



TOWNSHIP of HOPEWELL
MERCER COUNTY

201 WASHINGTON CROSSING – PENNINGTON ROAD
TITUSVILLE, NEW JERSEY 08560-1410

PROJECT / APPLICATION

BLOCK: 93

LOT: 19, 20, 45.01, 46, p/o 60

ADDRESS: 61 NURSERY RD., SCOTCH RD., NURSERY RD., NURSERY RD., 137 NURSERY RD.

PROJECT NAME: MAJOR SUBDIVISION, PRELIMINARY/FINAL AND SITE PLAN,
PRELIMINARY/FINAL (VENUE AT HOPEWELL)

SWM PLANS

P.
12,001-16,000

OCTOBER 2025

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.31
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.29
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.28
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.26
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.25
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.24
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.22
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.21
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.21
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.20
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.19
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.18
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.17
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.17
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.16
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.15
11.20	1.00	0.02	0.04	13.80	3.11	0.98	0.15
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.14
11.30	1.04	0.03	0.05	13.90	3.13	0.99	0.14
11.35	1.06	0.03	0.05	13.95	3.14	1.00	0.14
11.40	1.09	0.04	0.06	14.00	3.15	1.00	0.13
11.45	1.11	0.04	0.07	14.05	3.16	1.01	0.13
11.50	1.14	0.05	0.07	14.10	3.16	1.01	0.13
11.55	1.18	0.06	0.08	14.15	3.17	1.02	0.13
11.60	1.22	0.07	0.09	14.20	3.18	1.02	0.13
11.65	1.26	0.08	0.11	14.25	3.19	1.03	0.12
11.70	1.30	0.09	0.13	14.30	3.20	1.03	0.12
11.75	1.35	0.10	0.15	14.35	3.20	1.04	0.12
11.80	1.41	0.12	0.18	14.40	3.21	1.04	0.12
11.85	1.49	0.14	0.21	14.45	3.22	1.05	0.12
11.90	1.57	0.17	0.25	14.50	3.23	1.05	0.11
11.95	1.70	0.22	0.31	14.55	3.23	1.06	0.11
12.00	1.83	0.28	0.39	14.60	3.24	1.06	0.11
12.05	2.06	0.38	0.51	14.65	3.25	1.07	0.11
12.10	2.28	0.49	0.70	14.70	3.25	1.07	0.11
12.15	2.36	0.53	0.96	14.75	3.26	1.08	0.10
12.20	2.44	0.57	1.23	14.80	3.26	1.08	0.10
12.25	2.50	0.61	1.40	14.85	3.27	1.08	0.10
12.30	2.55	0.64	1.41	14.90	3.28	1.09	0.10
12.35	2.59	0.66	1.30	14.95	3.28	1.09	0.10
12.40	2.63	0.69	1.14	15.00	3.29	1.10	0.09
12.45	2.67	0.71	0.98	15.05	3.29	1.10	0.09
12.50	2.71	0.73	0.85	15.10	3.30	1.10	0.09
12.55	2.74	0.75	0.75	15.15	3.30	1.11	0.09
12.60	2.76	0.76	0.66	15.20	3.31	1.11	0.09
12.65	2.79	0.78	0.59	15.25	3.31	1.11	0.08
12.70	2.81	0.79	0.53	15.30	3.32	1.12	0.08
12.75	2.83	0.80	0.47	15.35	3.32	1.12	0.08
12.80	2.85	0.82	0.42	15.40	3.33	1.12	0.08
12.85	2.87	0.83	0.38	15.45	3.34	1.13	0.08
12.90	2.89	0.84	0.35	15.50	3.34	1.13	0.08
12.95	2.91	0.85	0.33	15.55	3.35	1.13	0.08

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.08	18.20	3.56	1.28	0.05
15.65	3.36	1.14	0.08	18.25	3.56	1.28	0.05
15.70	3.36	1.14	0.08	18.30	3.56	1.28	0.05
15.75	3.36	1.15	0.08	18.35	3.57	1.29	0.05
15.80	3.37	1.15	0.08	18.40	3.57	1.29	0.05
15.85	3.37	1.15	0.07	18.45	3.57	1.29	0.05
15.90	3.38	1.16	0.07	18.50	3.58	1.29	0.05
15.95	3.38	1.16	0.07	18.55	3.58	1.29	0.05
16.00	3.39	1.16	0.07	18.60	3.58	1.30	0.05
16.05	3.39	1.17	0.07	18.65	3.58	1.30	0.05
16.10	3.40	1.17	0.07	18.70	3.59	1.30	0.05
16.15	3.40	1.17	0.07	18.75	3.59	1.30	0.05
16.20	3.41	1.18	0.07	18.80	3.59	1.30	0.05
16.25	3.41	1.18	0.07	18.85	3.60	1.31	0.05
16.30	3.42	1.18	0.07	18.90	3.60	1.31	0.05
16.35	3.42	1.19	0.07	18.95	3.60	1.31	0.05
16.40	3.42	1.19	0.07	19.00	3.61	1.31	0.05
16.45	3.43	1.19	0.07	19.05	3.61	1.32	0.05
16.50	3.43	1.19	0.07	19.10	3.61	1.32	0.05
16.55	3.44	1.20	0.07	19.15	3.61	1.32	0.05
16.60	3.44	1.20	0.07	19.20	3.62	1.32	0.05
16.65	3.45	1.20	0.07	19.25	3.62	1.32	0.05
16.70	3.45	1.21	0.07	19.30	3.62	1.33	0.05
16.75	3.45	1.21	0.07	19.35	3.63	1.33	0.05
16.80	3.46	1.21	0.06	19.40	3.63	1.33	0.05
16.85	3.46	1.21	0.06	19.45	3.63	1.33	0.04
16.90	3.47	1.22	0.06	19.50	3.63	1.33	0.04
16.95	3.47	1.22	0.06	19.55	3.64	1.34	0.04
17.00	3.47	1.22	0.06	19.60	3.64	1.34	0.04
17.05	3.48	1.22	0.06	19.65	3.64	1.34	0.04
17.10	3.48	1.23	0.06	19.70	3.65	1.34	0.04
17.15	3.49	1.23	0.06	19.75	3.65	1.34	0.04
17.20	3.49	1.23	0.06	19.80	3.65	1.34	0.04
17.25	3.49	1.24	0.06	19.85	3.65	1.35	0.04
17.30	3.50	1.24	0.06	19.90	3.66	1.35	0.04
17.35	3.50	1.24	0.06	19.95	3.66	1.35	0.04
17.40	3.50	1.24	0.06	20.00	3.66	1.35	0.04
17.45	3.51	1.25	0.06	20.05	3.66	1.35	0.04
17.50	3.51	1.25	0.06	20.10	3.67	1.36	0.04
17.55	3.52	1.25	0.06	20.15	3.67	1.36	0.04
17.60	3.52	1.25	0.06	20.20	3.67	1.36	0.04
17.65	3.52	1.26	0.06	20.25	3.68	1.36	0.04
17.70	3.53	1.26	0.05	20.30	3.68	1.36	0.04
17.75	3.53	1.26	0.05	20.35	3.68	1.37	0.04
17.80	3.53	1.26	0.05	20.40	3.68	1.37	0.04
17.85	3.54	1.26	0.05	20.45	3.69	1.37	0.04
17.90	3.54	1.27	0.05	20.50	3.69	1.37	0.04
17.95	3.54	1.27	0.05	20.55	3.69	1.37	0.04
18.00	3.54	1.27	0.05	20.60	3.69	1.38	0.04
18.05	3.55	1.27	0.05	20.65	3.70	1.38	0.04
18.10	3.55	1.28	0.05	20.70	3.70	1.38	0.04
18.15	3.55	1.28	0.05	20.75	3.70	1.38	0.04

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.04	23.40	3.82	1.47	0.03
20.85	3.71	1.38	0.04	23.45	3.83	1.47	0.03
20.90	3.71	1.39	0.04	23.50	3.83	1.47	0.03
20.95	3.71	1.39	0.04	23.55	3.83	1.47	0.03
21.00	3.71	1.39	0.04	23.60	3.83	1.47	0.03
21.05	3.72	1.39	0.04	23.65	3.84	1.48	0.03
21.10	3.72	1.39	0.04	23.70	3.84	1.48	0.03
21.15	3.72	1.40	0.04	23.75	3.84	1.48	0.03
21.20	3.72	1.40	0.04	23.80	3.84	1.48	0.03
21.25	3.73	1.40	0.04	23.85	3.84	1.48	0.03
21.30	3.73	1.40	0.04	23.90	3.85	1.48	0.03
21.35	3.73	1.40	0.04	23.95	3.85	1.49	0.03
21.40	3.73	1.40	0.04	24.00	3.85	1.49	0.03
21.45	3.74	1.41	0.04	24.05	3.85	1.49	0.03
21.50	3.74	1.41	0.04	24.10	3.85	1.49	0.03
21.55	3.74	1.41	0.04	24.15	3.85	1.49	0.03
21.60	3.74	1.41	0.04	24.20	3.85	1.49	0.02
21.65	3.75	1.41	0.04	24.25	3.85	1.49	0.02
21.70	3.75	1.41	0.04	24.30	3.85	1.49	0.01
21.75	3.75	1.42	0.04	24.35	3.85	1.49	0.01
21.80	3.75	1.42	0.04	24.40	3.85	1.49	0.01
21.85	3.76	1.42	0.04	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.04	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.04	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.04	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.04	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.04	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.04	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.04	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.04	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.04	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.04	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.04	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.04	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.04	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.04	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.04	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.04	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.04	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.04	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.04	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.04	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.04	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.04	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.04	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.03	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.03	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.03	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.03	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.03	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.03	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.03	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 40I: PDA-40 (impervious)

Runoff = 1.41 cfs @ 12.09 hrs, Volume= 0.097 af, Depth= 3.62"
 Routed to Pond B-40 : Basin #40

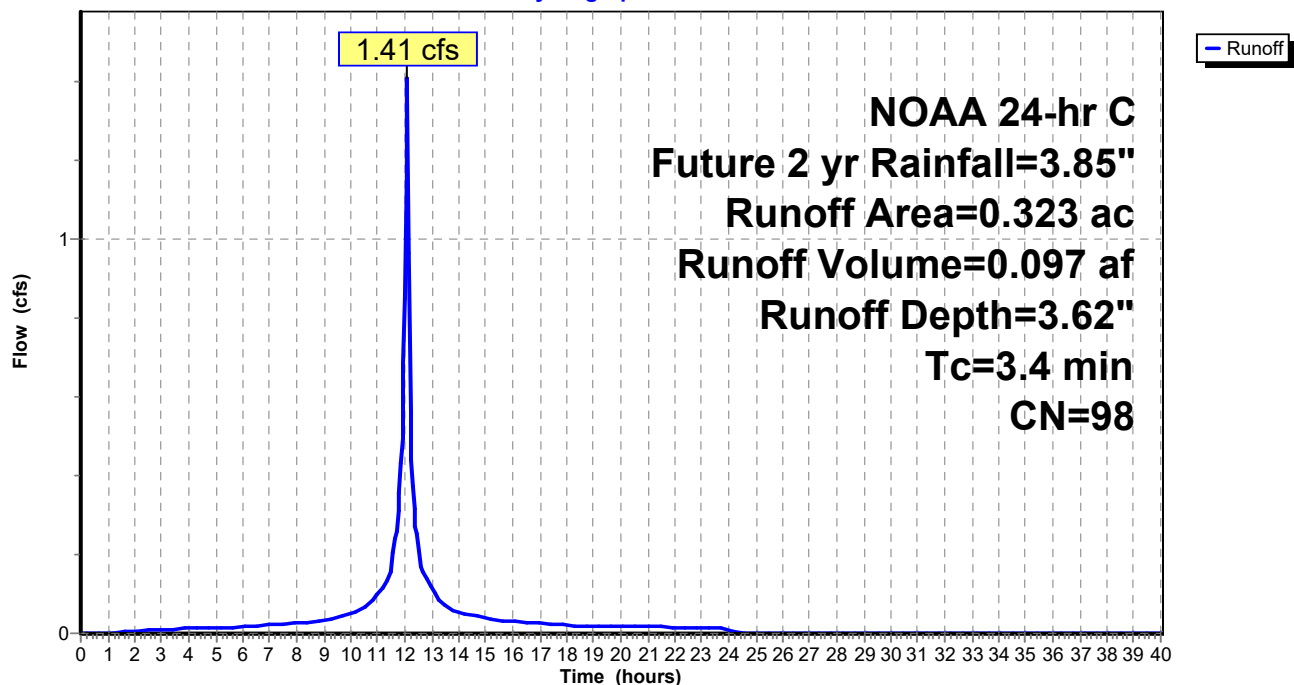
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.179	98	Concrete, HSC C
0.144	98	Paved roads w/curbs & sewers, HSG C
0.323	98	Weighted Average
0.323		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.4					Direct Entry,

Subcatchment 40I: PDA-40 (impervious)

Hydrograph



Hydrograph for Subcatchment 40I: PDA-40 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.01
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.01
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.01
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.01
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.01
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.01
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.01
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.01
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.01
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.01
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.01
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.01
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.01
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.01
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.01
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.01
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.01
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.01
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.01
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.01
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.01
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.01
1.25	0.05	0.00	0.00	3.85	0.18	0.06	0.01
1.30	0.06	0.00	0.00	3.90	0.18	0.06	0.01
1.35	0.06	0.00	0.00	3.95	0.19	0.06	0.01
1.40	0.06	0.00	0.00	4.00	0.19	0.06	0.01
1.45	0.06	0.00	0.00	4.05	0.19	0.06	0.01
1.50	0.06	0.00	0.00	4.10	0.19	0.07	0.01
1.55	0.07	0.00	0.00	4.15	0.20	0.07	0.01
1.60	0.07	0.00	0.00	4.20	0.20	0.07	0.01
1.65	0.07	0.00	0.00	4.25	0.20	0.07	0.01
1.70	0.07	0.00	0.00	4.30	0.20	0.07	0.01
1.75	0.08	0.01	0.00	4.35	0.21	0.08	0.01
1.80	0.08	0.01	0.00	4.40	0.21	0.08	0.01
1.85	0.08	0.01	0.00	4.45	0.21	0.08	0.01
1.90	0.08	0.01	0.00	4.50	0.22	0.08	0.01
1.95	0.08	0.01	0.00	4.55	0.22	0.08	0.01
2.00	0.09	0.01	0.00	4.60	0.22	0.09	0.01
2.05	0.09	0.01	0.01	4.65	0.22	0.09	0.01
2.10	0.09	0.01	0.01	4.70	0.23	0.09	0.01
2.15	0.09	0.01	0.01	4.75	0.23	0.09	0.01
2.20	0.10	0.01	0.01	4.80	0.23	0.09	0.01
2.25	0.10	0.01	0.01	4.85	0.24	0.10	0.01
2.30	0.10	0.01	0.01	4.90	0.24	0.10	0.01
2.35	0.10	0.01	0.01	4.95	0.24	0.10	0.01
2.40	0.11	0.02	0.01	5.00	0.24	0.10	0.01
2.45	0.11	0.02	0.01	5.05	0.25	0.10	0.01
2.50	0.11	0.02	0.01	5.10	0.25	0.11	0.01
2.55	0.11	0.02	0.01	5.15	0.25	0.11	0.01

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.01	7.80	0.44	0.27	0.03
5.25	0.26	0.11	0.01	7.85	0.45	0.27	0.03
5.30	0.26	0.12	0.01	7.90	0.45	0.27	0.03
5.35	0.27	0.12	0.01	7.95	0.46	0.28	0.03
5.40	0.27	0.12	0.02	8.00	0.46	0.28	0.03
5.45	0.27	0.12	0.02	8.05	0.47	0.29	0.03
5.50	0.27	0.12	0.02	8.10	0.47	0.29	0.03
5.55	0.28	0.13	0.02	8.15	0.48	0.30	0.03
5.60	0.28	0.13	0.02	8.20	0.48	0.30	0.03
5.65	0.28	0.13	0.02	8.25	0.49	0.30	0.03
5.70	0.29	0.13	0.02	8.30	0.49	0.31	0.03
5.75	0.29	0.14	0.02	8.35	0.49	0.31	0.03
5.80	0.29	0.14	0.02	8.40	0.50	0.32	0.03
5.85	0.30	0.14	0.02	8.45	0.50	0.32	0.03
5.90	0.30	0.14	0.02	8.50	0.51	0.33	0.03
5.95	0.30	0.15	0.02	8.55	0.51	0.33	0.03
6.00	0.31	0.15	0.02	8.60	0.52	0.34	0.03
6.05	0.31	0.15	0.02	8.65	0.53	0.34	0.03
6.10	0.31	0.15	0.02	8.70	0.53	0.35	0.03
6.15	0.31	0.16	0.02	8.75	0.54	0.35	0.03
6.20	0.32	0.16	0.02	8.80	0.54	0.36	0.03
6.25	0.32	0.16	0.02	8.85	0.55	0.36	0.03
6.30	0.32	0.17	0.02	8.90	0.55	0.36	0.03
6.35	0.33	0.17	0.02	8.95	0.56	0.37	0.03
6.40	0.33	0.17	0.02	9.00	0.56	0.37	0.03
6.45	0.33	0.17	0.02	9.05	0.57	0.38	0.03
6.50	0.34	0.18	0.02	9.10	0.57	0.39	0.03
6.55	0.34	0.18	0.02	9.15	0.58	0.39	0.04
6.60	0.35	0.18	0.02	9.20	0.59	0.40	0.04
6.65	0.35	0.19	0.02	9.25	0.59	0.40	0.04
6.70	0.35	0.19	0.02	9.30	0.60	0.41	0.04
6.75	0.36	0.19	0.02	9.35	0.60	0.41	0.04
6.80	0.36	0.19	0.02	9.40	0.61	0.42	0.04
6.85	0.36	0.20	0.02	9.45	0.62	0.43	0.04
6.90	0.37	0.20	0.02	9.50	0.62	0.43	0.04
6.95	0.37	0.20	0.02	9.55	0.63	0.44	0.04
7.00	0.38	0.21	0.02	9.60	0.64	0.45	0.04
7.05	0.38	0.21	0.02	9.65	0.65	0.45	0.04
7.10	0.38	0.21	0.02	9.70	0.65	0.46	0.05
7.15	0.39	0.22	0.02	9.75	0.66	0.47	0.05
7.20	0.39	0.22	0.02	9.80	0.67	0.47	0.05
7.25	0.40	0.23	0.02	9.85	0.68	0.48	0.05
7.30	0.40	0.23	0.02	9.90	0.69	0.49	0.05
7.35	0.40	0.23	0.02	9.95	0.69	0.50	0.05
7.40	0.41	0.24	0.02	10.00	0.70	0.51	0.05
7.45	0.41	0.24	0.02	10.05	0.71	0.51	0.05
7.50	0.42	0.24	0.02	10.10	0.72	0.52	0.05
7.55	0.42	0.25	0.02	10.15	0.73	0.53	0.05
7.60	0.43	0.25	0.02	10.20	0.74	0.54	0.05
7.65	0.43	0.25	0.02	10.25	0.75	0.55	0.06
7.70	0.43	0.26	0.03	10.30	0.76	0.56	0.06
7.75	0.44	0.26	0.03	10.35	0.76	0.56	0.06

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.06	13.00	2.93	2.69	0.11
10.45	0.78	0.58	0.06	13.05	2.94	2.71	0.11
10.50	0.79	0.59	0.06	13.10	2.96	2.73	0.10
10.55	0.80	0.60	0.06	13.15	2.97	2.74	0.10
10.60	0.82	0.61	0.07	13.20	2.98	2.75	0.09
10.65	0.83	0.62	0.07	13.25	3.00	2.77	0.09
10.70	0.84	0.64	0.07	13.30	3.01	2.78	0.09
10.75	0.85	0.65	0.08	13.35	3.02	2.79	0.08
10.80	0.87	0.66	0.08	13.40	3.03	2.80	0.08
10.85	0.88	0.67	0.09	13.45	3.05	2.81	0.07
10.90	0.89	0.69	0.09	13.50	3.06	2.82	0.07
10.95	0.91	0.70	0.09	13.55	3.07	2.83	0.07
11.00	0.92	0.72	0.10	13.60	3.08	2.84	0.06
11.05	0.94	0.73	0.10	13.65	3.09	2.85	0.06
11.10	0.96	0.75	0.11	13.70	3.09	2.86	0.06
11.15	0.98	0.77	0.12	13.75	3.10	2.87	0.06
11.20	1.00	0.79	0.12	13.80	3.11	2.88	0.06
11.25	1.02	0.81	0.13	13.85	3.12	2.89	0.06
11.30	1.04	0.83	0.13	13.90	3.13	2.90	0.06
11.35	1.06	0.85	0.14	13.95	3.14	2.91	0.06
11.40	1.09	0.88	0.15	14.00	3.15	2.92	0.06
11.45	1.11	0.90	0.15	14.05	3.16	2.92	0.05
11.50	1.14	0.92	0.16	14.10	3.16	2.93	0.05
11.55	1.18	0.96	0.20	14.15	3.17	2.94	0.05
11.60	1.22	1.00	0.24	14.20	3.18	2.95	0.05
11.65	1.26	1.04	0.25	14.25	3.19	2.96	0.05
11.70	1.30	1.08	0.26	14.30	3.20	2.96	0.05
11.75	1.35	1.14	0.31	14.35	3.20	2.97	0.05
11.80	1.41	1.19	0.35	14.40	3.21	2.98	0.05
11.85	1.49	1.27	0.43	14.45	3.22	2.99	0.05
11.90	1.57	1.34	0.49	14.50	3.23	2.99	0.05
11.95	1.70	1.48	0.69	14.55	3.23	3.00	0.05
12.00	1.83	1.61	0.85	14.60	3.24	3.01	0.04
12.05	2.06	1.83	1.16	14.65	3.25	3.01	0.04
12.10	2.28	2.06	1.40	14.70	3.25	3.02	0.04
12.15	2.36	2.13	0.97	14.75	3.26	3.03	0.04
12.20	2.44	2.21	0.56	14.80	3.26	3.03	0.04
12.25	2.50	2.27	0.44	14.85	3.27	3.04	0.04
12.30	2.55	2.32	0.37	14.90	3.28	3.04	0.04
12.35	2.59	2.36	0.31	14.95	3.28	3.05	0.04
12.40	2.63	2.40	0.27	15.00	3.29	3.05	0.04
12.45	2.67	2.44	0.26	15.05	3.29	3.06	0.04
12.50	2.71	2.48	0.25	15.10	3.30	3.07	0.04
12.55	2.74	2.51	0.21	15.15	3.30	3.07	0.03
12.60	2.76	2.53	0.17	15.20	3.31	3.08	0.03
12.65	2.79	2.56	0.16	15.25	3.31	3.08	0.03
12.70	2.81	2.58	0.15	15.30	3.32	3.09	0.03
12.75	2.83	2.60	0.15	15.35	3.32	3.09	0.03
12.80	2.85	2.62	0.14	15.40	3.33	3.10	0.03
12.85	2.87	2.64	0.13	15.45	3.34	3.10	0.03
12.90	2.89	2.66	0.13	15.50	3.34	3.11	0.03
12.95	2.91	2.68	0.12	15.55	3.35	3.11	0.03

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.03	18.20	3.56	3.32	0.02
15.65	3.36	3.12	0.03	18.25	3.56	3.33	0.02
15.70	3.36	3.13	0.03	18.30	3.56	3.33	0.02
15.75	3.36	3.13	0.03	18.35	3.57	3.33	0.02
15.80	3.37	3.14	0.03	18.40	3.57	3.34	0.02
15.85	3.37	3.14	0.03	18.45	3.57	3.34	0.02
15.90	3.38	3.15	0.03	18.50	3.58	3.34	0.02
15.95	3.38	3.15	0.03	18.55	3.58	3.34	0.02
16.00	3.39	3.16	0.03	18.60	3.58	3.35	0.02
16.05	3.39	3.16	0.03	18.65	3.58	3.35	0.02
16.10	3.40	3.16	0.03	18.70	3.59	3.35	0.02
16.15	3.40	3.17	0.03	18.75	3.59	3.36	0.02
16.20	3.41	3.17	0.03	18.80	3.59	3.36	0.02
16.25	3.41	3.18	0.03	18.85	3.60	3.36	0.02
16.30	3.42	3.18	0.03	18.90	3.60	3.37	0.02
16.35	3.42	3.19	0.03	18.95	3.60	3.37	0.02
16.40	3.42	3.19	0.03	19.00	3.61	3.37	0.02
16.45	3.43	3.20	0.03	19.05	3.61	3.37	0.02
16.50	3.43	3.20	0.03	19.10	3.61	3.38	0.02
16.55	3.44	3.20	0.03	19.15	3.61	3.38	0.02
16.60	3.44	3.21	0.03	19.20	3.62	3.38	0.02
16.65	3.45	3.21	0.03	19.25	3.62	3.39	0.02
16.70	3.45	3.22	0.03	19.30	3.62	3.39	0.02
16.75	3.45	3.22	0.03	19.35	3.63	3.39	0.02
16.80	3.46	3.23	0.03	19.40	3.63	3.39	0.02
16.85	3.46	3.23	0.03	19.45	3.63	3.40	0.02
16.90	3.47	3.23	0.03	19.50	3.63	3.40	0.02
16.95	3.47	3.24	0.03	19.55	3.64	3.40	0.02
17.00	3.47	3.24	0.03	19.60	3.64	3.41	0.02
17.05	3.48	3.24	0.03	19.65	3.64	3.41	0.02
17.10	3.48	3.25	0.03	19.70	3.65	3.41	0.02
17.15	3.49	3.25	0.02	19.75	3.65	3.41	0.02
17.20	3.49	3.26	0.02	19.80	3.65	3.42	0.02
17.25	3.49	3.26	0.02	19.85	3.65	3.42	0.02
17.30	3.50	3.26	0.02	19.90	3.66	3.42	0.02
17.35	3.50	3.27	0.02	19.95	3.66	3.42	0.02
17.40	3.50	3.27	0.02	20.00	3.66	3.43	0.02
17.45	3.51	3.27	0.02	20.05	3.66	3.43	0.02
17.50	3.51	3.28	0.02	20.10	3.67	3.43	0.02
17.55	3.52	3.28	0.02	20.15	3.67	3.44	0.02
17.60	3.52	3.28	0.02	20.20	3.67	3.44	0.02
17.65	3.52	3.29	0.02	20.25	3.68	3.44	0.02
17.70	3.53	3.29	0.02	20.30	3.68	3.44	0.02
17.75	3.53	3.30	0.02	20.35	3.68	3.45	0.02
17.80	3.53	3.30	0.02	20.40	3.68	3.45	0.02
17.85	3.54	3.30	0.02	20.45	3.69	3.45	0.02
17.90	3.54	3.30	0.02	20.50	3.69	3.45	0.02
17.95	3.54	3.31	0.02	20.55	3.69	3.46	0.02
18.00	3.54	3.31	0.02	20.60	3.69	3.46	0.02
18.05	3.55	3.31	0.02	20.65	3.70	3.46	0.02
18.10	3.55	3.32	0.02	20.70	3.70	3.46	0.02
18.15	3.55	3.32	0.02	20.75	3.70	3.47	0.02

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.02	23.40	3.82	3.59	0.01
20.85	3.71	3.47	0.02	23.45	3.83	3.59	0.01
20.90	3.71	3.47	0.02	23.50	3.83	3.59	0.01
20.95	3.71	3.48	0.02	23.55	3.83	3.60	0.01
21.00	3.71	3.48	0.02	23.60	3.83	3.60	0.01
21.05	3.72	3.48	0.02	23.65	3.84	3.60	0.01
21.10	3.72	3.49	0.02	23.70	3.84	3.60	0.01
21.15	3.72	3.49	0.02	23.75	3.84	3.60	0.01
21.20	3.72	3.49	0.02	23.80	3.84	3.61	0.01
21.25	3.73	3.49	0.02	23.85	3.84	3.61	0.01
21.30	3.73	3.50	0.02	23.90	3.85	3.61	0.01
21.35	3.73	3.50	0.02	23.95	3.85	3.61	0.01
21.40	3.73	3.50	0.02	24.00	3.85	3.62	0.02
21.45	3.74	3.50	0.02	24.05	3.85	3.62	0.01
21.50	3.74	3.50	0.02	24.10	3.85	3.62	0.00
21.55	3.74	3.51	0.02	24.15	3.85	3.62	0.00
21.60	3.74	3.51	0.02	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.02	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.02	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.02	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.02	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.02	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.02	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.02	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.02	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.02	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.02	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.02	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.02	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.02	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.01	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.01	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.01	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.01	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.01	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.01	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.01	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.01	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.01	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.01	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.01	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.01	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.01	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.01	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.01	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.01	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.01	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.01	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.01	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.01	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.01	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.01	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 40P: PDA-40 (pervious)

Runoff = 1.26 cfs @ 12.29 hrs, Volume= 0.124 af, Depth= 1.49"
 Routed to Pond B-40 : Basin #40

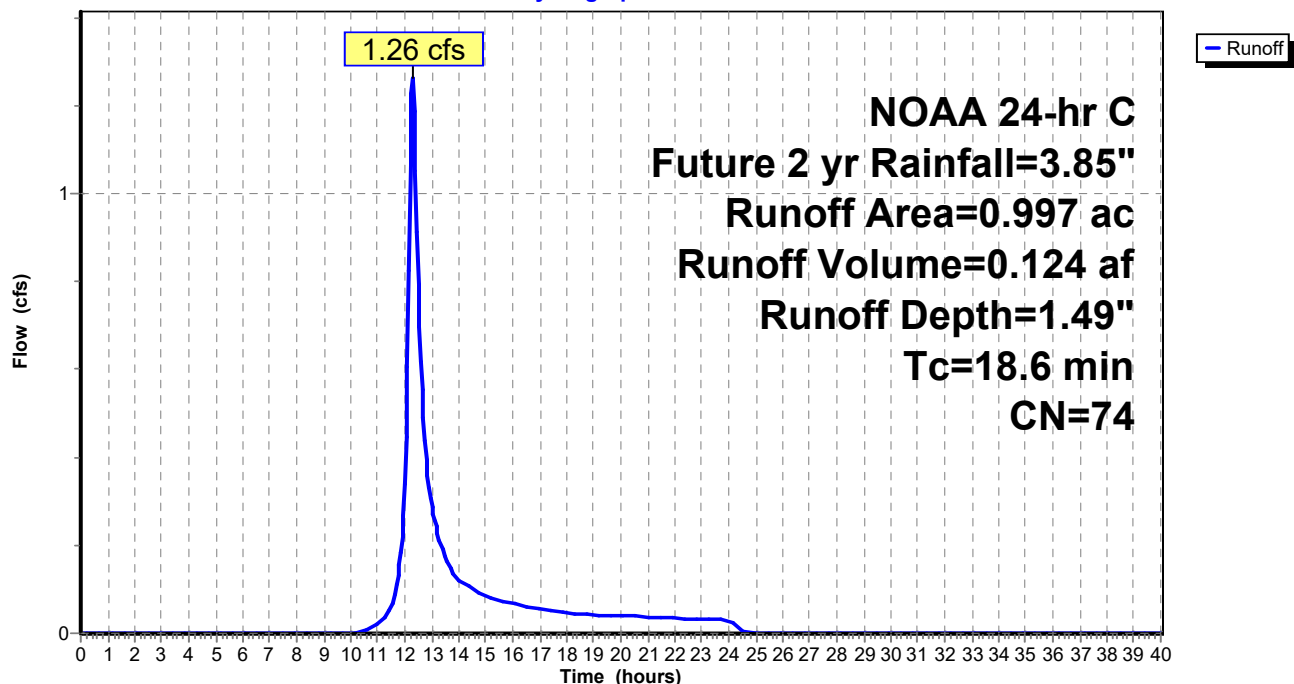
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.997	74	>75% Grass cover, Good, HSG C
0.997		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
18.6					Direct Entry,

Subcatchment 40P: PDA-40 (pervious)

Hydrograph



Hydrograph for Subcatchment 40P: PDA-40 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.29
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.27
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.25
10.55	0.80	0.00	0.00	13.15	2.97	0.89	0.24
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.23
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.22
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.21
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.20
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.19
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.18
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.17
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.17
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.16
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.15
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.15
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.14
11.20	1.00	0.02	0.03	13.80	3.11	0.98	0.13
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.13
11.30	1.04	0.03	0.04	13.90	3.13	0.99	0.13
11.35	1.06	0.03	0.05	13.95	3.14	1.00	0.12
11.40	1.09	0.04	0.05	14.00	3.15	1.00	0.12
11.45	1.11	0.04	0.06	14.05	3.16	1.01	0.12
11.50	1.14	0.05	0.06	14.10	3.16	1.01	0.12
11.55	1.18	0.06	0.07	14.15	3.17	1.02	0.12
11.60	1.22	0.07	0.08	14.20	3.18	1.02	0.11
11.65	1.26	0.08	0.09	14.25	3.19	1.03	0.11
11.70	1.30	0.09	0.11	14.30	3.20	1.03	0.11
11.75	1.35	0.10	0.13	14.35	3.20	1.04	0.11
11.80	1.41	0.12	0.15	14.40	3.21	1.04	0.11
11.85	1.49	0.14	0.18	14.45	3.22	1.05	0.10
11.90	1.57	0.17	0.22	14.50	3.23	1.05	0.10
11.95	1.70	0.22	0.27	14.55	3.23	1.06	0.10
12.00	1.83	0.28	0.34	14.60	3.24	1.06	0.10
12.05	2.06	0.38	0.44	14.65	3.25	1.07	0.10
12.10	2.28	0.49	0.60	14.70	3.25	1.07	0.10
12.15	2.36	0.53	0.82	14.75	3.26	1.08	0.09
12.20	2.44	0.57	1.06	14.80	3.26	1.08	0.09
12.25	2.50	0.61	1.23	14.85	3.27	1.08	0.09
12.30	2.55	0.64	1.26	14.90	3.28	1.09	0.09
12.35	2.59	0.66	1.19	14.95	3.28	1.09	0.09
12.40	2.63	0.69	1.05	15.00	3.29	1.10	0.09
12.45	2.67	0.71	0.91	15.05	3.29	1.10	0.08
12.50	2.71	0.73	0.79	15.10	3.30	1.10	0.08
12.55	2.74	0.75	0.70	15.15	3.30	1.11	0.08
12.60	2.76	0.76	0.62	15.20	3.31	1.11	0.08
12.65	2.79	0.78	0.55	15.25	3.31	1.11	0.08
12.70	2.81	0.79	0.49	15.30	3.32	1.12	0.07
12.75	2.83	0.80	0.44	15.35	3.32	1.12	0.07
12.80	2.85	0.82	0.39	15.40	3.33	1.12	0.07
12.85	2.87	0.83	0.36	15.45	3.34	1.13	0.07
12.90	2.89	0.84	0.33	15.50	3.34	1.13	0.07
12.95	2.91	0.85	0.31	15.55	3.35	1.13	0.07

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.07	18.20	3.56	1.28	0.04
15.65	3.36	1.14	0.07	18.25	3.56	1.28	0.04
15.70	3.36	1.14	0.07	18.30	3.56	1.28	0.04
15.75	3.36	1.15	0.07	18.35	3.57	1.29	0.04
15.80	3.37	1.15	0.07	18.40	3.57	1.29	0.04
15.85	3.37	1.15	0.07	18.45	3.57	1.29	0.04
15.90	3.38	1.16	0.07	18.50	3.58	1.29	0.04
15.95	3.38	1.16	0.07	18.55	3.58	1.29	0.04
16.00	3.39	1.16	0.07	18.60	3.58	1.30	0.04
16.05	3.39	1.17	0.07	18.65	3.58	1.30	0.04
16.10	3.40	1.17	0.07	18.70	3.59	1.30	0.04
16.15	3.40	1.17	0.07	18.75	3.59	1.30	0.04
16.20	3.41	1.18	0.06	18.80	3.59	1.30	0.04
16.25	3.41	1.18	0.06	18.85	3.60	1.31	0.04
16.30	3.42	1.18	0.06	18.90	3.60	1.31	0.04
16.35	3.42	1.19	0.06	18.95	3.60	1.31	0.04
16.40	3.42	1.19	0.06	19.00	3.61	1.31	0.04
16.45	3.43	1.19	0.06	19.05	3.61	1.32	0.04
16.50	3.43	1.19	0.06	19.10	3.61	1.32	0.04
16.55	3.44	1.20	0.06	19.15	3.61	1.32	0.04
16.60	3.44	1.20	0.06	19.20	3.62	1.32	0.04
16.65	3.45	1.20	0.06	19.25	3.62	1.32	0.04
16.70	3.45	1.21	0.06	19.30	3.62	1.33	0.04
16.75	3.45	1.21	0.06	19.35	3.63	1.33	0.04
16.80	3.46	1.21	0.06	19.40	3.63	1.33	0.04
16.85	3.46	1.21	0.06	19.45	3.63	1.33	0.04
16.90	3.47	1.22	0.06	19.50	3.63	1.33	0.04
16.95	3.47	1.22	0.06	19.55	3.64	1.34	0.04
17.00	3.47	1.22	0.06	19.60	3.64	1.34	0.04
17.05	3.48	1.22	0.06	19.65	3.64	1.34	0.04
17.10	3.48	1.23	0.06	19.70	3.65	1.34	0.04
17.15	3.49	1.23	0.06	19.75	3.65	1.34	0.04
17.20	3.49	1.23	0.05	19.80	3.65	1.34	0.04
17.25	3.49	1.24	0.05	19.85	3.65	1.35	0.04
17.30	3.50	1.24	0.05	19.90	3.66	1.35	0.04
17.35	3.50	1.24	0.05	19.95	3.66	1.35	0.04
17.40	3.50	1.24	0.05	20.00	3.66	1.35	0.04
17.45	3.51	1.25	0.05	20.05	3.66	1.35	0.04
17.50	3.51	1.25	0.05	20.10	3.67	1.36	0.04
17.55	3.52	1.25	0.05	20.15	3.67	1.36	0.04
17.60	3.52	1.25	0.05	20.20	3.67	1.36	0.04
17.65	3.52	1.26	0.05	20.25	3.68	1.36	0.04
17.70	3.53	1.26	0.05	20.30	3.68	1.36	0.04
17.75	3.53	1.26	0.05	20.35	3.68	1.37	0.04
17.80	3.53	1.26	0.05	20.40	3.68	1.37	0.04
17.85	3.54	1.26	0.05	20.45	3.69	1.37	0.04
17.90	3.54	1.27	0.05	20.50	3.69	1.37	0.04
17.95	3.54	1.27	0.05	20.55	3.69	1.37	0.04
18.00	3.54	1.27	0.05	20.60	3.69	1.38	0.04
18.05	3.55	1.27	0.05	20.65	3.70	1.38	0.04
18.10	3.55	1.28	0.05	20.70	3.70	1.38	0.04
18.15	3.55	1.28	0.05	20.75	3.70	1.38	0.04

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.04	23.40	3.82	1.47	0.03
20.85	3.71	1.38	0.04	23.45	3.83	1.47	0.03
20.90	3.71	1.39	0.04	23.50	3.83	1.47	0.03
20.95	3.71	1.39	0.04	23.55	3.83	1.47	0.03
21.00	3.71	1.39	0.04	23.60	3.83	1.47	0.03
21.05	3.72	1.39	0.04	23.65	3.84	1.48	0.03
21.10	3.72	1.39	0.04	23.70	3.84	1.48	0.03
21.15	3.72	1.40	0.04	23.75	3.84	1.48	0.03
21.20	3.72	1.40	0.04	23.80	3.84	1.48	0.03
21.25	3.73	1.40	0.04	23.85	3.84	1.48	0.03
21.30	3.73	1.40	0.04	23.90	3.85	1.48	0.03
21.35	3.73	1.40	0.04	23.95	3.85	1.49	0.03
21.40	3.73	1.40	0.04	24.00	3.85	1.49	0.03
21.45	3.74	1.41	0.04	24.05	3.85	1.49	0.03
21.50	3.74	1.41	0.04	24.10	3.85	1.49	0.03
21.55	3.74	1.41	0.04	24.15	3.85	1.49	0.03
21.60	3.74	1.41	0.04	24.20	3.85	1.49	0.02
21.65	3.75	1.41	0.04	24.25	3.85	1.49	0.02
21.70	3.75	1.41	0.04	24.30	3.85	1.49	0.01
21.75	3.75	1.42	0.03	24.35	3.85	1.49	0.01
21.80	3.75	1.42	0.03	24.40	3.85	1.49	0.01
21.85	3.76	1.42	0.03	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.03	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.03	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.03	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.03	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.03	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.03	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.03	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.03	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.03	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.03	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.03	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.03	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.03	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.03	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.03	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.03	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.03	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.03	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.03	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.03	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.03	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.03	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.03	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.03	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.03	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.03	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.03	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.03	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.03	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.03	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment UPDA-3: PDA-3 (undetained)

Runoff = 3.97 cfs @ 12.27 hrs, Volume= 0.376 af, Depth= 1.36"

Routed to Link PDA-3 : Proposed Drainage Area #3

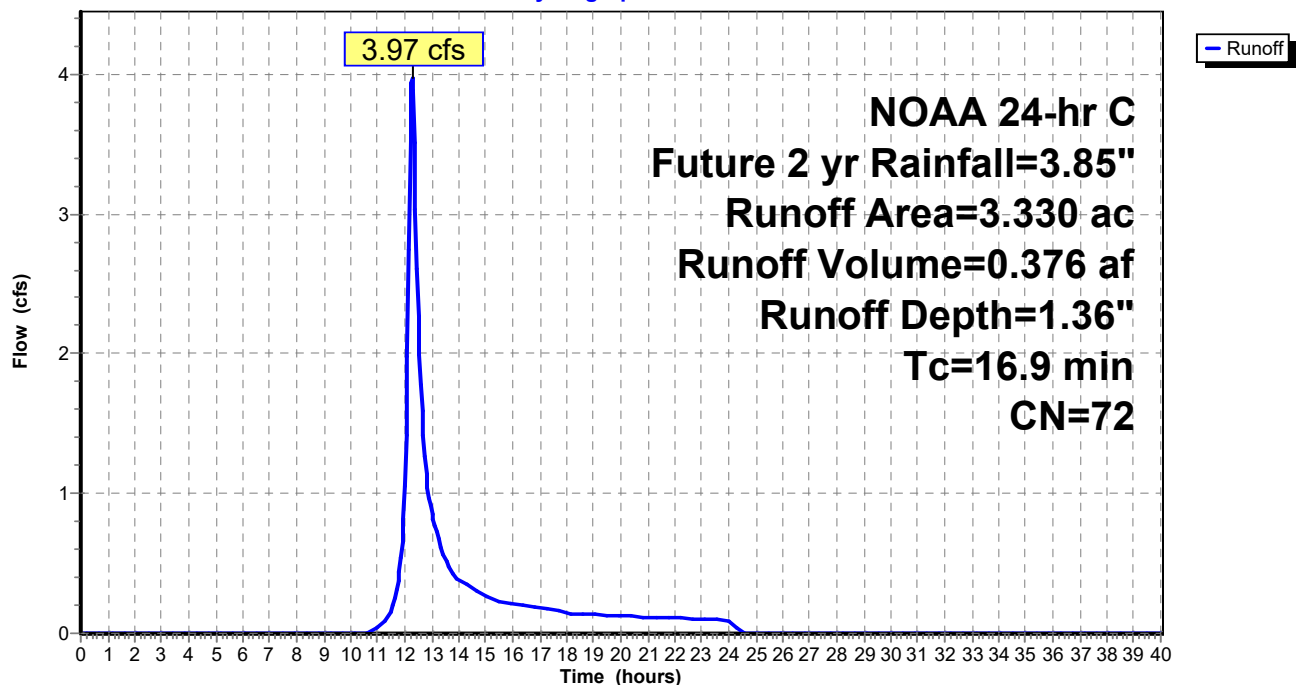
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.630	74	>75% Grass cover, Good, HSG C
1.700	70	Woods, Good, HSG C
3.330	72	Weighted Average
3.330		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
16.9					Direct Entry,

Subcatchment UPDA-3: PDA-3 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.76	0.86
10.45	0.78	0.00	0.00	13.05	2.94	0.77	0.81
10.50	0.79	0.00	0.00	13.10	2.96	0.78	0.77
10.55	0.80	0.00	0.00	13.15	2.97	0.79	0.73
10.60	0.82	0.00	0.00	13.20	2.98	0.80	0.69
10.65	0.83	0.00	0.00	13.25	3.00	0.81	0.66
10.70	0.84	0.00	0.00	13.30	3.01	0.81	0.62
10.75	0.85	0.00	0.01	13.35	3.02	0.82	0.60
10.80	0.87	0.00	0.01	13.40	3.03	0.83	0.57
10.85	0.88	0.00	0.02	13.45	3.05	0.84	0.55
10.90	0.89	0.00	0.02	13.50	3.06	0.84	0.53
10.95	0.91	0.00	0.03	13.55	3.07	0.85	0.51
11.00	0.92	0.01	0.03	13.60	3.08	0.85	0.48
11.05	0.94	0.01	0.04	13.65	3.09	0.86	0.46
11.10	0.96	0.01	0.05	13.70	3.09	0.87	0.44
11.15	0.98	0.01	0.06	13.75	3.10	0.87	0.43
11.20	1.00	0.01	0.07	13.80	3.11	0.88	0.41
11.25	1.02	0.01	0.08	13.85	3.12	0.88	0.40
11.30	1.04	0.02	0.09	13.90	3.13	0.89	0.39
11.35	1.06	0.02	0.11	13.95	3.14	0.89	0.38
11.40	1.09	0.02	0.13	14.00	3.15	0.90	0.38
11.45	1.11	0.03	0.14	14.05	3.16	0.90	0.37
11.50	1.14	0.03	0.16	14.10	3.16	0.91	0.37
11.55	1.18	0.04	0.19	14.15	3.17	0.91	0.36
11.60	1.22	0.04	0.21	14.20	3.18	0.92	0.35
11.65	1.26	0.05	0.26	14.25	3.19	0.92	0.35
11.70	1.30	0.06	0.31	14.30	3.20	0.93	0.34
11.75	1.35	0.07	0.37	14.35	3.20	0.93	0.34
11.80	1.41	0.09	0.44	14.40	3.21	0.94	0.33
11.85	1.49	0.11	0.53	14.45	3.22	0.94	0.33
11.90	1.57	0.13	0.65	14.50	3.23	0.95	0.32
11.95	1.70	0.18	0.81	14.55	3.23	0.95	0.32
12.00	1.83	0.23	1.05	14.60	3.24	0.95	0.31
12.05	2.06	0.32	1.42	14.65	3.25	0.96	0.30
12.10	2.28	0.42	1.98	14.70	3.25	0.96	0.30
12.15	2.36	0.46	2.75	14.75	3.26	0.97	0.29
12.20	2.44	0.50	3.52	14.80	3.26	0.97	0.29
12.25	2.50	0.53	3.94	14.85	3.27	0.97	0.28
12.30	2.55	0.56	3.88	14.90	3.28	0.98	0.28
12.35	2.59	0.58	3.51	14.95	3.28	0.98	0.27
12.40	2.63	0.60	3.03	15.00	3.29	0.98	0.27
12.45	2.67	0.62	2.60	15.05	3.29	0.99	0.26
12.50	2.71	0.64	2.26	15.10	3.30	0.99	0.25
12.55	2.74	0.66	2.00	15.15	3.30	0.99	0.25
12.60	2.76	0.67	1.78	15.20	3.31	1.00	0.24
12.65	2.79	0.68	1.59	15.25	3.31	1.00	0.24
12.70	2.81	0.70	1.42	15.30	3.32	1.00	0.23
12.75	2.83	0.71	1.26	15.35	3.32	1.01	0.23
12.80	2.85	0.72	1.14	15.40	3.33	1.01	0.23
12.85	2.87	0.73	1.04	15.45	3.34	1.01	0.23
12.90	2.89	0.74	0.97	15.50	3.34	1.02	0.22
12.95	2.91	0.75	0.91	15.55	3.35	1.02	0.22

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.02	0.22	18.20	3.56	1.16	0.14
15.65	3.36	1.03	0.22	18.25	3.56	1.16	0.14
15.70	3.36	1.03	0.22	18.30	3.56	1.16	0.14
15.75	3.36	1.03	0.22	18.35	3.57	1.16	0.14
15.80	3.37	1.04	0.21	18.40	3.57	1.17	0.14
15.85	3.37	1.04	0.21	18.45	3.57	1.17	0.14
15.90	3.38	1.04	0.21	18.50	3.58	1.17	0.14
15.95	3.38	1.05	0.21	18.55	3.58	1.17	0.14
16.00	3.39	1.05	0.21	18.60	3.58	1.17	0.14
16.05	3.39	1.05	0.21	18.65	3.58	1.18	0.13
16.10	3.40	1.05	0.21	18.70	3.59	1.18	0.13
16.15	3.40	1.06	0.20	18.75	3.59	1.18	0.13
16.20	3.41	1.06	0.20	18.80	3.59	1.18	0.13
16.25	3.41	1.06	0.20	18.85	3.60	1.18	0.13
16.30	3.42	1.07	0.20	18.90	3.60	1.19	0.13
16.35	3.42	1.07	0.20	18.95	3.60	1.19	0.13
16.40	3.42	1.07	0.20	19.00	3.61	1.19	0.13
16.45	3.43	1.07	0.20	19.05	3.61	1.19	0.13
16.50	3.43	1.08	0.19	19.10	3.61	1.19	0.13
16.55	3.44	1.08	0.19	19.15	3.61	1.20	0.13
16.60	3.44	1.08	0.19	19.20	3.62	1.20	0.13
16.65	3.45	1.09	0.19	19.25	3.62	1.20	0.13
16.70	3.45	1.09	0.19	19.30	3.62	1.20	0.13
16.75	3.45	1.09	0.19	19.35	3.63	1.20	0.13
16.80	3.46	1.09	0.19	19.40	3.63	1.21	0.13
16.85	3.46	1.10	0.18	19.45	3.63	1.21	0.13
16.90	3.47	1.10	0.18	19.50	3.63	1.21	0.13
16.95	3.47	1.10	0.18	19.55	3.64	1.21	0.13
17.00	3.47	1.10	0.18	19.60	3.64	1.21	0.13
17.05	3.48	1.11	0.18	19.65	3.64	1.21	0.13
17.10	3.48	1.11	0.18	19.70	3.65	1.22	0.13
17.15	3.49	1.11	0.17	19.75	3.65	1.22	0.13
17.20	3.49	1.11	0.17	19.80	3.65	1.22	0.13
17.25	3.49	1.12	0.17	19.85	3.65	1.22	0.13
17.30	3.50	1.12	0.17	19.90	3.66	1.22	0.13
17.35	3.50	1.12	0.17	19.95	3.66	1.23	0.13
17.40	3.50	1.12	0.17	20.00	3.66	1.23	0.12
17.45	3.51	1.13	0.16	20.05	3.66	1.23	0.12
17.50	3.51	1.13	0.16	20.10	3.67	1.23	0.12
17.55	3.52	1.13	0.16	20.15	3.67	1.23	0.12
17.60	3.52	1.13	0.16	20.20	3.67	1.24	0.12
17.65	3.52	1.14	0.16	20.25	3.68	1.24	0.12
17.70	3.53	1.14	0.16	20.30	3.68	1.24	0.12
17.75	3.53	1.14	0.16	20.35	3.68	1.24	0.12
17.80	3.53	1.14	0.15	20.40	3.68	1.24	0.12
17.85	3.54	1.14	0.15	20.45	3.69	1.24	0.12
17.90	3.54	1.15	0.15	20.50	3.69	1.25	0.12
17.95	3.54	1.15	0.15	20.55	3.69	1.25	0.12
18.00	3.54	1.15	0.15	20.60	3.69	1.25	0.12
18.05	3.55	1.15	0.15	20.65	3.70	1.25	0.12
18.10	3.55	1.15	0.14	20.70	3.70	1.25	0.12
18.15	3.55	1.16	0.14	20.75	3.70	1.25	0.12

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.26	0.12	23.40	3.82	1.34	0.10
20.85	3.71	1.26	0.12	23.45	3.83	1.34	0.10
20.90	3.71	1.26	0.12	23.50	3.83	1.34	0.10
20.95	3.71	1.26	0.12	23.55	3.83	1.34	0.10
21.00	3.71	1.26	0.12	23.60	3.83	1.34	0.10
21.05	3.72	1.27	0.12	23.65	3.84	1.35	0.10
21.10	3.72	1.27	0.12	23.70	3.84	1.35	0.10
21.15	3.72	1.27	0.12	23.75	3.84	1.35	0.09
21.20	3.72	1.27	0.12	23.80	3.84	1.35	0.09
21.25	3.73	1.27	0.11	23.85	3.84	1.35	0.09
21.30	3.73	1.27	0.11	23.90	3.85	1.35	0.09
21.35	3.73	1.28	0.11	23.95	3.85	1.35	0.09
21.40	3.73	1.28	0.11	24.00	3.85	1.36	0.09
21.45	3.74	1.28	0.11	24.05	3.85	1.36	0.10
21.50	3.74	1.28	0.11	24.10	3.85	1.36	0.09
21.55	3.74	1.28	0.11	24.15	3.85	1.36	0.09
21.60	3.74	1.28	0.11	24.20	3.85	1.36	0.07
21.65	3.75	1.29	0.11	24.25	3.85	1.36	0.05
21.70	3.75	1.29	0.11	24.30	3.85	1.36	0.03
21.75	3.75	1.29	0.11	24.35	3.85	1.36	0.02
21.80	3.75	1.29	0.11	24.40	3.85	1.36	0.01
21.85	3.76	1.29	0.11	24.45	3.85	1.36	0.01
21.90	3.76	1.29	0.11	24.50	3.85	1.36	0.01
21.95	3.76	1.29	0.11	24.55	3.85	1.36	0.00
22.00	3.76	1.30	0.11	24.60	3.85	1.36	0.00
22.05	3.77	1.30	0.11	24.65	3.85	1.36	0.00
22.10	3.77	1.30	0.11	24.70	3.85	1.36	0.00
22.15	3.77	1.30	0.11	24.75	3.85	1.36	0.00
22.20	3.77	1.30	0.11	24.80	3.85	1.36	0.00
22.25	3.77	1.30	0.11	24.85	3.85	1.36	0.00
22.30	3.78	1.31	0.11	24.90	3.85	1.36	0.00
22.35	3.78	1.31	0.11	24.95	3.85	1.36	0.00
22.40	3.78	1.31	0.11	25.00	3.85	1.36	0.00
22.45	3.78	1.31	0.11	25.05	3.85	1.36	0.00
22.50	3.79	1.31	0.11	25.10	3.85	1.36	0.00
22.55	3.79	1.31	0.10	25.15	3.85	1.36	0.00
22.60	3.79	1.32	0.10	25.20	3.85	1.36	0.00
22.65	3.79	1.32	0.10	25.25	3.85	1.36	0.00
22.70	3.79	1.32	0.10	25.30	3.85	1.36	0.00
22.75	3.80	1.32	0.10	25.35	3.85	1.36	0.00
22.80	3.80	1.32	0.10	25.40	3.85	1.36	0.00
22.85	3.80	1.32	0.10	25.45	3.85	1.36	0.00
22.90	3.80	1.32	0.10	25.50	3.85	1.36	0.00
22.95	3.81	1.33	0.10	25.55	3.85	1.36	0.00
23.00	3.81	1.33	0.10	25.60	3.85	1.36	0.00
23.05	3.81	1.33	0.10	25.65	3.85	1.36	0.00
23.10	3.81	1.33	0.10	25.70	3.85	1.36	0.00
23.15	3.81	1.33	0.10	25.75	3.85	1.36	0.00
23.20	3.82	1.33	0.10	25.80	3.85	1.36	0.00
23.25	3.82	1.33	0.10	25.85	3.85	1.36	0.00
23.30	3.82	1.34	0.10	25.90	3.85	1.36	0.00
23.35	3.82	1.34	0.10	25.95	3.85	1.36	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.36	0.00	28.60	3.85	1.36	0.00
26.05	3.85	1.36	0.00	28.65	3.85	1.36	0.00
26.10	3.85	1.36	0.00	28.70	3.85	1.36	0.00
26.15	3.85	1.36	0.00	28.75	3.85	1.36	0.00
26.20	3.85	1.36	0.00	28.80	3.85	1.36	0.00
26.25	3.85	1.36	0.00	28.85	3.85	1.36	0.00
26.30	3.85	1.36	0.00	28.90	3.85	1.36	0.00
26.35	3.85	1.36	0.00	28.95	3.85	1.36	0.00
26.40	3.85	1.36	0.00	29.00	3.85	1.36	0.00
26.45	3.85	1.36	0.00	29.05	3.85	1.36	0.00
26.50	3.85	1.36	0.00	29.10	3.85	1.36	0.00
26.55	3.85	1.36	0.00	29.15	3.85	1.36	0.00
26.60	3.85	1.36	0.00	29.20	3.85	1.36	0.00
26.65	3.85	1.36	0.00	29.25	3.85	1.36	0.00
26.70	3.85	1.36	0.00	29.30	3.85	1.36	0.00
26.75	3.85	1.36	0.00	29.35	3.85	1.36	0.00
26.80	3.85	1.36	0.00	29.40	3.85	1.36	0.00
26.85	3.85	1.36	0.00	29.45	3.85	1.36	0.00
26.90	3.85	1.36	0.00	29.50	3.85	1.36	0.00
26.95	3.85	1.36	0.00	29.55	3.85	1.36	0.00
27.00	3.85	1.36	0.00	29.60	3.85	1.36	0.00
27.05	3.85	1.36	0.00	29.65	3.85	1.36	0.00
27.10	3.85	1.36	0.00	29.70	3.85	1.36	0.00
27.15	3.85	1.36	0.00	29.75	3.85	1.36	0.00
27.20	3.85	1.36	0.00	29.80	3.85	1.36	0.00
27.25	3.85	1.36	0.00	29.85	3.85	1.36	0.00
27.30	3.85	1.36	0.00	29.90	3.85	1.36	0.00
27.35	3.85	1.36	0.00	29.95	3.85	1.36	0.00
27.40	3.85	1.36	0.00	30.00	3.85	1.36	0.00
27.45	3.85	1.36	0.00	30.05	3.85	1.36	0.00
27.50	3.85	1.36	0.00	30.10	3.85	1.36	0.00
27.55	3.85	1.36	0.00	30.15	3.85	1.36	0.00
27.60	3.85	1.36	0.00	30.20	3.85	1.36	0.00
27.65	3.85	1.36	0.00	30.25	3.85	1.36	0.00
27.70	3.85	1.36	0.00	30.30	3.85	1.36	0.00
27.75	3.85	1.36	0.00	30.35	3.85	1.36	0.00
27.80	3.85	1.36	0.00	30.40	3.85	1.36	0.00
27.85	3.85	1.36	0.00	30.45	3.85	1.36	0.00
27.90	3.85	1.36	0.00	30.50	3.85	1.36	0.00
27.95	3.85	1.36	0.00	30.55	3.85	1.36	0.00
28.00	3.85	1.36	0.00	30.60	3.85	1.36	0.00
28.05	3.85	1.36	0.00	30.65	3.85	1.36	0.00
28.10	3.85	1.36	0.00	30.70	3.85	1.36	0.00
28.15	3.85	1.36	0.00	30.75	3.85	1.36	0.00
28.20	3.85	1.36	0.00	30.80	3.85	1.36	0.00
28.25	3.85	1.36	0.00	30.85	3.85	1.36	0.00
28.30	3.85	1.36	0.00	30.90	3.85	1.36	0.00
28.35	3.85	1.36	0.00	30.95	3.85	1.36	0.00
28.40	3.85	1.36	0.00	31.00	3.85	1.36	0.00
28.45	3.85	1.36	0.00	31.05	3.85	1.36	0.00
28.50	3.85	1.36	0.00	31.10	3.85	1.36	0.00
28.55	3.85	1.36	0.00	31.15	3.85	1.36	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.36	0.00	33.80	3.85	1.36	0.00
31.25	3.85	1.36	0.00	33.85	3.85	1.36	0.00
31.30	3.85	1.36	0.00	33.90	3.85	1.36	0.00
31.35	3.85	1.36	0.00	33.95	3.85	1.36	0.00
31.40	3.85	1.36	0.00	34.00	3.85	1.36	0.00
31.45	3.85	1.36	0.00	34.05	3.85	1.36	0.00
31.50	3.85	1.36	0.00	34.10	3.85	1.36	0.00
31.55	3.85	1.36	0.00	34.15	3.85	1.36	0.00
31.60	3.85	1.36	0.00	34.20	3.85	1.36	0.00
31.65	3.85	1.36	0.00	34.25	3.85	1.36	0.00
31.70	3.85	1.36	0.00	34.30	3.85	1.36	0.00
31.75	3.85	1.36	0.00	34.35	3.85	1.36	0.00
31.80	3.85	1.36	0.00	34.40	3.85	1.36	0.00
31.85	3.85	1.36	0.00	34.45	3.85	1.36	0.00
31.90	3.85	1.36	0.00	34.50	3.85	1.36	0.00
31.95	3.85	1.36	0.00	34.55	3.85	1.36	0.00
32.00	3.85	1.36	0.00	34.60	3.85	1.36	0.00
32.05	3.85	1.36	0.00	34.65	3.85	1.36	0.00
32.10	3.85	1.36	0.00	34.70	3.85	1.36	0.00
32.15	3.85	1.36	0.00	34.75	3.85	1.36	0.00
32.20	3.85	1.36	0.00	34.80	3.85	1.36	0.00
32.25	3.85	1.36	0.00	34.85	3.85	1.36	0.00
32.30	3.85	1.36	0.00	34.90	3.85	1.36	0.00
32.35	3.85	1.36	0.00	34.95	3.85	1.36	0.00
32.40	3.85	1.36	0.00	35.00	3.85	1.36	0.00
32.45	3.85	1.36	0.00	35.05	3.85	1.36	0.00
32.50	3.85	1.36	0.00	35.10	3.85	1.36	0.00
32.55	3.85	1.36	0.00	35.15	3.85	1.36	0.00
32.60	3.85	1.36	0.00	35.20	3.85	1.36	0.00
32.65	3.85	1.36	0.00	35.25	3.85	1.36	0.00
32.70	3.85	1.36	0.00	35.30	3.85	1.36	0.00
32.75	3.85	1.36	0.00	35.35	3.85	1.36	0.00
32.80	3.85	1.36	0.00	35.40	3.85	1.36	0.00
32.85	3.85	1.36	0.00	35.45	3.85	1.36	0.00
32.90	3.85	1.36	0.00	35.50	3.85	1.36	0.00
32.95	3.85	1.36	0.00	35.55	3.85	1.36	0.00
33.00	3.85	1.36	0.00	35.60	3.85	1.36	0.00
33.05	3.85	1.36	0.00	35.65	3.85	1.36	0.00
33.10	3.85	1.36	0.00	35.70	3.85	1.36	0.00
33.15	3.85	1.36	0.00	35.75	3.85	1.36	0.00
33.20	3.85	1.36	0.00	35.80	3.85	1.36	0.00
33.25	3.85	1.36	0.00	35.85	3.85	1.36	0.00
33.30	3.85	1.36	0.00	35.90	3.85	1.36	0.00
33.35	3.85	1.36	0.00	35.95	3.85	1.36	0.00
33.40	3.85	1.36	0.00	36.00	3.85	1.36	0.00
33.45	3.85	1.36	0.00	36.05	3.85	1.36	0.00
33.50	3.85	1.36	0.00	36.10	3.85	1.36	0.00
33.55	3.85	1.36	0.00	36.15	3.85	1.36	0.00
33.60	3.85	1.36	0.00	36.20	3.85	1.36	0.00
33.65	3.85	1.36	0.00	36.25	3.85	1.36	0.00
33.70	3.85	1.36	0.00	36.30	3.85	1.36	0.00
33.75	3.85	1.36	0.00	36.35	3.85	1.36	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.36	0.00	39.00	3.85	1.36	0.00
36.45	3.85	1.36	0.00	39.05	3.85	1.36	0.00
36.50	3.85	1.36	0.00	39.10	3.85	1.36	0.00
36.55	3.85	1.36	0.00	39.15	3.85	1.36	0.00
36.60	3.85	1.36	0.00	39.20	3.85	1.36	0.00
36.65	3.85	1.36	0.00	39.25	3.85	1.36	0.00
36.70	3.85	1.36	0.00	39.30	3.85	1.36	0.00
36.75	3.85	1.36	0.00	39.35	3.85	1.36	0.00
36.80	3.85	1.36	0.00	39.40	3.85	1.36	0.00
36.85	3.85	1.36	0.00	39.45	3.85	1.36	0.00
36.90	3.85	1.36	0.00	39.50	3.85	1.36	0.00
36.95	3.85	1.36	0.00	39.55	3.85	1.36	0.00
37.00	3.85	1.36	0.00	39.60	3.85	1.36	0.00
37.05	3.85	1.36	0.00	39.65	3.85	1.36	0.00
37.10	3.85	1.36	0.00	39.70	3.85	1.36	0.00
37.15	3.85	1.36	0.00	39.75	3.85	1.36	0.00
37.20	3.85	1.36	0.00	39.80	3.85	1.36	0.00
37.25	3.85	1.36	0.00	39.85	3.85	1.36	0.00
37.30	3.85	1.36	0.00	39.90	3.85	1.36	0.00
37.35	3.85	1.36	0.00	39.95	3.85	1.36	0.00
37.40	3.85	1.36	0.00	40.00	3.85	1.36	0.00
37.45	3.85	1.36	0.00				
37.50	3.85	1.36	0.00				
37.55	3.85	1.36	0.00				
37.60	3.85	1.36	0.00				
37.65	3.85	1.36	0.00				
37.70	3.85	1.36	0.00				
37.75	3.85	1.36	0.00				
37.80	3.85	1.36	0.00				
37.85	3.85	1.36	0.00				
37.90	3.85	1.36	0.00				
37.95	3.85	1.36	0.00				
38.00	3.85	1.36	0.00				
38.05	3.85	1.36	0.00				
38.10	3.85	1.36	0.00				
38.15	3.85	1.36	0.00				
38.20	3.85	1.36	0.00				
38.25	3.85	1.36	0.00				
38.30	3.85	1.36	0.00				
38.35	3.85	1.36	0.00				
38.40	3.85	1.36	0.00				
38.45	3.85	1.36	0.00				
38.50	3.85	1.36	0.00				
38.55	3.85	1.36	0.00				
38.60	3.85	1.36	0.00				
38.65	3.85	1.36	0.00				
38.70	3.85	1.36	0.00				
38.75	3.85	1.36	0.00				
38.80	3.85	1.36	0.00				
38.85	3.85	1.36	0.00				
38.90	3.85	1.36	0.00				
38.95	3.85	1.36	0.00				

Summary for Pond 1P: Porous Pavement

Inflow Area = 0.568 ac, 100.00% Impervious, Inflow Depth = 3.62" for Future 2 yr event
 Inflow = 2.48 cfs @ 12.09 hrs, Volume= 0.171 af
 Outflow = 1.38 cfs @ 12.17 hrs, Volume= 0.122 af, Atten= 44%, Lag= 4.9 min
 Primary = 1.38 cfs @ 12.17 hrs, Volume= 0.122 af
 Routed to Pond B-40 : Basin #40

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.10' @ 12.17 hrs Surf.Area= 0.070 ac Storage= 0.078 af

Plug-Flow detention time= 201.9 min calculated for 0.122 af (71% of inflow)
 Center-of-Mass det. time= 107.4 min (858.7 - 751.3)

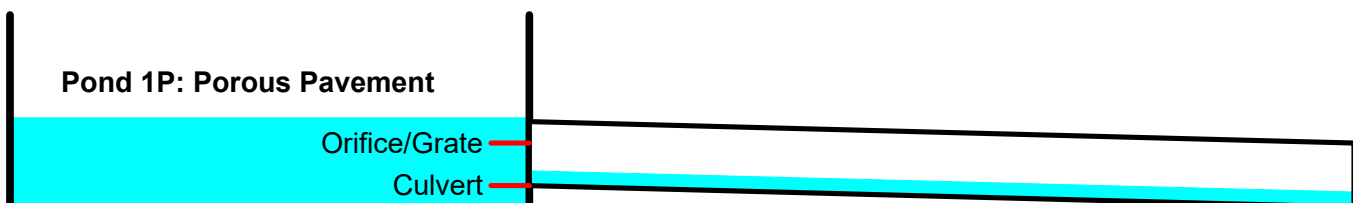
Volume	Invert	Avail.Storage	Storage Description
#1A	202.00'	0.082 af	48.50'W x 63.00'L x 4.50'H Field A 0.316 af Overall - 0.110 af Embedded = 0.206 af x 40.0% Voids
#2A	202.50'	0.088 af	ADS N-12 36" x 27 Inside #1 Inside= 36.1"W x 36.1"H => 7.10 sf x 20.00'L = 142.0 cf Outside= 42.0"W x 42.0"H => 8.86 sf x 20.00'L = 177.1 cf 27 Chambers in 9 Rows
0.170 af			Total Available Storage

Storage Group A created with Chamber Wizard

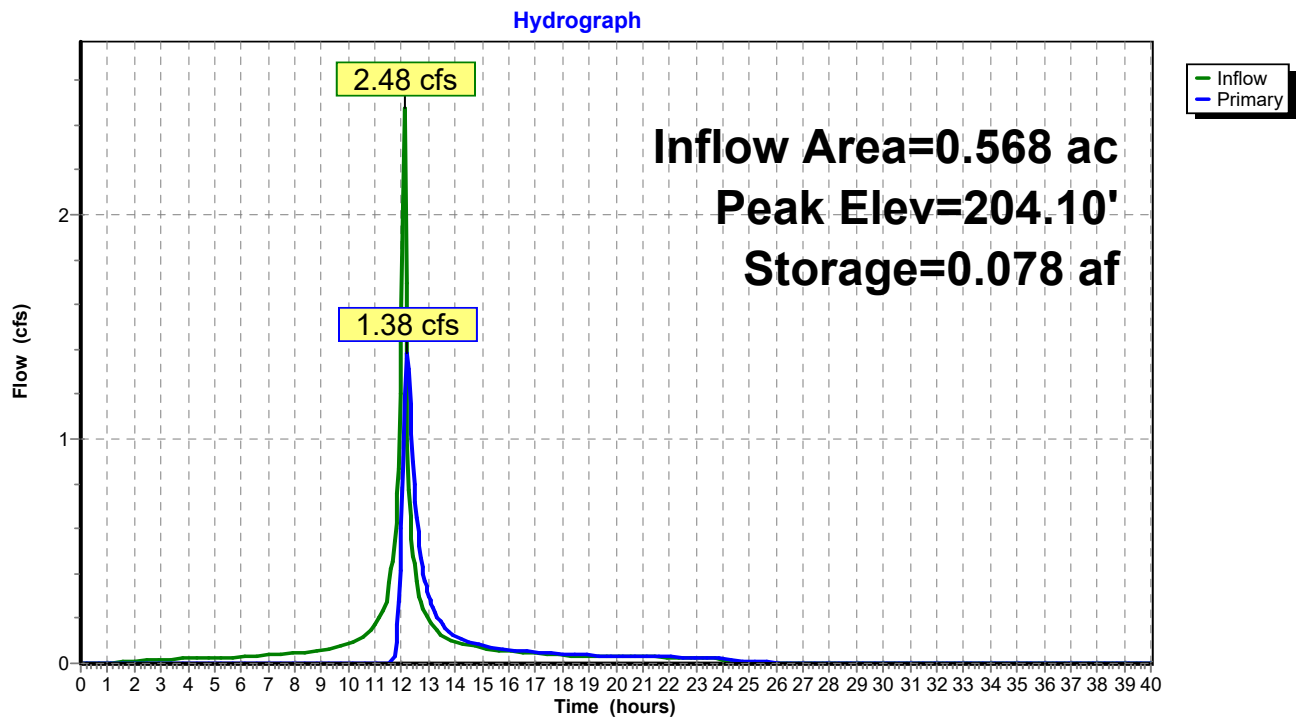
Device	Routing	Invert	Outlet Devices
#1	Primary	202.50'	18.0" Round Culvert L= 100.0' Ke= 1.000 Inlet / Outlet Invert= 202.50' / 202.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	203.50'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=1.36 cfs @ 12.17 hrs HW=204.09' (Free Discharge)

↑ **1=Culvert** (Passes 1.36 cfs of 5.84 cfs potential flow)
 ↑ **2=Orifice/Grate** (Orifice Controls 1.36 cfs @ 2.72 fps)



Pond 1P: Porous Pavement



Hydrograph for Pond 1P: Porous Pavement

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.000	202.00	0.00
0.10	0.00	0.000	202.00	0.00
0.20	0.00	0.000	202.00	0.00
0.30	0.00	0.000	202.00	0.00
0.40	0.00	0.000	202.00	0.00
0.50	0.00	0.000	202.00	0.00
0.60	0.00	0.000	202.00	0.00
0.70	0.00	0.000	202.00	0.00
0.80	0.00	0.000	202.00	0.00
0.90	0.00	0.000	202.00	0.00
1.00	0.00	0.000	202.00	0.00
1.10	0.00	0.000	202.00	0.00
1.20	0.00	0.000	202.00	0.00
1.30	0.00	0.000	202.00	0.00
1.40	0.00	0.000	202.00	0.00
1.50	0.00	0.000	202.00	0.00
1.60	0.01	0.000	202.00	0.00
1.70	0.01	0.000	202.01	0.00
1.80	0.01	0.000	202.01	0.00
1.90	0.01	0.000	202.01	0.00
2.00	0.01	0.000	202.01	0.00
2.10	0.01	0.000	202.02	0.00
2.20	0.01	0.001	202.02	0.00
2.30	0.01	0.001	202.02	0.00
2.40	0.01	0.001	202.02	0.00
2.50	0.01	0.001	202.03	0.00
2.60	0.01	0.001	202.03	0.00
2.70	0.01	0.001	202.04	0.00
2.80	0.01	0.001	202.04	0.00
2.90	0.01	0.001	202.04	0.00
3.00	0.02	0.001	202.05	0.00
3.10	0.02	0.001	202.05	0.00
3.20	0.02	0.002	202.06	0.00
3.30	0.02	0.002	202.06	0.00
3.40	0.02	0.002	202.07	0.00
3.50	0.02	0.002	202.07	0.00
3.60	0.02	0.002	202.08	0.00
3.70	0.02	0.002	202.08	0.00
3.80	0.02	0.003	202.09	0.00
3.90	0.02	0.003	202.10	0.00
4.00	0.02	0.003	202.10	0.00
4.10	0.02	0.003	202.11	0.00
4.20	0.02	0.003	202.11	0.00
4.30	0.02	0.003	202.12	0.00
4.40	0.02	0.004	202.13	0.00
4.50	0.02	0.004	202.13	0.00
4.60	0.02	0.004	202.14	0.00
4.70	0.02	0.004	202.15	0.00
4.80	0.02	0.004	202.15	0.00
4.90	0.02	0.005	202.16	0.00
5.00	0.02	0.005	202.17	0.00
5.10	0.03	0.005	202.18	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	0.005	202.18	0.00
5.30	0.03	0.005	202.19	0.00
5.40	0.03	0.006	202.20	0.00
5.50	0.03	0.006	202.21	0.00
5.60	0.03	0.006	202.21	0.00
5.70	0.03	0.006	202.22	0.00
5.80	0.03	0.006	202.23	0.00
5.90	0.03	0.007	202.24	0.00
6.00	0.03	0.007	202.25	0.00
6.10	0.03	0.007	202.26	0.00
6.20	0.03	0.007	202.26	0.00
6.30	0.03	0.008	202.27	0.00
6.40	0.03	0.008	202.28	0.00
6.50	0.03	0.008	202.29	0.00
6.60	0.03	0.008	202.30	0.00
6.70	0.04	0.009	202.31	0.00
6.80	0.04	0.009	202.32	0.00
6.90	0.04	0.009	202.33	0.00
7.00	0.04	0.010	202.34	0.00
7.10	0.04	0.010	202.36	0.00
7.20	0.04	0.010	202.37	0.00
7.30	0.04	0.011	202.38	0.00
7.40	0.04	0.011	202.39	0.00
7.50	0.04	0.011	202.40	0.00
7.60	0.04	0.012	202.42	0.00
7.70	0.04	0.012	202.43	0.00
7.80	0.05	0.012	202.44	0.00
7.90	0.05	0.013	202.46	0.00
8.00	0.05	0.013	202.47	0.00
8.10	0.05	0.014	202.48	0.00
8.20	0.05	0.014	202.50	0.00
8.30	0.05	0.014	202.51	0.00
8.40	0.05	0.015	202.53	0.00
8.50	0.05	0.015	202.55	0.00
8.60	0.05	0.016	202.57	0.00
8.70	0.05	0.016	202.58	0.00
8.80	0.05	0.017	202.60	0.00
8.90	0.06	0.017	202.62	0.00
9.00	0.06	0.017	202.65	0.00
9.10	0.06	0.018	202.67	0.00
9.20	0.06	0.018	202.69	0.00
9.30	0.07	0.019	202.72	0.00
9.40	0.07	0.020	202.75	0.00
9.50	0.07	0.020	202.77	0.00
9.60	0.08	0.021	202.79	0.00
9.70	0.08	0.021	202.82	0.00
9.80	0.08	0.022	202.84	0.00
9.90	0.09	0.023	202.86	0.00
10.00	0.09	0.024	202.88	0.00
10.10	0.09	0.024	202.90	0.00
10.20	0.10	0.025	202.93	0.00
10.30	0.10	0.026	202.95	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
10.40	0.10	0.027	202.97	0.00
10.50	0.11	0.028	202.99	0.00
10.60	0.12	0.028	203.02	0.00
10.70	0.13	0.030	203.05	0.00
10.80	0.14	0.031	203.07	0.00
10.90	0.16	0.032	203.11	0.00
11.00	0.17	0.033	203.14	0.00
11.10	0.19	0.035	203.17	0.00
11.20	0.21	0.036	203.22	0.00
11.30	0.24	0.038	203.26	0.00
11.40	0.26	0.040	203.31	0.00
11.50	0.28	0.043	203.36	0.00
11.60	0.43	0.046	203.42	0.00
11.70	0.46	0.049	203.50	0.00
11.80	0.62	0.053	203.59	0.09
11.90	0.87	0.058	203.69	0.27
12.00	1.49	0.064	203.83	0.60
12.10	2.47	0.074	204.02	1.19
12.20	0.99	0.077	204.09	1.36
12.30	0.65	0.073	204.01	1.16
12.40	0.48	0.069	203.93	0.90
12.50	0.44	0.066	203.87	0.72
12.60	0.30	0.064	203.82	0.58
12.70	0.27	0.062	203.78	0.47
12.80	0.25	0.061	203.75	0.40
12.90	0.22	0.060	203.72	0.34
13.00	0.20	0.059	203.71	0.30
13.10	0.18	0.058	203.69	0.26
13.20	0.16	0.057	203.68	0.24
13.30	0.15	0.057	203.66	0.21
13.40	0.14	0.056	203.65	0.19
13.50	0.12	0.056	203.64	0.18
13.60	0.11	0.055	203.63	0.16
13.70	0.11	0.055	203.63	0.15
13.80	0.10	0.055	203.62	0.14
13.90	0.10	0.054	203.62	0.13
14.00	0.10	0.054	203.61	0.12
14.10	0.09	0.054	203.61	0.11
14.20	0.09	0.054	203.60	0.11
14.30	0.09	0.054	203.60	0.10
14.40	0.08	0.054	203.60	0.10
14.50	0.08	0.053	203.60	0.10
14.60	0.08	0.053	203.59	0.09
14.70	0.07	0.053	203.59	0.09
14.80	0.07	0.053	203.59	0.08
14.90	0.07	0.053	203.59	0.08
15.00	0.06	0.053	203.58	0.08
15.10	0.06	0.053	203.58	0.07
15.20	0.06	0.053	203.58	0.07
15.30	0.06	0.053	203.58	0.07
15.40	0.06	0.053	203.58	0.07
15.50	0.06	0.052	203.57	0.07

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
15.60	0.06	0.052	203.57	0.06
15.70	0.06	0.052	203.57	0.06
15.80	0.06	0.052	203.57	0.06
15.90	0.05	0.052	203.57	0.06
16.00	0.05	0.052	203.57	0.06
16.10	0.05	0.052	203.57	0.06
16.20	0.05	0.052	203.57	0.06
16.30	0.05	0.052	203.57	0.06
16.40	0.05	0.052	203.57	0.05
16.50	0.05	0.052	203.56	0.05
16.60	0.05	0.052	203.56	0.05
16.70	0.05	0.052	203.56	0.05
16.80	0.05	0.052	203.56	0.05
16.90	0.05	0.052	203.56	0.05
17.00	0.05	0.052	203.56	0.05
17.10	0.04	0.052	203.56	0.05
17.20	0.04	0.052	203.56	0.05
17.30	0.04	0.052	203.56	0.05
17.40	0.04	0.052	203.56	0.05
17.50	0.04	0.052	203.56	0.04
17.60	0.04	0.052	203.56	0.04
17.70	0.04	0.052	203.56	0.04
17.80	0.04	0.052	203.56	0.04
17.90	0.04	0.052	203.55	0.04
18.00	0.04	0.051	203.55	0.04
18.10	0.04	0.051	203.55	0.04
18.20	0.04	0.051	203.55	0.04
18.30	0.03	0.051	203.55	0.04
18.40	0.03	0.051	203.55	0.04
18.50	0.03	0.051	203.55	0.04
18.60	0.03	0.051	203.55	0.04
18.70	0.03	0.051	203.55	0.04
18.80	0.03	0.051	203.55	0.04
18.90	0.03	0.051	203.55	0.04
19.00	0.03	0.051	203.55	0.04
19.10	0.03	0.051	203.55	0.03
19.20	0.03	0.051	203.55	0.03
19.30	0.03	0.051	203.55	0.03
19.40	0.03	0.051	203.55	0.03
19.50	0.03	0.051	203.55	0.03
19.60	0.03	0.051	203.55	0.03
19.70	0.03	0.051	203.55	0.03
19.80	0.03	0.051	203.55	0.03
19.90	0.03	0.051	203.55	0.03
20.00	0.03	0.051	203.55	0.03
20.10	0.03	0.051	203.55	0.03
20.20	0.03	0.051	203.55	0.03
20.30	0.03	0.051	203.55	0.03
20.40	0.03	0.051	203.55	0.03
20.50	0.03	0.051	203.55	0.03
20.60	0.03	0.051	203.55	0.03
20.70	0.03	0.051	203.54	0.03

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
20.80	0.03	0.051	203.54	0.03
20.90	0.03	0.051	203.54	0.03
21.00	0.03	0.051	203.54	0.03
21.10	0.03	0.051	203.54	0.03
21.20	0.03	0.051	203.54	0.03
21.30	0.03	0.051	203.54	0.03
21.40	0.03	0.051	203.54	0.03
21.50	0.03	0.051	203.54	0.03
21.60	0.03	0.051	203.54	0.03
21.70	0.03	0.051	203.54	0.03
21.80	0.03	0.051	203.54	0.03
21.90	0.03	0.051	203.54	0.03
22.00	0.03	0.051	203.54	0.03
22.10	0.03	0.051	203.54	0.03
22.20	0.03	0.051	203.54	0.03
22.30	0.03	0.051	203.54	0.03
22.40	0.03	0.051	203.54	0.03
22.50	0.03	0.051	203.54	0.03
22.60	0.03	0.051	203.54	0.03
22.70	0.03	0.051	203.54	0.03
22.80	0.03	0.051	203.54	0.03
22.90	0.02	0.051	203.54	0.03
23.00	0.02	0.051	203.54	0.03
23.10	0.02	0.051	203.54	0.03
23.20	0.02	0.051	203.54	0.03
23.30	0.02	0.051	203.54	0.03
23.40	0.02	0.051	203.54	0.03
23.50	0.02	0.051	203.54	0.02
23.60	0.02	0.051	203.54	0.02
23.70	0.02	0.051	203.54	0.02
23.80	0.02	0.051	203.54	0.02
23.90	0.02	0.051	203.54	0.02
24.00	0.03	0.051	203.54	0.02
24.10	0.00	0.051	203.54	0.02
24.20	0.00	0.050	203.53	0.02
24.30	0.00	0.050	203.53	0.02
24.40	0.00	0.050	203.53	0.01
24.50	0.00	0.050	203.52	0.01
24.60	0.00	0.050	203.52	0.01
24.70	0.00	0.050	203.52	0.01
24.80	0.00	0.050	203.52	0.01
24.90	0.00	0.050	203.52	0.01
25.00	0.00	0.050	203.52	0.01
25.10	0.00	0.050	203.51	0.01
25.20	0.00	0.050	203.51	0.01
25.30	0.00	0.050	203.51	0.01
25.40	0.00	0.050	203.51	0.00
25.50	0.00	0.050	203.51	0.00
25.60	0.00	0.049	203.51	0.00
25.70	0.00	0.049	203.51	0.00
25.80	0.00	0.049	203.51	0.00
25.90	0.00	0.049	203.51	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.049	203.51	0.00
26.10	0.00	0.049	203.51	0.00
26.20	0.00	0.049	203.51	0.00
26.30	0.00	0.049	203.51	0.00
26.40	0.00	0.049	203.51	0.00
26.50	0.00	0.049	203.51	0.00
26.60	0.00	0.049	203.51	0.00
26.70	0.00	0.049	203.50	0.00
26.80	0.00	0.049	203.50	0.00
26.90	0.00	0.049	203.50	0.00
27.00	0.00	0.049	203.50	0.00
27.10	0.00	0.049	203.50	0.00
27.20	0.00	0.049	203.50	0.00
27.30	0.00	0.049	203.50	0.00
27.40	0.00	0.049	203.50	0.00
27.50	0.00	0.049	203.50	0.00
27.60	0.00	0.049	203.50	0.00
27.70	0.00	0.049	203.50	0.00
27.80	0.00	0.049	203.50	0.00
27.90	0.00	0.049	203.50	0.00
28.00	0.00	0.049	203.50	0.00
28.10	0.00	0.049	203.50	0.00
28.20	0.00	0.049	203.50	0.00
28.30	0.00	0.049	203.50	0.00
28.40	0.00	0.049	203.50	0.00
28.50	0.00	0.049	203.50	0.00
28.60	0.00	0.049	203.50	0.00
28.70	0.00	0.049	203.50	0.00
28.80	0.00	0.049	203.50	0.00
28.90	0.00	0.049	203.50	0.00
29.00	0.00	0.049	203.50	0.00
29.10	0.00	0.049	203.50	0.00
29.20	0.00	0.049	203.50	0.00
29.30	0.00	0.049	203.50	0.00
29.40	0.00	0.049	203.50	0.00
29.50	0.00	0.049	203.50	0.00
29.60	0.00	0.049	203.50	0.00
29.70	0.00	0.049	203.50	0.00
29.80	0.00	0.049	203.50	0.00
29.90	0.00	0.049	203.50	0.00
30.00	0.00	0.049	203.50	0.00
30.10	0.00	0.049	203.50	0.00
30.20	0.00	0.049	203.50	0.00
30.30	0.00	0.049	203.50	0.00
30.40	0.00	0.049	203.50	0.00
30.50	0.00	0.049	203.50	0.00
30.60	0.00	0.049	203.50	0.00
30.70	0.00	0.049	203.50	0.00
30.80	0.00	0.049	203.50	0.00
30.90	0.00	0.049	203.50	0.00
31.00	0.00	0.049	203.50	0.00
31.10	0.00	0.049	203.50	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.049	203.50	0.00
31.30	0.00	0.049	203.50	0.00
31.40	0.00	0.049	203.50	0.00
31.50	0.00	0.049	203.50	0.00
31.60	0.00	0.049	203.50	0.00
31.70	0.00	0.049	203.50	0.00
31.80	0.00	0.049	203.50	0.00
31.90	0.00	0.049	203.50	0.00
32.00	0.00	0.049	203.50	0.00
32.10	0.00	0.049	203.50	0.00
32.20	0.00	0.049	203.50	0.00
32.30	0.00	0.049	203.50	0.00
32.40	0.00	0.049	203.50	0.00
32.50	0.00	0.049	203.50	0.00
32.60	0.00	0.049	203.50	0.00
32.70	0.00	0.049	203.50	0.00
32.80	0.00	0.049	203.50	0.00
32.90	0.00	0.049	203.50	0.00
33.00	0.00	0.049	203.50	0.00
33.10	0.00	0.049	203.50	0.00
33.20	0.00	0.049	203.50	0.00
33.30	0.00	0.049	203.50	0.00
33.40	0.00	0.049	203.50	0.00
33.50	0.00	0.049	203.50	0.00
33.60	0.00	0.049	203.50	0.00
33.70	0.00	0.049	203.50	0.00
33.80	0.00	0.049	203.50	0.00
33.90	0.00	0.049	203.50	0.00
34.00	0.00	0.049	203.50	0.00
34.10	0.00	0.049	203.50	0.00
34.20	0.00	0.049	203.50	0.00
34.30	0.00	0.049	203.50	0.00
34.40	0.00	0.049	203.50	0.00
34.50	0.00	0.049	203.50	0.00
34.60	0.00	0.049	203.50	0.00
34.70	0.00	0.049	203.50	0.00
34.80	0.00	0.049	203.50	0.00
34.90	0.00	0.049	203.50	0.00
35.00	0.00	0.049	203.50	0.00
35.10	0.00	0.049	203.50	0.00
35.20	0.00	0.049	203.50	0.00
35.30	0.00	0.049	203.50	0.00
35.40	0.00	0.049	203.50	0.00
35.50	0.00	0.049	203.50	0.00
35.60	0.00	0.049	203.50	0.00
35.70	0.00	0.049	203.50	0.00
35.80	0.00	0.049	203.50	0.00
35.90	0.00	0.049	203.50	0.00
36.00	0.00	0.049	203.50	0.00
36.10	0.00	0.049	203.50	0.00
36.20	0.00	0.049	203.50	0.00
36.30	0.00	0.049	203.50	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.049	203.50	0.00
36.50	0.00	0.049	203.50	0.00
36.60	0.00	0.049	203.50	0.00
36.70	0.00	0.049	203.50	0.00
36.80	0.00	0.049	203.50	0.00
36.90	0.00	0.049	203.50	0.00
37.00	0.00	0.049	203.50	0.00
37.10	0.00	0.049	203.50	0.00
37.20	0.00	0.049	203.50	0.00
37.30	0.00	0.049	203.50	0.00
37.40	0.00	0.049	203.50	0.00
37.50	0.00	0.049	203.50	0.00
37.60	0.00	0.049	203.50	0.00
37.70	0.00	0.049	203.50	0.00
37.80	0.00	0.049	203.50	0.00
37.90	0.00	0.049	203.50	0.00
38.00	0.00	0.049	203.50	0.00
38.10	0.00	0.049	203.50	0.00
38.20	0.00	0.049	203.50	0.00
38.30	0.00	0.049	203.50	0.00
38.40	0.00	0.049	203.50	0.00
38.50	0.00	0.049	203.50	0.00
38.60	0.00	0.049	203.50	0.00
38.70	0.00	0.049	203.50	0.00
38.80	0.00	0.049	203.50	0.00
38.90	0.00	0.049	203.50	0.00
39.00	0.00	0.049	203.50	0.00
39.10	0.00	0.049	203.50	0.00
39.20	0.00	0.049	203.50	0.00
39.30	0.00	0.049	203.50	0.00
39.40	0.00	0.049	203.50	0.00
39.50	0.00	0.049	203.50	0.00
39.60	0.00	0.049	203.50	0.00
39.70	0.00	0.049	203.50	0.00
39.80	0.00	0.049	203.50	0.00
39.90	0.00	0.049	203.50	0.00
40.00	0.00	0.049	203.50	0.00

Stage-Discharge for Pond 1P: Porous Pavement

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.00	203.56	0.05
202.01	0.00	202.53	0.00	203.05	0.00	203.57	0.06
202.02	0.00	202.54	0.00	203.06	0.00	203.58	0.07
202.03	0.00	202.55	0.00	203.07	0.00	203.59	0.09
202.04	0.00	202.56	0.00	203.08	0.00	203.60	0.10
202.05	0.00	202.57	0.00	203.09	0.00	203.61	0.12
202.06	0.00	202.58	0.00	203.10	0.00	203.62	0.13
202.07	0.00	202.59	0.00	203.11	0.00	203.63	0.15
202.08	0.00	202.60	0.00	203.12	0.00	203.64	0.17
202.09	0.00	202.61	0.00	203.13	0.00	203.65	0.19
202.10	0.00	202.62	0.00	203.14	0.00	203.66	0.21
202.11	0.00	202.63	0.00	203.15	0.00	203.67	0.22
202.12	0.00	202.64	0.00	203.16	0.00	203.68	0.25
202.13	0.00	202.65	0.00	203.17	0.00	203.69	0.27
202.14	0.00	202.66	0.00	203.18	0.00	203.70	0.29
202.15	0.00	202.67	0.00	203.19	0.00	203.71	0.31
202.16	0.00	202.68	0.00	203.20	0.00	203.72	0.33
202.17	0.00	202.69	0.00	203.21	0.00	203.73	0.35
202.18	0.00	202.70	0.00	203.22	0.00	203.74	0.38
202.19	0.00	202.71	0.00	203.23	0.00	203.75	0.40
202.20	0.00	202.72	0.00	203.24	0.00	203.76	0.43
202.21	0.00	202.73	0.00	203.25	0.00	203.77	0.45
202.22	0.00	202.74	0.00	203.26	0.00	203.78	0.48
202.23	0.00	202.75	0.00	203.27	0.00	203.79	0.50
202.24	0.00	202.76	0.00	203.28	0.00	203.80	0.53
202.25	0.00	202.77	0.00	203.29	0.00	203.81	0.55
202.26	0.00	202.78	0.00	203.30	0.00	203.82	0.58
202.27	0.00	202.79	0.00	203.31	0.00	203.83	0.61
202.28	0.00	202.80	0.00	203.32	0.00	203.84	0.64
202.29	0.00	202.81	0.00	203.33	0.00	203.85	0.66
202.30	0.00	202.82	0.00	203.34	0.00	203.86	0.69
202.31	0.00	202.83	0.00	203.35	0.00	203.87	0.72
202.32	0.00	202.84	0.00	203.36	0.00	203.88	0.75
202.33	0.00	202.85	0.00	203.37	0.00	203.89	0.78
202.34	0.00	202.86	0.00	203.38	0.00	203.90	0.81
202.35	0.00	202.87	0.00	203.39	0.00	203.91	0.84
202.36	0.00	202.88	0.00	203.40	0.00	203.92	0.87
202.37	0.00	202.89	0.00	203.41	0.00	203.93	0.91
202.38	0.00	202.90	0.00	203.42	0.00	203.94	0.94
202.39	0.00	202.91	0.00	203.43	0.00	203.95	0.97
202.40	0.00	202.92	0.00	203.44	0.00	203.96	1.00
202.41	0.00	202.93	0.00	203.45	0.00	203.97	1.03
202.42	0.00	202.94	0.00	203.46	0.00	203.98	1.07
202.43	0.00	202.95	0.00	203.47	0.00	203.99	1.10
202.44	0.00	202.96	0.00	203.48	0.00	204.00	1.13
202.45	0.00	202.97	0.00	203.49	0.00	204.01	1.17
202.46	0.00	202.98	0.00	203.50	0.00	204.02	1.19
202.47	0.00	202.99	0.00	203.51	0.00	204.03	1.22
202.48	0.00	203.00	0.00	203.52	0.01	204.04	1.25
202.49	0.00	203.01	0.00	203.53	0.02	204.05	1.27
202.50	0.00	203.02	0.00	203.54	0.03	204.06	1.30
202.51	0.00	203.03	0.00	203.55	0.04	204.07	1.32

Stage-Discharge for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.35	204.60	2.21	205.12	2.81	205.64	3.31
204.09	1.37	204.61	2.22	205.13	2.82	205.65	3.32
204.10	1.39	204.62	2.24	205.14	2.83	205.66	3.32
204.11	1.41	204.63	2.25	205.15	2.84	205.67	3.33
204.12	1.43	204.64	2.26	205.16	2.85	205.68	3.34
204.13	1.45	204.65	2.28	205.17	2.87	205.69	3.35
204.14	1.48	204.66	2.29	205.18	2.88	205.70	3.36
204.15	1.50	204.67	2.30	205.19	2.89	205.71	3.37
204.16	1.52	204.68	2.31	205.20	2.90	205.72	3.38
204.17	1.54	204.69	2.33	205.21	2.91	205.73	3.39
204.18	1.55	204.70	2.34	205.22	2.92	205.74	3.39
204.19	1.57	204.71	2.35	205.23	2.93	205.75	3.40
204.20	1.59	204.72	2.36	205.24	2.94	205.76	3.41
204.21	1.61	204.73	2.38	205.25	2.95	205.77	3.42
204.22	1.63	204.74	2.39	205.26	2.95	205.78	3.43
204.23	1.65	204.75	2.40	205.27	2.96	205.79	3.44
204.24	1.67	204.76	2.41	205.28	2.97	205.80	3.44
204.25	1.68	204.77	2.43	205.29	2.98	205.81	3.45
204.26	1.70	204.78	2.44	205.30	2.99	205.82	3.46
204.27	1.72	204.79	2.45	205.31	3.00	205.83	3.47
204.28	1.74	204.80	2.46	205.32	3.01	205.84	3.48
204.29	1.75	204.81	2.47	205.33	3.02	205.85	3.49
204.30	1.77	204.82	2.48	205.34	3.03	205.86	3.50
204.31	1.79	204.83	2.50	205.35	3.04	205.87	3.50
204.32	1.80	204.84	2.51	205.36	3.05	205.88	3.51
204.33	1.82	204.85	2.52	205.37	3.06	205.89	3.52
204.34	1.83	204.86	2.53	205.38	3.07	205.90	3.53
204.35	1.85	204.87	2.54	205.39	3.08	205.91	3.54
204.36	1.87	204.88	2.55	205.40	3.09	205.92	3.54
204.37	1.88	204.89	2.57	205.41	3.10	205.93	3.55
204.38	1.90	204.90	2.58	205.42	3.11	205.94	3.56
204.39	1.91	204.91	2.59	205.43	3.12	205.95	3.57
204.40	1.93	204.92	2.60	205.44	3.13	205.96	3.58
204.41	1.94	204.93	2.61	205.45	3.14	205.97	3.59
204.42	1.96	204.94	2.62	205.46	3.15	205.98	3.59
204.43	1.97	204.95	2.63	205.47	3.15	205.99	3.60
204.44	1.99	204.96	2.64	205.48	3.16	206.00	3.61
204.45	2.00	204.97	2.65	205.49	3.17	206.01	3.62
204.46	2.02	204.98	2.67	205.50	3.18	206.02	3.63
204.47	2.03	204.99	2.68	205.51	3.19	206.03	3.63
204.48	2.05	205.00	2.69	205.52	3.20	206.04	3.64
204.49	2.06	205.01	2.70	205.53	3.21	206.05	3.65
204.50	2.08	205.02	2.71	205.54	3.22	206.06	3.66
204.51	2.09	205.03	2.72	205.55	3.23	206.07	3.67
204.52	2.10	205.04	2.73	205.56	3.24	206.08	3.67
204.53	2.12	205.05	2.74	205.57	3.25	206.09	3.68
204.54	2.13	205.06	2.75	205.58	3.25	206.10	3.69
204.55	2.14	205.07	2.76	205.59	3.26	206.11	3.70
204.56	2.16	205.08	2.77	205.60	3.27	206.12	3.70
204.57	2.17	205.09	2.78	205.61	3.28	206.13	3.71
204.58	2.18	205.10	2.79	205.62	3.29	206.14	3.72
204.59	2.20	205.11	2.80	205.63	3.30	206.15	3.73

Stage-Discharge for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Primary (cfs)
206.16	3.74
206.17	3.74
206.18	3.75
206.19	3.76
206.20	3.77
206.21	3.77
206.22	3.78
206.23	3.79
206.24	3.80
206.25	3.80
206.26	3.81
206.27	3.82
206.28	3.83
206.29	3.84
206.30	3.84
206.31	3.85
206.32	3.86
206.33	3.87
206.34	3.87
206.35	3.88
206.36	3.89
206.37	3.90
206.38	3.90
206.39	3.91
206.40	3.92
206.41	3.93
206.42	3.93
206.43	3.94
206.44	3.95
206.45	3.95
206.46	3.96
206.47	3.97
206.48	3.98
206.49	3.98
206.50	3.99

Stage-Area-Storage for Pond 1P: Porous Pavement

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
202.00	0.000	202.52	0.015	203.04	0.029
202.01	0.000	202.53	0.015	203.05	0.030
202.02	0.001	202.54	0.015	203.06	0.030
202.03	0.001	202.55	0.015	203.07	0.030
202.04	0.001	202.56	0.016	203.08	0.031
202.05	0.001	202.57	0.016	203.09	0.031
202.06	0.002	202.58	0.016	203.10	0.032
202.07	0.002	202.59	0.016	203.11	0.032
202.08	0.002	202.60	0.016	203.12	0.032
202.09	0.003	202.61	0.017	203.13	0.033
202.10	0.003	202.62	0.017	203.14	0.033
202.11	0.003	202.63	0.017	203.15	0.034
202.12	0.003	202.64	0.017	203.16	0.034
202.13	0.004	202.65	0.018	203.17	0.035
202.14	0.004	202.66	0.018	203.18	0.035
202.15	0.004	202.67	0.018	203.19	0.035
202.16	0.004	202.68	0.018	203.20	0.036
202.17	0.005	202.69	0.018	203.21	0.036
202.18	0.005	202.70	0.019	203.22	0.037
202.19	0.005	202.71	0.019	203.23	0.037
202.20	0.006	202.72	0.019	203.24	0.037
202.21	0.006	202.73	0.019	203.25	0.038
202.22	0.006	202.74	0.019	203.26	0.038
202.23	0.006	202.75	0.020	203.27	0.039
202.24	0.007	202.76	0.020	203.28	0.039
202.25	0.007	202.77	0.020	203.29	0.040
202.26	0.007	202.78	0.020	203.30	0.040
202.27	0.008	202.79	0.021	203.31	0.040
202.28	0.008	202.80	0.021	203.32	0.041
202.29	0.008	202.81	0.021	203.33	0.041
202.30	0.008	202.82	0.022	203.34	0.042
202.31	0.009	202.83	0.022	203.35	0.042
202.32	0.009	202.84	0.022	203.36	0.043
202.33	0.009	202.85	0.023	203.37	0.043
202.34	0.010	202.86	0.023	203.38	0.044
202.35	0.010	202.87	0.023	203.39	0.044
202.36	0.010	202.88	0.023	203.40	0.044
202.37	0.010	202.89	0.024	203.41	0.045
202.38	0.011	202.90	0.024	203.42	0.045
202.39	0.011	202.91	0.025	203.43	0.046
202.40	0.011	202.92	0.025	203.44	0.046
202.41	0.012	202.93	0.025	203.45	0.047
202.42	0.012	202.94	0.026	203.46	0.047
202.43	0.012	202.95	0.026	203.47	0.048
202.44	0.012	202.96	0.026	203.48	0.048
202.45	0.013	202.97	0.027	203.49	0.049
202.46	0.013	202.98	0.027	203.50	0.049
202.47	0.013	202.99	0.027	203.51	0.049
202.48	0.013	203.00	0.028	203.52	0.050
202.49	0.014	203.01	0.028	203.53	0.050
202.50	0.014	203.02	0.029	203.54	0.051
202.51	0.014	203.03	0.029	203.55	0.051

Stage-Area-Storage for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
203.56	0.052	204.08	0.077	204.60	0.102
203.57	0.052	204.09	0.077	204.61	0.103
203.58	0.053	204.10	0.078	204.62	0.103
203.59	0.053	204.11	0.078	204.63	0.104
203.60	0.054	204.12	0.079	204.64	0.104
203.61	0.054	204.13	0.079	204.65	0.105
203.62	0.055	204.14	0.080	204.66	0.105
203.63	0.055	204.15	0.080	204.67	0.106
203.64	0.056	204.16	0.081	204.68	0.106
203.65	0.056	204.17	0.081	204.69	0.107
203.66	0.056	204.18	0.082	204.70	0.107
203.67	0.057	204.19	0.082	204.71	0.108
203.68	0.057	204.20	0.083	204.72	0.108
203.69	0.058	204.21	0.083	204.73	0.109
203.70	0.058	204.22	0.084	204.74	0.109
203.71	0.059	204.23	0.084	204.75	0.110
203.72	0.059	204.24	0.085	204.76	0.110
203.73	0.060	204.25	0.085	204.77	0.111
203.74	0.060	204.26	0.086	204.78	0.111
203.75	0.061	204.27	0.086	204.79	0.112
203.76	0.061	204.28	0.087	204.80	0.112
203.77	0.062	204.29	0.087	204.81	0.112
203.78	0.062	204.30	0.088	204.82	0.113
203.79	0.063	204.31	0.088	204.83	0.113
203.80	0.063	204.32	0.089	204.84	0.114
203.81	0.064	204.33	0.089	204.85	0.114
203.82	0.064	204.34	0.090	204.86	0.115
203.83	0.065	204.35	0.090	204.87	0.115
203.84	0.065	204.36	0.091	204.88	0.116
203.85	0.066	204.37	0.091	204.89	0.116
203.86	0.066	204.38	0.092	204.90	0.117
203.87	0.067	204.39	0.092	204.91	0.117
203.88	0.067	204.40	0.093	204.92	0.118
203.89	0.067	204.41	0.093	204.93	0.118
203.90	0.068	204.42	0.094	204.94	0.119
203.91	0.068	204.43	0.094	204.95	0.119
203.92	0.069	204.44	0.095	204.96	0.120
203.93	0.069	204.45	0.095	204.97	0.120
203.94	0.070	204.46	0.096	204.98	0.120
203.95	0.070	204.47	0.096	204.99	0.121
203.96	0.071	204.48	0.096	205.00	0.121
203.97	0.071	204.49	0.097	205.01	0.122
203.98	0.072	204.50	0.097	205.02	0.122
203.99	0.072	204.51	0.098	205.03	0.123
204.00	0.073	204.52	0.098	205.04	0.123
204.01	0.073	204.53	0.099	205.05	0.124
204.02	0.074	204.54	0.099	205.06	0.124
204.03	0.074	204.55	0.100	205.07	0.125
204.04	0.075	204.56	0.100	205.08	0.125
204.05	0.075	204.57	0.101	205.09	0.125
204.06	0.076	204.58	0.101	205.10	0.126
204.07	0.076	204.59	0.102	205.11	0.126

Stage-Area-Storage for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
205.12	0.127	205.64	0.148	206.16	0.161
205.13	0.127	205.65	0.148	206.17	0.161
205.14	0.128	205.66	0.148	206.18	0.161
205.15	0.128	205.67	0.148	206.19	0.162
205.16	0.129	205.68	0.149	206.20	0.162
205.17	0.129	205.69	0.149	206.21	0.162
205.18	0.129	205.70	0.149	206.22	0.162
205.19	0.130	205.71	0.150	206.23	0.163
205.20	0.130	205.72	0.150	206.24	0.163
205.21	0.131	205.73	0.150	206.25	0.163
205.22	0.131	205.74	0.150	206.26	0.164
205.23	0.132	205.75	0.151	206.27	0.164
205.24	0.132	205.76	0.151	206.28	0.164
205.25	0.132	205.77	0.151	206.29	0.164
205.26	0.133	205.78	0.151	206.30	0.165
205.27	0.133	205.79	0.151	206.31	0.165
205.28	0.134	205.80	0.152	206.32	0.165
205.29	0.134	205.81	0.152	206.33	0.166
205.30	0.135	205.82	0.152	206.34	0.166
205.31	0.135	205.83	0.152	206.35	0.166
205.32	0.135	205.84	0.153	206.36	0.166
205.33	0.136	205.85	0.153	206.37	0.167
205.34	0.136	205.86	0.153	206.38	0.167
205.35	0.137	205.87	0.153	206.39	0.167
205.36	0.137	205.88	0.153	206.40	0.168
205.37	0.137	205.89	0.154	206.41	0.168
205.38	0.138	205.90	0.154	206.42	0.168
205.39	0.138	205.91	0.154	206.43	0.168
205.40	0.139	205.92	0.154	206.44	0.169
205.41	0.139	205.93	0.155	206.45	0.169
205.42	0.139	205.94	0.155	206.46	0.169
205.43	0.140	205.95	0.155	206.47	0.169
205.44	0.140	205.96	0.155	206.48	0.170
205.45	0.141	205.97	0.156	206.49	0.170
205.46	0.141	205.98	0.156	206.50	0.170
205.47	0.141	205.99	0.156		
205.48	0.142	206.00	0.156		
205.49	0.142	206.01	0.157		
205.50	0.143	206.02	0.157		
205.51	0.143	206.03	0.157		
205.52	0.143	206.04	0.157		
205.53	0.144	206.05	0.158		
205.54	0.144	206.06	0.158		
205.55	0.144	206.07	0.158		
205.56	0.145	206.08	0.159		
205.57	0.145	206.09	0.159		
205.58	0.145	206.10	0.159		
205.59	0.146	206.11	0.159		
205.60	0.146	206.12	0.160		
205.61	0.147	206.13	0.160		
205.62	0.147	206.14	0.160		
205.63	0.147	206.15	0.161		

Summary for Pond 2P: Underground Storage

Inflow Area = 0.934 ac, 58.57% Impervious, Inflow Depth = 2.73" for Future 2 yr event
 Inflow = 3.18 cfs @ 12.08 hrs, Volume= 0.213 af
 Outflow = 1.24 cfs @ 12.20 hrs, Volume= 0.177 af, Atten= 61%, Lag= 7.5 min
 Primary = 1.24 cfs @ 12.20 hrs, Volume= 0.177 af
 Routed to Pond B-36A : Basin #36A

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 200.59' @ 12.20 hrs Surf.Area= 5,499 sf Storage= 3,505 cf

Plug-Flow detention time= 158.9 min calculated for 0.177 af (83% of inflow)
 Center-of-Mass det. time= 84.9 min (857.7 - 772.8)

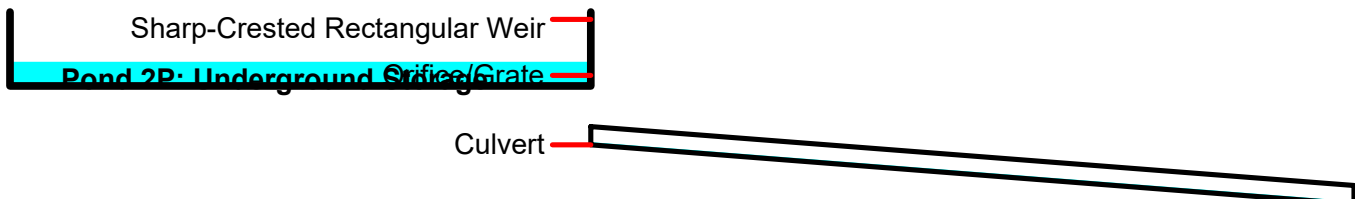
Volume	Invert	Avail.Storage	Storage Description
#1	199.00'	10,998 cf	Custom Stage Data (Prismatic) Listed below (Recalc) 27,495 cf Overall x 40.0% Voids

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
199.00	5,499	0	0
200.00	5,499	5,499	5,499
201.00	5,499	5,499	10,998
202.00	5,499	5,499	16,497
203.00	5,499	5,499	21,996
204.00	5,499	5,499	27,495

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	15.0" Round Culvert L= 55.0' Ke= 1.000 Inlet / Outlet Invert= 195.00' / 191.00' S= 0.0727 ' S= 0.0727 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.23 sf
#2	Device 1	199.71'	11.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

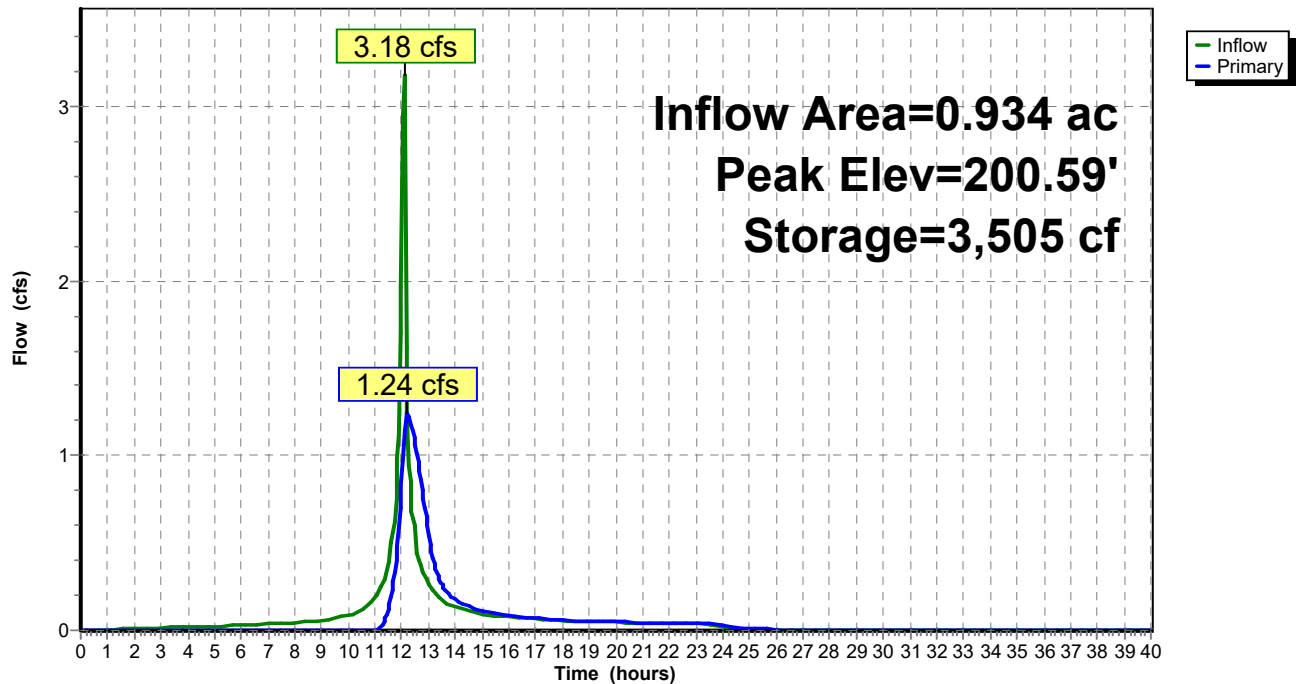
Primary OutFlow Max=1.24 cfs @ 12.20 hrs HW=200.59' (Free Discharge)

1=Culvert (Passes 1.24 cfs of 9.88 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.24 cfs @ 4.07 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)



Pond 2P: Underground Storage

Hydrograph



Hydrograph for Pond 2P: Underground Storage

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	199.00	0.00
0.10	0.00	0	199.00	0.00
0.20	0.00	0	199.00	0.00
0.30	0.00	0	199.00	0.00
0.40	0.00	0	199.00	0.00
0.50	0.00	0	199.00	0.00
0.60	0.00	0	199.00	0.00
0.70	0.00	0	199.00	0.00
0.80	0.00	0	199.00	0.00
0.90	0.00	0	199.00	0.00
1.00	0.00	0	199.00	0.00
1.10	0.00	0	199.00	0.00
1.20	0.00	1	199.00	0.00
1.30	0.00	2	199.00	0.00
1.40	0.00	3	199.00	0.00
1.50	0.00	4	199.00	0.00
1.60	0.01	6	199.00	0.00
1.70	0.01	8	199.00	0.00
1.80	0.01	11	199.00	0.00
1.90	0.01	13	199.01	0.00
2.00	0.01	16	199.01	0.00
2.10	0.01	19	199.01	0.00
2.20	0.01	23	199.01	0.00
2.30	0.01	27	199.01	0.00
2.40	0.01	31	199.01	0.00
2.50	0.01	35	199.02	0.00
2.60	0.01	39	199.02	0.00
2.70	0.01	44	199.02	0.00
2.80	0.01	49	199.02	0.00
2.90	0.01	54	199.02	0.00
3.00	0.01	59	199.03	0.00
3.10	0.02	64	199.03	0.00
3.20	0.02	70	199.03	0.00
3.30	0.02	76	199.03	0.00
3.40	0.02	82	199.04	0.00
3.50	0.02	88	199.04	0.00
3.60	0.02	94	199.04	0.00
3.70	0.02	101	199.05	0.00
3.80	0.02	108	199.05	0.00
3.90	0.02	114	199.05	0.00
4.00	0.02	121	199.06	0.00
4.10	0.02	129	199.06	0.00
4.20	0.02	136	199.06	0.00
4.30	0.02	144	199.07	0.00
4.40	0.02	151	199.07	0.00
4.50	0.02	159	199.07	0.00
4.60	0.02	167	199.08	0.00
4.70	0.02	175	199.08	0.00
4.80	0.02	184	199.08	0.00
4.90	0.02	192	199.09	0.00
5.00	0.02	201	199.09	0.00
5.10	0.02	209	199.10	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	218	199.10	0.00
5.30	0.03	227	199.10	0.00
5.40	0.03	236	199.11	0.00
5.50	0.03	246	199.11	0.00
5.60	0.03	255	199.12	0.00
5.70	0.03	265	199.12	0.00
5.80	0.03	274	199.12	0.00
5.90	0.03	284	199.13	0.00
6.00	0.03	294	199.13	0.00
6.10	0.03	304	199.14	0.00
6.20	0.03	315	199.14	0.00
6.30	0.03	325	199.15	0.00
6.40	0.03	337	199.15	0.00
6.50	0.03	348	199.16	0.00
6.60	0.03	360	199.16	0.00
6.70	0.03	372	199.17	0.00
6.80	0.03	384	199.17	0.00
6.90	0.04	397	199.18	0.00
7.00	0.04	410	199.19	0.00
7.10	0.04	423	199.19	0.00
7.20	0.04	437	199.20	0.00
7.30	0.04	451	199.21	0.00
7.40	0.04	465	199.21	0.00
7.50	0.04	480	199.22	0.00
7.60	0.04	495	199.23	0.00
7.70	0.04	510	199.23	0.00
7.80	0.04	526	199.24	0.00
7.90	0.04	542	199.25	0.00
8.00	0.05	558	199.25	0.00
8.10	0.05	575	199.26	0.00
8.20	0.05	592	199.27	0.00
8.30	0.05	609	199.28	0.00
8.40	0.05	627	199.29	0.00
8.50	0.05	645	199.29	0.00
8.60	0.05	663	199.30	0.00
8.70	0.05	682	199.31	0.00
8.80	0.05	701	199.32	0.00
8.90	0.05	720	199.33	0.00
9.00	0.06	740	199.34	0.00
9.10	0.06	761	199.35	0.00
9.20	0.06	782	199.36	0.00
9.30	0.06	805	199.37	0.00
9.40	0.07	829	199.38	0.00
9.50	0.07	854	199.39	0.00
9.60	0.07	880	199.40	0.00
9.70	0.08	908	199.41	0.00
9.80	0.08	936	199.43	0.00
9.90	0.08	966	199.44	0.00
10.00	0.09	996	199.45	0.00
10.10	0.09	1,028	199.47	0.00
10.20	0.09	1,062	199.48	0.00
10.30	0.10	1,096	199.50	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.10	1,133	199.51	0.00
10.50	0.11	1,170	199.53	0.00
10.60	0.12	1,212	199.55	0.00
10.70	0.13	1,258	199.57	0.00
10.80	0.15	1,309	199.60	0.00
10.90	0.16	1,366	199.62	0.00
11.00	0.18	1,427	199.65	0.00
11.10	0.20	1,497	199.68	0.00
11.20	0.23	1,576	199.72	0.00
11.30	0.26	1,660	199.75	0.03
11.40	0.29	1,741	199.79	0.07
11.50	0.33	1,817	199.83	0.12
11.60	0.49	1,918	199.87	0.19
11.70	0.54	2,018	199.92	0.28
11.80	0.76	2,139	199.97	0.40
11.90	1.11	2,310	200.05	0.58
12.00	1.97	2,641	200.20	0.83
12.10	3.03	3,267	200.49	1.14
12.20	1.23	3,505	200.59	1.24
12.30	0.86	3,421	200.56	1.21
12.40	0.64	3,256	200.48	1.14
12.50	0.59	3,081	200.40	1.06
12.60	0.40	2,884	200.31	0.96
12.70	0.37	2,693	200.22	0.86
12.80	0.34	2,529	200.15	0.76
12.90	0.31	2,390	200.09	0.65
13.00	0.27	2,277	200.04	0.55
13.10	0.24	2,190	200.00	0.45
13.20	0.22	2,124	199.97	0.38
13.30	0.21	2,073	199.94	0.33
13.40	0.19	2,032	199.92	0.29
13.50	0.17	1,997	199.91	0.26
13.60	0.16	1,967	199.89	0.23
13.70	0.15	1,942	199.88	0.21
13.80	0.15	1,922	199.87	0.20
13.90	0.14	1,905	199.87	0.18
14.00	0.14	1,891	199.86	0.17
14.10	0.13	1,880	199.85	0.16
14.20	0.13	1,870	199.85	0.15
14.30	0.12	1,861	199.85	0.15
14.40	0.12	1,852	199.84	0.14
14.50	0.12	1,844	199.84	0.14
14.60	0.11	1,836	199.83	0.13
14.70	0.11	1,828	199.83	0.13
14.80	0.10	1,821	199.83	0.12
14.90	0.10	1,814	199.82	0.12
15.00	0.09	1,807	199.82	0.11
15.10	0.09	1,799	199.82	0.11
15.20	0.09	1,793	199.82	0.10
15.30	0.08	1,788	199.81	0.10
15.40	0.08	1,783	199.81	0.10
15.50	0.08	1,779	199.81	0.09

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.08	1,776	199.81	0.09
15.70	0.08	1,773	199.81	0.09
15.80	0.08	1,770	199.80	0.09
15.90	0.08	1,767	199.80	0.08
16.00	0.08	1,765	199.80	0.08
16.10	0.08	1,763	199.80	0.08
16.20	0.07	1,760	199.80	0.08
16.30	0.07	1,758	199.80	0.08
16.40	0.07	1,756	199.80	0.08
16.50	0.07	1,754	199.80	0.08
16.60	0.07	1,752	199.80	0.08
16.70	0.07	1,750	199.80	0.07
16.80	0.07	1,747	199.79	0.07
16.90	0.07	1,745	199.79	0.07
17.00	0.06	1,743	199.79	0.07
17.10	0.06	1,740	199.79	0.07
17.20	0.06	1,738	199.79	0.07
17.30	0.06	1,736	199.79	0.07
17.40	0.06	1,733	199.79	0.07
17.50	0.06	1,731	199.79	0.06
17.60	0.06	1,728	199.79	0.06
17.70	0.06	1,726	199.78	0.06
17.80	0.05	1,724	199.78	0.06
17.90	0.05	1,721	199.78	0.06
18.00	0.05	1,719	199.78	0.06
18.10	0.05	1,716	199.78	0.06
18.20	0.05	1,714	199.78	0.06
18.30	0.05	1,712	199.78	0.06
18.40	0.05	1,711	199.78	0.05
18.50	0.05	1,709	199.78	0.05
18.60	0.05	1,708	199.78	0.05
18.70	0.05	1,706	199.78	0.05
18.80	0.05	1,705	199.78	0.05
18.90	0.05	1,704	199.77	0.05
19.00	0.05	1,703	199.77	0.05
19.10	0.05	1,702	199.77	0.05
19.20	0.05	1,701	199.77	0.05
19.30	0.05	1,701	199.77	0.05
19.40	0.05	1,700	199.77	0.05
19.50	0.05	1,699	199.77	0.05
19.60	0.05	1,698	199.77	0.05
19.70	0.05	1,698	199.77	0.05
19.80	0.05	1,697	199.77	0.05
19.90	0.05	1,696	199.77	0.05
20.00	0.05	1,696	199.77	0.05
20.10	0.04	1,695	199.77	0.05
20.20	0.04	1,694	199.77	0.05
20.30	0.04	1,694	199.77	0.05
20.40	0.04	1,693	199.77	0.05
20.50	0.04	1,692	199.77	0.05
20.60	0.04	1,692	199.77	0.04
20.70	0.04	1,691	199.77	0.04

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.04	1,691	199.77	0.04
20.90	0.04	1,690	199.77	0.04
21.00	0.04	1,689	199.77	0.04
21.10	0.04	1,689	199.77	0.04
21.20	0.04	1,688	199.77	0.04
21.30	0.04	1,688	199.77	0.04
21.40	0.04	1,687	199.77	0.04
21.50	0.04	1,686	199.77	0.04
21.60	0.04	1,686	199.77	0.04
21.70	0.04	1,685	199.77	0.04
21.80	0.04	1,685	199.77	0.04
21.90	0.04	1,684	199.77	0.04
22.00	0.04	1,683	199.77	0.04
22.10	0.04	1,683	199.77	0.04
22.20	0.04	1,682	199.76	0.04
22.30	0.04	1,682	199.76	0.04
22.40	0.04	1,681	199.76	0.04
22.50	0.04	1,680	199.76	0.04
22.60	0.04	1,680	199.76	0.04
22.70	0.04	1,679	199.76	0.04
22.80	0.04	1,678	199.76	0.04
22.90	0.04	1,678	199.76	0.04
23.00	0.04	1,677	199.76	0.04
23.10	0.04	1,677	199.76	0.04
23.20	0.04	1,676	199.76	0.04
23.30	0.03	1,675	199.76	0.04
23.40	0.03	1,675	199.76	0.04
23.50	0.03	1,674	199.76	0.04
23.60	0.03	1,674	199.76	0.04
23.70	0.03	1,673	199.76	0.04
23.80	0.03	1,672	199.76	0.04
23.90	0.03	1,672	199.76	0.03
24.00	0.04	1,673	199.76	0.04
24.10	0.00	1,666	199.76	0.03
24.20	0.00	1,656	199.75	0.03
24.30	0.00	1,647	199.75	0.02
24.40	0.00	1,639	199.75	0.02
24.50	0.00	1,632	199.74	0.02
24.60	0.00	1,625	199.74	0.02
24.70	0.00	1,620	199.74	0.02
24.80	0.00	1,614	199.73	0.01
24.90	0.00	1,609	199.73	0.01
25.00	0.00	1,605	199.73	0.01
25.10	0.00	1,601	199.73	0.01
25.20	0.00	1,597	199.73	0.01
25.30	0.00	1,594	199.72	0.01
25.40	0.00	1,591	199.72	0.01
25.50	0.00	1,588	199.72	0.01
25.60	0.00	1,586	199.72	0.01
25.70	0.00	1,584	199.72	0.01
25.80	0.00	1,582	199.72	0.01
25.90	0.00	1,580	199.72	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,578	199.72	0.00
26.10	0.00	1,577	199.72	0.00
26.20	0.00	1,575	199.72	0.00
26.30	0.00	1,574	199.72	0.00
26.40	0.00	1,573	199.72	0.00
26.50	0.00	1,572	199.71	0.00
26.60	0.00	1,571	199.71	0.00
26.70	0.00	1,570	199.71	0.00
26.80	0.00	1,569	199.71	0.00
26.90	0.00	1,569	199.71	0.00
27.00	0.00	1,568	199.71	0.00
27.10	0.00	1,567	199.71	0.00
27.20	0.00	1,567	199.71	0.00
27.30	0.00	1,566	199.71	0.00
27.40	0.00	1,566	199.71	0.00
27.50	0.00	1,566	199.71	0.00
27.60	0.00	1,565	199.71	0.00
27.70	0.00	1,565	199.71	0.00
27.80	0.00	1,565	199.71	0.00
27.90	0.00	1,564	199.71	0.00
28.00	0.00	1,564	199.71	0.00
28.10	0.00	1,564	199.71	0.00
28.20	0.00	1,564	199.71	0.00
28.30	0.00	1,564	199.71	0.00
28.40	0.00	1,563	199.71	0.00
28.50	0.00	1,563	199.71	0.00
28.60	0.00	1,563	199.71	0.00
28.70	0.00	1,563	199.71	0.00
28.80	0.00	1,563	199.71	0.00
28.90	0.00	1,563	199.71	0.00
29.00	0.00	1,563	199.71	0.00
29.10	0.00	1,563	199.71	0.00
29.20	0.00	1,562	199.71	0.00
29.30	0.00	1,562	199.71	0.00
29.40	0.00	1,562	199.71	0.00
29.50	0.00	1,562	199.71	0.00
29.60	0.00	1,562	199.71	0.00
29.70	0.00	1,562	199.71	0.00
29.80	0.00	1,562	199.71	0.00
29.90	0.00	1,562	199.71	0.00
30.00	0.00	1,562	199.71	0.00
30.10	0.00	1,562	199.71	0.00
30.20	0.00	1,562	199.71	0.00
30.30	0.00	1,562	199.71	0.00
30.40	0.00	1,562	199.71	0.00
30.50	0.00	1,562	199.71	0.00
30.60	0.00	1,562	199.71	0.00
30.70	0.00	1,562	199.71	0.00
30.80	0.00	1,562	199.71	0.00
30.90	0.00	1,562	199.71	0.00
31.00	0.00	1,562	199.71	0.00
31.10	0.00	1,562	199.71	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,562	199.71	0.00
31.30	0.00	1,562	199.71	0.00
31.40	0.00	1,562	199.71	0.00
31.50	0.00	1,562	199.71	0.00
31.60	0.00	1,562	199.71	0.00
31.70	0.00	1,562	199.71	0.00
31.80	0.00	1,562	199.71	0.00
31.90	0.00	1,562	199.71	0.00
32.00	0.00	1,562	199.71	0.00
32.10	0.00	1,562	199.71	0.00
32.20	0.00	1,562	199.71	0.00
32.30	0.00	1,562	199.71	0.00
32.40	0.00	1,562	199.71	0.00
32.50	0.00	1,562	199.71	0.00
32.60	0.00	1,562	199.71	0.00
32.70	0.00	1,562	199.71	0.00
32.80	0.00	1,562	199.71	0.00
32.90	0.00	1,562	199.71	0.00
33.00	0.00	1,562	199.71	0.00
33.10	0.00	1,562	199.71	0.00
33.20	0.00	1,562	199.71	0.00
33.30	0.00	1,562	199.71	0.00
33.40	0.00	1,562	199.71	0.00
33.50	0.00	1,562	199.71	0.00
33.60	0.00	1,562	199.71	0.00
33.70	0.00	1,562	199.71	0.00
33.80	0.00	1,562	199.71	0.00
33.90	0.00	1,562	199.71	0.00
34.00	0.00	1,562	199.71	0.00
34.10	0.00	1,562	199.71	0.00
34.20	0.00	1,562	199.71	0.00
34.30	0.00	1,562	199.71	0.00
34.40	0.00	1,562	199.71	0.00
34.50	0.00	1,562	199.71	0.00
34.60	0.00	1,562	199.71	0.00
34.70	0.00	1,562	199.71	0.00
34.80	0.00	1,562	199.71	0.00
34.90	0.00	1,562	199.71	0.00
35.00	0.00	1,562	199.71	0.00
35.10	0.00	1,562	199.71	0.00
35.20	0.00	1,562	199.71	0.00
35.30	0.00	1,562	199.71	0.00
35.40	0.00	1,562	199.71	0.00
35.50	0.00	1,562	199.71	0.00
35.60	0.00	1,562	199.71	0.00
35.70	0.00	1,562	199.71	0.00
35.80	0.00	1,562	199.71	0.00
35.90	0.00	1,562	199.71	0.00
36.00	0.00	1,562	199.71	0.00
36.10	0.00	1,562	199.71	0.00
36.20	0.00	1,562	199.71	0.00
36.30	0.00	1,562	199.71	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,562	199.71	0.00
36.50	0.00	1,562	199.71	0.00
36.60	0.00	1,562	199.71	0.00
36.70	0.00	1,562	199.71	0.00
36.80	0.00	1,562	199.71	0.00
36.90	0.00	1,562	199.71	0.00
37.00	0.00	1,562	199.71	0.00
37.10	0.00	1,562	199.71	0.00
37.20	0.00	1,562	199.71	0.00
37.30	0.00	1,562	199.71	0.00
37.40	0.00	1,562	199.71	0.00
37.50	0.00	1,562	199.71	0.00
37.60	0.00	1,562	199.71	0.00
37.70	0.00	1,562	199.71	0.00
37.80	0.00	1,562	199.71	0.00
37.90	0.00	1,562	199.71	0.00
38.00	0.00	1,562	199.71	0.00
38.10	0.00	1,562	199.71	0.00
38.20	0.00	1,562	199.71	0.00
38.30	0.00	1,562	199.71	0.00
38.40	0.00	1,562	199.71	0.00
38.50	0.00	1,562	199.71	0.00
38.60	0.00	1,562	199.71	0.00
38.70	0.00	1,562	199.71	0.00
38.80	0.00	1,562	199.71	0.00
38.90	0.00	1,562	199.71	0.00
39.00	0.00	1,562	199.71	0.00
39.10	0.00	1,562	199.71	0.00
39.20	0.00	1,562	199.71	0.00
39.30	0.00	1,562	199.71	0.00
39.40	0.00	1,562	199.71	0.00
39.50	0.00	1,562	199.71	0.00
39.60	0.00	1,562	199.71	0.00
39.70	0.00	1,562	199.71	0.00
39.80	0.00	1,562	199.71	0.00
39.90	0.00	1,562	199.71	0.00
40.00	0.00	1,562	199.71	0.00

Stage-Discharge for Pond 2P: Underground Storage

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
199.00	0.00	199.52	0.00	200.04	0.56	200.56	1.21
199.01	0.00	199.53	0.00	200.05	0.58	200.57	1.22
199.02	0.00	199.54	0.00	200.06	0.60	200.58	1.23
199.03	0.00	199.55	0.00	200.07	0.62	200.59	1.24
199.04	0.00	199.56	0.00	200.08	0.64	200.60	1.25
199.05	0.00	199.57	0.00	200.09	0.66	200.61	1.26
199.06	0.00	199.58	0.00	200.10	0.68	200.62	1.27
199.07	0.00	199.59	0.00	200.11	0.69	200.63	1.27
199.08	0.00	199.60	0.00	200.12	0.71	200.64	1.28
199.09	0.00	199.61	0.00	200.13	0.73	200.65	1.29
199.10	0.00	199.62	0.00	200.14	0.74	200.66	1.30
199.11	0.00	199.63	0.00	200.15	0.76	200.67	1.31
199.12	0.00	199.64	0.00	200.16	0.77	200.68	1.32
199.13	0.00	199.65	0.00	200.17	0.79	200.69	1.32
199.14	0.00	199.66	0.00	200.18	0.80	200.70	1.33
199.15	0.00	199.67	0.00	200.19	0.81	200.71	1.34
199.16	0.00	199.68	0.00	200.20	0.83	200.72	1.35
199.17	0.00	199.69	0.00	200.21	0.84	200.73	1.36
199.18	0.00	199.70	0.00	200.22	0.85	200.74	1.36
199.19	0.00	199.71	0.00	200.23	0.87	200.75	1.37
199.20	0.00	199.72	0.00	200.24	0.88	200.76	1.38
199.21	0.00	199.73	0.01	200.25	0.89	200.77	1.39
199.22	0.00	199.74	0.02	200.26	0.90	200.78	1.40
199.23	0.00	199.75	0.02	200.27	0.92	200.79	1.40
199.24	0.00	199.76	0.03	200.28	0.93	200.80	1.41
199.25	0.00	199.77	0.04	200.29	0.94	200.81	1.42
199.26	0.00	199.78	0.05	200.30	0.95	200.82	1.43
199.27	0.00	199.79	0.07	200.31	0.96	200.83	1.43
199.28	0.00	199.80	0.08	200.32	0.97	200.84	1.44
199.29	0.00	199.81	0.09	200.33	0.98	200.85	1.45
199.30	0.00	199.82	0.11	200.34	1.00	200.86	1.46
199.31	0.00	199.83	0.12	200.35	1.01	200.87	1.46
199.32	0.00	199.84	0.14	200.36	1.02	200.88	1.47
199.33	0.00	199.85	0.15	200.37	1.03	200.89	1.48
199.34	0.00	199.86	0.17	200.38	1.04	200.90	1.49
199.35	0.00	199.87	0.19	200.39	1.05	200.91	1.49
199.36	0.00	199.88	0.21	200.40	1.06	200.92	1.50
199.37	0.00	199.89	0.22	200.41	1.07	200.93	1.51
199.38	0.00	199.90	0.24	200.42	1.08	200.94	1.52
199.39	0.00	199.91	0.26	200.43	1.09	200.95	1.52
199.40	0.00	199.92	0.28	200.44	1.10	200.96	1.53
199.41	0.00	199.93	0.30	200.45	1.11	200.97	1.54
199.42	0.00	199.94	0.32	200.46	1.12	200.98	1.54
199.43	0.00	199.95	0.35	200.47	1.13	200.99	1.55
199.44	0.00	199.96	0.37	200.48	1.14	201.00	1.56
199.45	0.00	199.97	0.39	200.49	1.15	201.01	1.56
199.46	0.00	199.98	0.41	200.50	1.16	201.02	1.57
199.47	0.00	199.99	0.44	200.51	1.17	201.03	1.58
199.48	0.00	200.00	0.46	200.52	1.18	201.04	1.59
199.49	0.00	200.01	0.48	200.53	1.19	201.05	1.59
199.50	0.00	200.02	0.51	200.54	1.20	201.06	1.60
199.51	0.00	200.03	0.53	200.55	1.20	201.07	1.61

Stage-Discharge for Pond 2P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.08	1.61	201.60	1.93	202.12	2.20	202.64	2.45
201.09	1.62	201.61	1.94	202.13	2.21	202.65	2.45
201.10	1.63	201.62	1.94	202.14	2.21	202.66	2.45
201.11	1.63	201.63	1.95	202.15	2.22	202.67	2.46
201.12	1.64	201.64	1.95	202.16	2.22	202.68	2.46
201.13	1.65	201.65	1.96	202.17	2.23	202.69	2.47
201.14	1.65	201.66	1.96	202.18	2.23	202.70	2.47
201.15	1.66	201.67	1.97	202.19	2.24	202.71	2.48
201.16	1.67	201.68	1.98	202.20	2.24	202.72	2.48
201.17	1.67	201.69	1.98	202.21	2.25	202.73	2.48
201.18	1.68	201.70	1.99	202.22	2.25	202.74	2.49
201.19	1.68	201.71	1.99	202.23	2.26	202.75	2.49
201.20	1.69	201.72	2.00	202.24	2.26	202.76	2.50
201.21	1.70	201.73	2.00	202.25	2.27	202.77	2.50
201.22	1.70	201.74	2.01	202.26	2.27	202.78	2.51
201.23	1.71	201.75	2.01	202.27	2.28	202.79	2.51
201.24	1.72	201.76	2.02	202.28	2.28	202.80	2.52
201.25	1.72	201.77	2.02	202.29	2.29	202.81	2.52
201.26	1.73	201.78	2.03	202.30	2.29	202.82	2.52
201.27	1.74	201.79	2.03	202.31	2.29	202.83	2.53
201.28	1.74	201.80	2.04	202.32	2.30	202.84	2.53
201.29	1.75	201.81	2.05	202.33	2.30	202.85	2.54
201.30	1.75	201.82	2.05	202.34	2.31	202.86	2.54
201.31	1.76	201.83	2.06	202.35	2.31	202.87	2.55
201.32	1.77	201.84	2.06	202.36	2.32	202.88	2.55
201.33	1.77	201.85	2.07	202.37	2.32	202.89	2.55
201.34	1.78	201.86	2.07	202.38	2.33	202.90	2.56
201.35	1.78	201.87	2.08	202.39	2.33	202.91	2.56
201.36	1.79	201.88	2.08	202.40	2.34	202.92	2.57
201.37	1.80	201.89	2.09	202.41	2.34	202.93	2.57
201.38	1.80	201.90	2.09	202.42	2.35	202.94	2.57
201.39	1.81	201.91	2.10	202.43	2.35	202.95	2.58
201.40	1.81	201.92	2.10	202.44	2.36	202.96	2.58
201.41	1.82	201.93	2.11	202.45	2.36	202.97	2.59
201.42	1.83	201.94	2.11	202.46	2.36	202.98	2.59
201.43	1.83	201.95	2.12	202.47	2.37	202.99	2.60
201.44	1.84	201.96	2.12	202.48	2.37	203.00	2.60
201.45	1.84	201.97	2.13	202.49	2.38	203.01	2.60
201.46	1.85	201.98	2.13	202.50	2.38	203.02	2.61
201.47	1.86	201.99	2.14	202.51	2.39	203.03	2.61
201.48	1.86	202.00	2.14	202.52	2.39	203.04	2.62
201.49	1.87	202.01	2.15	202.53	2.40	203.05	2.62
201.50	1.87	202.02	2.15	202.54	2.40	203.06	2.62
201.51	1.88	202.03	2.16	202.55	2.41	203.07	2.63
201.52	1.89	202.04	2.16	202.56	2.41	203.08	2.63
201.53	1.89	202.05	2.17	202.57	2.41	203.09	2.64
201.54	1.90	202.06	2.17	202.58	2.42	203.10	2.64
201.55	1.90	202.07	2.18	202.59	2.42	203.11	2.65
201.56	1.91	202.08	2.18	202.60	2.43	203.12	2.65
201.57	1.91	202.09	2.19	202.61	2.43	203.13	2.65
201.58	1.92	202.10	2.19	202.62	2.44	203.14	2.66
201.59	1.93	202.11	2.20	202.63	2.44	203.15	2.66

Stage-Discharge for Pond 2P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.16	2.67	203.68	3.86
203.17	2.67	203.69	3.95
203.18	2.67	203.70	4.03
203.19	2.68	203.71	4.13
203.20	2.68	203.72	4.22
203.21	2.69	203.73	4.31
203.22	2.69	203.74	4.41
203.23	2.69	203.75	4.51
203.24	2.70	203.76	4.61
203.25	2.70	203.77	4.71
203.26	2.71	203.78	4.82
203.27	2.71	203.79	4.92
203.28	2.71	203.80	5.03
203.29	2.72	203.81	5.14
203.30	2.72	203.82	5.25
203.31	2.73	203.83	5.36
203.32	2.73	203.84	5.48
203.33	2.73	203.85	5.59
203.34	2.74	203.86	5.71
203.35	2.74	203.87	5.83
203.36	2.75	203.88	5.95
203.37	2.75	203.89	6.07
203.38	2.75	203.90	6.19
203.39	2.76	203.91	6.32
203.40	2.76	203.92	6.44
203.41	2.77	203.93	6.57
203.42	2.77	203.94	6.70
203.43	2.77	203.95	6.83
203.44	2.78	203.96	6.96
203.45	2.78	203.97	7.09
203.46	2.78	203.98	7.23
203.47	2.79	203.99	7.36
203.48	2.79	204.00	7.50
203.49	2.80		
203.50	2.80		
203.51	2.82		
203.52	2.84		
203.53	2.88		
203.54	2.92		
203.55	2.97		
203.56	3.02		
203.57	3.07		
203.58	3.13		
203.59	3.19		
203.60	3.25		
203.61	3.32		
203.62	3.39		
203.63	3.46		
203.64	3.53		
203.65	3.61		
203.66	3.69		
203.67	3.77		

Stage-Area-Storage for Pond 2P: Underground Storage

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.00	5,499	0	199.52	5,499	1,144
199.01	5,499	22	199.53	5,499	1,166
199.02	5,499	44	199.54	5,499	1,188
199.03	5,499	66	199.55	5,499	1,210
199.04	5,499	88	199.56	5,499	1,232
199.05	5,499	110	199.57	5,499	1,254
199.06	5,499	132	199.58	5,499	1,276
199.07	5,499	154	199.59	5,499	1,298
199.08	5,499	176	199.60	5,499	1,320
199.09	5,499	198	199.61	5,499	1,342
199.10	5,499	220	199.62	5,499	1,364
199.11	5,499	242	199.63	5,499	1,386
199.12	5,499	264	199.64	5,499	1,408
199.13	5,499	286	199.65	5,499	1,430
199.14	5,499	308	199.66	5,499	1,452
199.15	5,499	330	199.67	5,499	1,474
199.16	5,499	352	199.68	5,499	1,496
199.17	5,499	374	199.69	5,499	1,518
199.18	5,499	396	199.70	5,499	1,540
199.19	5,499	418	199.71	5,499	1,562
199.20	5,499	440	199.72	5,499	1,584
199.21	5,499	462	199.73	5,499	1,606
199.22	5,499	484	199.74	5,499	1,628
199.23	5,499	506	199.75	5,499	1,650
199.24	5,499	528	199.76	5,499	1,672
199.25	5,499	550	199.77	5,499	1,694
199.26	5,499	572	199.78	5,499	1,716
199.27	5,499	594	199.79	5,499	1,738
199.28	5,499	616	199.80	5,499	1,760
199.29	5,499	638	199.81	5,499	1,782
199.30	5,499	660	199.82	5,499	1,804
199.31	5,499	682	199.83	5,499	1,826
199.32	5,499	704	199.84	5,499	1,848
199.33	5,499	726	199.85	5,499	1,870
199.34	5,499	748	199.86	5,499	1,892
199.35	5,499	770	199.87	5,499	1,914
199.36	5,499	792	199.88	5,499	1,936
199.37	5,499	814	199.89	5,499	1,958
199.38	5,499	836	199.90	5,499	1,980
199.39	5,499	858	199.91	5,499	2,002
199.40	5,499	880	199.92	5,499	2,024
199.41	5,499	902	199.93	5,499	2,046
199.42	5,499	924	199.94	5,499	2,068
199.43	5,499	946	199.95	5,499	2,090
199.44	5,499	968	199.96	5,499	2,112
199.45	5,499	990	199.97	5,499	2,134
199.46	5,499	1,012	199.98	5,499	2,156
199.47	5,499	1,034	199.99	5,499	2,178
199.48	5,499	1,056	200.00	5,499	2,200
199.49	5,499	1,078	200.01	5,499	2,222
199.50	5,499	1,100	200.02	5,499	2,244
199.51	5,499	1,122	200.03	5,499	2,266

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.04	5,499	2,288	200.56	5,499	3,431
200.05	5,499	2,310	200.57	5,499	3,453
200.06	5,499	2,332	200.58	5,499	3,475
200.07	5,499	2,354	200.59	5,499	3,497
200.08	5,499	2,376	200.60	5,499	3,519
200.09	5,499	2,398	200.61	5,499	3,541
200.10	5,499	2,420	200.62	5,499	3,563
200.11	5,499	2,442	200.63	5,499	3,585
200.12	5,499	2,464	200.64	5,499	3,607
200.13	5,499	2,486	200.65	5,499	3,629
200.14	5,499	2,508	200.66	5,499	3,651
200.15	5,499	2,530	200.67	5,499	3,673
200.16	5,499	2,552	200.68	5,499	3,695
200.17	5,499	2,574	200.69	5,499	3,717
200.18	5,499	2,596	200.70	5,499	3,739
200.19	5,499	2,618	200.71	5,499	3,761
200.20	5,499	2,640	200.72	5,499	3,783
200.21	5,499	2,662	200.73	5,499	3,805
200.22	5,499	2,684	200.74	5,499	3,827
200.23	5,499	2,706	200.75	5,499	3,849
200.24	5,499	2,728	200.76	5,499	3,871
200.25	5,499	2,750	200.77	5,499	3,893
200.26	5,499	2,771	200.78	5,499	3,915
200.27	5,499	2,793	200.79	5,499	3,937
200.28	5,499	2,815	200.80	5,499	3,959
200.29	5,499	2,837	200.81	5,499	3,981
200.30	5,499	2,859	200.82	5,499	4,003
200.31	5,499	2,881	200.83	5,499	4,025
200.32	5,499	2,903	200.84	5,499	4,047
200.33	5,499	2,925	200.85	5,499	4,069
200.34	5,499	2,947	200.86	5,499	4,091
200.35	5,499	2,969	200.87	5,499	4,113
200.36	5,499	2,991	200.88	5,499	4,135
200.37	5,499	3,013	200.89	5,499	4,157
200.38	5,499	3,035	200.90	5,499	4,179
200.39	5,499	3,057	200.91	5,499	4,201
200.40	5,499	3,079	200.92	5,499	4,223
200.41	5,499	3,101	200.93	5,499	4,245
200.42	5,499	3,123	200.94	5,499	4,267
200.43	5,499	3,145	200.95	5,499	4,289
200.44	5,499	3,167	200.96	5,499	4,311
200.45	5,499	3,189	200.97	5,499	4,333
200.46	5,499	3,211	200.98	5,499	4,355
200.47	5,499	3,233	200.99	5,499	4,377
200.48	5,499	3,255	201.00	5,499	4,399
200.49	5,499	3,277	201.01	5,499	4,421
200.50	5,499	3,299	201.02	5,499	4,443
200.51	5,499	3,321	201.03	5,499	4,465
200.52	5,499	3,343	201.04	5,499	4,487
200.53	5,499	3,365	201.05	5,499	4,509
200.54	5,499	3,387	201.06	5,499	4,531
200.55	5,499	3,409	201.07	5,499	4,553

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.08	5,499	4,575	201.60	5,499	5,719
201.09	5,499	4,597	201.61	5,499	5,741
201.10	5,499	4,619	201.62	5,499	5,763
201.11	5,499	4,641	201.63	5,499	5,785
201.12	5,499	4,663	201.64	5,499	5,807
201.13	5,499	4,685	201.65	5,499	5,829
201.14	5,499	4,707	201.66	5,499	5,851
201.15	5,499	4,729	201.67	5,499	5,873
201.16	5,499	4,751	201.68	5,499	5,895
201.17	5,499	4,773	201.69	5,499	5,917
201.18	5,499	4,795	201.70	5,499	5,939
201.19	5,499	4,817	201.71	5,499	5,961
201.20	5,499	4,839	201.72	5,499	5,983
201.21	5,499	4,861	201.73	5,499	6,005
201.22	5,499	4,883	201.74	5,499	6,027
201.23	5,499	4,905	201.75	5,499	6,049
201.24	5,499	4,927	201.76	5,499	6,071
201.25	5,499	4,949	201.77	5,499	6,093
201.26	5,499	4,971	201.78	5,499	6,115
201.27	5,499	4,993	201.79	5,499	6,137
201.28	5,499	5,015	201.80	5,499	6,159
201.29	5,499	5,037	201.81	5,499	6,181
201.30	5,499	5,059	201.82	5,499	6,203
201.31	5,499	5,081	201.83	5,499	6,225
201.32	5,499	5,103	201.84	5,499	6,247
201.33	5,499	5,125	201.85	5,499	6,269
201.34	5,499	5,147	201.86	5,499	6,291
201.35	5,499	5,169	201.87	5,499	6,313
201.36	5,499	5,191	201.88	5,499	6,335
201.37	5,499	5,213	201.89	5,499	6,357
201.38	5,499	5,235	201.90	5,499	6,379
201.39	5,499	5,257	201.91	5,499	6,401
201.40	5,499	5,279	201.92	5,499	6,423
201.41	5,499	5,301	201.93	5,499	6,445
201.42	5,499	5,323	201.94	5,499	6,467
201.43	5,499	5,345	201.95	5,499	6,489
201.44	5,499	5,367	201.96	5,499	6,511
201.45	5,499	5,389	201.97	5,499	6,533
201.46	5,499	5,411	201.98	5,499	6,555
201.47	5,499	5,433	201.99	5,499	6,577
201.48	5,499	5,455	202.00	5,499	6,599
201.49	5,499	5,477	202.01	5,499	6,621
201.50	5,499	5,499	202.02	5,499	6,643
201.51	5,499	5,521	202.03	5,499	6,665
201.52	5,499	5,543	202.04	5,499	6,687
201.53	5,499	5,565	202.05	5,499	6,709
201.54	5,499	5,587	202.06	5,499	6,731
201.55	5,499	5,609	202.07	5,499	6,753
201.56	5,499	5,631	202.08	5,499	6,775
201.57	5,499	5,653	202.09	5,499	6,797
201.58	5,499	5,675	202.10	5,499	6,819
201.59	5,499	5,697	202.11	5,499	6,841

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.12	5,499	6,863	202.64	5,499	8,007
202.13	5,499	6,885	202.65	5,499	8,029
202.14	5,499	6,907	202.66	5,499	8,051
202.15	5,499	6,929	202.67	5,499	8,073
202.16	5,499	6,951	202.68	5,499	8,095
202.17	5,499	6,973	202.69	5,499	8,117
202.18	5,499	6,995	202.70	5,499	8,139
202.19	5,499	7,017	202.71	5,499	8,161
202.20	5,499	7,039	202.72	5,499	8,183
202.21	5,499	7,061	202.73	5,499	8,205
202.22	5,499	7,083	202.74	5,499	8,227
202.23	5,499	7,105	202.75	5,499	8,249
202.24	5,499	7,127	202.76	5,499	8,270
202.25	5,499	7,149	202.77	5,499	8,292
202.26	5,499	7,171	202.78	5,499	8,314
202.27	5,499	7,193	202.79	5,499	8,336
202.28	5,499	7,215	202.80	5,499	8,358
202.29	5,499	7,237	202.81	5,499	8,380
202.30	5,499	7,259	202.82	5,499	8,402
202.31	5,499	7,281	202.83	5,499	8,424
202.32	5,499	7,303	202.84	5,499	8,446
202.33	5,499	7,325	202.85	5,499	8,468
202.34	5,499	7,347	202.86	5,499	8,490
202.35	5,499	7,369	202.87	5,499	8,512
202.36	5,499	7,391	202.88	5,499	8,534
202.37	5,499	7,413	202.89	5,499	8,556
202.38	5,499	7,435	202.90	5,499	8,578
202.39	5,499	7,457	202.91	5,499	8,600
202.40	5,499	7,479	202.92	5,499	8,622
202.41	5,499	7,501	202.93	5,499	8,644
202.42	5,499	7,523	202.94	5,499	8,666
202.43	5,499	7,545	202.95	5,499	8,688
202.44	5,499	7,567	202.96	5,499	8,710
202.45	5,499	7,589	202.97	5,499	8,732
202.46	5,499	7,611	202.98	5,499	8,754
202.47	5,499	7,633	202.99	5,499	8,776
202.48	5,499	7,655	203.00	5,499	8,798
202.49	5,499	7,677	203.01	5,499	8,820
202.50	5,499	7,699	203.02	5,499	8,842
202.51	5,499	7,721	203.03	5,499	8,864
202.52	5,499	7,743	203.04	5,499	8,886
202.53	5,499	7,765	203.05	5,499	8,908
202.54	5,499	7,787	203.06	5,499	8,930
202.55	5,499	7,809	203.07	5,499	8,952
202.56	5,499	7,831	203.08	5,499	8,974
202.57	5,499	7,853	203.09	5,499	8,996
202.58	5,499	7,875	203.10	5,499	9,018
202.59	5,499	7,897	203.11	5,499	9,040
202.60	5,499	7,919	203.12	5,499	9,062
202.61	5,499	7,941	203.13	5,499	9,084
202.62	5,499	7,963	203.14	5,499	9,106
202.63	5,499	7,985	203.15	5,499	9,128

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.16	5,499	9,150	203.68	5,499	10,294
203.17	5,499	9,172	203.69	5,499	10,316
203.18	5,499	9,194	203.70	5,499	10,338
203.19	5,499	9,216	203.71	5,499	10,360
203.20	5,499	9,238	203.72	5,499	10,382
203.21	5,499	9,260	203.73	5,499	10,404
203.22	5,499	9,282	203.74	5,499	10,426
203.23	5,499	9,304	203.75	5,499	10,448
203.24	5,499	9,326	203.76	5,499	10,470
203.25	5,499	9,348	203.77	5,499	10,492
203.26	5,499	9,370	203.78	5,499	10,514
203.27	5,499	9,392	203.79	5,499	10,536
203.28	5,499	9,414	203.80	5,499	10,558
203.29	5,499	9,436	203.81	5,499	10,580
203.30	5,499	9,458	203.82	5,499	10,602
203.31	5,499	9,480	203.83	5,499	10,624
203.32	5,499	9,502	203.84	5,499	10,646
203.33	5,499	9,524	203.85	5,499	10,668
203.34	5,499	9,546	203.86	5,499	10,690
203.35	5,499	9,568	203.87	5,499	10,712
203.36	5,499	9,590	203.88	5,499	10,734
203.37	5,499	9,612	203.89	5,499	10,756
203.38	5,499	9,634	203.90	5,499	10,778
203.39	5,499	9,656	203.91	5,499	10,800
203.40	5,499	9,678	203.92	5,499	10,822
203.41	5,499	9,700	203.93	5,499	10,844
203.42	5,499	9,722	203.94	5,499	10,866
203.43	5,499	9,744	203.95	5,499	10,888
203.44	5,499	9,766	203.96	5,499	10,910
203.45	5,499	9,788	203.97	5,499	10,932
203.46	5,499	9,810	203.98	5,499	10,954
203.47	5,499	9,832	203.99	5,499	10,976
203.48	5,499	9,854	204.00	5,499	10,998
203.49	5,499	9,876			
203.50	5,499	9,898			
203.51	5,499	9,920			
203.52	5,499	9,942			
203.53	5,499	9,964			
203.54	5,499	9,986			
203.55	5,499	10,008			
203.56	5,499	10,030			
203.57	5,499	10,052			
203.58	5,499	10,074			
203.59	5,499	10,096			
203.60	5,499	10,118			
203.61	5,499	10,140			
203.62	5,499	10,162			
203.63	5,499	10,184			
203.64	5,499	10,206			
203.65	5,499	10,228			
203.66	5,499	10,250			
203.67	5,499	10,272			

Summary for Pond 3P: Underground Storage

Inflow Area = 0.568 ac, 100.00% Impervious, Inflow Depth = 3.62" for Future 2 yr event
 Inflow = 2.59 cfs @ 12.08 hrs, Volume= 0.171 af
 Outflow = 1.40 cfs @ 12.15 hrs, Volume= 0.122 af, Atten= 46%, Lag= 4.6 min
 Primary = 1.40 cfs @ 12.15 hrs, Volume= 0.122 af
 Routed to Pond B-39 : Basin #39

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.10' @ 12.15 hrs Surf.Area= 0.070 ac Storage= 0.078 af

Plug-Flow detention time= 201.9 min calculated for 0.122 af (71% of inflow)
 Center-of-Mass det. time= 107.4 min (857.4 - 750.0)

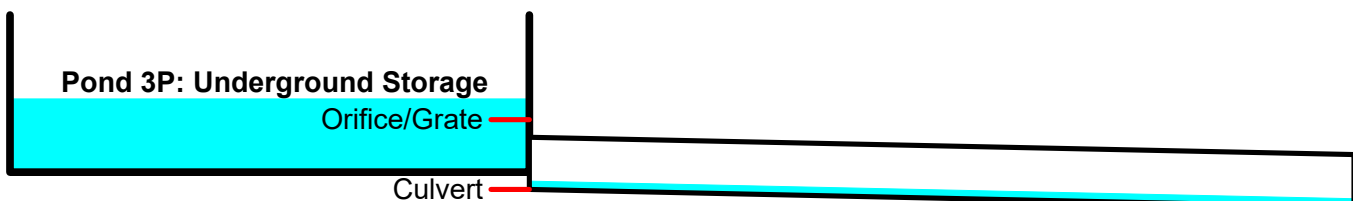
Volume	Invert	Avail.Storage	Storage Description
#1A	202.00'	0.082 af	48.50'W x 63.00'L x 4.50'H Field A 0.316 af Overall - 0.110 af Embedded = 0.206 af x 40.0% Voids
#2A	202.50'	0.088 af	ADS N-12 36" x 27 Inside #1 Inside= 36.1"W x 36.1"H => 7.10 sf x 20.00'L = 142.0 cf Outside= 42.0"W x 42.0"H => 8.86 sf x 20.00'L = 177.1 cf 27 Chambers in 9 Rows
0.170 af			Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	201.50'	18.0" Round Culvert L= 100.0' Ke= 1.000 Inlet / Outlet Invert= 201.50' / 201.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	203.50'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads

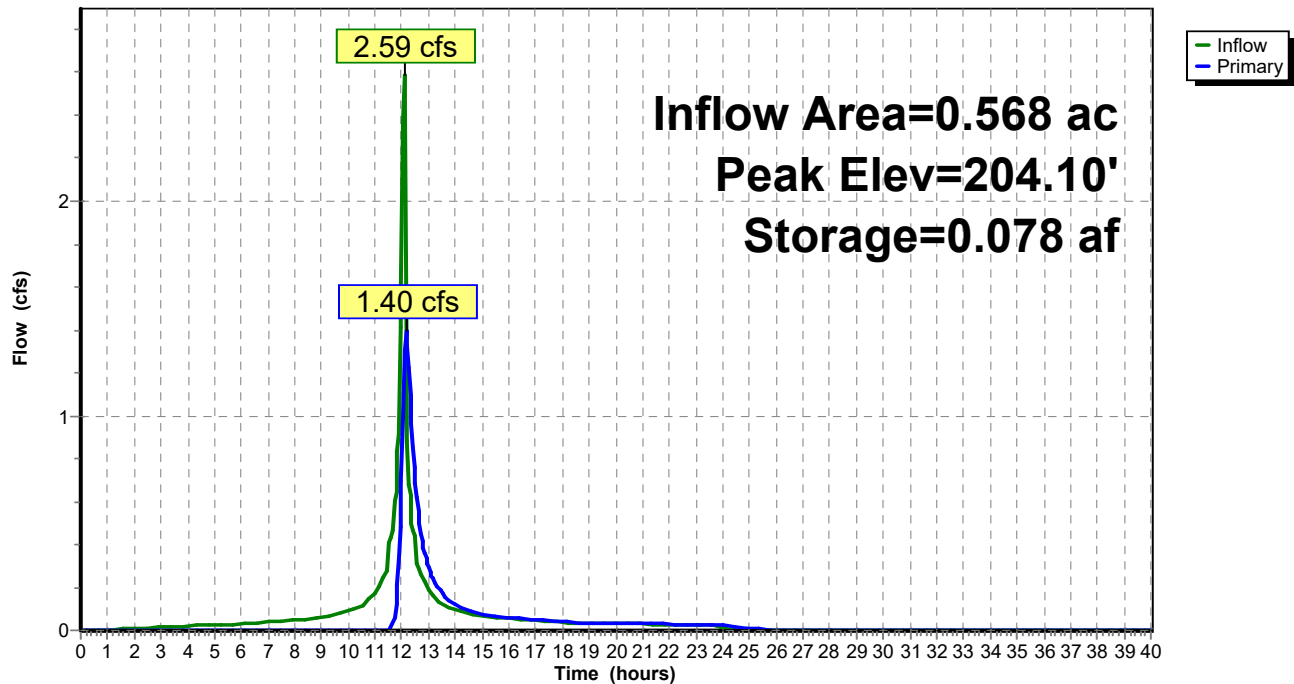
Primary OutFlow Max=1.39 cfs @ 12.15 hrs HW=204.10' (Free Discharge)

↑ **1=Culvert** (Passes 1.39 cfs of 8.68 cfs potential flow)
 ↑ **2=Orifice/Grate** (Orifice Controls 1.39 cfs @ 2.78 fps)



Pond 3P: Underground Storage

Hydrograph



Hydrograph for Pond 3P: Underground Storage

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.000	202.00	0.00
0.10	0.00	0.000	202.00	0.00
0.20	0.00	0.000	202.00	0.00
0.30	0.00	0.000	202.00	0.00
0.40	0.00	0.000	202.00	0.00
0.50	0.00	0.000	202.00	0.00
0.60	0.00	0.000	202.00	0.00
0.70	0.00	0.000	202.00	0.00
0.80	0.00	0.000	202.00	0.00
0.90	0.00	0.000	202.00	0.00
1.00	0.00	0.000	202.00	0.00
1.10	0.00	0.000	202.00	0.00
1.20	0.00	0.000	202.00	0.00
1.30	0.00	0.000	202.00	0.00
1.40	0.00	0.000	202.00	0.00
1.50	0.00	0.000	202.00	0.00
1.60	0.01	0.000	202.01	0.00
1.70	0.01	0.000	202.01	0.00
1.80	0.01	0.000	202.01	0.00
1.90	0.01	0.000	202.01	0.00
2.00	0.01	0.000	202.01	0.00
2.10	0.01	0.000	202.02	0.00
2.20	0.01	0.001	202.02	0.00
2.30	0.01	0.001	202.02	0.00
2.40	0.01	0.001	202.03	0.00
2.50	0.01	0.001	202.03	0.00
2.60	0.01	0.001	202.03	0.00
2.70	0.01	0.001	202.04	0.00
2.80	0.01	0.001	202.04	0.00
2.90	0.01	0.001	202.05	0.00
3.00	0.02	0.001	202.05	0.00
3.10	0.02	0.002	202.05	0.00
3.20	0.02	0.002	202.06	0.00
3.30	0.02	0.002	202.06	0.00
3.40	0.02	0.002	202.07	0.00
3.50	0.02	0.002	202.07	0.00
3.60	0.02	0.002	202.08	0.00
3.70	0.02	0.002	202.09	0.00
3.80	0.02	0.003	202.09	0.00
3.90	0.02	0.003	202.10	0.00
4.00	0.02	0.003	202.10	0.00
4.10	0.02	0.003	202.11	0.00
4.20	0.02	0.003	202.12	0.00
4.30	0.02	0.003	202.12	0.00
4.40	0.02	0.004	202.13	0.00
4.50	0.02	0.004	202.13	0.00
4.60	0.02	0.004	202.14	0.00
4.70	0.02	0.004	202.15	0.00
4.80	0.02	0.004	202.16	0.00
4.90	0.02	0.005	202.16	0.00
5.00	0.02	0.005	202.17	0.00
5.10	0.03	0.005	202.18	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	0.005	202.18	0.00
5.30	0.03	0.005	202.19	0.00
5.40	0.03	0.006	202.20	0.00
5.50	0.03	0.006	202.21	0.00
5.60	0.03	0.006	202.22	0.00
5.70	0.03	0.006	202.22	0.00
5.80	0.03	0.007	202.23	0.00
5.90	0.03	0.007	202.24	0.00
6.00	0.03	0.007	202.25	0.00
6.10	0.03	0.007	202.26	0.00
6.20	0.03	0.007	202.27	0.00
6.30	0.03	0.008	202.28	0.00
6.40	0.03	0.008	202.29	0.00
6.50	0.03	0.008	202.29	0.00
6.60	0.03	0.009	202.30	0.00
6.70	0.04	0.009	202.32	0.00
6.80	0.04	0.009	202.33	0.00
6.90	0.04	0.009	202.34	0.00
7.00	0.04	0.010	202.35	0.00
7.10	0.04	0.010	202.36	0.00
7.20	0.04	0.010	202.37	0.00
7.30	0.04	0.011	202.38	0.00
7.40	0.04	0.011	202.39	0.00
7.50	0.04	0.011	202.41	0.00
7.60	0.04	0.012	202.42	0.00
7.70	0.04	0.012	202.43	0.00
7.80	0.05	0.013	202.45	0.00
7.90	0.05	0.013	202.46	0.00
8.00	0.05	0.013	202.47	0.00
8.10	0.05	0.014	202.49	0.00
8.20	0.05	0.014	202.50	0.00
8.30	0.05	0.014	202.52	0.00
8.40	0.05	0.015	202.53	0.00
8.50	0.05	0.015	202.55	0.00
8.60	0.05	0.016	202.57	0.00
8.70	0.05	0.016	202.59	0.00
8.80	0.05	0.017	202.61	0.00
8.90	0.06	0.017	202.63	0.00
9.00	0.06	0.018	202.65	0.00
9.10	0.06	0.018	202.67	0.00
9.20	0.06	0.019	202.70	0.00
9.30	0.07	0.019	202.72	0.00
9.40	0.07	0.020	202.75	0.00
9.50	0.07	0.020	202.78	0.00
9.60	0.08	0.021	202.80	0.00
9.70	0.08	0.022	202.82	0.00
9.80	0.08	0.022	202.84	0.00
9.90	0.09	0.023	202.86	0.00
10.00	0.09	0.024	202.89	0.00
10.10	0.09	0.024	202.91	0.00
10.20	0.10	0.025	202.93	0.00
10.30	0.10	0.026	202.95	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
10.40	0.10	0.027	202.98	0.00
10.50	0.11	0.028	203.00	0.00
10.60	0.12	0.029	203.02	0.00
10.70	0.13	0.030	203.05	0.00
10.80	0.14	0.031	203.08	0.00
10.90	0.16	0.032	203.11	0.00
11.00	0.17	0.034	203.15	0.00
11.10	0.19	0.035	203.18	0.00
11.20	0.22	0.037	203.22	0.00
11.30	0.24	0.039	203.27	0.00
11.40	0.26	0.041	203.32	0.00
11.50	0.29	0.043	203.37	0.00
11.60	0.44	0.046	203.44	0.00
11.70	0.47	0.050	203.52	0.01
11.80	0.64	0.054	203.61	0.12
11.90	0.91	0.059	203.72	0.32
12.00	1.58	0.066	203.86	0.69
12.10	2.46	0.076	204.06	1.31
12.20	0.88	0.076	204.07	1.33
12.30	0.63	0.072	203.99	1.10
12.40	0.47	0.069	203.91	0.85
12.50	0.44	0.066	203.86	0.69
12.60	0.29	0.064	203.81	0.56
12.70	0.27	0.062	203.77	0.45
12.80	0.24	0.060	203.74	0.38
12.90	0.22	0.059	203.72	0.33
13.00	0.20	0.058	203.70	0.29
13.10	0.17	0.058	203.69	0.26
13.20	0.16	0.057	203.67	0.23
13.30	0.15	0.056	203.66	0.21
13.40	0.14	0.056	203.65	0.19
13.50	0.12	0.056	203.64	0.17
13.60	0.11	0.055	203.63	0.16
13.70	0.11	0.055	203.63	0.14
13.80	0.10	0.055	203.62	0.13
13.90	0.10	0.054	203.62	0.13
14.00	0.10	0.054	203.61	0.12
14.10	0.09	0.054	203.61	0.11
14.20	0.09	0.054	203.60	0.11
14.30	0.09	0.054	203.60	0.10
14.40	0.08	0.054	203.60	0.10
14.50	0.08	0.053	203.60	0.10
14.60	0.08	0.053	203.59	0.09
14.70	0.07	0.053	203.59	0.09
14.80	0.07	0.053	203.59	0.08
14.90	0.07	0.053	203.59	0.08
15.00	0.06	0.053	203.58	0.08
15.10	0.06	0.053	203.58	0.07
15.20	0.06	0.053	203.58	0.07
15.30	0.06	0.053	203.58	0.07
15.40	0.06	0.052	203.58	0.07
15.50	0.06	0.052	203.57	0.07

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
15.60	0.06	0.052	203.57	0.06
15.70	0.06	0.052	203.57	0.06
15.80	0.06	0.052	203.57	0.06
15.90	0.05	0.052	203.57	0.06
16.00	0.05	0.052	203.57	0.06
16.10	0.05	0.052	203.57	0.06
16.20	0.05	0.052	203.57	0.06
16.30	0.05	0.052	203.57	0.06
16.40	0.05	0.052	203.57	0.05
16.50	0.05	0.052	203.56	0.05
16.60	0.05	0.052	203.56	0.05
16.70	0.05	0.052	203.56	0.05
16.80	0.05	0.052	203.56	0.05
16.90	0.05	0.052	203.56	0.05
17.00	0.05	0.052	203.56	0.05
17.10	0.04	0.052	203.56	0.05
17.20	0.04	0.052	203.56	0.05
17.30	0.04	0.052	203.56	0.05
17.40	0.04	0.052	203.56	0.05
17.50	0.04	0.052	203.56	0.04
17.60	0.04	0.052	203.56	0.04
17.70	0.04	0.052	203.56	0.04
17.80	0.04	0.052	203.56	0.04
17.90	0.04	0.051	203.55	0.04
18.00	0.04	0.051	203.55	0.04
18.10	0.04	0.051	203.55	0.04
18.20	0.04	0.051	203.55	0.04
18.30	0.03	0.051	203.55	0.04
18.40	0.03	0.051	203.55	0.04
18.50	0.03	0.051	203.55	0.04
18.60	0.03	0.051	203.55	0.04
18.70	0.03	0.051	203.55	0.04
18.80	0.03	0.051	203.55	0.04
18.90	0.03	0.051	203.55	0.04
19.00	0.03	0.051	203.55	0.03
19.10	0.03	0.051	203.55	0.03
19.20	0.03	0.051	203.55	0.03
19.30	0.03	0.051	203.55	0.03
19.40	0.03	0.051	203.55	0.03
19.50	0.03	0.051	203.55	0.03
19.60	0.03	0.051	203.55	0.03
19.70	0.03	0.051	203.55	0.03
19.80	0.03	0.051	203.55	0.03
19.90	0.03	0.051	203.55	0.03
20.00	0.03	0.051	203.55	0.03
20.10	0.03	0.051	203.55	0.03
20.20	0.03	0.051	203.55	0.03
20.30	0.03	0.051	203.55	0.03
20.40	0.03	0.051	203.55	0.03
20.50	0.03	0.051	203.55	0.03
20.60	0.03	0.051	203.55	0.03
20.70	0.03	0.051	203.54	0.03

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
20.80	0.03	0.051	203.54	0.03
20.90	0.03	0.051	203.54	0.03
21.00	0.03	0.051	203.54	0.03
21.10	0.03	0.051	203.54	0.03
21.20	0.03	0.051	203.54	0.03
21.30	0.03	0.051	203.54	0.03
21.40	0.03	0.051	203.54	0.03
21.50	0.03	0.051	203.54	0.03
21.60	0.03	0.051	203.54	0.03
21.70	0.03	0.051	203.54	0.03
21.80	0.03	0.051	203.54	0.03
21.90	0.03	0.051	203.54	0.03
22.00	0.03	0.051	203.54	0.03
22.10	0.03	0.051	203.54	0.03
22.20	0.03	0.051	203.54	0.03
22.30	0.03	0.051	203.54	0.03
22.40	0.03	0.051	203.54	0.03
22.50	0.03	0.051	203.54	0.03
22.60	0.03	0.051	203.54	0.03
22.70	0.03	0.051	203.54	0.03
22.80	0.03	0.051	203.54	0.03
22.90	0.02	0.051	203.54	0.03
23.00	0.02	0.051	203.54	0.03
23.10	0.02	0.051	203.54	0.03
23.20	0.02	0.051	203.54	0.03
23.30	0.02	0.051	203.54	0.03
23.40	0.02	0.051	203.54	0.03
23.50	0.02	0.051	203.54	0.02
23.60	0.02	0.051	203.54	0.02
23.70	0.02	0.051	203.54	0.02
23.80	0.02	0.051	203.54	0.02
23.90	0.02	0.051	203.54	0.02
24.00	0.03	0.051	203.54	0.02
24.10	0.00	0.051	203.54	0.02
24.20	0.00	0.050	203.53	0.02
24.30	0.00	0.050	203.53	0.02
24.40	0.00	0.050	203.53	0.01
24.50	0.00	0.050	203.52	0.01
24.60	0.00	0.050	203.52	0.01
24.70	0.00	0.050	203.52	0.01
24.80	0.00	0.050	203.52	0.01
24.90	0.00	0.050	203.52	0.01
25.00	0.00	0.050	203.52	0.01
25.10	0.00	0.050	203.51	0.01
25.20	0.00	0.050	203.51	0.01
25.30	0.00	0.050	203.51	0.00
25.40	0.00	0.050	203.51	0.00
25.50	0.00	0.049	203.51	0.00
25.60	0.00	0.049	203.51	0.00
25.70	0.00	0.049	203.51	0.00
25.80	0.00	0.049	203.51	0.00
25.90	0.00	0.049	203.51	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.049	203.51	0.00
26.10	0.00	0.049	203.51	0.00
26.20	0.00	0.049	203.51	0.00
26.30	0.00	0.049	203.51	0.00
26.40	0.00	0.049	203.51	0.00
26.50	0.00	0.049	203.51	0.00
26.60	0.00	0.049	203.51	0.00
26.70	0.00	0.049	203.50	0.00
26.80	0.00	0.049	203.50	0.00
26.90	0.00	0.049	203.50	0.00
27.00	0.00	0.049	203.50	0.00
27.10	0.00	0.049	203.50	0.00
27.20	0.00	0.049	203.50	0.00
27.30	0.00	0.049	203.50	0.00
27.40	0.00	0.049	203.50	0.00
27.50	0.00	0.049	203.50	0.00
27.60	0.00	0.049	203.50	0.00
27.70	0.00	0.049	203.50	0.00
27.80	0.00	0.049	203.50	0.00
27.90	0.00	0.049	203.50	0.00
28.00	0.00	0.049	203.50	0.00
28.10	0.00	0.049	203.50	0.00
28.20	0.00	0.049	203.50	0.00
28.30	0.00	0.049	203.50	0.00
28.40	0.00	0.049	203.50	0.00
28.50	0.00	0.049	203.50	0.00
28.60	0.00	0.049	203.50	0.00
28.70	0.00	0.049	203.50	0.00
28.80	0.00	0.049	203.50	0.00
28.90	0.00	0.049	203.50	0.00
29.00	0.00	0.049	203.50	0.00
29.10	0.00	0.049	203.50	0.00
29.20	0.00	0.049	203.50	0.00
29.30	0.00	0.049	203.50	0.00
29.40	0.00	0.049	203.50	0.00
29.50	0.00	0.049	203.50	0.00
29.60	0.00	0.049	203.50	0.00
29.70	0.00	0.049	203.50	0.00
29.80	0.00	0.049	203.50	0.00
29.90	0.00	0.049	203.50	0.00
30.00	0.00	0.049	203.50	0.00
30.10	0.00	0.049	203.50	0.00
30.20	0.00	0.049	203.50	0.00
30.30	0.00	0.049	203.50	0.00
30.40	0.00	0.049	203.50	0.00
30.50	0.00	0.049	203.50	0.00
30.60	0.00	0.049	203.50	0.00
30.70	0.00	0.049	203.50	0.00
30.80	0.00	0.049	203.50	0.00
30.90	0.00	0.049	203.50	0.00
31.00	0.00	0.049	203.50	0.00
31.10	0.00	0.049	203.50	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.049	203.50	0.00
31.30	0.00	0.049	203.50	0.00
31.40	0.00	0.049	203.50	0.00
31.50	0.00	0.049	203.50	0.00
31.60	0.00	0.049	203.50	0.00
31.70	0.00	0.049	203.50	0.00
31.80	0.00	0.049	203.50	0.00
31.90	0.00	0.049	203.50	0.00
32.00	0.00	0.049	203.50	0.00
32.10	0.00	0.049	203.50	0.00
32.20	0.00	0.049	203.50	0.00
32.30	0.00	0.049	203.50	0.00
32.40	0.00	0.049	203.50	0.00
32.50	0.00	0.049	203.50	0.00
32.60	0.00	0.049	203.50	0.00
32.70	0.00	0.049	203.50	0.00
32.80	0.00	0.049	203.50	0.00
32.90	0.00	0.049	203.50	0.00
33.00	0.00	0.049	203.50	0.00
33.10	0.00	0.049	203.50	0.00
33.20	0.00	0.049	203.50	0.00
33.30	0.00	0.049	203.50	0.00
33.40	0.00	0.049	203.50	0.00
33.50	0.00	0.049	203.50	0.00
33.60	0.00	0.049	203.50	0.00
33.70	0.00	0.049	203.50	0.00
33.80	0.00	0.049	203.50	0.00
33.90	0.00	0.049	203.50	0.00
34.00	0.00	0.049	203.50	0.00
34.10	0.00	0.049	203.50	0.00
34.20	0.00	0.049	203.50	0.00
34.30	0.00	0.049	203.50	0.00
34.40	0.00	0.049	203.50	0.00
34.50	0.00	0.049	203.50	0.00
34.60	0.00	0.049	203.50	0.00
34.70	0.00	0.049	203.50	0.00
34.80	0.00	0.049	203.50	0.00
34.90	0.00	0.049	203.50	0.00
35.00	0.00	0.049	203.50	0.00
35.10	0.00	0.049	203.50	0.00
35.20	0.00	0.049	203.50	0.00
35.30	0.00	0.049	203.50	0.00
35.40	0.00	0.049	203.50	0.00
35.50	0.00	0.049	203.50	0.00
35.60	0.00	0.049	203.50	0.00
35.70	0.00	0.049	203.50	0.00
35.80	0.00	0.049	203.50	0.00
35.90	0.00	0.049	203.50	0.00
36.00	0.00	0.049	203.50	0.00
36.10	0.00	0.049	203.50	0.00
36.20	0.00	0.049	203.50	0.00
36.30	0.00	0.049	203.50	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.049	203.50	0.00
36.50	0.00	0.049	203.50	0.00
36.60	0.00	0.049	203.50	0.00
36.70	0.00	0.049	203.50	0.00
36.80	0.00	0.049	203.50	0.00
36.90	0.00	0.049	203.50	0.00
37.00	0.00	0.049	203.50	0.00
37.10	0.00	0.049	203.50	0.00
37.20	0.00	0.049	203.50	0.00
37.30	0.00	0.049	203.50	0.00
37.40	0.00	0.049	203.50	0.00
37.50	0.00	0.049	203.50	0.00
37.60	0.00	0.049	203.50	0.00
37.70	0.00	0.049	203.50	0.00
37.80	0.00	0.049	203.50	0.00
37.90	0.00	0.049	203.50	0.00
38.00	0.00	0.049	203.50	0.00
38.10	0.00	0.049	203.50	0.00
38.20	0.00	0.049	203.50	0.00
38.30	0.00	0.049	203.50	0.00
38.40	0.00	0.049	203.50	0.00
38.50	0.00	0.049	203.50	0.00
38.60	0.00	0.049	203.50	0.00
38.70	0.00	0.049	203.50	0.00
38.80	0.00	0.049	203.50	0.00
38.90	0.00	0.049	203.50	0.00
39.00	0.00	0.049	203.50	0.00
39.10	0.00	0.049	203.50	0.00
39.20	0.00	0.049	203.50	0.00
39.30	0.00	0.049	203.50	0.00
39.40	0.00	0.049	203.50	0.00
39.50	0.00	0.049	203.50	0.00
39.60	0.00	0.049	203.50	0.00
39.70	0.00	0.049	203.50	0.00
39.80	0.00	0.049	203.50	0.00
39.90	0.00	0.049	203.50	0.00
40.00	0.00	0.049	203.50	0.00

Stage-Discharge for Pond 3P: Underground Storage

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.00	203.56	0.05
202.01	0.00	202.53	0.00	203.05	0.00	203.57	0.06
202.02	0.00	202.54	0.00	203.06	0.00	203.58	0.07
202.03	0.00	202.55	0.00	203.07	0.00	203.59	0.09
202.04	0.00	202.56	0.00	203.08	0.00	203.60	0.10
202.05	0.00	202.57	0.00	203.09	0.00	203.61	0.12
202.06	0.00	202.58	0.00	203.10	0.00	203.62	0.13
202.07	0.00	202.59	0.00	203.11	0.00	203.63	0.15
202.08	0.00	202.60	0.00	203.12	0.00	203.64	0.17
202.09	0.00	202.61	0.00	203.13	0.00	203.65	0.19
202.10	0.00	202.62	0.00	203.14	0.00	203.66	0.21
202.11	0.00	202.63	0.00	203.15	0.00	203.67	0.22
202.12	0.00	202.64	0.00	203.16	0.00	203.68	0.25
202.13	0.00	202.65	0.00	203.17	0.00	203.69	0.27
202.14	0.00	202.66	0.00	203.18	0.00	203.70	0.29
202.15	0.00	202.67	0.00	203.19	0.00	203.71	0.31
202.16	0.00	202.68	0.00	203.20	0.00	203.72	0.33
202.17	0.00	202.69	0.00	203.21	0.00	203.73	0.35
202.18	0.00	202.70	0.00	203.22	0.00	203.74	0.38
202.19	0.00	202.71	0.00	203.23	0.00	203.75	0.40
202.20	0.00	202.72	0.00	203.24	0.00	203.76	0.43
202.21	0.00	202.73	0.00	203.25	0.00	203.77	0.45
202.22	0.00	202.74	0.00	203.26	0.00	203.78	0.48
202.23	0.00	202.75	0.00	203.27	0.00	203.79	0.50
202.24	0.00	202.76	0.00	203.28	0.00	203.80	0.53
202.25	0.00	202.77	0.00	203.29	0.00	203.81	0.55
202.26	0.00	202.78	0.00	203.30	0.00	203.82	0.58
202.27	0.00	202.79	0.00	203.31	0.00	203.83	0.61
202.28	0.00	202.80	0.00	203.32	0.00	203.84	0.64
202.29	0.00	202.81	0.00	203.33	0.00	203.85	0.66
202.30	0.00	202.82	0.00	203.34	0.00	203.86	0.69
202.31	0.00	202.83	0.00	203.35	0.00	203.87	0.72
202.32	0.00	202.84	0.00	203.36	0.00	203.88	0.75
202.33	0.00	202.85	0.00	203.37	0.00	203.89	0.78
202.34	0.00	202.86	0.00	203.38	0.00	203.90	0.81
202.35	0.00	202.87	0.00	203.39	0.00	203.91	0.84
202.36	0.00	202.88	0.00	203.40	0.00	203.92	0.87
202.37	0.00	202.89	0.00	203.41	0.00	203.93	0.91
202.38	0.00	202.90	0.00	203.42	0.00	203.94	0.94
202.39	0.00	202.91	0.00	203.43	0.00	203.95	0.97
202.40	0.00	202.92	0.00	203.44	0.00	203.96	1.00
202.41	0.00	202.93	0.00	203.45	0.00	203.97	1.03
202.42	0.00	202.94	0.00	203.46	0.00	203.98	1.07
202.43	0.00	202.95	0.00	203.47	0.00	203.99	1.10
202.44	0.00	202.96	0.00	203.48	0.00	204.00	1.13
202.45	0.00	202.97	0.00	203.49	0.00	204.01	1.17
202.46	0.00	202.98	0.00	203.50	0.00	204.02	1.19
202.47	0.00	202.99	0.00	203.51	0.00	204.03	1.22
202.48	0.00	203.00	0.00	203.52	0.01	204.04	1.25
202.49	0.00	203.01	0.00	203.53	0.02	204.05	1.27
202.50	0.00	203.02	0.00	203.54	0.03	204.06	1.30
202.51	0.00	203.03	0.00	203.55	0.04	204.07	1.32

Stage-Discharge for Pond 3P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.35	204.60	2.21	205.12	2.81	205.64	3.31
204.09	1.37	204.61	2.22	205.13	2.82	205.65	3.32
204.10	1.39	204.62	2.24	205.14	2.83	205.66	3.32
204.11	1.41	204.63	2.25	205.15	2.84	205.67	3.33
204.12	1.43	204.64	2.26	205.16	2.85	205.68	3.34
204.13	1.45	204.65	2.28	205.17	2.87	205.69	3.35
204.14	1.48	204.66	2.29	205.18	2.88	205.70	3.36
204.15	1.50	204.67	2.30	205.19	2.89	205.71	3.37
204.16	1.52	204.68	2.31	205.20	2.90	205.72	3.38
204.17	1.54	204.69	2.33	205.21	2.91	205.73	3.39
204.18	1.55	204.70	2.34	205.22	2.92	205.74	3.39
204.19	1.57	204.71	2.35	205.23	2.93	205.75	3.40
204.20	1.59	204.72	2.36	205.24	2.94	205.76	3.41
204.21	1.61	204.73	2.38	205.25	2.95	205.77	3.42
204.22	1.63	204.74	2.39	205.26	2.95	205.78	3.43
204.23	1.65	204.75	2.40	205.27	2.96	205.79	3.44
204.24	1.67	204.76	2.41	205.28	2.97	205.80	3.44
204.25	1.68	204.77	2.43	205.29	2.98	205.81	3.45
204.26	1.70	204.78	2.44	205.30	2.99	205.82	3.46
204.27	1.72	204.79	2.45	205.31	3.00	205.83	3.47
204.28	1.74	204.80	2.46	205.32	3.01	205.84	3.48
204.29	1.75	204.81	2.47	205.33	3.02	205.85	3.49
204.30	1.77	204.82	2.48	205.34	3.03	205.86	3.50
204.31	1.79	204.83	2.50	205.35	3.04	205.87	3.50
204.32	1.80	204.84	2.51	205.36	3.05	205.88	3.51
204.33	1.82	204.85	2.52	205.37	3.06	205.89	3.52
204.34	1.83	204.86	2.53	205.38	3.07	205.90	3.53
204.35	1.85	204.87	2.54	205.39	3.08	205.91	3.54
204.36	1.87	204.88	2.55	205.40	3.09	205.92	3.54
204.37	1.88	204.89	2.57	205.41	3.10	205.93	3.55
204.38	1.90	204.90	2.58	205.42	3.11	205.94	3.56
204.39	1.91	204.91	2.59	205.43	3.12	205.95	3.57
204.40	1.93	204.92	2.60	205.44	3.13	205.96	3.58
204.41	1.94	204.93	2.61	205.45	3.14	205.97	3.59
204.42	1.96	204.94	2.62	205.46	3.15	205.98	3.59
204.43	1.97	204.95	2.63	205.47	3.15	205.99	3.60
204.44	1.99	204.96	2.64	205.48	3.16	206.00	3.61
204.45	2.00	204.97	2.65	205.49	3.17	206.01	3.62
204.46	2.02	204.98	2.67	205.50	3.18	206.02	3.63
204.47	2.03	204.99	2.68	205.51	3.19	206.03	3.63
204.48	2.05	205.00	2.69	205.52	3.20	206.04	3.64
204.49	2.06	205.01	2.70	205.53	3.21	206.05	3.65
204.50	2.08	205.02	2.71	205.54	3.22	206.06	3.66
204.51	2.09	205.03	2.72	205.55	3.23	206.07	3.67
204.52	2.10	205.04	2.73	205.56	3.24	206.08	3.67
204.53	2.12	205.05	2.74	205.57	3.25	206.09	3.68
204.54	2.13	205.06	2.75	205.58	3.25	206.10	3.69
204.55	2.14	205.07	2.76	205.59	3.26	206.11	3.70
204.56	2.16	205.08	2.77	205.60	3.27	206.12	3.70
204.57	2.17	205.09	2.78	205.61	3.28	206.13	3.71
204.58	2.18	205.10	2.79	205.62	3.29	206.14	3.72
204.59	2.20	205.11	2.80	205.63	3.30	206.15	3.73

Stage-Discharge for Pond 3P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)
206.16	3.74
206.17	3.74
206.18	3.75
206.19	3.76
206.20	3.77
206.21	3.77
206.22	3.78
206.23	3.79
206.24	3.80
206.25	3.80
206.26	3.81
206.27	3.82
206.28	3.83
206.29	3.84
206.30	3.84
206.31	3.85
206.32	3.86
206.33	3.87
206.34	3.87
206.35	3.88
206.36	3.89
206.37	3.90
206.38	3.90
206.39	3.91
206.40	3.92
206.41	3.93
206.42	3.93
206.43	3.94
206.44	3.95
206.45	3.95
206.46	3.96
206.47	3.97
206.48	3.98
206.49	3.98
206.50	3.99

Stage-Area-Storage for Pond 3P: Underground Storage

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
202.00	0.000	202.52	0.015	203.04	0.029
202.01	0.000	202.53	0.015	203.05	0.030
202.02	0.001	202.54	0.015	203.06	0.030
202.03	0.001	202.55	0.015	203.07	0.030
202.04	0.001	202.56	0.016	203.08	0.031
202.05	0.001	202.57	0.016	203.09	0.031
202.06	0.002	202.58	0.016	203.10	0.032
202.07	0.002	202.59	0.016	203.11	0.032
202.08	0.002	202.60	0.016	203.12	0.032
202.09	0.003	202.61	0.017	203.13	0.033
202.10	0.003	202.62	0.017	203.14	0.033
202.11	0.003	202.63	0.017	203.15	0.034
202.12	0.003	202.64	0.017	203.16	0.034
202.13	0.004	202.65	0.018	203.17	0.035
202.14	0.004	202.66	0.018	203.18	0.035
202.15	0.004	202.67	0.018	203.19	0.035
202.16	0.004	202.68	0.018	203.20	0.036
202.17	0.005	202.69	0.018	203.21	0.036
202.18	0.005	202.70	0.019	203.22	0.037
202.19	0.005	202.71	0.019	203.23	0.037
202.20	0.006	202.72	0.019	203.24	0.037
202.21	0.006	202.73	0.019	203.25	0.038
202.22	0.006	202.74	0.019	203.26	0.038
202.23	0.006	202.75	0.020	203.27	0.039
202.24	0.007	202.76	0.020	203.28	0.039
202.25	0.007	202.77	0.020	203.29	0.040
202.26	0.007	202.78	0.020	203.30	0.040
202.27	0.008	202.79	0.021	203.31	0.040
202.28	0.008	202.80	0.021	203.32	0.041
202.29	0.008	202.81	0.021	203.33	0.041
202.30	0.008	202.82	0.022	203.34	0.042
202.31	0.009	202.83	0.022	203.35	0.042
202.32	0.009	202.84	0.022	203.36	0.043
202.33	0.009	202.85	0.023	203.37	0.043
202.34	0.010	202.86	0.023	203.38	0.044
202.35	0.010	202.87	0.023	203.39	0.044
202.36	0.010	202.88	0.023	203.40	0.044
202.37	0.010	202.89	0.024	203.41	0.045
202.38	0.011	202.90	0.024	203.42	0.045
202.39	0.011	202.91	0.025	203.43	0.046
202.40	0.011	202.92	0.025	203.44	0.046
202.41	0.012	202.93	0.025	203.45	0.047
202.42	0.012	202.94	0.026	203.46	0.047
202.43	0.012	202.95	0.026	203.47	0.048
202.44	0.012	202.96	0.026	203.48	0.048
202.45	0.013	202.97	0.027	203.49	0.049
202.46	0.013	202.98	0.027	203.50	0.049
202.47	0.013	202.99	0.027	203.51	0.049
202.48	0.013	203.00	0.028	203.52	0.050
202.49	0.014	203.01	0.028	203.53	0.050
202.50	0.014	203.02	0.029	203.54	0.051
202.51	0.014	203.03	0.029	203.55	0.051

Stage-Area-Storage for Pond 3P: Underground Storage (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
203.56	0.052	204.08	0.077	204.60	0.102
203.57	0.052	204.09	0.077	204.61	0.103
203.58	0.053	204.10	0.078	204.62	0.103
203.59	0.053	204.11	0.078	204.63	0.104
203.60	0.054	204.12	0.079	204.64	0.104
203.61	0.054	204.13	0.079	204.65	0.105
203.62	0.055	204.14	0.080	204.66	0.105
203.63	0.055	204.15	0.080	204.67	0.106
203.64	0.056	204.16	0.081	204.68	0.106
203.65	0.056	204.17	0.081	204.69	0.107
203.66	0.056	204.18	0.082	204.70	0.107
203.67	0.057	204.19	0.082	204.71	0.108
203.68	0.057	204.20	0.083	204.72	0.108
203.69	0.058	204.21	0.083	204.73	0.109
203.70	0.058	204.22	0.084	204.74	0.109
203.71	0.059	204.23	0.084	204.75	0.110
203.72	0.059	204.24	0.085	204.76	0.110
203.73	0.060	204.25	0.085	204.77	0.111
203.74	0.060	204.26	0.086	204.78	0.111
203.75	0.061	204.27	0.086	204.79	0.112
203.76	0.061	204.28	0.087	204.80	0.112
203.77	0.062	204.29	0.087	204.81	0.112
203.78	0.062	204.30	0.088	204.82	0.113
203.79	0.063	204.31	0.088	204.83	0.113
203.80	0.063	204.32	0.089	204.84	0.114
203.81	0.064	204.33	0.089	204.85	0.114
203.82	0.064	204.34	0.090	204.86	0.115
203.83	0.065	204.35	0.090	204.87	0.115
203.84	0.065	204.36	0.091	204.88	0.116
203.85	0.066	204.37	0.091	204.89	0.116
203.86	0.066	204.38	0.092	204.90	0.117
203.87	0.067	204.39	0.092	204.91	0.117
203.88	0.067	204.40	0.093	204.92	0.118
203.89	0.067	204.41	0.093	204.93	0.118
203.90	0.068	204.42	0.094	204.94	0.119
203.91	0.068	204.43	0.094	204.95	0.119
203.92	0.069	204.44	0.095	204.96	0.120
203.93	0.069	204.45	0.095	204.97	0.120
203.94	0.070	204.46	0.096	204.98	0.120
203.95	0.070	204.47	0.096	204.99	0.121
203.96	0.071	204.48	0.096	205.00	0.121
203.97	0.071	204.49	0.097	205.01	0.122
203.98	0.072	204.50	0.097	205.02	0.122
203.99	0.072	204.51	0.098	205.03	0.123
204.00	0.073	204.52	0.098	205.04	0.123
204.01	0.073	204.53	0.099	205.05	0.124
204.02	0.074	204.54	0.099	205.06	0.124
204.03	0.074	204.55	0.100	205.07	0.125
204.04	0.075	204.56	0.100	205.08	0.125
204.05	0.075	204.57	0.101	205.09	0.125
204.06	0.076	204.58	0.101	205.10	0.126
204.07	0.076	204.59	0.102	205.11	0.126

Stage-Area-Storage for Pond 3P: Underground Storage (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
205.12	0.127	205.64	0.148	206.16	0.161
205.13	0.127	205.65	0.148	206.17	0.161
205.14	0.128	205.66	0.148	206.18	0.161
205.15	0.128	205.67	0.148	206.19	0.162
205.16	0.129	205.68	0.149	206.20	0.162
205.17	0.129	205.69	0.149	206.21	0.162
205.18	0.129	205.70	0.149	206.22	0.162
205.19	0.130	205.71	0.150	206.23	0.163
205.20	0.130	205.72	0.150	206.24	0.163
205.21	0.131	205.73	0.150	206.25	0.163
205.22	0.131	205.74	0.150	206.26	0.164
205.23	0.132	205.75	0.151	206.27	0.164
205.24	0.132	205.76	0.151	206.28	0.164
205.25	0.132	205.77	0.151	206.29	0.164
205.26	0.133	205.78	0.151	206.30	0.165
205.27	0.133	205.79	0.151	206.31	0.165
205.28	0.134	205.80	0.152	206.32	0.165
205.29	0.134	205.81	0.152	206.33	0.166
205.30	0.135	205.82	0.152	206.34	0.166
205.31	0.135	205.83	0.152	206.35	0.166
205.32	0.135	205.84	0.153	206.36	0.166
205.33	0.136	205.85	0.153	206.37	0.167
205.34	0.136	205.86	0.153	206.38	0.167
205.35	0.137	205.87	0.153	206.39	0.167
205.36	0.137	205.88	0.153	206.40	0.168
205.37	0.137	205.89	0.154	206.41	0.168
205.38	0.138	205.90	0.154	206.42	0.168
205.39	0.138	205.91	0.154	206.43	0.168
205.40	0.139	205.92	0.154	206.44	0.169
205.41	0.139	205.93	0.155	206.45	0.169
205.42	0.139	205.94	0.155	206.46	0.169
205.43	0.140	205.95	0.155	206.47	0.169
205.44	0.140	205.96	0.155	206.48	0.170
205.45	0.141	205.97	0.156	206.49	0.170
205.46	0.141	205.98	0.156	206.50	0.170
205.47	0.141	205.99	0.156		
205.48	0.142	206.00	0.156		
205.49	0.142	206.01	0.157		
205.50	0.143	206.02	0.157		
205.51	0.143	206.03	0.157		
205.52	0.143	206.04	0.157		
205.53	0.144	206.05	0.158		
205.54	0.144	206.06	0.158		
205.55	0.144	206.07	0.158		
205.56	0.145	206.08	0.159		
205.57	0.145	206.09	0.159		
205.58	0.145	206.10	0.159		
205.59	0.146	206.11	0.159		
205.60	0.146	206.12	0.160		
205.61	0.147	206.13	0.160		
205.62	0.147	206.14	0.160		
205.63	0.147	206.15	0.161		

Summary for Pond B-29: Basin #29

Inflow Area = 1.077 ac, 34.91% Impervious, Inflow Depth = 2.23" for Future 2 yr event
 Inflow = 3.14 cfs @ 12.09 hrs, Volume= 0.200 af
 Outflow = 0.12 cfs @ 14.47 hrs, Volume= 0.156 af, Atten= 96%, Lag= 142.6 min
 Primary = 0.12 cfs @ 14.47 hrs, Volume= 0.156 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 186.93' @ 14.47 hrs Surf.Area= 6,687 sf Storage= 5,716 cf

Plug-Flow detention time= 563.3 min calculated for 0.156 af (78% of inflow)
 Center-of-Mass det. time= 474.1 min (1,269.1 - 795.0)

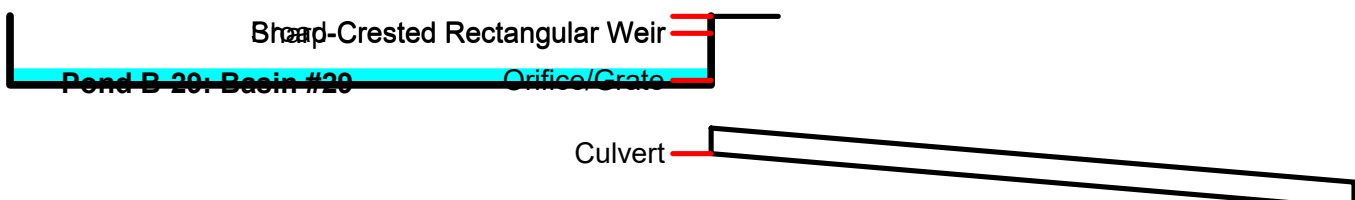
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	29,747 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	5,666	0	0
187.00	6,769	6,218	6,218
188.00	7,526	7,148	13,365
189.00	8,311	7,919	21,284
190.00	8,616	8,464	29,747

Device	Routing	Invert	Outlet Devices
#1	Primary	182.00'	18.0" Round Culvert L= 48.0' Ke= 0.500 Inlet / Outlet Invert= 182.00' / 178.85' S= 0.0656 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	186.27'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	189.99'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

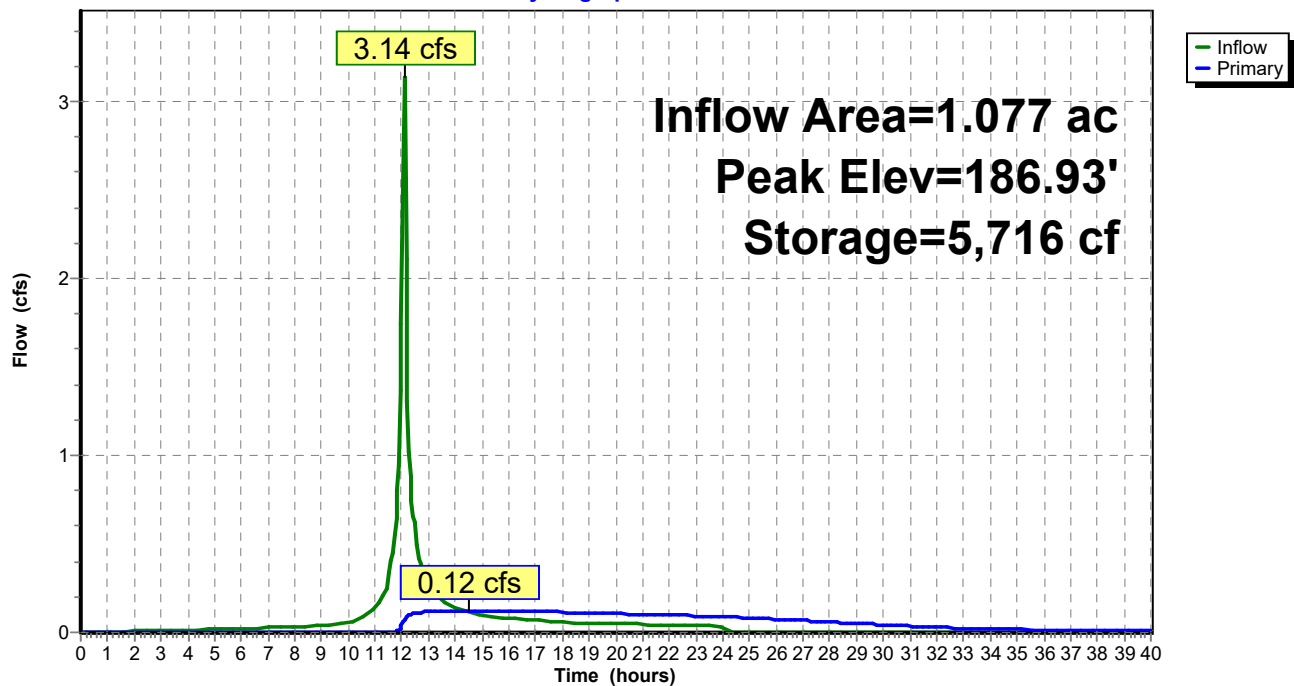
Primary OutFlow Max=0.12 cfs @ 14.47 hrs HW=186.93' (Free Discharge)

1=Culvert (Passes 0.12 cfs of 17.39 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.12 cfs @ 3.57 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-29: Basin #29

Hydrograph



Hydrograph for Pond B-29: Basin #29

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	0	186.00	0.00
1.00	0.00	0	186.00	0.00
1.10	0.00	0	186.00	0.00
1.20	0.00	0	186.00	0.00
1.30	0.00	1	186.00	0.00
1.40	0.00	2	186.00	0.00
1.50	0.00	3	186.00	0.00
1.60	0.00	4	186.00	0.00
1.70	0.00	5	186.00	0.00
1.80	0.00	7	186.00	0.00
1.90	0.01	8	186.00	0.00
2.00	0.01	10	186.00	0.00
2.10	0.01	13	186.00	0.00
2.20	0.01	15	186.00	0.00
2.30	0.01	17	186.00	0.00
2.40	0.01	20	186.00	0.00
2.50	0.01	23	186.00	0.00
2.60	0.01	26	186.00	0.00
2.70	0.01	29	186.01	0.00
2.80	0.01	32	186.01	0.00
2.90	0.01	36	186.01	0.00
3.00	0.01	39	186.01	0.00
3.10	0.01	43	186.01	0.00
3.20	0.01	47	186.01	0.00
3.30	0.01	51	186.01	0.00
3.40	0.01	55	186.01	0.00
3.50	0.01	59	186.01	0.00
3.60	0.01	63	186.01	0.00
3.70	0.01	68	186.01	0.00
3.80	0.01	72	186.01	0.00
3.90	0.01	77	186.01	0.00
4.00	0.01	82	186.01	0.00
4.10	0.01	87	186.02	0.00
4.20	0.01	92	186.02	0.00
4.30	0.01	97	186.02	0.00
4.40	0.01	102	186.02	0.00
4.50	0.02	107	186.02	0.00
4.60	0.02	113	186.02	0.00
4.70	0.02	118	186.02	0.00
4.80	0.02	124	186.02	0.00
4.90	0.02	130	186.02	0.00
5.00	0.02	136	186.02	0.00
5.10	0.02	142	186.02	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	148	186.03	0.00
5.30	0.02	154	186.03	0.00
5.40	0.02	160	186.03	0.00
5.50	0.02	167	186.03	0.00
5.60	0.02	173	186.03	0.00
5.70	0.02	179	186.03	0.00
5.80	0.02	186	186.03	0.00
5.90	0.02	193	186.03	0.00
6.00	0.02	200	186.04	0.00
6.10	0.02	206	186.04	0.00
6.20	0.02	214	186.04	0.00
6.30	0.02	221	186.04	0.00
6.40	0.02	229	186.04	0.00
6.50	0.02	236	186.04	0.00
6.60	0.02	244	186.04	0.00
6.70	0.02	253	186.04	0.00
6.80	0.02	261	186.05	0.00
6.90	0.02	270	186.05	0.00
7.00	0.03	279	186.05	0.00
7.10	0.03	288	186.05	0.00
7.20	0.03	297	186.05	0.00
7.30	0.03	307	186.05	0.00
7.40	0.03	316	186.06	0.00
7.50	0.03	326	186.06	0.00
7.60	0.03	337	186.06	0.00
7.70	0.03	347	186.06	0.00
7.80	0.03	358	186.06	0.00
7.90	0.03	369	186.06	0.00
8.00	0.03	380	186.07	0.00
8.10	0.03	391	186.07	0.00
8.20	0.03	403	186.07	0.00
8.30	0.03	414	186.07	0.00
8.40	0.03	427	186.07	0.00
8.50	0.03	439	186.08	0.00
8.60	0.04	451	186.08	0.00
8.70	0.04	464	186.08	0.00
8.80	0.04	477	186.08	0.00
8.90	0.04	490	186.09	0.00
9.00	0.04	504	186.09	0.00
9.10	0.04	517	186.09	0.00
9.20	0.04	532	186.09	0.00
9.30	0.04	547	186.10	0.00
9.40	0.05	564	186.10	0.00
9.50	0.05	581	186.10	0.00
9.60	0.05	598	186.10	0.00
9.70	0.05	617	186.11	0.00
9.80	0.05	636	186.11	0.00
9.90	0.06	656	186.11	0.00
10.00	0.06	677	186.12	0.00
10.10	0.06	699	186.12	0.00
10.20	0.07	722	186.13	0.00
10.30	0.07	746	186.13	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.07	771	186.13	0.00
10.50	0.08	798	186.14	0.00
10.60	0.09	828	186.14	0.00
10.70	0.10	861	186.15	0.00
10.80	0.11	898	186.16	0.00
10.90	0.12	939	186.16	0.00
11.00	0.13	986	186.17	0.00
11.10	0.16	1,038	186.18	0.00
11.20	0.18	1,099	186.19	0.00
11.30	0.21	1,168	186.20	0.00
11.40	0.23	1,247	186.22	0.00
11.50	0.26	1,335	186.23	0.00
11.60	0.40	1,454	186.25	0.00
11.70	0.45	1,609	186.28	0.00
11.80	0.64	1,806	186.31	0.00
11.90	0.95	2,091	186.36	0.01
12.00	1.74	2,570	186.44	0.04
12.10	3.13	3,443	186.58	0.07
12.20	1.30	4,192	186.69	0.09
12.30	0.89	4,539	186.75	0.10
12.40	0.66	4,775	186.78	0.10
12.50	0.62	4,965	186.81	0.11
12.60	0.41	5,107	186.83	0.11
12.70	0.38	5,209	186.85	0.11
12.80	0.35	5,298	186.86	0.11
12.90	0.32	5,376	186.87	0.12
13.00	0.28	5,442	186.88	0.12
13.10	0.25	5,496	186.89	0.12
13.20	0.23	5,540	186.90	0.12
13.30	0.22	5,578	186.90	0.12
13.40	0.20	5,609	186.91	0.12
13.50	0.18	5,634	186.91	0.12
13.60	0.16	5,652	186.92	0.12
13.70	0.16	5,666	186.92	0.12
13.80	0.15	5,678	186.92	0.12
13.90	0.15	5,688	186.92	0.12
14.00	0.14	5,697	186.92	0.12
14.10	0.14	5,704	186.92	0.12
14.20	0.13	5,710	186.92	0.12
14.30	0.13	5,713	186.93	0.12
14.40	0.13	5,715	186.93	0.12
14.50	0.12	5,716	186.93	0.12
14.60	0.12	5,714	186.93	0.12
14.70	0.11	5,711	186.92	0.12
14.80	0.11	5,706	186.92	0.12
14.90	0.10	5,700	186.92	0.12
15.00	0.10	5,692	186.92	0.12
15.10	0.09	5,682	186.92	0.12
15.20	0.09	5,671	186.92	0.12
15.30	0.09	5,660	186.92	0.12
15.40	0.09	5,649	186.92	0.12
15.50	0.09	5,637	186.91	0.12

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.09	5,624	186.91	0.12
15.70	0.08	5,612	186.91	0.12
15.80	0.08	5,599	186.91	0.12
15.90	0.08	5,585	186.91	0.12
16.00	0.08	5,571	186.90	0.12
16.10	0.08	5,557	186.90	0.12
16.20	0.08	5,543	186.90	0.12
16.30	0.08	5,528	186.90	0.12
16.40	0.08	5,513	186.89	0.12
16.50	0.07	5,497	186.89	0.12
16.60	0.07	5,481	186.89	0.12
16.70	0.07	5,465	186.89	0.12
16.80	0.07	5,448	186.89	0.12
16.90	0.07	5,431	186.88	0.12
17.00	0.07	5,414	186.88	0.12
17.10	0.07	5,396	186.88	0.12
17.20	0.07	5,378	186.87	0.12
17.30	0.06	5,360	186.87	0.12
17.40	0.06	5,341	186.87	0.12
17.50	0.06	5,322	186.87	0.12
17.60	0.06	5,303	186.86	0.11
17.70	0.06	5,283	186.86	0.11
17.80	0.06	5,263	186.86	0.11
17.90	0.06	5,242	186.85	0.11
18.00	0.06	5,222	186.85	0.11
18.10	0.05	5,200	186.85	0.11
18.20	0.05	5,179	186.84	0.11
18.30	0.05	5,158	186.84	0.11
18.40	0.05	5,137	186.84	0.11
18.50	0.05	5,116	186.83	0.11
18.60	0.05	5,094	186.83	0.11
18.70	0.05	5,073	186.83	0.11
18.80	0.05	5,052	186.83	0.11
18.90	0.05	5,031	186.82	0.11
19.00	0.05	5,010	186.82	0.11
19.10	0.05	4,989	186.82	0.11
19.20	0.05	4,968	186.81	0.11
19.30	0.05	4,947	186.81	0.11
19.40	0.05	4,926	186.81	0.11
19.50	0.05	4,905	186.80	0.11
19.60	0.05	4,885	186.80	0.11
19.70	0.05	4,864	186.80	0.11
19.80	0.05	4,843	186.79	0.11
19.90	0.05	4,822	186.79	0.11
20.00	0.05	4,802	186.79	0.11
20.10	0.05	4,781	186.78	0.11
20.20	0.05	4,760	186.78	0.10
20.30	0.05	4,740	186.78	0.10
20.40	0.05	4,719	186.77	0.10
20.50	0.05	4,698	186.77	0.10
20.60	0.05	4,678	186.77	0.10
20.70	0.05	4,658	186.77	0.10

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	4,637	186.76	0.10
20.90	0.05	4,617	186.76	0.10
21.00	0.04	4,596	186.76	0.10
21.10	0.04	4,576	186.75	0.10
21.20	0.04	4,555	186.75	0.10
21.30	0.04	4,535	186.75	0.10
21.40	0.04	4,515	186.74	0.10
21.50	0.04	4,495	186.74	0.10
21.60	0.04	4,475	186.74	0.10
21.70	0.04	4,454	186.73	0.10
21.80	0.04	4,434	186.73	0.10
21.90	0.04	4,414	186.73	0.10
22.00	0.04	4,394	186.72	0.10
22.10	0.04	4,374	186.72	0.10
22.20	0.04	4,354	186.72	0.10
22.30	0.04	4,334	186.72	0.10
22.40	0.04	4,315	186.71	0.10
22.50	0.04	4,295	186.71	0.09
22.60	0.04	4,275	186.71	0.09
22.70	0.04	4,255	186.70	0.09
22.80	0.04	4,235	186.70	0.09
22.90	0.04	4,216	186.70	0.09
23.00	0.04	4,196	186.69	0.09
23.10	0.04	4,177	186.69	0.09
23.20	0.04	4,157	186.69	0.09
23.30	0.04	4,137	186.68	0.09
23.40	0.04	4,118	186.68	0.09
23.50	0.04	4,099	186.68	0.09
23.60	0.04	4,079	186.68	0.09
23.70	0.04	4,060	186.67	0.09
23.80	0.04	4,041	186.67	0.09
23.90	0.04	4,021	186.67	0.09
24.00	0.04	4,004	186.66	0.09
24.10	0.00	3,979	186.66	0.09
24.20	0.00	3,948	186.66	0.09
24.30	0.00	3,917	186.65	0.09
24.40	0.00	3,886	186.65	0.09
24.50	0.00	3,856	186.64	0.08
24.60	0.00	3,825	186.64	0.08
24.70	0.00	3,795	186.63	0.08
24.80	0.00	3,765	186.63	0.08
24.90	0.00	3,736	186.62	0.08
25.00	0.00	3,707	186.62	0.08
25.10	0.00	3,678	186.61	0.08
25.20	0.00	3,649	186.61	0.08
25.30	0.00	3,621	186.60	0.08
25.40	0.00	3,592	186.60	0.08
25.50	0.00	3,564	186.59	0.08
25.60	0.00	3,537	186.59	0.08
25.70	0.00	3,510	186.59	0.08
25.80	0.00	3,483	186.58	0.07
25.90	0.00	3,456	186.58	0.07

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,429	186.57	0.07
26.10	0.00	3,403	186.57	0.07
26.20	0.00	3,377	186.56	0.07
26.30	0.00	3,352	186.56	0.07
26.40	0.00	3,326	186.56	0.07
26.50	0.00	3,301	186.55	0.07
26.60	0.00	3,276	186.55	0.07
26.70	0.00	3,252	186.54	0.07
26.80	0.00	3,228	186.54	0.07
26.90	0.00	3,204	186.54	0.07
27.00	0.00	3,180	186.53	0.07
27.10	0.00	3,156	186.53	0.06
27.20	0.00	3,133	186.53	0.06
27.30	0.00	3,110	186.52	0.06
27.40	0.00	3,088	186.52	0.06
27.50	0.00	3,066	186.52	0.06
27.60	0.00	3,044	186.51	0.06
27.70	0.00	3,022	186.51	0.06
27.80	0.00	3,000	186.50	0.06
27.90	0.00	2,979	186.50	0.06
28.00	0.00	2,958	186.50	0.06
28.10	0.00	2,938	186.49	0.06
28.20	0.00	2,917	186.49	0.06
28.30	0.00	2,897	186.49	0.06
28.40	0.00	2,878	186.48	0.05
28.50	0.00	2,858	186.48	0.05
28.60	0.00	2,839	186.48	0.05
28.70	0.00	2,820	186.48	0.05
28.80	0.00	2,801	186.47	0.05
28.90	0.00	2,783	186.47	0.05
29.00	0.00	2,765	186.47	0.05
29.10	0.00	2,747	186.46	0.05
29.20	0.00	2,730	186.46	0.05
29.30	0.00	2,713	186.46	0.05
29.40	0.00	2,696	186.46	0.05
29.50	0.00	2,680	186.45	0.05
29.60	0.00	2,663	186.45	0.04
29.70	0.00	2,647	186.45	0.04
29.80	0.00	2,632	186.45	0.04
29.90	0.00	2,616	186.44	0.04
30.00	0.00	2,601	186.44	0.04
30.10	0.00	2,586	186.44	0.04
30.20	0.00	2,571	186.44	0.04
30.30	0.00	2,557	186.43	0.04
30.40	0.00	2,543	186.43	0.04
30.50	0.00	2,529	186.43	0.04
30.60	0.00	2,516	186.43	0.04
30.70	0.00	2,503	186.42	0.04
30.80	0.00	2,490	186.42	0.04
30.90	0.00	2,477	186.42	0.03
31.00	0.00	2,465	186.42	0.03
31.10	0.00	2,453	186.42	0.03

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,441	186.41	0.03
31.30	0.00	2,429	186.41	0.03
31.40	0.00	2,418	186.41	0.03
31.50	0.00	2,407	186.41	0.03
31.60	0.00	2,396	186.41	0.03
31.70	0.00	2,386	186.41	0.03
31.80	0.00	2,375	186.40	0.03
31.90	0.00	2,365	186.40	0.03
32.00	0.00	2,355	186.40	0.03
32.10	0.00	2,345	186.40	0.03
32.20	0.00	2,335	186.40	0.03
32.30	0.00	2,326	186.40	0.03
32.40	0.00	2,317	186.39	0.03
32.50	0.00	2,308	186.39	0.02
32.60	0.00	2,299	186.39	0.02
32.70	0.00	2,290	186.39	0.02
32.80	0.00	2,282	186.39	0.02
32.90	0.00	2,273	186.39	0.02
33.00	0.00	2,265	186.39	0.02
33.10	0.00	2,257	186.38	0.02
33.20	0.00	2,249	186.38	0.02
33.30	0.00	2,241	186.38	0.02
33.40	0.00	2,234	186.38	0.02
33.50	0.00	2,226	186.38	0.02
33.60	0.00	2,219	186.38	0.02
33.70	0.00	2,212	186.38	0.02
33.80	0.00	2,204	186.38	0.02
33.90	0.00	2,198	186.37	0.02
34.00	0.00	2,191	186.37	0.02
34.10	0.00	2,184	186.37	0.02
34.20	0.00	2,178	186.37	0.02
34.30	0.00	2,171	186.37	0.02
34.40	0.00	2,165	186.37	0.02
34.50	0.00	2,159	186.37	0.02
34.60	0.00	2,153	186.37	0.02
34.70	0.00	2,147	186.37	0.02
34.80	0.00	2,141	186.36	0.02
34.90	0.00	2,135	186.36	0.02
35.00	0.00	2,130	186.36	0.02
35.10	0.00	2,124	186.36	0.02
35.20	0.00	2,119	186.36	0.01
35.30	0.00	2,114	186.36	0.01
35.40	0.00	2,108	186.36	0.01
35.50	0.00	2,103	186.36	0.01
35.60	0.00	2,098	186.36	0.01
35.70	0.00	2,093	186.36	0.01
35.80	0.00	2,088	186.36	0.01
35.90	0.00	2,084	186.36	0.01
36.00	0.00	2,079	186.35	0.01
36.10	0.00	2,074	186.35	0.01
36.20	0.00	2,069	186.35	0.01
36.30	0.00	2,065	186.35	0.01

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,060	186.35	0.01
36.50	0.00	2,056	186.35	0.01
36.60	0.00	2,052	186.35	0.01
36.70	0.00	2,047	186.35	0.01
36.80	0.00	2,043	186.35	0.01
36.90	0.00	2,039	186.35	0.01
37.00	0.00	2,035	186.35	0.01
37.10	0.00	2,031	186.35	0.01
37.20	0.00	2,027	186.35	0.01
37.30	0.00	2,023	186.35	0.01
37.40	0.00	2,019	186.34	0.01
37.50	0.00	2,015	186.34	0.01
37.60	0.00	2,011	186.34	0.01
37.70	0.00	2,008	186.34	0.01
37.80	0.00	2,004	186.34	0.01
37.90	0.00	2,000	186.34	0.01
38.00	0.00	1,997	186.34	0.01
38.10	0.00	1,993	186.34	0.01
38.20	0.00	1,990	186.34	0.01
38.30	0.00	1,986	186.34	0.01
38.40	0.00	1,983	186.34	0.01
38.50	0.00	1,980	186.34	0.01
38.60	0.00	1,976	186.34	0.01
38.70	0.00	1,973	186.34	0.01
38.80	0.00	1,970	186.34	0.01
38.90	0.00	1,967	186.34	0.01
39.00	0.00	1,964	186.34	0.01
39.10	0.00	1,961	186.34	0.01
39.20	0.00	1,958	186.33	0.01
39.30	0.00	1,955	186.33	0.01
39.40	0.00	1,952	186.33	0.01
39.50	0.00	1,949	186.33	0.01
39.60	0.00	1,946	186.33	0.01
39.70	0.00	1,943	186.33	0.01
39.80	0.00	1,940	186.33	0.01
39.90	0.00	1,938	186.33	0.01
40.00	0.00	1,935	186.33	0.01

Stage-Discharge for Pond B-29: Basin #29

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.00	0.00	186.52	0.06	187.04	0.13	187.56	0.18
186.01	0.00	186.53	0.06	187.05	0.13	187.57	0.18
186.02	0.00	186.54	0.07	187.06	0.14	187.58	0.18
186.03	0.00	186.55	0.07	187.07	0.14	187.59	0.18
186.04	0.00	186.56	0.07	187.08	0.14	187.60	0.18
186.05	0.00	186.57	0.07	187.09	0.14	187.61	0.18
186.06	0.00	186.58	0.07	187.10	0.14	187.62	0.18
186.07	0.00	186.59	0.08	187.11	0.14	187.63	0.18
186.08	0.00	186.60	0.08	187.12	0.14	187.64	0.18
186.09	0.00	186.61	0.08	187.13	0.14	187.65	0.19
186.10	0.00	186.62	0.08	187.14	0.14	187.66	0.19
186.11	0.00	186.63	0.08	187.15	0.14	187.67	0.19
186.12	0.00	186.64	0.08	187.16	0.15	187.68	0.19
186.13	0.00	186.65	0.09	187.17	0.15	187.69	0.19
186.14	0.00	186.66	0.09	187.18	0.15	187.70	0.19
186.15	0.00	186.67	0.09	187.19	0.15	187.71	0.19
186.16	0.00	186.68	0.09	187.20	0.15	187.72	0.19
186.17	0.00	186.69	0.09	187.21	0.15	187.73	0.19
186.18	0.00	186.70	0.09	187.22	0.15	187.74	0.19
186.19	0.00	186.71	0.10	187.23	0.15	187.75	0.19
186.20	0.00	186.72	0.10	187.24	0.15	187.76	0.19
186.21	0.00	186.73	0.10	187.25	0.15	187.77	0.19
186.22	0.00	186.74	0.10	187.26	0.15	187.78	0.19
186.23	0.00	186.75	0.10	187.27	0.16	187.79	0.20
186.24	0.00	186.76	0.10	187.28	0.16	187.80	0.20
186.25	0.00	186.77	0.10	187.29	0.16	187.81	0.20
186.26	0.00	186.78	0.10	187.30	0.16	187.82	0.20
186.27	0.00	186.79	0.11	187.31	0.16	187.83	0.20
186.28	0.00	186.80	0.11	187.32	0.16	187.84	0.20
186.29	0.00	186.81	0.11	187.33	0.16	187.85	0.20
186.30	0.00	186.82	0.11	187.34	0.16	187.86	0.20
186.31	0.00	186.83	0.11	187.35	0.16	187.87	0.20
186.32	0.00	186.84	0.11	187.36	0.16	187.88	0.20
186.33	0.01	186.85	0.11	187.37	0.16	187.89	0.20
186.34	0.01	186.86	0.11	187.38	0.16	187.90	0.20
186.35	0.01	186.87	0.12	187.39	0.17	187.91	0.20
186.36	0.01	186.88	0.12	187.40	0.17	187.92	0.20
186.37	0.02	186.89	0.12	187.41	0.17	187.93	0.20
186.38	0.02	186.90	0.12	187.42	0.17	187.94	0.21
186.39	0.02	186.91	0.12	187.43	0.17	187.95	0.21
186.40	0.03	186.92	0.12	187.44	0.17	187.96	0.21
186.41	0.03	186.93	0.12	187.45	0.17	187.97	0.21
186.42	0.03	186.94	0.12	187.46	0.17	187.98	0.21
186.43	0.04	186.95	0.12	187.47	0.17	187.99	0.21
186.44	0.04	186.96	0.13	187.48	0.17	188.00	0.21
186.45	0.05	186.97	0.13	187.49	0.17	188.01	0.21
186.46	0.05	186.98	0.13	187.50	0.17	188.02	0.21
186.47	0.05	186.99	0.13	187.51	0.17	188.03	0.21
186.48	0.05	187.00	0.13	187.52	0.18	188.04	0.21
186.49	0.06	187.01	0.13	187.53	0.18	188.05	0.21
186.50	0.06	187.02	0.13	187.54	0.18	188.06	0.21
186.51	0.06	187.03	0.13	187.55	0.18	188.07	0.21

Stage-Discharge for Pond B-29: Basin #29 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.21	188.60	0.24	189.12	0.81	189.64	6.78
188.09	0.22	188.61	0.25	189.13	0.88	189.65	6.93
188.10	0.22	188.62	0.25	189.14	0.95	189.66	7.08
188.11	0.22	188.63	0.25	189.15	1.03	189.67	7.23
188.12	0.22	188.64	0.25	189.16	1.10	189.68	7.38
188.13	0.22	188.65	0.25	189.17	1.18	189.69	7.54
188.14	0.22	188.66	0.25	189.18	1.26	189.70	7.69
188.15	0.22	188.67	0.25	189.19	1.35	189.71	7.85
188.16	0.22	188.68	0.25	189.20	1.43	189.72	8.00
188.17	0.22	188.69	0.25	189.21	1.52	189.73	8.16
188.18	0.22	188.70	0.25	189.22	1.61	189.74	8.32
188.19	0.22	188.71	0.25	189.23	1.70	189.75	8.48
188.20	0.22	188.72	0.25	189.24	1.80	189.76	8.64
188.21	0.22	188.73	0.25	189.25	1.89	189.77	8.80
188.22	0.22	188.74	0.25	189.26	1.99	189.78	8.96
188.23	0.22	188.75	0.25	189.27	2.09	189.79	9.12
188.24	0.22	188.76	0.25	189.28	2.19	189.80	9.29
188.25	0.22	188.77	0.25	189.29	2.29	189.81	9.45
188.26	0.23	188.78	0.25	189.30	2.40	189.82	9.62
188.27	0.23	188.79	0.26	189.31	2.50	189.83	9.79
188.28	0.23	188.80	0.26	189.32	2.61	189.84	9.95
188.29	0.23	188.81	0.26	189.33	2.72	189.85	10.12
188.30	0.23	188.82	0.26	189.34	2.83	189.86	10.29
188.31	0.23	188.83	0.26	189.35	2.94	189.87	10.46
188.32	0.23	188.84	0.26	189.36	3.06	189.88	10.63
188.33	0.23	188.85	0.26	189.37	3.17	189.89	10.80
188.34	0.23	188.86	0.26	189.38	3.29	189.90	10.97
188.35	0.23	188.87	0.26	189.39	3.41	189.91	11.15
188.36	0.23	188.88	0.26	189.40	3.53	189.92	11.32
188.37	0.23	188.89	0.26	189.41	3.65	189.93	11.49
188.38	0.23	188.90	0.26	189.42	3.77	189.94	11.67
188.39	0.23	188.91	0.26	189.43	3.90	189.95	11.85
188.40	0.23	188.92	0.26	189.44	4.02	189.96	12.02
188.41	0.23	188.93	0.26	189.45	4.15	189.97	12.20
188.42	0.23	188.94	0.26	189.46	4.28	189.98	12.38
188.43	0.24	188.95	0.26	189.47	4.40	189.99	12.56
188.44	0.24	188.96	0.26	189.48	4.53	190.00	12.86
188.45	0.24	188.97	0.26	189.49	4.67		
188.46	0.24	188.98	0.26	189.50	4.80		
188.47	0.24	188.99	0.27	189.51	4.93		
188.48	0.24	189.00	0.27	189.52	5.07		
188.49	0.24	189.01	0.28	189.53	5.20		
188.50	0.24	189.02	0.30	189.54	5.34		
188.51	0.24	189.03	0.34	189.55	5.48		
188.52	0.24	189.04	0.37	189.56	5.62		
188.53	0.24	189.05	0.41	189.57	5.76		
188.54	0.24	189.06	0.46	189.58	5.90		
188.55	0.24	189.07	0.51	189.59	6.05		
188.56	0.24	189.08	0.56	189.60	6.19		
188.57	0.24	189.09	0.62	189.61	6.34		
188.58	0.24	189.10	0.68	189.62	6.48		
188.59	0.24	189.11	0.75	189.63	6.63		

Stage-Area-Storage for Pond B-29: Basin #29

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	5,666	0	186.52	6,240	3,095
186.01	5,677	57	186.53	6,251	3,158
186.02	5,688	114	186.54	6,262	3,220
186.03	5,699	170	186.55	6,273	3,283
186.04	5,710	228	186.56	6,284	3,346
186.05	5,721	285	186.57	6,295	3,409
186.06	5,732	342	186.58	6,306	3,472
186.07	5,743	399	186.59	6,317	3,535
186.08	5,754	457	186.60	6,328	3,598
186.09	5,765	514	186.61	6,339	3,661
186.10	5,776	572	186.62	6,350	3,725
186.11	5,787	630	186.63	6,361	3,788
186.12	5,798	688	186.64	6,372	3,852
186.13	5,809	746	186.65	6,383	3,916
186.14	5,820	804	186.66	6,394	3,980
186.15	5,831	862	186.67	6,405	4,044
186.16	5,842	921	186.68	6,416	4,108
186.17	5,854	979	186.69	6,427	4,172
186.18	5,865	1,038	186.70	6,438	4,236
186.19	5,876	1,096	186.71	6,449	4,301
186.20	5,887	1,155	186.72	6,460	4,365
186.21	5,898	1,214	186.73	6,471	4,430
186.22	5,909	1,273	186.74	6,482	4,495
186.23	5,920	1,332	186.75	6,493	4,560
186.24	5,931	1,392	186.76	6,504	4,625
186.25	5,942	1,451	186.77	6,515	4,690
186.26	5,953	1,510	186.78	6,526	4,755
186.27	5,964	1,570	186.79	6,537	4,820
186.28	5,975	1,630	186.80	6,548	4,886
186.29	5,986	1,690	186.81	6,559	4,951
186.30	5,997	1,749	186.82	6,570	5,017
186.31	6,008	1,809	186.83	6,581	5,083
186.32	6,019	1,870	186.84	6,593	5,149
186.33	6,030	1,930	186.85	6,604	5,215
186.34	6,041	1,990	186.86	6,615	5,281
186.35	6,052	2,051	186.87	6,626	5,347
186.36	6,063	2,111	186.88	6,637	5,413
186.37	6,074	2,172	186.89	6,648	5,480
186.38	6,085	2,233	186.90	6,659	5,546
186.39	6,096	2,294	186.91	6,670	5,613
186.40	6,107	2,355	186.92	6,681	5,680
186.41	6,118	2,416	186.93	6,692	5,746
186.42	6,129	2,477	186.94	6,703	5,813
186.43	6,140	2,538	186.95	6,714	5,880
186.44	6,151	2,600	186.96	6,725	5,948
186.45	6,162	2,661	186.97	6,736	6,015
186.46	6,173	2,723	186.98	6,747	6,082
186.47	6,184	2,785	186.99	6,758	6,150
186.48	6,195	2,847	187.00	6,769	6,218
186.49	6,206	2,909	187.01	6,777	6,285
186.50	6,218	2,971	187.02	6,784	6,353
186.51	6,229	3,033	187.03	6,792	6,421

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	6,799	6,489	187.56	7,193	10,127
187.05	6,807	6,557	187.57	7,200	10,199
187.06	6,814	6,625	187.58	7,208	10,271
187.07	6,822	6,693	187.59	7,216	10,343
187.08	6,830	6,761	187.60	7,223	10,415
187.09	6,837	6,830	187.61	7,231	10,487
187.10	6,845	6,898	187.62	7,238	10,560
187.11	6,852	6,967	187.63	7,246	10,632
187.12	6,860	7,035	187.64	7,253	10,705
187.13	6,867	7,104	187.65	7,261	10,777
187.14	6,875	7,173	187.66	7,269	10,850
187.15	6,883	7,241	187.67	7,276	10,923
187.16	6,890	7,310	187.68	7,284	10,995
187.17	6,898	7,379	187.69	7,291	11,068
187.18	6,905	7,448	187.70	7,299	11,141
187.19	6,913	7,517	187.71	7,306	11,214
187.20	6,920	7,586	187.72	7,314	11,287
187.21	6,928	7,656	187.73	7,322	11,361
187.22	6,936	7,725	187.74	7,329	11,434
187.23	6,943	7,794	187.75	7,337	11,507
187.24	6,951	7,864	187.76	7,344	11,581
187.25	6,958	7,933	187.77	7,352	11,654
187.26	6,966	8,003	187.78	7,359	11,728
187.27	6,973	8,073	187.79	7,367	11,801
187.28	6,981	8,142	187.80	7,375	11,875
187.29	6,989	8,212	187.81	7,382	11,949
187.30	6,996	8,282	187.82	7,390	12,023
187.31	7,004	8,352	187.83	7,397	12,097
187.32	7,011	8,422	187.84	7,405	12,171
187.33	7,019	8,492	187.85	7,412	12,245
187.34	7,026	8,563	187.86	7,420	12,319
187.35	7,034	8,633	187.87	7,428	12,393
187.36	7,042	8,703	187.88	7,435	12,467
187.37	7,049	8,774	187.89	7,443	12,542
187.38	7,057	8,844	187.90	7,450	12,616
187.39	7,064	8,915	187.91	7,458	12,691
187.40	7,072	8,986	187.92	7,465	12,765
187.41	7,079	9,056	187.93	7,473	12,840
187.42	7,087	9,127	187.94	7,481	12,915
187.43	7,095	9,198	187.95	7,488	12,990
187.44	7,102	9,269	187.96	7,496	13,065
187.45	7,110	9,340	187.97	7,503	13,140
187.46	7,117	9,411	187.98	7,511	13,215
187.47	7,125	9,483	187.99	7,518	13,290
187.48	7,132	9,554	188.00	7,526	13,365
187.49	7,140	9,625	188.01	7,534	13,440
187.50	7,148	9,697	188.02	7,542	13,516
187.51	7,155	9,768	188.03	7,550	13,591
187.52	7,163	9,840	188.04	7,557	13,667
187.53	7,170	9,911	188.05	7,565	13,742
187.54	7,178	9,983	188.06	7,573	13,818
187.55	7,185	10,055	188.07	7,581	13,894

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	7,589	13,970	188.60	7,997	18,022
188.09	7,597	14,046	188.61	8,005	18,102
188.10	7,604	14,122	188.62	8,013	18,182
188.11	7,612	14,198	188.63	8,021	18,262
188.12	7,620	14,274	188.64	8,028	18,342
188.13	7,628	14,350	188.65	8,036	18,423
188.14	7,636	14,426	188.66	8,044	18,503
188.15	7,644	14,503	188.67	8,052	18,584
188.16	7,652	14,579	188.68	8,060	18,664
188.17	7,659	14,656	188.69	8,068	18,745
188.18	7,667	14,732	188.70	8,075	18,826
188.19	7,675	14,809	188.71	8,083	18,906
188.20	7,683	14,886	188.72	8,091	18,987
188.21	7,691	14,963	188.73	8,099	19,068
188.22	7,699	15,040	188.74	8,107	19,149
188.23	7,707	15,117	188.75	8,115	19,230
188.24	7,714	15,194	188.76	8,123	19,311
188.25	7,722	15,271	188.77	8,130	19,393
188.26	7,730	15,348	188.78	8,138	19,474
188.27	7,738	15,426	188.79	8,146	19,555
188.28	7,746	15,503	188.80	8,154	19,637
188.29	7,754	15,581	188.81	8,162	19,719
188.30	7,762	15,658	188.82	8,170	19,800
188.31	7,769	15,736	188.83	8,178	19,882
188.32	7,777	15,814	188.84	8,185	19,964
188.33	7,785	15,891	188.85	8,193	20,046
188.34	7,793	15,969	188.86	8,201	20,128
188.35	7,801	16,047	188.87	8,209	20,210
188.36	7,809	16,125	188.88	8,217	20,292
188.37	7,816	16,203	188.89	8,225	20,374
188.38	7,824	16,282	188.90	8,233	20,456
188.39	7,832	16,360	188.91	8,240	20,539
188.40	7,840	16,438	188.92	8,248	20,621
188.41	7,848	16,517	188.93	8,256	20,704
188.42	7,856	16,595	188.94	8,264	20,786
188.43	7,864	16,674	188.95	8,272	20,869
188.44	7,871	16,752	188.96	8,280	20,952
188.45	7,879	16,831	188.97	8,287	21,035
188.46	7,887	16,910	188.98	8,295	21,117
188.47	7,895	16,989	188.99	8,303	21,200
188.48	7,903	17,068	189.00	8,311	21,284
188.49	7,911	17,147	189.01	8,314	21,367
188.50	7,919	17,226	189.02	8,317	21,450
188.51	7,926	17,305	189.03	8,320	21,533
188.52	7,934	17,385	189.04	8,323	21,616
188.53	7,942	17,464	189.05	8,326	21,699
188.54	7,950	17,543	189.06	8,329	21,783
188.55	7,958	17,623	189.07	8,332	21,866
188.56	7,966	17,703	189.08	8,335	21,949
188.57	7,973	17,782	189.09	8,338	22,033
188.58	7,981	17,862	189.10	8,341	22,116
188.59	7,989	17,942	189.11	8,345	22,200

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	8,348	22,283	189.64	8,506	26,665
189.13	8,351	22,367	189.65	8,509	26,750
189.14	8,354	22,450	189.66	8,512	26,835
189.15	8,357	22,534	189.67	8,515	26,920
189.16	8,360	22,617	189.68	8,518	27,005
189.17	8,363	22,701	189.69	8,521	27,091
189.18	8,366	22,784	189.70	8,524	27,176
189.19	8,369	22,868	189.71	8,528	27,261
189.20	8,372	22,952	189.72	8,531	27,346
189.21	8,375	23,036	189.73	8,534	27,432
189.22	8,378	23,119	189.74	8,537	27,517
189.23	8,381	23,203	189.75	8,540	27,603
189.24	8,384	23,287	189.76	8,543	27,688
189.25	8,387	23,371	189.77	8,546	27,773
189.26	8,390	23,455	189.78	8,549	27,859
189.27	8,393	23,539	189.79	8,552	27,944
189.28	8,396	23,623	189.80	8,555	28,030
189.29	8,399	23,707	189.81	8,558	28,115
189.30	8,403	23,791	189.82	8,561	28,201
189.31	8,406	23,875	189.83	8,564	28,287
189.32	8,409	23,959	189.84	8,567	28,372
189.33	8,412	24,043	189.85	8,570	28,458
189.34	8,415	24,127	189.86	8,573	28,544
189.35	8,418	24,211	189.87	8,576	28,629
189.36	8,421	24,295	189.88	8,579	28,715
189.37	8,424	24,379	189.89	8,582	28,801
189.38	8,427	24,464	189.90	8,586	28,887
189.39	8,430	24,548	189.91	8,589	28,973
189.40	8,433	24,632	189.92	8,592	29,059
189.41	8,436	24,717	189.93	8,595	29,145
189.42	8,439	24,801	189.94	8,598	29,231
189.43	8,442	24,885	189.95	8,601	29,317
189.44	8,445	24,970	189.96	8,604	29,403
189.45	8,448	25,054	189.97	8,607	29,489
189.46	8,451	25,139	189.98	8,610	29,575
189.47	8,454	25,223	189.99	8,613	29,661
189.48	8,457	25,308	190.00	8,616	29,747
189.49	8,460	25,393			
189.50	8,464	25,477			
189.51	8,467	25,562			
189.52	8,470	25,646			
189.53	8,473	25,731			
189.54	8,476	25,816			
189.55	8,479	25,901			
189.56	8,482	25,985			
189.57	8,485	26,070			
189.58	8,488	26,155			
189.59	8,491	26,240			
189.60	8,494	26,325			
189.61	8,497	26,410			
189.62	8,500	26,495			
189.63	8,503	26,580			

Summary for Pond B-30: Basin #30

Inflow Area = 5.727 ac, 37.05% Impervious, Inflow Depth > 1.97" for Future 2 yr event
 Inflow = 8.31 cfs @ 12.09 hrs, Volume= 0.939 af
 Outflow = 0.20 cfs @ 24.06 hrs, Volume= 0.426 af, Atten= 98%, Lag= 718.1 min
 Primary = 0.20 cfs @ 24.06 hrs, Volume= 0.426 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 177.77' @ 24.06 hrs Surf.Area= 18,112 sf Storage= 30,492 cf

Plug-Flow detention time= 853.3 min calculated for 0.426 af (45% of inflow)
 Center-of-Mass det. time= 648.6 min (1,564.5 - 915.9)

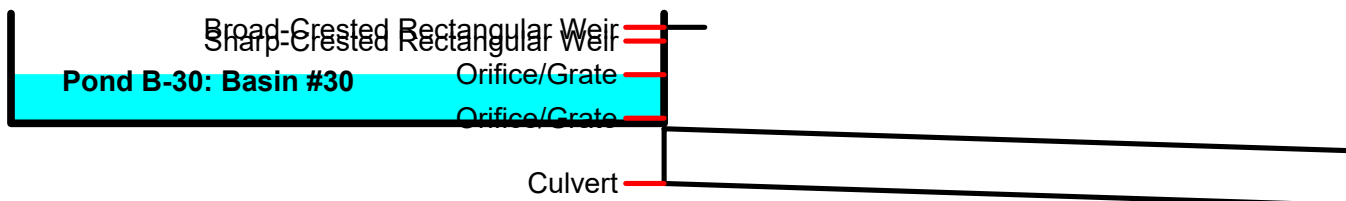
Volume	Invert	Avail.Storage	Storage Description
#1	176.00'	73,383 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
176.00	16,422	0	0
177.00	17,374	16,898	16,898
178.00	18,337	17,856	34,754
179.00	19,315	18,826	53,580
180.00	20,292	19,804	73,383

Device	Routing	Invert	Outlet Devices
#1	Primary	173.80'	24.0" Round Culvert L= 85.0' Ke= 0.500 Inlet / Outlet Invert= 173.80' / 173.00' S= 0.0094 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	176.18'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	177.77'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	179.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	179.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

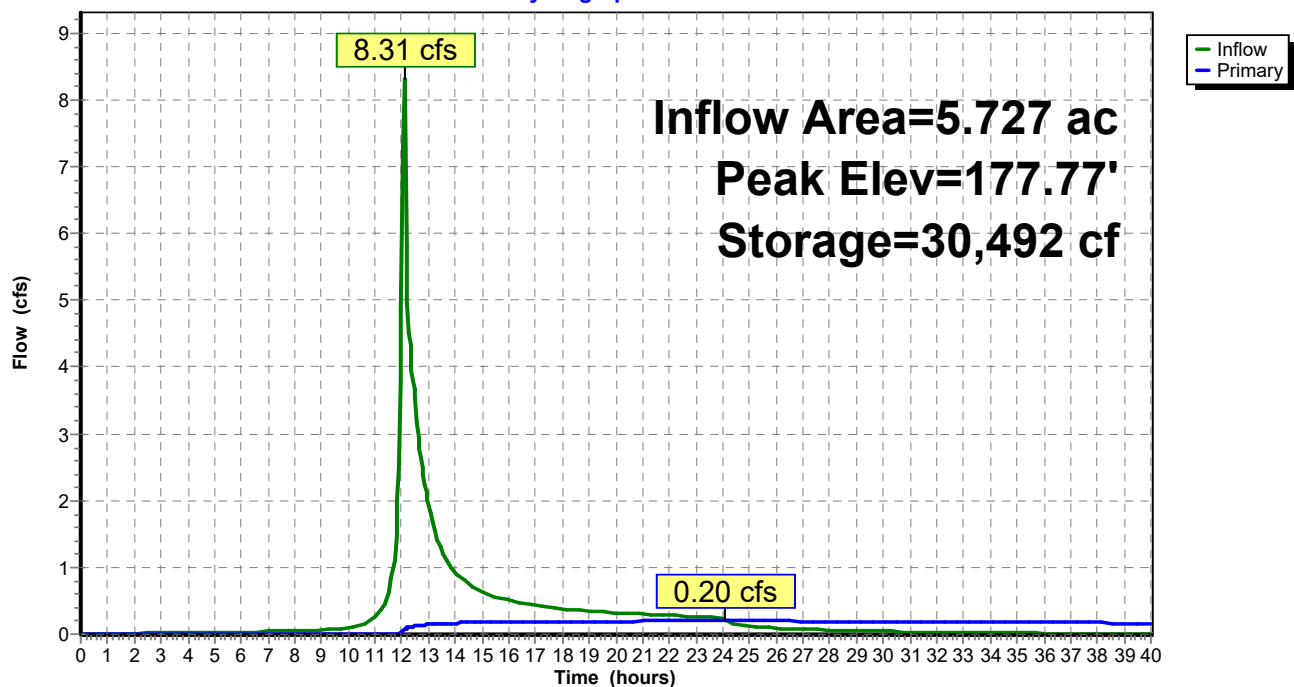
Primary OutFlow Max=0.20 cfs @ 24.06 hrs HW=177.77' (Free Discharge)

1=Culvert (Passes 0.20 cfs of 26.05 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.86 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-30: Basin #30

Hydrograph



Hydrograph for Pond B-30: Basin #30

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	176.00	0.00
0.10	0.00	0	176.00	0.00
0.20	0.00	0	176.00	0.00
0.30	0.00	0	176.00	0.00
0.40	0.00	0	176.00	0.00
0.50	0.00	0	176.00	0.00
0.60	0.00	0	176.00	0.00
0.70	0.00	0	176.00	0.00
0.80	0.00	0	176.00	0.00
0.90	0.00	0	176.00	0.00
1.00	0.00	0	176.00	0.00
1.10	0.00	0	176.00	0.00
1.20	0.00	1	176.00	0.00
1.30	0.00	2	176.00	0.00
1.40	0.00	3	176.00	0.00
1.50	0.01	5	176.00	0.00
1.60	0.01	7	176.00	0.00
1.70	0.01	10	176.00	0.00
1.80	0.01	13	176.00	0.00
1.90	0.01	16	176.00	0.00
2.00	0.01	19	176.00	0.00
2.10	0.01	23	176.00	0.00
2.20	0.01	27	176.00	0.00
2.30	0.01	32	176.00	0.00
2.40	0.01	36	176.00	0.00
2.50	0.01	41	176.00	0.00
2.60	0.01	46	176.00	0.00
2.70	0.02	52	176.00	0.00
2.80	0.02	57	176.00	0.00
2.90	0.02	63	176.00	0.00
3.00	0.02	69	176.00	0.00
3.10	0.02	76	176.00	0.00
3.20	0.02	83	176.01	0.00
3.30	0.02	89	176.01	0.00
3.40	0.02	96	176.01	0.00
3.50	0.02	104	176.01	0.00
3.60	0.02	111	176.01	0.00
3.70	0.02	119	176.01	0.00
3.80	0.02	127	176.01	0.00
3.90	0.02	135	176.01	0.00
4.00	0.02	143	176.01	0.00
4.10	0.02	152	176.01	0.00
4.20	0.02	160	176.01	0.00
4.30	0.03	169	176.01	0.00
4.40	0.03	178	176.01	0.00
4.50	0.03	188	176.01	0.00
4.60	0.03	197	176.01	0.00
4.70	0.03	207	176.01	0.00
4.80	0.03	217	176.01	0.00
4.90	0.03	226	176.01	0.00
5.00	0.03	237	176.01	0.00
5.10	0.03	247	176.02	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	257	176.02	0.00
5.30	0.03	268	176.02	0.00
5.40	0.03	279	176.02	0.00
5.50	0.03	289	176.02	0.00
5.60	0.03	301	176.02	0.00
5.70	0.03	312	176.02	0.00
5.80	0.03	323	176.02	0.00
5.90	0.03	335	176.02	0.00
6.00	0.03	346	176.02	0.00
6.10	0.03	358	176.02	0.00
6.20	0.03	371	176.02	0.00
6.30	0.04	383	176.02	0.00
6.40	0.04	396	176.02	0.00
6.50	0.04	410	176.02	0.00
6.60	0.04	424	176.03	0.00
6.70	0.04	438	176.03	0.00
6.80	0.04	453	176.03	0.00
6.90	0.04	468	176.03	0.00
7.00	0.04	483	176.03	0.00
7.10	0.04	499	176.03	0.00
7.20	0.05	515	176.03	0.00
7.30	0.05	531	176.03	0.00
7.40	0.05	548	176.03	0.00
7.50	0.05	566	176.03	0.00
7.60	0.05	583	176.04	0.00
7.70	0.05	601	176.04	0.00
7.80	0.05	620	176.04	0.00
7.90	0.05	638	176.04	0.00
8.00	0.05	658	176.04	0.00
8.10	0.05	677	176.04	0.00
8.20	0.06	697	176.04	0.00
8.30	0.06	718	176.04	0.00
8.40	0.06	738	176.04	0.00
8.50	0.06	760	176.05	0.00
8.60	0.06	781	176.05	0.00
8.70	0.06	803	176.05	0.00
8.80	0.06	825	176.05	0.00
8.90	0.06	848	176.05	0.00
9.00	0.07	871	176.05	0.00
9.10	0.07	896	176.05	0.00
9.20	0.07	921	176.06	0.00
9.30	0.08	948	176.06	0.00
9.40	0.08	976	176.06	0.00
9.50	0.08	1,006	176.06	0.00
9.60	0.09	1,037	176.06	0.00
9.70	0.09	1,069	176.06	0.00
9.80	0.09	1,102	176.07	0.00
9.90	0.10	1,137	176.07	0.00
10.00	0.10	1,174	176.07	0.00
10.10	0.11	1,211	176.07	0.00
10.20	0.11	1,252	176.08	0.00
10.30	0.12	1,294	176.08	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,339	176.08	0.00
10.50	0.14	1,387	176.08	0.00
10.60	0.16	1,442	176.09	0.00
10.70	0.18	1,503	176.09	0.00
10.80	0.20	1,572	176.10	0.00
10.90	0.23	1,650	176.10	0.00
11.00	0.25	1,737	176.11	0.00
11.10	0.30	1,838	176.11	0.00
11.20	0.34	1,955	176.12	0.00
11.30	0.39	2,089	176.13	0.00
11.40	0.45	2,243	176.14	0.00
11.50	0.53	2,417	176.15	0.00
11.60	0.80	2,670	176.16	0.00
11.70	0.94	2,981	176.18	0.00
11.80	1.48	3,423	176.21	0.00
11.90	2.47	4,137	176.25	0.01
12.00	4.84	5,471	176.33	0.03
12.10	8.23	7,940	176.48	0.07
12.20	4.97	10,146	176.61	0.09
12.30	4.32	11,758	176.70	0.11
12.40	3.80	13,162	176.78	0.12
12.50	3.56	14,444	176.86	0.12
12.60	2.95	15,554	176.92	0.13
12.70	2.66	16,512	176.98	0.14
12.80	2.38	17,365	177.03	0.14
12.90	2.13	18,121	177.07	0.15
13.00	1.91	18,793	177.11	0.15
13.10	1.72	19,390	177.14	0.15
13.20	1.57	19,926	177.17	0.15
13.30	1.45	20,412	177.20	0.16
13.40	1.33	20,854	177.23	0.16
13.50	1.22	21,254	177.25	0.16
13.60	1.13	21,617	177.27	0.16
13.70	1.06	21,952	177.29	0.16
13.80	1.01	22,264	177.31	0.17
13.90	0.96	22,558	177.32	0.17
14.00	0.92	22,835	177.34	0.17
14.10	0.88	23,097	177.35	0.17
14.20	0.84	23,346	177.37	0.17
14.30	0.81	23,582	177.38	0.17
14.40	0.78	23,806	177.39	0.17
14.50	0.75	24,020	177.41	0.17
14.60	0.73	24,223	177.42	0.17
14.70	0.70	24,416	177.43	0.18
14.80	0.68	24,601	177.44	0.18
14.90	0.65	24,776	177.45	0.18
15.00	0.63	24,942	177.46	0.18
15.10	0.61	25,100	177.47	0.18
15.20	0.59	25,251	177.47	0.18
15.30	0.58	25,396	177.48	0.18
15.40	0.57	25,537	177.49	0.18
15.50	0.55	25,673	177.50	0.18

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.54	25,805	177.51	0.18
15.70	0.53	25,933	177.51	0.18
15.80	0.52	26,058	177.52	0.18
15.90	0.52	26,180	177.53	0.18
16.00	0.51	26,299	177.53	0.18
16.10	0.50	26,414	177.54	0.18
16.20	0.49	26,527	177.55	0.18
16.30	0.49	26,637	177.55	0.18
16.40	0.48	26,744	177.56	0.19
16.50	0.47	26,849	177.56	0.19
16.60	0.47	26,951	177.57	0.19
16.70	0.46	27,050	177.58	0.19
16.80	0.45	27,147	177.58	0.19
16.90	0.45	27,242	177.59	0.19
17.00	0.44	27,334	177.59	0.19
17.10	0.43	27,423	177.60	0.19
17.20	0.43	27,510	177.60	0.19
17.30	0.42	27,595	177.61	0.19
17.40	0.41	27,677	177.61	0.19
17.50	0.41	27,757	177.61	0.19
17.60	0.40	27,835	177.62	0.19
17.70	0.40	27,910	177.62	0.19
17.80	0.39	27,983	177.63	0.19
17.90	0.38	28,053	177.63	0.19
18.00	0.38	28,121	177.63	0.19
18.10	0.37	28,187	177.64	0.19
18.20	0.37	28,252	177.64	0.19
18.30	0.36	28,314	177.65	0.19
18.40	0.36	28,375	177.65	0.19
18.50	0.36	28,435	177.65	0.19
18.60	0.35	28,494	177.66	0.19
18.70	0.35	28,552	177.66	0.19
18.80	0.35	28,608	177.66	0.19
18.90	0.35	28,664	177.66	0.19
19.00	0.34	28,719	177.67	0.19
19.10	0.34	28,772	177.67	0.19
19.20	0.34	28,825	177.67	0.19
19.30	0.34	28,877	177.68	0.19
19.40	0.33	28,928	177.68	0.19
19.50	0.33	28,978	177.68	0.19
19.60	0.33	29,028	177.69	0.19
19.70	0.33	29,077	177.69	0.19
19.80	0.33	29,125	177.69	0.19
19.90	0.32	29,172	177.69	0.19
20.00	0.32	29,218	177.70	0.20
20.10	0.32	29,264	177.70	0.20
20.20	0.32	29,309	177.70	0.20
20.30	0.32	29,353	177.70	0.20
20.40	0.32	29,397	177.71	0.20
20.50	0.31	29,439	177.71	0.20
20.60	0.31	29,482	177.71	0.20
20.70	0.31	29,523	177.71	0.20

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.31	29,563	177.71	0.20
20.90	0.31	29,603	177.72	0.20
21.00	0.30	29,642	177.72	0.20
21.10	0.30	29,681	177.72	0.20
21.20	0.30	29,718	177.72	0.20
21.30	0.30	29,755	177.73	0.20
21.40	0.30	29,791	177.73	0.20
21.50	0.29	29,827	177.73	0.20
21.60	0.29	29,862	177.73	0.20
21.70	0.29	29,896	177.73	0.20
21.80	0.29	29,929	177.74	0.20
21.90	0.29	29,962	177.74	0.20
22.00	0.29	29,994	177.74	0.20
22.10	0.28	30,025	177.74	0.20
22.20	0.28	30,055	177.74	0.20
22.30	0.28	30,085	177.74	0.20
22.40	0.28	30,114	177.75	0.20
22.50	0.28	30,142	177.75	0.20
22.60	0.27	30,170	177.75	0.20
22.70	0.27	30,197	177.75	0.20
22.80	0.27	30,223	177.75	0.20
22.90	0.27	30,249	177.75	0.20
23.00	0.27	30,274	177.75	0.20
23.10	0.26	30,298	177.76	0.20
23.20	0.26	30,321	177.76	0.20
23.30	0.26	30,344	177.76	0.20
23.40	0.26	30,366	177.76	0.20
23.50	0.26	30,387	177.76	0.20
23.60	0.26	30,408	177.76	0.20
23.70	0.25	30,428	177.76	0.20
23.80	0.25	30,447	177.76	0.20
23.90	0.25	30,465	177.76	0.20
24.00	0.26	30,487	177.77	0.20
24.10	0.17	30,489	177.77	0.20
24.20	0.16	30,477	177.77	0.20
24.30	0.15	30,462	177.76	0.20
24.40	0.15	30,445	177.76	0.20
24.50	0.14	30,425	177.76	0.20
24.60	0.13	30,402	177.76	0.20
24.70	0.13	30,378	177.76	0.20
24.80	0.12	30,352	177.76	0.20
24.90	0.12	30,324	177.76	0.20
25.00	0.12	30,295	177.76	0.20
25.10	0.11	30,266	177.75	0.20
25.20	0.11	30,235	177.75	0.20
25.30	0.11	30,203	177.75	0.20
25.40	0.11	30,170	177.75	0.20
25.50	0.10	30,137	177.75	0.20
25.60	0.10	30,103	177.74	0.20
25.70	0.10	30,068	177.74	0.20
25.80	0.10	30,033	177.74	0.20
25.90	0.10	29,997	177.74	0.20

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.09	29,960	177.74	0.20
26.10	0.09	29,922	177.73	0.20
26.20	0.09	29,884	177.73	0.20
26.30	0.09	29,846	177.73	0.20
26.40	0.09	29,806	177.73	0.20
26.50	0.09	29,767	177.73	0.20
26.60	0.08	29,726	177.72	0.20
26.70	0.08	29,685	177.72	0.20
26.80	0.08	29,644	177.72	0.20
26.90	0.08	29,602	177.72	0.20
27.00	0.08	29,560	177.71	0.20
27.10	0.08	29,517	177.71	0.20
27.20	0.08	29,474	177.71	0.20
27.30	0.07	29,430	177.71	0.20
27.40	0.07	29,386	177.71	0.20
27.50	0.07	29,342	177.70	0.20
27.60	0.07	29,297	177.70	0.20
27.70	0.07	29,252	177.70	0.20
27.80	0.07	29,206	177.70	0.19
27.90	0.07	29,160	177.69	0.19
28.00	0.07	29,114	177.69	0.19
28.10	0.06	29,067	177.69	0.19
28.20	0.06	29,020	177.68	0.19
28.30	0.06	28,972	177.68	0.19
28.40	0.06	28,924	177.68	0.19
28.50	0.06	28,876	177.68	0.19
28.60	0.06	28,828	177.67	0.19
28.70	0.06	28,779	177.67	0.19
28.80	0.06	28,730	177.67	0.19
28.90	0.06	28,681	177.67	0.19
29.00	0.05	28,631	177.66	0.19
29.10	0.05	28,581	177.66	0.19
29.20	0.05	28,530	177.66	0.19
29.30	0.05	28,480	177.65	0.19
29.40	0.05	28,429	177.65	0.19
29.50	0.05	28,378	177.65	0.19
29.60	0.05	28,326	177.65	0.19
29.70	0.05	28,274	177.64	0.19
29.80	0.05	28,222	177.64	0.19
29.90	0.05	28,170	177.64	0.19
30.00	0.04	28,117	177.63	0.19
30.10	0.04	28,065	177.63	0.19
30.20	0.04	28,012	177.63	0.19
30.30	0.04	27,958	177.63	0.19
30.40	0.04	27,905	177.62	0.19
30.50	0.04	27,851	177.62	0.19
30.60	0.04	27,797	177.62	0.19
30.70	0.04	27,742	177.61	0.19
30.80	0.04	27,688	177.61	0.19
30.90	0.04	27,633	177.61	0.19
31.00	0.04	27,578	177.60	0.19
31.10	0.03	27,523	177.60	0.19

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.03	27,467	177.60	0.19
31.30	0.03	27,412	177.60	0.19
31.40	0.03	27,356	177.59	0.19
31.50	0.03	27,300	177.59	0.19
31.60	0.03	27,244	177.59	0.19
31.70	0.03	27,187	177.58	0.19
31.80	0.03	27,131	177.58	0.19
31.90	0.03	27,074	177.58	0.19
32.00	0.03	27,018	177.57	0.19
32.10	0.03	26,961	177.57	0.19
32.20	0.03	26,904	177.57	0.19
32.30	0.03	26,846	177.56	0.19
32.40	0.03	26,789	177.56	0.19
32.50	0.03	26,732	177.56	0.19
32.60	0.03	26,674	177.55	0.18
32.70	0.02	26,617	177.55	0.18
32.80	0.02	26,559	177.55	0.18
32.90	0.02	26,501	177.54	0.18
33.00	0.02	26,443	177.54	0.18
33.10	0.02	26,386	177.54	0.18
33.20	0.02	26,328	177.53	0.18
33.30	0.02	26,269	177.53	0.18
33.40	0.02	26,211	177.53	0.18
33.50	0.02	26,153	177.53	0.18
33.60	0.02	26,095	177.52	0.18
33.70	0.02	26,036	177.52	0.18
33.80	0.02	25,978	177.52	0.18
33.90	0.02	25,920	177.51	0.18
34.00	0.02	25,861	177.51	0.18
34.10	0.02	25,802	177.51	0.18
34.20	0.02	25,744	177.50	0.18
34.30	0.02	25,685	177.50	0.18
34.40	0.02	25,626	177.50	0.18
34.50	0.02	25,568	177.49	0.18
34.60	0.02	25,509	177.49	0.18
34.70	0.02	25,450	177.49	0.18
34.80	0.02	25,391	177.48	0.18
34.90	0.02	25,332	177.48	0.18
35.00	0.02	25,274	177.48	0.18
35.10	0.02	25,215	177.47	0.18
35.20	0.01	25,156	177.47	0.18
35.30	0.01	25,097	177.47	0.18
35.40	0.01	25,038	177.46	0.18
35.50	0.01	24,979	177.46	0.18
35.60	0.01	24,920	177.46	0.18
35.70	0.01	24,861	177.45	0.18
35.80	0.01	24,802	177.45	0.18
35.90	0.01	24,743	177.45	0.18
36.00	0.01	24,685	177.44	0.18
36.10	0.01	24,626	177.44	0.18
36.20	0.01	24,567	177.44	0.18
36.30	0.01	24,508	177.43	0.18

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	24,449	177.43	0.18
36.50	0.01	24,391	177.43	0.18
36.60	0.01	24,332	177.42	0.18
36.70	0.01	24,273	177.42	0.17
36.80	0.01	24,215	177.42	0.17
36.90	0.01	24,156	177.41	0.17
37.00	0.01	24,097	177.41	0.17
37.10	0.01	24,039	177.41	0.17
37.20	0.01	23,980	177.40	0.17
37.30	0.01	23,922	177.40	0.17
37.40	0.01	23,863	177.40	0.17
37.50	0.01	23,805	177.39	0.17
37.60	0.01	23,747	177.39	0.17
37.70	0.01	23,688	177.39	0.17
37.80	0.01	23,630	177.38	0.17
37.90	0.01	23,572	177.38	0.17
38.00	0.01	23,513	177.38	0.17
38.10	0.01	23,455	177.37	0.17
38.20	0.01	23,397	177.37	0.17
38.30	0.01	23,339	177.37	0.17
38.40	0.01	23,281	177.36	0.17
38.50	0.01	23,223	177.36	0.17
38.60	0.01	23,165	177.36	0.17
38.70	0.01	23,107	177.35	0.17
38.80	0.01	23,049	177.35	0.17
38.90	0.01	22,991	177.35	0.17
39.00	0.01	22,934	177.34	0.17
39.10	0.01	22,876	177.34	0.17
39.20	0.01	22,818	177.34	0.17
39.30	0.01	22,761	177.33	0.17
39.40	0.01	22,703	177.33	0.17
39.50	0.01	22,645	177.33	0.17
39.60	0.01	22,588	177.32	0.17
39.70	0.01	22,531	177.32	0.17
39.80	0.01	22,473	177.32	0.17
39.90	0.01	22,416	177.31	0.17
40.00	0.01	22,359	177.31	0.17

Stage-Discharge for Pond B-30: Basin #30

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
176.00	0.00	176.52	0.08	177.04	0.14	177.56	0.19
176.01	0.00	176.53	0.08	177.05	0.14	177.57	0.19
176.02	0.00	176.54	0.08	177.06	0.14	177.58	0.19
176.03	0.00	176.55	0.08	177.07	0.15	177.59	0.19
176.04	0.00	176.56	0.09	177.08	0.15	177.60	0.19
176.05	0.00	176.57	0.09	177.09	0.15	177.61	0.19
176.06	0.00	176.58	0.09	177.10	0.15	177.62	0.19
176.07	0.00	176.59	0.09	177.11	0.15	177.63	0.19
176.08	0.00	176.60	0.09	177.12	0.15	177.64	0.19
176.09	0.00	176.61	0.09	177.13	0.15	177.65	0.19
176.10	0.00	176.62	0.10	177.14	0.15	177.66	0.19
176.11	0.00	176.63	0.10	177.15	0.15	177.67	0.19
176.12	0.00	176.64	0.10	177.16	0.15	177.68	0.19
176.13	0.00	176.65	0.10	177.17	0.15	177.69	0.19
176.14	0.00	176.66	0.10	177.18	0.16	177.70	0.20
176.15	0.00	176.67	0.10	177.19	0.16	177.71	0.20
176.16	0.00	176.68	0.10	177.20	0.16	177.72	0.20
176.17	0.00	176.69	0.10	177.21	0.16	177.73	0.20
176.18	0.00	176.70	0.11	177.22	0.16	177.74	0.20
176.19	0.00	176.71	0.11	177.23	0.16	177.75	0.20
176.20	0.00	176.72	0.11	177.24	0.16	177.76	0.20
176.21	0.00	176.73	0.11	177.25	0.16	177.77	0.20
176.22	0.00	176.74	0.11	177.26	0.16	177.78	0.21
176.23	0.00	176.75	0.11	177.27	0.16	177.79	0.22
176.24	0.01	176.76	0.11	177.28	0.16	177.80	0.23
176.25	0.01	176.77	0.11	177.29	0.16	177.81	0.24
176.26	0.01	176.78	0.12	177.30	0.17	177.82	0.26
176.27	0.01	176.79	0.12	177.31	0.17	177.83	0.27
176.28	0.02	176.80	0.12	177.32	0.17	177.84	0.29
176.29	0.02	176.81	0.12	177.33	0.17	177.85	0.31
176.30	0.02	176.82	0.12	177.34	0.17	177.86	0.34
176.31	0.03	176.83	0.12	177.35	0.17	177.87	0.36
176.32	0.03	176.84	0.12	177.36	0.17	177.88	0.38
176.33	0.03	176.85	0.12	177.37	0.17	177.89	0.41
176.34	0.04	176.86	0.12	177.38	0.17	177.90	0.43
176.35	0.04	176.87	0.13	177.39	0.17	177.91	0.46
176.36	0.05	176.88	0.13	177.40	0.17	177.92	0.49
176.37	0.05	176.89	0.13	177.41	0.17	177.93	0.52
176.38	0.05	176.90	0.13	177.42	0.17	177.94	0.55
176.39	0.05	176.91	0.13	177.43	0.18	177.95	0.58
176.40	0.06	176.92	0.13	177.44	0.18	177.96	0.61
176.41	0.06	176.93	0.13	177.45	0.18	177.97	0.64
176.42	0.06	176.94	0.13	177.46	0.18	177.98	0.68
176.43	0.06	176.95	0.13	177.47	0.18	177.99	0.71
176.44	0.06	176.96	0.13	177.48	0.18	178.00	0.75
176.45	0.07	176.97	0.14	177.49	0.18	178.01	0.78
176.46	0.07	176.98	0.14	177.50	0.18	178.02	0.82
176.47	0.07	176.99	0.14	177.51	0.18	178.03	0.86
176.48	0.07	177.00	0.14	177.52	0.18	178.04	0.89
176.49	0.07	177.01	0.14	177.53	0.18	178.05	0.93
176.50	0.08	177.02	0.14	177.54	0.18	178.06	0.97
176.51	0.08	177.03	0.14	177.55	0.18	178.07	1.01

Stage-Discharge for Pond B-30: Basin #30 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.08	1.05	178.60	2.98	179.12	4.60	179.64	17.55
178.09	1.09	178.61	3.00	179.13	4.68	179.65	18.38
178.10	1.13	178.62	3.03	179.14	4.77	179.66	19.25
178.11	1.18	178.63	3.05	179.15	4.86	179.67	20.14
178.12	1.22	178.64	3.08	179.16	4.96	179.68	21.05
178.13	1.26	178.65	3.10	179.17	5.05	179.69	21.98
178.14	1.31	178.66	3.12	179.18	5.15	179.70	22.94
178.15	1.35	178.67	3.15	179.19	5.25	179.71	23.95
178.16	1.40	178.68	3.17	179.20	5.35	179.72	25.00
178.17	1.44	178.69	3.19	179.21	5.46	179.73	26.07
178.18	1.49	178.70	3.22	179.22	5.56	179.74	27.16
178.19	1.54	178.71	3.24	179.23	5.67	179.75	28.28
178.20	1.58	178.72	3.26	179.24	5.78	179.76	29.43
178.21	1.63	178.73	3.28	179.25	5.90	179.77	30.60
178.22	1.68	178.74	3.31	179.26	6.01	179.78	31.80
178.23	1.73	178.75	3.33	179.27	6.12	179.79	33.03
178.24	1.78	178.76	3.35	179.28	6.24	179.80	34.28
178.25	1.83	178.77	3.37	179.29	6.36	179.81	35.55
178.26	1.88	178.78	3.39	179.30	6.48	179.82	36.85
178.27	1.93	178.79	3.41	179.31	6.60	179.83	38.18
178.28	1.98	178.80	3.44	179.32	6.73	179.84	39.53
178.29	2.02	178.81	3.46	179.33	6.85	179.85	40.90
178.30	2.07	178.82	3.48	179.34	6.98	179.86	42.30
178.31	2.11	178.83	3.50	179.35	7.11	179.87	43.73
178.32	2.14	178.84	3.52	179.36	7.24	179.88	45.18
178.33	2.18	178.85	3.54	179.37	7.37	179.89	46.65
178.34	2.22	178.86	3.56	179.38	7.50	179.90	48.16
178.35	2.25	178.87	3.58	179.39	7.63	179.91	49.71
178.36	2.29	178.88	3.60	179.40	7.77	179.92	51.29
178.37	2.32	178.89	3.62	179.41	7.91	179.93	52.89
178.38	2.36	178.90	3.64	179.42	8.04	179.94	54.52
178.39	2.39	178.91	3.66	179.43	8.18	179.95	56.18
178.40	2.42	178.92	3.68	179.44	8.32	179.96	57.87
178.41	2.45	178.93	3.70	179.45	8.46	179.97	59.58
178.42	2.48	178.94	3.72	179.46	8.61	179.98	61.32
178.43	2.51	178.95	3.74	179.47	8.75	179.99	63.09
178.44	2.54	178.96	3.76	179.48	8.90	180.00	64.89
178.45	2.57	178.97	3.78	179.49	9.04		
178.46	2.60	178.98	3.80	179.50	9.19		
178.47	2.63	178.99	3.82	179.51	9.46		
178.48	2.66	179.00	3.84	179.52	9.82		
178.49	2.69	179.01	3.87	179.53	10.25		
178.50	2.72	179.02	3.91	179.54	10.73		
178.51	2.74	179.03	3.96	179.55	11.26		
178.52	2.77	179.04	4.01	179.56	11.83		
178.53	2.80	179.05	4.07	179.57	12.43		
178.54	2.82	179.06	4.14	179.58	13.07		
178.55	2.85	179.07	4.21	179.59	13.74		
178.56	2.88	179.08	4.28	179.60	14.45		
178.57	2.90	179.09	4.35	179.61	15.18		
178.58	2.93	179.10	4.43	179.62	15.94		
178.59	2.95	179.11	4.51	179.63	16.73		

Stage-Area-Storage for Pond B-30: Basin #30

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
176.00	16,422	0	176.52	16,917	8,668
176.01	16,432	164	176.53	16,927	8,837
176.02	16,441	329	176.54	16,936	9,007
176.03	16,451	493	176.55	16,946	9,176
176.04	16,460	658	176.56	16,955	9,346
176.05	16,470	822	176.57	16,965	9,515
176.06	16,479	987	176.58	16,974	9,685
176.07	16,489	1,152	176.59	16,984	9,855
176.08	16,498	1,317	176.60	16,993	10,025
176.09	16,508	1,482	176.61	17,003	10,195
176.10	16,517	1,647	176.62	17,012	10,365
176.11	16,527	1,812	176.63	17,022	10,535
176.12	16,536	1,977	176.64	17,031	10,705
176.13	16,546	2,143	176.65	17,041	10,875
176.14	16,555	2,308	176.66	17,050	11,046
176.15	16,565	2,474	176.67	17,060	11,216
176.16	16,574	2,640	176.68	17,069	11,387
176.17	16,584	2,805	176.69	17,079	11,558
176.18	16,593	2,971	176.70	17,088	11,729
176.19	16,603	3,137	176.71	17,098	11,900
176.20	16,612	3,303	176.72	17,107	12,071
176.21	16,622	3,470	176.73	17,117	12,242
176.22	16,631	3,636	176.74	17,126	12,413
176.23	16,641	3,802	176.75	17,136	12,584
176.24	16,650	3,969	176.76	17,146	12,756
176.25	16,660	4,135	176.77	17,155	12,927
176.26	16,670	4,302	176.78	17,165	13,099
176.27	16,679	4,469	176.79	17,174	13,270
176.28	16,689	4,635	176.80	17,184	13,442
176.29	16,698	4,802	176.81	17,193	13,614
176.30	16,708	4,969	176.82	17,203	13,786
176.31	16,717	5,137	176.83	17,212	13,958
176.32	16,727	5,304	176.84	17,222	14,130
176.33	16,736	5,471	176.85	17,231	14,303
176.34	16,746	5,639	176.86	17,241	14,475
176.35	16,755	5,806	176.87	17,250	14,647
176.36	16,765	5,974	176.88	17,260	14,820
176.37	16,774	6,141	176.89	17,269	14,993
176.38	16,784	6,309	176.90	17,279	15,165
176.39	16,793	6,477	176.91	17,288	15,338
176.40	16,803	6,645	176.92	17,298	15,511
176.41	16,812	6,813	176.93	17,307	15,684
176.42	16,822	6,981	176.94	17,317	15,857
176.43	16,831	7,149	176.95	17,326	16,030
176.44	16,841	7,318	176.96	17,336	16,204
176.45	16,850	7,486	176.97	17,345	16,377
176.46	16,860	7,655	176.98	17,355	16,551
176.47	16,869	7,823	176.99	17,364	16,724
176.48	16,879	7,992	177.00	17,374	16,898
176.49	16,888	8,161	177.01	17,384	17,072
176.50	16,898	8,330	177.02	17,393	17,246
176.51	16,908	8,499	177.03	17,403	17,420

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.04	17,413	17,594	177.56	17,913	26,778
177.05	17,422	17,768	177.57	17,923	26,958
177.06	17,432	17,942	177.58	17,933	27,137
177.07	17,441	18,117	177.59	17,942	27,316
177.08	17,451	18,291	177.60	17,952	27,496
177.09	17,461	18,466	177.61	17,961	27,675
177.10	17,470	18,640	177.62	17,971	27,855
177.11	17,480	18,815	177.63	17,981	28,035
177.12	17,490	18,990	177.64	17,990	28,215
177.13	17,499	19,165	177.65	18,000	28,395
177.14	17,509	19,340	177.66	18,010	28,575
177.15	17,518	19,515	177.67	18,019	28,755
177.16	17,528	19,690	177.68	18,029	28,935
177.17	17,538	19,865	177.69	18,038	29,115
177.18	17,547	20,041	177.70	18,048	29,296
177.19	17,557	20,216	177.71	18,058	29,476
177.20	17,567	20,392	177.72	18,067	29,657
177.21	17,576	20,568	177.73	18,077	29,838
177.22	17,586	20,744	177.74	18,087	30,018
177.23	17,595	20,919	177.75	18,096	30,199
177.24	17,605	21,095	177.76	18,106	30,380
177.25	17,615	21,272	177.77	18,116	30,561
177.26	17,624	21,448	177.78	18,125	30,743
177.27	17,634	21,624	177.79	18,135	30,924
177.28	17,644	21,800	177.80	18,144	31,105
177.29	17,653	21,977	177.81	18,154	31,287
177.30	17,663	22,154	177.82	18,164	31,468
177.31	17,673	22,330	177.83	18,173	31,650
177.32	17,682	22,507	177.84	18,183	31,832
177.33	17,692	22,684	177.85	18,193	32,014
177.34	17,701	22,861	177.86	18,202	32,196
177.35	17,711	23,038	177.87	18,212	32,378
177.36	17,721	23,215	177.88	18,221	32,560
177.37	17,730	23,392	177.89	18,231	32,742
177.38	17,740	23,570	177.90	18,241	32,925
177.39	17,750	23,747	177.91	18,250	33,107
177.40	17,759	23,925	177.92	18,260	33,290
177.41	17,769	24,102	177.93	18,270	33,472
177.42	17,778	24,280	177.94	18,279	33,655
177.43	17,788	24,458	177.95	18,289	33,838
177.44	17,798	24,636	177.96	18,298	34,021
177.45	17,807	24,814	177.97	18,308	34,204
177.46	17,817	24,992	177.98	18,318	34,387
177.47	17,827	25,170	177.99	18,327	34,570
177.48	17,836	25,348	178.00	18,337	34,754
177.49	17,846	25,527	178.01	18,347	34,937
177.50	17,856	25,705	178.02	18,357	35,120
177.51	17,865	25,884	178.03	18,366	35,304
177.52	17,875	26,063	178.04	18,376	35,488
177.53	17,884	26,241	178.05	18,386	35,672
177.54	17,894	26,420	178.06	18,396	35,855
177.55	17,904	26,599	178.07	18,405	36,039

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.08	18,415	36,224	178.60	18,924	45,932
178.09	18,425	36,408	178.61	18,934	46,121
178.10	18,435	36,592	178.62	18,943	46,310
178.11	18,445	36,776	178.63	18,953	46,500
178.12	18,454	36,961	178.64	18,963	46,689
178.13	18,464	37,146	178.65	18,973	46,879
178.14	18,474	37,330	178.66	18,982	47,069
178.15	18,484	37,515	178.67	18,992	47,259
178.16	18,493	37,700	178.68	19,002	47,449
178.17	18,503	37,885	178.69	19,012	47,639
178.18	18,513	38,070	178.70	19,022	47,829
178.19	18,523	38,255	178.71	19,031	48,019
178.20	18,533	38,440	178.72	19,041	48,210
178.21	18,542	38,626	178.73	19,051	48,400
178.22	18,552	38,811	178.74	19,061	48,591
178.23	18,562	38,997	178.75	19,071	48,781
178.24	18,572	39,183	178.76	19,080	48,972
178.25	18,582	39,368	178.77	19,090	49,163
178.26	18,591	39,554	178.78	19,100	49,354
178.27	18,601	39,740	178.79	19,110	49,545
178.28	18,611	39,926	178.80	19,119	49,736
178.29	18,621	40,112	178.81	19,129	49,927
178.30	18,630	40,299	178.82	19,139	50,119
178.31	18,640	40,485	178.83	19,149	50,310
178.32	18,650	40,671	178.84	19,159	50,502
178.33	18,660	40,858	178.85	19,168	50,693
178.34	18,670	41,045	178.86	19,178	50,885
178.35	18,679	41,231	178.87	19,188	51,077
178.36	18,689	41,418	178.88	19,198	51,269
178.37	18,699	41,605	178.89	19,207	51,461
178.38	18,709	41,792	178.90	19,217	51,653
178.39	18,718	41,979	178.91	19,227	51,845
178.40	18,728	42,167	178.92	19,237	52,037
178.41	18,738	42,354	178.93	19,247	52,230
178.42	18,748	42,541	178.94	19,256	52,422
178.43	18,758	42,729	178.95	19,266	52,615
178.44	18,767	42,916	178.96	19,276	52,808
178.45	18,777	43,104	178.97	19,286	53,000
178.46	18,787	43,292	178.98	19,295	53,193
178.47	18,797	43,480	178.99	19,305	53,386
178.48	18,806	43,668	179.00	19,315	53,580
178.49	18,816	43,856	179.01	19,325	53,773
178.50	18,826	44,044	179.02	19,335	53,966
178.51	18,836	44,233	179.03	19,344	54,159
178.52	18,846	44,421	179.04	19,354	54,353
178.53	18,855	44,609	179.05	19,364	54,546
178.54	18,865	44,798	179.06	19,374	54,740
178.55	18,875	44,987	179.07	19,383	54,934
178.56	18,885	45,176	179.08	19,393	55,128
178.57	18,894	45,364	179.09	19,403	55,322
178.58	18,904	45,553	179.10	19,413	55,516
178.59	18,914	45,743	179.11	19,422	55,710

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.12	19,432	55,904	179.64	19,940	66,141
179.13	19,442	56,099	179.65	19,950	66,341
179.14	19,452	56,293	179.66	19,960	66,540
179.15	19,462	56,488	179.67	19,970	66,740
179.16	19,471	56,682	179.68	19,979	66,940
179.17	19,481	56,877	179.69	19,989	67,139
179.18	19,491	57,072	179.70	19,999	67,339
179.19	19,501	57,267	179.71	20,009	67,539
179.20	19,510	57,462	179.72	20,018	67,740
179.21	19,520	57,657	179.73	20,028	67,940
179.22	19,530	57,852	179.74	20,038	68,140
179.23	19,540	58,048	179.75	20,048	68,341
179.24	19,549	58,243	179.76	20,058	68,541
179.25	19,559	58,439	179.77	20,067	68,742
179.26	19,569	58,634	179.78	20,077	68,942
179.27	19,579	58,830	179.79	20,087	69,143
179.28	19,589	59,026	179.80	20,097	69,344
179.29	19,598	59,222	179.81	20,106	69,545
179.30	19,608	59,418	179.82	20,116	69,746
179.31	19,618	59,614	179.83	20,126	69,947
179.32	19,628	59,810	179.84	20,136	70,149
179.33	19,637	60,007	179.85	20,145	70,350
179.34	19,647	60,203	179.86	20,155	70,552
179.35	19,657	60,400	179.87	20,165	70,753
179.36	19,667	60,596	179.88	20,175	70,955
179.37	19,676	60,793	179.89	20,185	71,157
179.38	19,686	60,990	179.90	20,194	71,359
179.39	19,696	61,187	179.91	20,204	71,561
179.40	19,706	61,384	179.92	20,214	71,763
179.41	19,716	61,581	179.93	20,224	71,965
179.42	19,725	61,778	179.94	20,233	72,167
179.43	19,735	61,975	179.95	20,243	72,370
179.44	19,745	62,173	179.96	20,253	72,572
179.45	19,755	62,370	179.97	20,263	72,775
179.46	19,764	62,568	179.98	20,272	72,977
179.47	19,774	62,765	179.99	20,282	73,180
179.48	19,784	62,963	180.00	20,292	73,383
179.49	19,794	63,161			
179.50	19,804	63,359			
179.51	19,813	63,557			
179.52	19,823	63,755			
179.53	19,833	63,954			
179.54	19,843	64,152			
179.55	19,852	64,351			
179.56	19,862	64,549			
179.57	19,872	64,748			
179.58	19,882	64,947			
179.59	19,891	65,145			
179.60	19,901	65,344			
179.61	19,911	65,543			
179.62	19,921	65,743			
179.63	19,931	65,942			

Summary for Pond B-31: Basin #31

Inflow Area = 0.923 ac, 77.68% Impervious, Inflow Depth = 3.14" for Future 2 yr event
 Inflow = 3.62 cfs @ 12.07 hrs, Volume= 0.242 af
 Outflow = 1.33 cfs @ 12.18 hrs, Volume= 0.178 af, Atten= 63%, Lag= 6.8 min
 Primary = 1.33 cfs @ 12.18 hrs, Volume= 0.178 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.06' @ 12.18 hrs Surf.Area= 4,745 sf Storage= 5,022 cf

Plug-Flow detention time= 211.1 min calculated for 0.178 af (74% of inflow)
 Center-of-Mass det. time= 118.5 min (878.4 - 760.0)

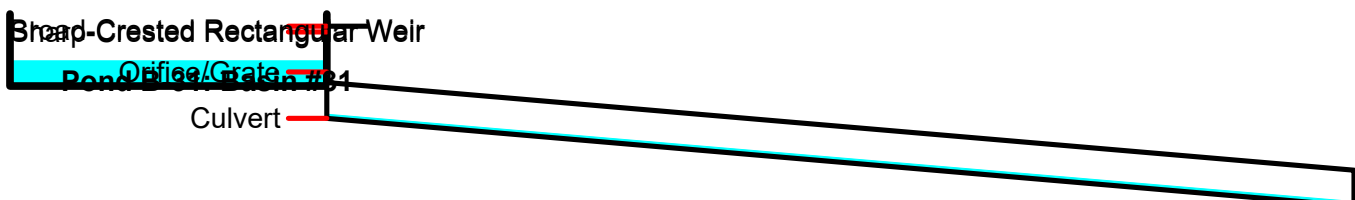
Volume	Invert	Avail.Storage	Storage Description
#1	193.00'	14,235 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

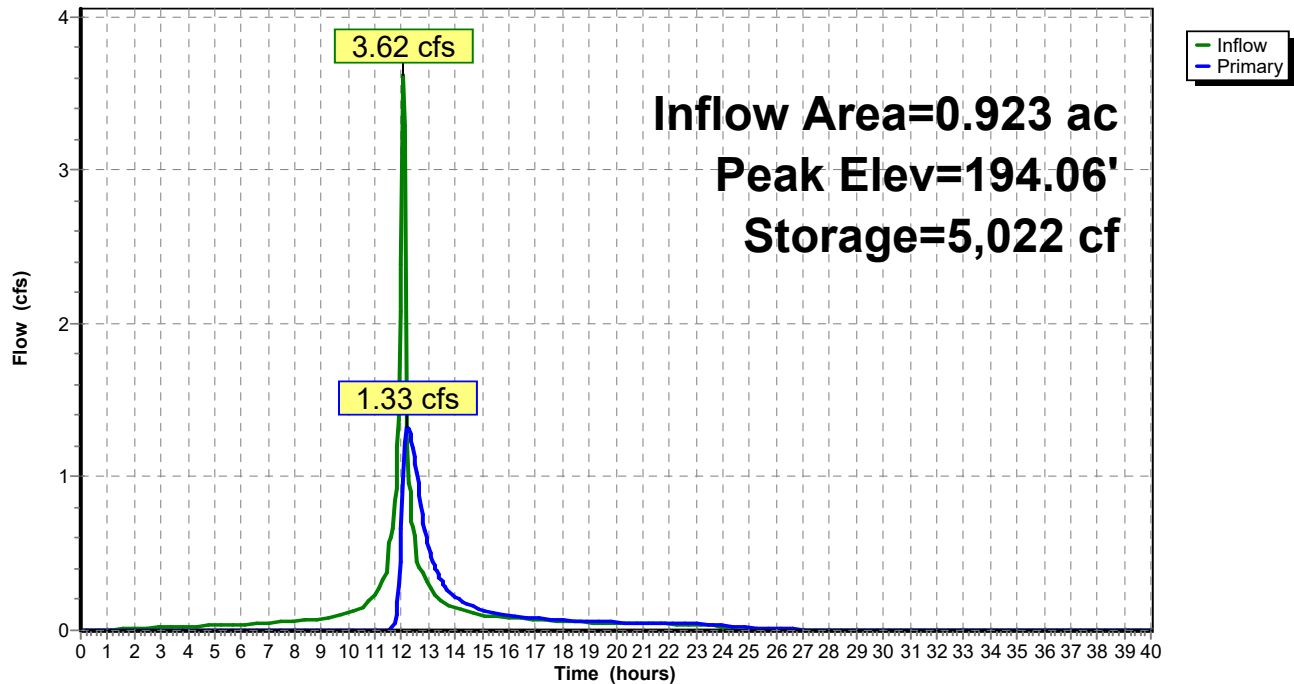
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
193.00	4,745	0	0
194.00	4,745	4,745	4,745
195.00	4,745	4,745	9,490
196.00	4,745	4,745	14,235

Device	Routing	Invert	Outlet Devices
#1	Primary	191.65'	18.0" Round Culvert L= 126.0' Ke= 0.500 Inlet / Outlet Invert= 191.65' / 188.00' S= 0.0290 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	193.58'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=1.32 cfs @ 12.18 hrs HW=194.06' (Free Discharge)

- 1=Culvert (Passes 1.32 cfs of 10.95 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.32 cfs @ 2.65 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-31: Basin #31**Hydrograph**

Hydrograph for Pond B-31: Basin #31

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	193.00	0.00
0.10	0.00	0	193.00	0.00
0.20	0.00	0	193.00	0.00
0.30	0.00	0	193.00	0.00
0.40	0.00	0	193.00	0.00
0.50	0.00	0	193.00	0.00
0.60	0.00	0	193.00	0.00
0.70	0.00	0	193.00	0.00
0.80	0.00	0	193.00	0.00
0.90	0.00	0	193.00	0.00
1.00	0.00	0	193.00	0.00
1.10	0.00	0	193.00	0.00
1.20	0.00	1	193.00	0.00
1.30	0.00	2	193.00	0.00
1.40	0.01	4	193.00	0.00
1.50	0.01	6	193.00	0.00
1.60	0.01	8	193.00	0.00
1.70	0.01	11	193.00	0.00
1.80	0.01	14	193.00	0.00
1.90	0.01	18	193.00	0.00
2.00	0.01	22	193.00	0.00
2.10	0.01	26	193.01	0.00
2.20	0.01	30	193.01	0.00
2.30	0.01	35	193.01	0.00
2.40	0.01	40	193.01	0.00
2.50	0.02	46	193.01	0.00
2.60	0.02	52	193.01	0.00
2.70	0.02	58	193.01	0.00
2.80	0.02	64	193.01	0.00
2.90	0.02	71	193.01	0.00
3.00	0.02	77	193.02	0.00
3.10	0.02	85	193.02	0.00
3.20	0.02	92	193.02	0.00
3.30	0.02	100	193.02	0.00
3.40	0.02	107	193.02	0.00
3.50	0.02	116	193.02	0.00
3.60	0.02	124	193.03	0.00
3.70	0.02	133	193.03	0.00
3.80	0.02	141	193.03	0.00
3.90	0.03	150	193.03	0.00
4.00	0.03	160	193.03	0.00
4.10	0.03	169	193.04	0.00
4.20	0.03	179	193.04	0.00
4.30	0.03	189	193.04	0.00
4.40	0.03	199	193.04	0.00
4.50	0.03	209	193.04	0.00
4.60	0.03	220	193.05	0.00
4.70	0.03	230	193.05	0.00
4.80	0.03	241	193.05	0.00
4.90	0.03	252	193.05	0.00
5.00	0.03	264	193.06	0.00
5.10	0.03	275	193.06	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	287	193.06	0.00
5.30	0.03	298	193.06	0.00
5.40	0.03	310	193.07	0.00
5.50	0.03	323	193.07	0.00
5.60	0.03	335	193.07	0.00
5.70	0.03	347	193.07	0.00
5.80	0.04	360	193.08	0.00
5.90	0.04	373	193.08	0.00
6.00	0.04	386	193.08	0.00
6.10	0.04	399	193.08	0.00
6.20	0.04	413	193.09	0.00
6.30	0.04	427	193.09	0.00
6.40	0.04	442	193.09	0.00
6.50	0.04	457	193.10	0.00
6.60	0.04	472	193.10	0.00
6.70	0.04	488	193.10	0.00
6.80	0.05	504	193.11	0.00
6.90	0.05	521	193.11	0.00
7.00	0.05	538	193.11	0.00
7.10	0.05	556	193.12	0.00
7.20	0.05	574	193.12	0.00
7.30	0.05	592	193.12	0.00
7.40	0.05	611	193.13	0.00
7.50	0.05	630	193.13	0.00
7.60	0.06	650	193.14	0.00
7.70	0.06	670	193.14	0.00
7.80	0.06	691	193.15	0.00
7.90	0.06	712	193.15	0.00
8.00	0.06	733	193.15	0.00
8.10	0.06	755	193.16	0.00
8.20	0.06	777	193.16	0.00
8.30	0.06	800	193.17	0.00
8.40	0.06	823	193.17	0.00
8.50	0.07	847	193.18	0.00
8.60	0.07	871	193.18	0.00
8.70	0.07	895	193.19	0.00
8.80	0.07	920	193.19	0.00
8.90	0.07	945	193.20	0.00
9.00	0.07	971	193.20	0.00
9.10	0.08	998	193.21	0.00
9.20	0.08	1,027	193.22	0.00
9.30	0.08	1,057	193.22	0.00
9.40	0.09	1,088	193.23	0.00
9.50	0.09	1,121	193.24	0.00
9.60	0.10	1,155	193.24	0.00
9.70	0.10	1,191	193.25	0.00
9.80	0.11	1,229	193.26	0.00
9.90	0.11	1,268	193.27	0.00
10.00	0.11	1,308	193.28	0.00
10.10	0.12	1,350	193.28	0.00
10.20	0.12	1,394	193.29	0.00
10.30	0.13	1,439	193.30	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.13	1,486	193.31	0.00
10.50	0.14	1,535	193.32	0.00
10.60	0.16	1,588	193.33	0.00
10.70	0.17	1,648	193.35	0.00
10.80	0.19	1,714	193.36	0.00
10.90	0.21	1,785	193.38	0.00
11.00	0.22	1,863	193.39	0.00
11.10	0.26	1,951	193.41	0.00
11.20	0.29	2,051	193.43	0.00
11.30	0.32	2,162	193.46	0.00
11.40	0.35	2,285	193.48	0.00
11.50	0.41	2,421	193.51	0.00
11.60	0.59	2,615	193.55	0.00
11.70	0.66	2,838	193.60	0.01
11.80	0.92	3,115	193.66	0.10
11.90	1.37	3,469	193.73	0.28
12.00	2.38	4,016	193.85	0.66
12.10	3.29	4,818	194.02	1.23
12.20	1.25	5,018	194.06	1.33
12.30	0.90	4,915	194.04	1.27
12.40	0.68	4,741	194.00	1.19
12.50	0.62	4,567	193.96	1.09
12.60	0.42	4,372	193.92	0.95
12.70	0.39	4,200	193.89	0.81
12.80	0.36	4,062	193.86	0.70
12.90	0.32	3,948	193.83	0.61
13.00	0.29	3,850	193.81	0.54
13.10	0.26	3,765	193.79	0.48
13.20	0.24	3,691	193.78	0.42
13.30	0.22	3,627	193.76	0.38
13.40	0.20	3,571	193.75	0.35
13.50	0.18	3,520	193.74	0.31
13.60	0.17	3,474	193.73	0.29
13.70	0.16	3,433	193.72	0.26
13.80	0.16	3,399	193.72	0.24
13.90	0.15	3,370	193.71	0.23
14.00	0.15	3,344	193.70	0.21
14.10	0.14	3,321	193.70	0.20
14.20	0.14	3,300	193.70	0.19
14.30	0.13	3,281	193.69	0.18
14.40	0.13	3,264	193.69	0.17
14.50	0.12	3,249	193.68	0.16
14.60	0.12	3,234	193.68	0.16
14.70	0.11	3,219	193.68	0.15
14.80	0.11	3,206	193.68	0.14
14.90	0.10	3,192	193.67	0.14
15.00	0.10	3,179	193.67	0.13
15.10	0.09	3,167	193.67	0.13
15.20	0.09	3,156	193.67	0.12
15.30	0.09	3,146	193.66	0.12
15.40	0.09	3,137	193.66	0.11
15.50	0.09	3,129	193.66	0.11

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.09	3,122	193.66	0.11
15.70	0.08	3,115	193.66	0.10
15.80	0.08	3,109	193.66	0.10
15.90	0.08	3,103	193.65	0.10
16.00	0.08	3,098	193.65	0.10
16.10	0.08	3,092	193.65	0.09
16.20	0.08	3,087	193.65	0.09
16.30	0.08	3,083	193.65	0.09
16.40	0.08	3,078	193.65	0.09
16.50	0.07	3,073	193.65	0.09
16.60	0.07	3,069	193.65	0.08
16.70	0.07	3,065	193.65	0.08
16.80	0.07	3,061	193.65	0.08
16.90	0.07	3,057	193.64	0.08
17.00	0.07	3,053	193.64	0.08
17.10	0.07	3,049	193.64	0.08
17.20	0.07	3,045	193.64	0.08
17.30	0.06	3,042	193.64	0.07
17.40	0.06	3,038	193.64	0.07
17.50	0.06	3,034	193.64	0.07
17.60	0.06	3,031	193.64	0.07
17.70	0.06	3,027	193.64	0.07
17.80	0.06	3,024	193.64	0.07
17.90	0.06	3,020	193.64	0.07
18.00	0.05	3,016	193.64	0.06
18.10	0.05	3,013	193.63	0.06
18.20	0.05	3,010	193.63	0.06
18.30	0.05	3,007	193.63	0.06
18.40	0.05	3,004	193.63	0.06
18.50	0.05	3,002	193.63	0.06
18.60	0.05	3,000	193.63	0.06
18.70	0.05	2,998	193.63	0.06
18.80	0.05	2,996	193.63	0.06
18.90	0.05	2,994	193.63	0.06
19.00	0.05	2,992	193.63	0.05
19.10	0.05	2,991	193.63	0.05
19.20	0.05	2,989	193.63	0.05
19.30	0.05	2,988	193.63	0.05
19.40	0.05	2,987	193.63	0.05
19.50	0.05	2,985	193.63	0.05
19.60	0.05	2,984	193.63	0.05
19.70	0.05	2,983	193.63	0.05
19.80	0.05	2,981	193.63	0.05
19.90	0.05	2,980	193.63	0.05
20.00	0.05	2,979	193.63	0.05
20.10	0.05	2,978	193.63	0.05
20.20	0.05	2,976	193.63	0.05
20.30	0.05	2,975	193.63	0.05
20.40	0.05	2,974	193.63	0.05
20.50	0.05	2,973	193.63	0.05
20.60	0.05	2,971	193.63	0.05
20.70	0.05	2,970	193.63	0.05

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.04	2,969	193.63	0.05
20.90	0.04	2,968	193.63	0.05
21.00	0.04	2,967	193.63	0.05
21.10	0.04	2,965	193.62	0.05
21.20	0.04	2,964	193.62	0.05
21.30	0.04	2,963	193.62	0.05
21.40	0.04	2,962	193.62	0.05
21.50	0.04	2,961	193.62	0.05
21.60	0.04	2,959	193.62	0.05
21.70	0.04	2,958	193.62	0.05
21.80	0.04	2,957	193.62	0.04
21.90	0.04	2,956	193.62	0.04
22.00	0.04	2,955	193.62	0.04
22.10	0.04	2,954	193.62	0.04
22.20	0.04	2,952	193.62	0.04
22.30	0.04	2,951	193.62	0.04
22.40	0.04	2,950	193.62	0.04
22.50	0.04	2,949	193.62	0.04
22.60	0.04	2,948	193.62	0.04
22.70	0.04	2,947	193.62	0.04
22.80	0.04	2,945	193.62	0.04
22.90	0.04	2,944	193.62	0.04
23.00	0.04	2,943	193.62	0.04
23.10	0.04	2,942	193.62	0.04
23.20	0.04	2,941	193.62	0.04
23.30	0.04	2,940	193.62	0.04
23.40	0.04	2,938	193.62	0.04
23.50	0.04	2,937	193.62	0.04
23.60	0.04	2,936	193.62	0.04
23.70	0.04	2,935	193.62	0.04
23.80	0.03	2,934	193.62	0.04
23.90	0.04	2,933	193.62	0.04
24.00	0.04	2,933	193.62	0.04
24.10	0.00	2,924	193.62	0.04
24.20	0.00	2,912	193.61	0.03
24.30	0.00	2,901	193.61	0.03
24.40	0.00	2,891	193.61	0.03
24.50	0.00	2,882	193.61	0.02
24.60	0.00	2,874	193.61	0.02
24.70	0.00	2,867	193.60	0.02
24.80	0.00	2,860	193.60	0.02
24.90	0.00	2,854	193.60	0.02
25.00	0.00	2,849	193.60	0.01
25.10	0.00	2,844	193.60	0.01
25.20	0.00	2,839	193.60	0.01
25.30	0.00	2,835	193.60	0.01
25.40	0.00	2,831	193.60	0.01
25.50	0.00	2,827	193.60	0.01
25.60	0.00	2,823	193.59	0.01
25.70	0.00	2,819	193.59	0.01
25.80	0.00	2,816	193.59	0.01
25.90	0.00	2,813	193.59	0.01

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,810	193.59	0.01
26.10	0.00	2,807	193.59	0.01
26.20	0.00	2,804	193.59	0.01
26.30	0.00	2,802	193.59	0.01
26.40	0.00	2,799	193.59	0.01
26.50	0.00	2,797	193.59	0.01
26.60	0.00	2,794	193.59	0.01
26.70	0.00	2,792	193.59	0.01
26.80	0.00	2,790	193.59	0.01
26.90	0.00	2,788	193.59	0.01
27.00	0.00	2,787	193.59	0.00
27.10	0.00	2,785	193.59	0.00
27.20	0.00	2,783	193.59	0.00
27.30	0.00	2,782	193.59	0.00
27.40	0.00	2,780	193.59	0.00
27.50	0.00	2,779	193.59	0.00
27.60	0.00	2,777	193.59	0.00
27.70	0.00	2,776	193.59	0.00
27.80	0.00	2,775	193.58	0.00
27.90	0.00	2,774	193.58	0.00
28.00	0.00	2,773	193.58	0.00
28.10	0.00	2,772	193.58	0.00
28.20	0.00	2,771	193.58	0.00
28.30	0.00	2,770	193.58	0.00
28.40	0.00	2,769	193.58	0.00
28.50	0.00	2,768	193.58	0.00
28.60	0.00	2,767	193.58	0.00
28.70	0.00	2,766	193.58	0.00
28.80	0.00	2,766	193.58	0.00
28.90	0.00	2,765	193.58	0.00
29.00	0.00	2,764	193.58	0.00
29.10	0.00	2,764	193.58	0.00
29.20	0.00	2,763	193.58	0.00
29.30	0.00	2,763	193.58	0.00
29.40	0.00	2,762	193.58	0.00
29.50	0.00	2,762	193.58	0.00
29.60	0.00	2,761	193.58	0.00
29.70	0.00	2,761	193.58	0.00
29.80	0.00	2,760	193.58	0.00
29.90	0.00	2,760	193.58	0.00
30.00	0.00	2,759	193.58	0.00
30.10	0.00	2,759	193.58	0.00
30.20	0.00	2,759	193.58	0.00
30.30	0.00	2,758	193.58	0.00
30.40	0.00	2,758	193.58	0.00
30.50	0.00	2,758	193.58	0.00
30.60	0.00	2,757	193.58	0.00
30.70	0.00	2,757	193.58	0.00
30.80	0.00	2,757	193.58	0.00
30.90	0.00	2,757	193.58	0.00
31.00	0.00	2,756	193.58	0.00
31.10	0.00	2,756	193.58	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,756	193.58	0.00
31.30	0.00	2,756	193.58	0.00
31.40	0.00	2,756	193.58	0.00
31.50	0.00	2,755	193.58	0.00
31.60	0.00	2,755	193.58	0.00
31.70	0.00	2,755	193.58	0.00
31.80	0.00	2,755	193.58	0.00
31.90	0.00	2,755	193.58	0.00
32.00	0.00	2,755	193.58	0.00
32.10	0.00	2,755	193.58	0.00
32.20	0.00	2,754	193.58	0.00
32.30	0.00	2,754	193.58	0.00
32.40	0.00	2,754	193.58	0.00
32.50	0.00	2,754	193.58	0.00
32.60	0.00	2,754	193.58	0.00
32.70	0.00	2,754	193.58	0.00
32.80	0.00	2,754	193.58	0.00
32.90	0.00	2,754	193.58	0.00
33.00	0.00	2,754	193.58	0.00
33.10	0.00	2,754	193.58	0.00
33.20	0.00	2,753	193.58	0.00
33.30	0.00	2,753	193.58	0.00
33.40	0.00	2,753	193.58	0.00
33.50	0.00	2,753	193.58	0.00
33.60	0.00	2,753	193.58	0.00
33.70	0.00	2,753	193.58	0.00
33.80	0.00	2,753	193.58	0.00
33.90	0.00	2,753	193.58	0.00
34.00	0.00	2,753	193.58	0.00
34.10	0.00	2,753	193.58	0.00
34.20	0.00	2,753	193.58	0.00
34.30	0.00	2,753	193.58	0.00
34.40	0.00	2,753	193.58	0.00
34.50	0.00	2,753	193.58	0.00
34.60	0.00	2,753	193.58	0.00
34.70	0.00	2,753	193.58	0.00
34.80	0.00	2,753	193.58	0.00
34.90	0.00	2,753	193.58	0.00
35.00	0.00	2,753	193.58	0.00
35.10	0.00	2,753	193.58	0.00
35.20	0.00	2,753	193.58	0.00
35.30	0.00	2,753	193.58	0.00
35.40	0.00	2,753	193.58	0.00
35.50	0.00	2,753	193.58	0.00
35.60	0.00	2,753	193.58	0.00
35.70	0.00	2,752	193.58	0.00
35.80	0.00	2,752	193.58	0.00
35.90	0.00	2,752	193.58	0.00
36.00	0.00	2,752	193.58	0.00
36.10	0.00	2,752	193.58	0.00
36.20	0.00	2,752	193.58	0.00
36.30	0.00	2,752	193.58	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,752	193.58	0.00
36.50	0.00	2,752	193.58	0.00
36.60	0.00	2,752	193.58	0.00
36.70	0.00	2,752	193.58	0.00
36.80	0.00	2,752	193.58	0.00
36.90	0.00	2,752	193.58	0.00
37.00	0.00	2,752	193.58	0.00
37.10	0.00	2,752	193.58	0.00
37.20	0.00	2,752	193.58	0.00
37.30	0.00	2,752	193.58	0.00
37.40	0.00	2,752	193.58	0.00
37.50	0.00	2,752	193.58	0.00
37.60	0.00	2,752	193.58	0.00
37.70	0.00	2,752	193.58	0.00
37.80	0.00	2,752	193.58	0.00
37.90	0.00	2,752	193.58	0.00
38.00	0.00	2,752	193.58	0.00
38.10	0.00	2,752	193.58	0.00
38.20	0.00	2,752	193.58	0.00
38.30	0.00	2,752	193.58	0.00
38.40	0.00	2,752	193.58	0.00
38.50	0.00	2,752	193.58	0.00
38.60	0.00	2,752	193.58	0.00
38.70	0.00	2,752	193.58	0.00
38.80	0.00	2,752	193.58	0.00
38.90	0.00	2,752	193.58	0.00
39.00	0.00	2,752	193.58	0.00
39.10	0.00	2,752	193.58	0.00
39.20	0.00	2,752	193.58	0.00
39.30	0.00	2,752	193.58	0.00
39.40	0.00	2,752	193.58	0.00
39.50	0.00	2,752	193.58	0.00
39.60	0.00	2,752	193.58	0.00
39.70	0.00	2,752	193.58	0.00
39.80	0.00	2,752	193.58	0.00
39.90	0.00	2,752	193.58	0.00
40.00	0.00	2,752	193.58	0.00

Stage-Discharge for Pond B-31: Basin #31

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.00	0.00	193.52	0.00	194.04	1.29	194.56	2.17
193.01	0.00	193.53	0.00	194.05	1.31	194.57	2.18
193.02	0.00	193.54	0.00	194.06	1.33	194.58	2.19
193.03	0.00	193.55	0.00	194.07	1.35	194.59	2.21
193.04	0.00	193.56	0.00	194.08	1.37	194.60	2.22
193.05	0.00	193.57	0.00	194.09	1.40	194.61	2.23
193.06	0.00	193.58	0.00	194.10	1.42	194.62	2.25
193.07	0.00	193.59	0.00	194.11	1.44	194.63	2.26
193.08	0.00	193.60	0.01	194.12	1.46	194.64	2.27
193.09	0.00	193.61	0.03	194.13	1.48	194.65	2.28
193.10	0.00	193.62	0.04	194.14	1.50	194.66	2.30
193.11	0.00	193.63	0.05	194.15	1.52	194.67	2.31
193.12	0.00	193.64	0.07	194.16	1.54	194.68	2.32
193.13	0.00	193.65	0.09	194.17	1.56	194.69	2.34
193.14	0.00	193.66	0.11	194.18	1.57	194.70	2.35
193.15	0.00	193.67	0.13	194.19	1.59	194.71	2.36
193.16	0.00	193.68	0.15	194.20	1.61	194.72	2.37
193.17	0.00	193.69	0.18	194.21	1.63	194.73	2.38
193.18	0.00	193.70	0.20	194.22	1.65	194.74	2.40
193.19	0.00	193.71	0.23	194.23	1.67	194.75	2.41
193.20	0.00	193.72	0.25	194.24	1.68	194.76	2.42
193.21	0.00	193.73	0.28	194.25	1.70	194.77	2.43
193.22	0.00	193.74	0.31	194.26	1.72	194.78	2.44
193.23	0.00	193.75	0.34	194.27	1.73	194.79	2.46
193.24	0.00	193.76	0.37	194.28	1.75	194.80	2.47
193.25	0.00	193.77	0.40	194.29	1.77	194.81	2.48
193.26	0.00	193.78	0.43	194.30	1.78	194.82	2.49
193.27	0.00	193.79	0.46	194.31	1.80	194.83	2.50
193.28	0.00	193.80	0.50	194.32	1.82	194.84	2.51
193.29	0.00	193.81	0.53	194.33	1.83	194.85	2.53
193.30	0.00	193.82	0.57	194.34	1.85	194.86	2.54
193.31	0.00	193.83	0.60	194.35	1.86	194.87	2.55
193.32	0.00	193.84	0.64	194.36	1.88	194.88	2.56
193.33	0.00	193.85	0.68	194.37	1.90	194.89	2.57
193.34	0.00	193.86	0.71	194.38	1.91	194.90	2.58
193.35	0.00	193.87	0.75	194.39	1.93	194.91	2.59
193.36	0.00	193.88	0.79	194.40	1.94	194.92	2.61
193.37	0.00	193.89	0.83	194.41	1.96	194.93	2.62
193.38	0.00	193.90	0.87	194.42	1.97	194.94	2.63
193.39	0.00	193.91	0.91	194.43	1.99	194.95	2.64
193.40	0.00	193.92	0.95	194.44	2.00	194.96	2.65
193.41	0.00	193.93	0.99	194.45	2.01	194.97	2.66
193.42	0.00	193.94	1.02	194.46	2.03	194.98	2.67
193.43	0.00	193.95	1.05	194.47	2.04	194.99	2.68
193.44	0.00	193.96	1.08	194.48	2.06	195.00	2.69
193.45	0.00	193.97	1.11	194.49	2.07	195.01	2.70
193.46	0.00	193.98	1.14	194.50	2.09	195.02	2.71
193.47	0.00	193.99	1.16	194.51	2.10	195.03	2.73
193.48	0.00	194.00	1.19	194.52	2.11	195.04	2.74
193.49	0.00	194.01	1.21	194.53	2.13	195.05	2.75
193.50	0.00	194.02	1.24	194.54	2.14	195.06	2.76
193.51	0.00	194.03	1.26	194.55	2.15	195.07	2.77

Stage-Discharge for Pond B-31: Basin #31 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.08	2.78	195.60	9.65
195.09	2.79	195.61	10.35
195.10	2.80	195.62	11.08
195.11	2.81	195.63	11.83
195.12	2.82	195.64	12.61
195.13	2.83	195.65	13.41
195.14	2.84	195.66	14.24
195.15	2.85	195.67	15.09
195.16	2.86	195.68	15.97
195.17	2.87	195.69	16.87
195.18	2.88	195.70	17.79
195.19	2.89	195.71	18.77
195.20	2.90	195.72	19.78
195.21	2.91	195.73	20.82
195.22	2.92	195.74	21.88
195.23	2.93	195.75	22.97
195.24	2.94	195.76	24.08
195.25	2.95	195.77	25.23
195.26	2.97	195.78	26.39
195.27	3.01	195.79	27.59
195.28	3.05	195.80	28.81
195.29	3.09	195.81	30.05
195.30	3.14	195.82	31.32
195.31	3.20	195.83	32.62
195.32	3.26	195.84	33.94
195.33	3.32	195.85	35.28
195.34	3.39	195.86	36.66
195.35	3.46	195.87	38.05
195.36	3.53	195.88	39.47
195.37	3.61	195.89	40.92
195.38	3.68	195.90	42.39
195.39	3.77	195.91	43.92
195.40	3.85	195.92	45.47
195.41	3.93	195.93	47.05
195.42	4.02	195.94	48.65
195.43	4.11	195.95	50.28
195.44	4.20	195.96	51.94
195.45	4.30	195.97	53.63
195.46	4.40	195.98	55.35
195.47	4.49	195.99	57.09
195.48	4.59	196.00	58.86
195.49	4.70		
195.50	4.80		
195.51	5.02		
195.52	5.35		
195.53	5.73		
195.54	6.17		
195.55	6.66		
195.56	7.19		
195.57	7.75		
195.58	8.35		
195.59	8.99		

Stage-Area-Storage for Pond B-31: Basin #31

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.00	4,745	0	193.52	4,745	2,467
193.01	4,745	47	193.53	4,745	2,515
193.02	4,745	95	193.54	4,745	2,562
193.03	4,745	142	193.55	4,745	2,610
193.04	4,745	190	193.56	4,745	2,657
193.05	4,745	237	193.57	4,745	2,705
193.06	4,745	285	193.58	4,745	2,752
193.07	4,745	332	193.59	4,745	2,800
193.08	4,745	380	193.60	4,745	2,847
193.09	4,745	427	193.61	4,745	2,894
193.10	4,745	474	193.62	4,745	2,942
193.11	4,745	522	193.63	4,745	2,989
193.12	4,745	569	193.64	4,745	3,037
193.13	4,745	617	193.65	4,745	3,084
193.14	4,745	664	193.66	4,745	3,132
193.15	4,745	712	193.67	4,745	3,179
193.16	4,745	759	193.68	4,745	3,227
193.17	4,745	807	193.69	4,745	3,274
193.18	4,745	854	193.70	4,745	3,321
193.19	4,745	902	193.71	4,745	3,369
193.20	4,745	949	193.72	4,745	3,416
193.21	4,745	996	193.73	4,745	3,464
193.22	4,745	1,044	193.74	4,745	3,511
193.23	4,745	1,091	193.75	4,745	3,559
193.24	4,745	1,139	193.76	4,745	3,606
193.25	4,745	1,186	193.77	4,745	3,654
193.26	4,745	1,234	193.78	4,745	3,701
193.27	4,745	1,281	193.79	4,745	3,749
193.28	4,745	1,329	193.80	4,745	3,796
193.29	4,745	1,376	193.81	4,745	3,843
193.30	4,745	1,424	193.82	4,745	3,891
193.31	4,745	1,471	193.83	4,745	3,938
193.32	4,745	1,518	193.84	4,745	3,986
193.33	4,745	1,566	193.85	4,745	4,033
193.34	4,745	1,613	193.86	4,745	4,081
193.35	4,745	1,661	193.87	4,745	4,128
193.36	4,745	1,708	193.88	4,745	4,176
193.37	4,745	1,756	193.89	4,745	4,223
193.38	4,745	1,803	193.90	4,745	4,271
193.39	4,745	1,851	193.91	4,745	4,318
193.40	4,745	1,898	193.92	4,745	4,365
193.41	4,745	1,945	193.93	4,745	4,413
193.42	4,745	1,993	193.94	4,745	4,460
193.43	4,745	2,040	193.95	4,745	4,508
193.44	4,745	2,088	193.96	4,745	4,555
193.45	4,745	2,135	193.97	4,745	4,603
193.46	4,745	2,183	193.98	4,745	4,650
193.47	4,745	2,230	193.99	4,745	4,698
193.48	4,745	2,278	194.00	4,745	4,745
193.49	4,745	2,325	194.01	4,745	4,792
193.50	4,745	2,373	194.02	4,745	4,840
193.51	4,745	2,420	194.03	4,745	4,887

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.04	4,745	4,935	194.56	4,745	7,402
194.05	4,745	4,982	194.57	4,745	7,450
194.06	4,745	5,030	194.58	4,745	7,497
194.07	4,745	5,077	194.59	4,745	7,545
194.08	4,745	5,125	194.60	4,745	7,592
194.09	4,745	5,172	194.61	4,745	7,639
194.10	4,745	5,219	194.62	4,745	7,687
194.11	4,745	5,267	194.63	4,745	7,734
194.12	4,745	5,314	194.64	4,745	7,782
194.13	4,745	5,362	194.65	4,745	7,829
194.14	4,745	5,409	194.66	4,745	7,877
194.15	4,745	5,457	194.67	4,745	7,924
194.16	4,745	5,504	194.68	4,745	7,972
194.17	4,745	5,552	194.69	4,745	8,019
194.18	4,745	5,599	194.70	4,745	8,066
194.19	4,745	5,647	194.71	4,745	8,114
194.20	4,745	5,694	194.72	4,745	8,161
194.21	4,745	5,741	194.73	4,745	8,209
194.22	4,745	5,789	194.74	4,745	8,256
194.23	4,745	5,836	194.75	4,745	8,304
194.24	4,745	5,884	194.76	4,745	8,351
194.25	4,745	5,931	194.77	4,745	8,399
194.26	4,745	5,979	194.78	4,745	8,446
194.27	4,745	6,026	194.79	4,745	8,494
194.28	4,745	6,074	194.80	4,745	8,541
194.29	4,745	6,121	194.81	4,745	8,588
194.30	4,745	6,169	194.82	4,745	8,636
194.31	4,745	6,216	194.83	4,745	8,683
194.32	4,745	6,263	194.84	4,745	8,731
194.33	4,745	6,311	194.85	4,745	8,778
194.34	4,745	6,358	194.86	4,745	8,826
194.35	4,745	6,406	194.87	4,745	8,873
194.36	4,745	6,453	194.88	4,745	8,921
194.37	4,745	6,501	194.89	4,745	8,968
194.38	4,745	6,548	194.90	4,745	9,016
194.39	4,745	6,596	194.91	4,745	9,063
194.40	4,745	6,643	194.92	4,745	9,110
194.41	4,745	6,690	194.93	4,745	9,158
194.42	4,745	6,738	194.94	4,745	9,205
194.43	4,745	6,785	194.95	4,745	9,253
194.44	4,745	6,833	194.96	4,745	9,300
194.45	4,745	6,880	194.97	4,745	9,348
194.46	4,745	6,928	194.98	4,745	9,395
194.47	4,745	6,975	194.99	4,745	9,443
194.48	4,745	7,023	195.00	4,745	9,490
194.49	4,745	7,070	195.01	4,745	9,537
194.50	4,745	7,118	195.02	4,745	9,585
194.51	4,745	7,165	195.03	4,745	9,632
194.52	4,745	7,212	195.04	4,745	9,680
194.53	4,745	7,260	195.05	4,745	9,727
194.54	4,745	7,307	195.06	4,745	9,775
194.55	4,745	7,355	195.07	4,745	9,822

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.08	4,745	9,870	195.60	4,745	12,337
195.09	4,745	9,917	195.61	4,745	12,384
195.10	4,745	9,964	195.62	4,745	12,432
195.11	4,745	10,012	195.63	4,745	12,479
195.12	4,745	10,059	195.64	4,745	12,527
195.13	4,745	10,107	195.65	4,745	12,574
195.14	4,745	10,154	195.66	4,745	12,622
195.15	4,745	10,202	195.67	4,745	12,669
195.16	4,745	10,249	195.68	4,745	12,717
195.17	4,745	10,297	195.69	4,745	12,764
195.18	4,745	10,344	195.70	4,745	12,811
195.19	4,745	10,392	195.71	4,745	12,859
195.20	4,745	10,439	195.72	4,745	12,906
195.21	4,745	10,486	195.73	4,745	12,954
195.22	4,745	10,534	195.74	4,745	13,001
195.23	4,745	10,581	195.75	4,745	13,049
195.24	4,745	10,629	195.76	4,745	13,096
195.25	4,745	10,676	195.77	4,745	13,144
195.26	4,745	10,724	195.78	4,745	13,191
195.27	4,745	10,771	195.79	4,745	13,239
195.28	4,745	10,819	195.80	4,745	13,286
195.29	4,745	10,866	195.81	4,745	13,333
195.30	4,745	10,914	195.82	4,745	13,381
195.31	4,745	10,961	195.83	4,745	13,428
195.32	4,745	11,008	195.84	4,745	13,476
195.33	4,745	11,056	195.85	4,745	13,523
195.34	4,745	11,103	195.86	4,745	13,571
195.35	4,745	11,151	195.87	4,745	13,618
195.36	4,745	11,198	195.88	4,745	13,666
195.37	4,745	11,246	195.89	4,745	13,713
195.38	4,745	11,293	195.90	4,745	13,761
195.39	4,745	11,341	195.91	4,745	13,808
195.40	4,745	11,388	195.92	4,745	13,855
195.41	4,745	11,435	195.93	4,745	13,903
195.42	4,745	11,483	195.94	4,745	13,950
195.43	4,745	11,530	195.95	4,745	13,998
195.44	4,745	11,578	195.96	4,745	14,045
195.45	4,745	11,625	195.97	4,745	14,093
195.46	4,745	11,673	195.98	4,745	14,140
195.47	4,745	11,720	195.99	4,745	14,188
195.48	4,745	11,768	196.00	4,745	14,235
195.49	4,745	11,815			
195.50	4,745	11,863			
195.51	4,745	11,910			
195.52	4,745	11,957			
195.53	4,745	12,005			
195.54	4,745	12,052			
195.55	4,745	12,100			
195.56	4,745	12,147			
195.57	4,745	12,195			
195.58	4,745	12,242			
195.59	4,745	12,290			

Summary for Pond B-32: Basin #32

Inflow Area = 1.346 ac, 28.68% Impervious, Inflow Depth = 2.10" for Future 2 yr event
 Inflow = 2.73 cfs @ 12.09 hrs, Volume= 0.235 af
 Outflow = 1.15 cfs @ 12.34 hrs, Volume= 0.196 af, Atten= 58%, Lag= 15.5 min
 Primary = 1.15 cfs @ 12.34 hrs, Volume= 0.196 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.71' @ 12.34 hrs Surf.Area= 5,735 sf Storage= 4,056 cf

Plug-Flow detention time= 176.9 min calculated for 0.196 af (83% of inflow)
 Center-of-Mass det. time= 100.7 min (904.7 - 804.0)

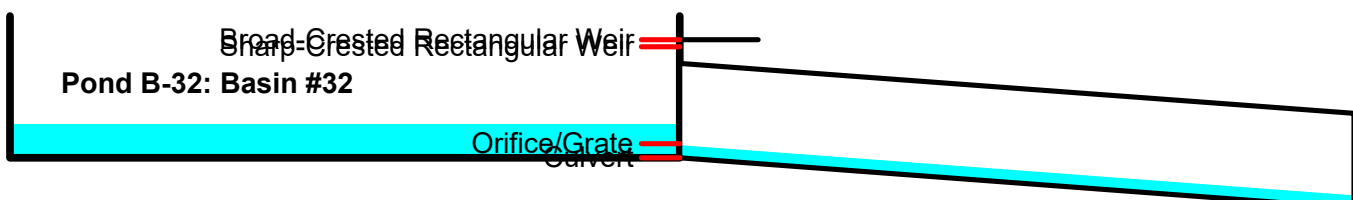
Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	17,205 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	5,735	0	0
196.00	5,735	5,735	5,735
197.00	5,735	5,735	11,470
198.00	5,735	5,735	17,205

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	24.0" Round Culvert L= 43.0' Ke= 0.500 Inlet / Outlet Invert= 195.00' / 193.94' S= 0.0247 ' S= 0.0247 ' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	195.30'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.35'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

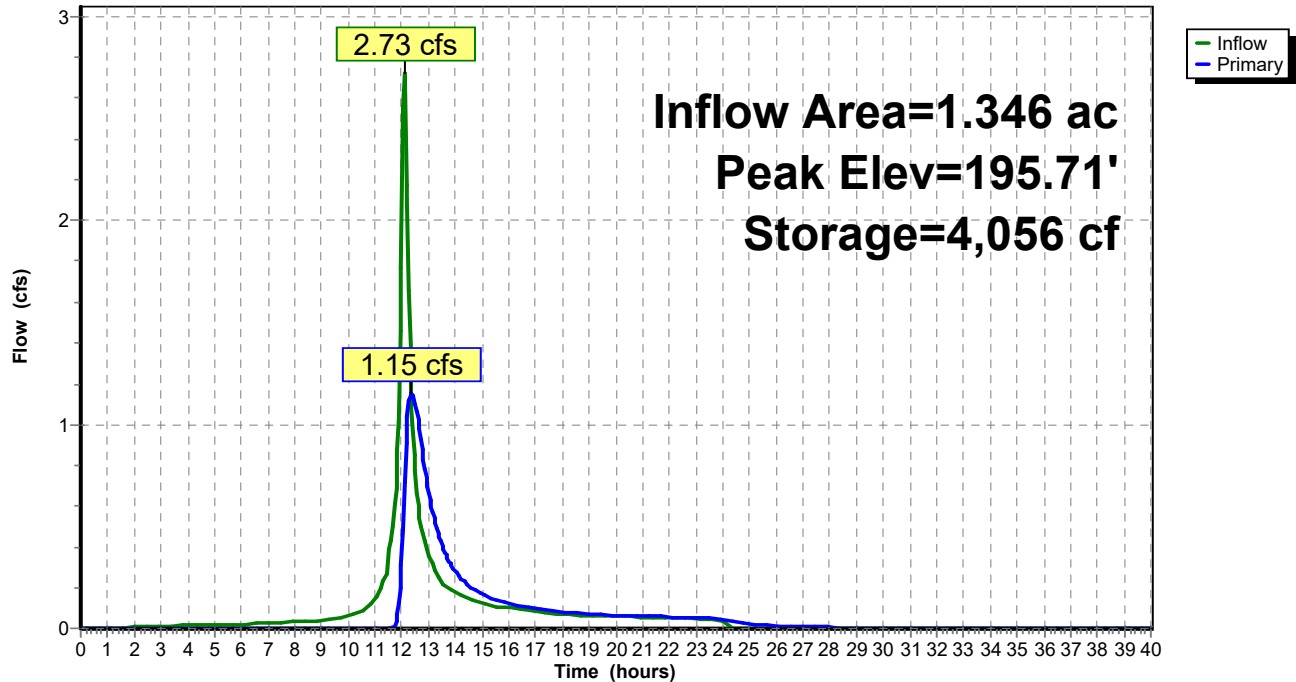
Primary OutFlow Max=1.15 cfs @ 12.34 hrs HW=195.71' (Free Discharge)

- 1=Culvert (Passes 1.15 cfs of 2.84 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.15 cfs @ 2.31 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-32: Basin #32

Hydrograph



Hydrograph for Pond B-32: Basin #32

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	0	195.00	0.00
0.90	0.00	0	195.00	0.00
1.00	0.00	0	195.00	0.00
1.10	0.00	0	195.00	0.00
1.20	0.00	1	195.00	0.00
1.30	0.00	1	195.00	0.00
1.40	0.00	2	195.00	0.00
1.50	0.00	3	195.00	0.00
1.60	0.00	4	195.00	0.00
1.70	0.00	6	195.00	0.00
1.80	0.00	8	195.00	0.00
1.90	0.01	10	195.00	0.00
2.00	0.01	12	195.00	0.00
2.10	0.01	14	195.00	0.00
2.20	0.01	16	195.00	0.00
2.30	0.01	19	195.00	0.00
2.40	0.01	22	195.00	0.00
2.50	0.01	25	195.00	0.00
2.60	0.01	28	195.00	0.00
2.70	0.01	31	195.01	0.00
2.80	0.01	34	195.01	0.00
2.90	0.01	38	195.01	0.00
3.00	0.01	42	195.01	0.00
3.10	0.01	46	195.01	0.00
3.20	0.01	50	195.01	0.00
3.30	0.01	54	195.01	0.00
3.40	0.01	58	195.01	0.00
3.50	0.01	62	195.01	0.00
3.60	0.01	67	195.01	0.00
3.70	0.01	71	195.01	0.00
3.80	0.01	76	195.01	0.00
3.90	0.01	81	195.01	0.00
4.00	0.01	86	195.02	0.00
4.10	0.01	91	195.02	0.00
4.20	0.01	96	195.02	0.00
4.30	0.02	102	195.02	0.00
4.40	0.02	107	195.02	0.00
4.50	0.02	113	195.02	0.00
4.60	0.02	118	195.02	0.00
4.70	0.02	124	195.02	0.00
4.80	0.02	130	195.02	0.00
4.90	0.02	136	195.02	0.00
5.00	0.02	142	195.02	0.00
5.10	0.02	148	195.03	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	154	195.03	0.00
5.30	0.02	161	195.03	0.00
5.40	0.02	167	195.03	0.00
5.50	0.02	174	195.03	0.00
5.60	0.02	180	195.03	0.00
5.70	0.02	187	195.03	0.00
5.80	0.02	194	195.03	0.00
5.90	0.02	201	195.04	0.00
6.00	0.02	208	195.04	0.00
6.10	0.02	215	195.04	0.00
6.20	0.02	223	195.04	0.00
6.30	0.02	230	195.04	0.00
6.40	0.02	238	195.04	0.00
6.50	0.02	246	195.04	0.00
6.60	0.02	254	195.04	0.00
6.70	0.02	263	195.05	0.00
6.80	0.02	272	195.05	0.00
6.90	0.03	281	195.05	0.00
7.00	0.03	290	195.05	0.00
7.10	0.03	299	195.05	0.00
7.20	0.03	309	195.05	0.00
7.30	0.03	319	195.06	0.00
7.40	0.03	329	195.06	0.00
7.50	0.03	339	195.06	0.00
7.60	0.03	350	195.06	0.00
7.70	0.03	361	195.06	0.00
7.80	0.03	372	195.06	0.00
7.90	0.03	383	195.07	0.00
8.00	0.03	395	195.07	0.00
8.10	0.03	407	195.07	0.00
8.20	0.03	419	195.07	0.00
8.30	0.03	431	195.08	0.00
8.40	0.03	443	195.08	0.00
8.50	0.04	456	195.08	0.00
8.60	0.04	469	195.08	0.00
8.70	0.04	482	195.08	0.00
8.80	0.04	495	195.09	0.00
8.90	0.04	509	195.09	0.00
9.00	0.04	523	195.09	0.00
9.10	0.04	538	195.09	0.00
9.20	0.04	553	195.10	0.00
9.30	0.05	569	195.10	0.00
9.40	0.05	586	195.10	0.00
9.50	0.05	604	195.11	0.00
9.60	0.05	622	195.11	0.00
9.70	0.05	642	195.11	0.00
9.80	0.06	662	195.12	0.00
9.90	0.06	683	195.12	0.00
10.00	0.06	705	195.12	0.00
10.10	0.06	727	195.13	0.00
10.20	0.07	751	195.13	0.00
10.30	0.07	776	195.14	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.07	802	195.14	0.00
10.50	0.08	830	195.14	0.00
10.60	0.09	861	195.15	0.00
10.70	0.10	896	195.16	0.00
10.80	0.12	936	195.16	0.00
10.90	0.13	980	195.17	0.00
11.00	0.14	1,029	195.18	0.00
11.10	0.17	1,086	195.19	0.00
11.20	0.19	1,151	195.20	0.00
11.30	0.22	1,226	195.21	0.00
11.40	0.25	1,311	195.23	0.00
11.50	0.29	1,407	195.25	0.00
11.60	0.41	1,540	195.27	0.00
11.70	0.50	1,703	195.30	0.00
11.80	0.69	1,916	195.33	0.03
11.90	1.03	2,200	195.38	0.12
12.00	1.78	2,643	195.46	0.31
12.10	2.70	3,326	195.58	0.71
12.20	2.11	3,827	195.67	1.04
12.30	1.36	4,042	195.70	1.15
12.40	0.96	4,034	195.70	1.14
12.50	0.78	3,940	195.69	1.10
12.60	0.60	3,800	195.66	1.03
12.70	0.50	3,643	195.64	0.93
12.80	0.44	3,494	195.61	0.83
12.90	0.40	3,363	195.59	0.74
13.00	0.36	3,248	195.57	0.66
13.10	0.32	3,144	195.55	0.60
13.20	0.30	3,051	195.53	0.54
13.30	0.27	2,968	195.52	0.49
13.40	0.25	2,893	195.50	0.45
13.50	0.23	2,825	195.49	0.41
13.60	0.21	2,763	195.48	0.37
13.70	0.20	2,707	195.47	0.34
13.80	0.19	2,656	195.46	0.32
13.90	0.18	2,613	195.46	0.30
14.00	0.18	2,574	195.45	0.28
14.10	0.17	2,540	195.44	0.26
14.20	0.17	2,510	195.44	0.25
14.30	0.16	2,482	195.43	0.23
14.40	0.15	2,456	195.43	0.22
14.50	0.15	2,433	195.42	0.21
14.60	0.14	2,411	195.42	0.20
14.70	0.14	2,391	195.42	0.19
14.80	0.13	2,371	195.41	0.18
14.90	0.13	2,353	195.41	0.18
15.00	0.12	2,334	195.41	0.17
15.10	0.12	2,317	195.40	0.16
15.20	0.11	2,300	195.40	0.16
15.30	0.11	2,285	195.40	0.15
15.40	0.11	2,271	195.40	0.14
15.50	0.11	2,259	195.39	0.14

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.11	2,248	195.39	0.13
15.70	0.10	2,238	195.39	0.13
15.80	0.10	2,228	195.39	0.13
15.90	0.10	2,219	195.39	0.12
16.00	0.10	2,211	195.39	0.12
16.10	0.10	2,203	195.38	0.12
16.20	0.10	2,196	195.38	0.12
16.30	0.09	2,189	195.38	0.11
16.40	0.09	2,182	195.38	0.11
16.50	0.09	2,176	195.38	0.11
16.60	0.09	2,170	195.38	0.11
16.70	0.09	2,164	195.38	0.10
16.80	0.09	2,158	195.38	0.10
16.90	0.09	2,152	195.38	0.10
17.00	0.08	2,146	195.37	0.10
17.10	0.08	2,141	195.37	0.10
17.20	0.08	2,136	195.37	0.10
17.30	0.08	2,130	195.37	0.09
17.40	0.08	2,125	195.37	0.09
17.50	0.08	2,120	195.37	0.09
17.60	0.07	2,115	195.37	0.09
17.70	0.07	2,110	195.37	0.09
17.80	0.07	2,105	195.37	0.08
17.90	0.07	2,101	195.37	0.08
18.00	0.07	2,096	195.37	0.08
18.10	0.07	2,091	195.36	0.08
18.20	0.07	2,086	195.36	0.08
18.30	0.07	2,082	195.36	0.08
18.40	0.06	2,078	195.36	0.08
18.50	0.06	2,074	195.36	0.07
18.60	0.06	2,071	195.36	0.07
18.70	0.06	2,068	195.36	0.07
18.80	0.06	2,065	195.36	0.07
18.90	0.06	2,062	195.36	0.07
19.00	0.06	2,060	195.36	0.07
19.10	0.06	2,057	195.36	0.07
19.20	0.06	2,055	195.36	0.07
19.30	0.06	2,053	195.36	0.07
19.40	0.06	2,050	195.36	0.07
19.50	0.06	2,048	195.36	0.07
19.60	0.06	2,046	195.36	0.07
19.70	0.06	2,044	195.36	0.07
19.80	0.06	2,042	195.36	0.06
19.90	0.06	2,041	195.36	0.06
20.00	0.06	2,039	195.36	0.06
20.10	0.06	2,037	195.36	0.06
20.20	0.06	2,035	195.35	0.06
20.30	0.06	2,033	195.35	0.06
20.40	0.06	2,032	195.35	0.06
20.50	0.06	2,030	195.35	0.06
20.60	0.06	2,028	195.35	0.06
20.70	0.06	2,027	195.35	0.06

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.06	2,025	195.35	0.06
20.90	0.06	2,023	195.35	0.06
21.00	0.05	2,022	195.35	0.06
21.10	0.05	2,020	195.35	0.06
21.20	0.05	2,018	195.35	0.06
21.30	0.05	2,017	195.35	0.06
21.40	0.05	2,015	195.35	0.06
21.50	0.05	2,014	195.35	0.06
21.60	0.05	2,012	195.35	0.06
21.70	0.05	2,011	195.35	0.06
21.80	0.05	2,009	195.35	0.06
21.90	0.05	2,008	195.35	0.06
22.00	0.05	2,006	195.35	0.06
22.10	0.05	2,005	195.35	0.05
22.20	0.05	2,003	195.35	0.05
22.30	0.05	2,002	195.35	0.05
22.40	0.05	2,000	195.35	0.05
22.50	0.05	1,998	195.35	0.05
22.60	0.05	1,997	195.35	0.05
22.70	0.05	1,996	195.35	0.05
22.80	0.05	1,994	195.35	0.05
22.90	0.05	1,992	195.35	0.05
23.00	0.05	1,991	195.35	0.05
23.10	0.05	1,989	195.35	0.05
23.20	0.05	1,988	195.35	0.05
23.30	0.05	1,986	195.35	0.05
23.40	0.05	1,985	195.35	0.05
23.50	0.05	1,983	195.35	0.05
23.60	0.04	1,982	195.35	0.05
23.70	0.04	1,980	195.35	0.05
23.80	0.04	1,979	195.35	0.05
23.90	0.04	1,977	195.34	0.05
24.00	0.04	1,977	195.34	0.05
24.10	0.02	1,972	195.34	0.05
24.20	0.01	1,961	195.34	0.04
24.30	0.00	1,947	195.34	0.04
24.40	0.00	1,934	195.34	0.04
24.50	0.00	1,921	195.34	0.03
24.60	0.00	1,910	195.33	0.03
24.70	0.00	1,900	195.33	0.03
24.80	0.00	1,891	195.33	0.02
24.90	0.00	1,882	195.33	0.02
25.00	0.00	1,874	195.33	0.02
25.10	0.00	1,866	195.33	0.02
25.20	0.00	1,858	195.32	0.02
25.30	0.00	1,851	195.32	0.02
25.40	0.00	1,845	195.32	0.02
25.50	0.00	1,838	195.32	0.02
25.60	0.00	1,832	195.32	0.02
25.70	0.00	1,827	195.32	0.02
25.80	0.00	1,821	195.32	0.01
25.90	0.00	1,816	195.32	0.01

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,811	195.32	0.01
26.10	0.00	1,807	195.32	0.01
26.20	0.00	1,802	195.31	0.01
26.30	0.00	1,798	195.31	0.01
26.40	0.00	1,794	195.31	0.01
26.50	0.00	1,790	195.31	0.01
26.60	0.00	1,787	195.31	0.01
26.70	0.00	1,783	195.31	0.01
26.80	0.00	1,780	195.31	0.01
26.90	0.00	1,777	195.31	0.01
27.00	0.00	1,774	195.31	0.01
27.10	0.00	1,772	195.31	0.01
27.20	0.00	1,769	195.31	0.01
27.30	0.00	1,766	195.31	0.01
27.40	0.00	1,764	195.31	0.01
27.50	0.00	1,762	195.31	0.01
27.60	0.00	1,760	195.31	0.01
27.70	0.00	1,758	195.31	0.01
27.80	0.00	1,756	195.31	0.01
27.90	0.00	1,754	195.31	0.00
28.00	0.00	1,752	195.31	0.00
28.10	0.00	1,751	195.31	0.00
28.20	0.00	1,749	195.31	0.00
28.30	0.00	1,748	195.30	0.00
28.40	0.00	1,746	195.30	0.00
28.50	0.00	1,745	195.30	0.00
28.60	0.00	1,744	195.30	0.00
28.70	0.00	1,743	195.30	0.00
28.80	0.00	1,741	195.30	0.00
28.90	0.00	1,740	195.30	0.00
29.00	0.00	1,739	195.30	0.00
29.10	0.00	1,738	195.30	0.00
29.20	0.00	1,737	195.30	0.00
29.30	0.00	1,737	195.30	0.00
29.40	0.00	1,736	195.30	0.00
29.50	0.00	1,735	195.30	0.00
29.60	0.00	1,734	195.30	0.00
29.70	0.00	1,734	195.30	0.00
29.80	0.00	1,733	195.30	0.00
29.90	0.00	1,732	195.30	0.00
30.00	0.00	1,732	195.30	0.00
30.10	0.00	1,731	195.30	0.00
30.20	0.00	1,731	195.30	0.00
30.30	0.00	1,730	195.30	0.00
30.40	0.00	1,730	195.30	0.00
30.50	0.00	1,729	195.30	0.00
30.60	0.00	1,729	195.30	0.00
30.70	0.00	1,728	195.30	0.00
30.80	0.00	1,728	195.30	0.00
30.90	0.00	1,727	195.30	0.00
31.00	0.00	1,727	195.30	0.00
31.10	0.00	1,727	195.30	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,726	195.30	0.00
31.30	0.00	1,726	195.30	0.00
31.40	0.00	1,726	195.30	0.00
31.50	0.00	1,726	195.30	0.00
31.60	0.00	1,725	195.30	0.00
31.70	0.00	1,725	195.30	0.00
31.80	0.00	1,725	195.30	0.00
31.90	0.00	1,725	195.30	0.00
32.00	0.00	1,724	195.30	0.00
32.10	0.00	1,724	195.30	0.00
32.20	0.00	1,724	195.30	0.00
32.30	0.00	1,724	195.30	0.00
32.40	0.00	1,724	195.30	0.00
32.50	0.00	1,724	195.30	0.00
32.60	0.00	1,723	195.30	0.00
32.70	0.00	1,723	195.30	0.00
32.80	0.00	1,723	195.30	0.00
32.90	0.00	1,723	195.30	0.00
33.00	0.00	1,723	195.30	0.00
33.10	0.00	1,723	195.30	0.00
33.20	0.00	1,723	195.30	0.00
33.30	0.00	1,722	195.30	0.00
33.40	0.00	1,722	195.30	0.00
33.50	0.00	1,722	195.30	0.00
33.60	0.00	1,722	195.30	0.00
33.70	0.00	1,722	195.30	0.00
33.80	0.00	1,722	195.30	0.00
33.90	0.00	1,722	195.30	0.00
34.00	0.00	1,722	195.30	0.00
34.10	0.00	1,722	195.30	0.00
34.20	0.00	1,722	195.30	0.00
34.30	0.00	1,722	195.30	0.00
34.40	0.00	1,722	195.30	0.00
34.50	0.00	1,722	195.30	0.00
34.60	0.00	1,722	195.30	0.00
34.70	0.00	1,721	195.30	0.00
34.80	0.00	1,721	195.30	0.00
34.90	0.00	1,721	195.30	0.00
35.00	0.00	1,721	195.30	0.00
35.10	0.00	1,721	195.30	0.00
35.20	0.00	1,721	195.30	0.00
35.30	0.00	1,721	195.30	0.00
35.40	0.00	1,721	195.30	0.00
35.50	0.00	1,721	195.30	0.00
35.60	0.00	1,721	195.30	0.00
35.70	0.00	1,721	195.30	0.00
35.80	0.00	1,721	195.30	0.00
35.90	0.00	1,721	195.30	0.00
36.00	0.00	1,721	195.30	0.00
36.10	0.00	1,721	195.30	0.00
36.20	0.00	1,721	195.30	0.00
36.30	0.00	1,721	195.30	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,721	195.30	0.00
36.50	0.00	1,721	195.30	0.00
36.60	0.00	1,721	195.30	0.00
36.70	0.00	1,721	195.30	0.00
36.80	0.00	1,721	195.30	0.00
36.90	0.00	1,721	195.30	0.00
37.00	0.00	1,721	195.30	0.00
37.10	0.00	1,721	195.30	0.00
37.20	0.00	1,721	195.30	0.00
37.30	0.00	1,721	195.30	0.00
37.40	0.00	1,721	195.30	0.00
37.50	0.00	1,721	195.30	0.00
37.60	0.00	1,721	195.30	0.00
37.70	0.00	1,721	195.30	0.00
37.80	0.00	1,721	195.30	0.00
37.90	0.00	1,721	195.30	0.00
38.00	0.00	1,721	195.30	0.00
38.10	0.00	1,721	195.30	0.00
38.20	0.00	1,721	195.30	0.00
38.30	0.00	1,721	195.30	0.00
38.40	0.00	1,721	195.30	0.00
38.50	0.00	1,721	195.30	0.00
38.60	0.00	1,721	195.30	0.00
38.70	0.00	1,721	195.30	0.00
38.80	0.00	1,721	195.30	0.00
38.90	0.00	1,721	195.30	0.00
39.00	0.00	1,721	195.30	0.00
39.10	0.00	1,721	195.30	0.00
39.20	0.00	1,721	195.30	0.00
39.30	0.00	1,721	195.30	0.00
39.40	0.00	1,721	195.30	0.00
39.50	0.00	1,721	195.30	0.00
39.60	0.00	1,721	195.30	0.00
39.70	0.00	1,721	195.30	0.00
39.80	0.00	1,721	195.30	0.00
39.90	0.00	1,721	195.30	0.00
40.00	0.00	1,721	195.30	0.00

Stage-Discharge for Pond B-32: Basin #32

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.50	196.04	1.82	196.56	2.51
195.01	0.00	195.53	0.53	196.05	1.83	196.57	2.53
195.02	0.00	195.54	0.57	196.06	1.85	196.58	2.54
195.03	0.00	195.55	0.60	196.07	1.86	196.59	2.55
195.04	0.00	195.56	0.64	196.08	1.88	196.60	2.56
195.05	0.00	195.57	0.68	196.09	1.90	196.61	2.57
195.06	0.00	195.58	0.71	196.10	1.91	196.62	2.58
195.07	0.00	195.59	0.75	196.11	1.93	196.63	2.59
195.08	0.00	195.60	0.79	196.12	1.94	196.64	2.61
195.09	0.00	195.61	0.83	196.13	1.96	196.65	2.62
195.10	0.00	195.62	0.87	196.14	1.97	196.66	2.63
195.11	0.00	195.63	0.91	196.15	1.99	196.67	2.64
195.12	0.00	195.64	0.95	196.16	2.00	196.68	2.65
195.13	0.00	195.65	0.99	196.17	2.01	196.69	2.66
195.14	0.00	195.66	1.02	196.18	2.03	196.70	2.67
195.15	0.00	195.67	1.05	196.19	2.04	196.71	2.68
195.16	0.00	195.68	1.08	196.20	2.06	196.72	2.69
195.17	0.00	195.69	1.11	196.21	2.07	196.73	2.70
195.18	0.00	195.70	1.14	196.22	2.09	196.74	2.71
195.19	0.00	195.71	1.16	196.23	2.10	196.75	2.73
195.20	0.00	195.72	1.19	196.24	2.11	196.76	2.74
195.21	0.00	195.73	1.21	196.25	2.13	196.77	2.75
195.22	0.00	195.74	1.24	196.26	2.14	196.78	2.76
195.23	0.00	195.75	1.26	196.27	2.15	196.79	2.77
195.24	0.00	195.76	1.29	196.28	2.17	196.80	2.78
195.25	0.00	195.77	1.31	196.29	2.18	196.81	2.79
195.26	0.00	195.78	1.33	196.30	2.19	196.82	2.80
195.27	0.00	195.79	1.35	196.31	2.21	196.83	2.81
195.28	0.00	195.80	1.37	196.32	2.22	196.84	2.82
195.29	0.00	195.81	1.40	196.33	2.23	196.85	2.83
195.30	0.00	195.82	1.42	196.34	2.25	196.86	2.84
195.31	0.00	195.83	1.44	196.35	2.26	196.87	2.85
195.32	0.01	195.84	1.46	196.36	2.27	196.88	2.86
195.33	0.03	195.85	1.48	196.37	2.28	196.89	2.87
195.34	0.04	195.86	1.50	196.38	2.30	196.90	2.88
195.35	0.05	195.87	1.52	196.39	2.31	196.91	2.89
195.36	0.07	195.88	1.54	196.40	2.32	196.92	2.90
195.37	0.09	195.89	1.56	196.41	2.34	196.93	2.91
195.38	0.11	195.90	1.57	196.42	2.35	196.94	2.92
195.39	0.13	195.91	1.59	196.43	2.36	196.95	2.93
195.40	0.15	195.92	1.61	196.44	2.37	196.96	2.94
195.41	0.18	195.93	1.63	196.45	2.38	196.97	2.95
195.42	0.20	195.94	1.65	196.46	2.40	196.98	2.96
195.43	0.23	195.95	1.67	196.47	2.41	196.99	2.97
195.44	0.25	195.96	1.68	196.48	2.42	197.00	2.98
195.45	0.28	195.97	1.70	196.49	2.43	197.01	2.99
195.46	0.31	195.98	1.72	196.50	2.44	197.02	3.00
195.47	0.34	195.99	1.73	196.51	2.46	197.03	3.01
195.48	0.37	196.00	1.75	196.52	2.47	197.04	3.02
195.49	0.40	196.01	1.77	196.53	2.48	197.05	3.03
195.50	0.43	196.02	1.78	196.54	2.49	197.06	3.04
195.51	0.46	196.03	1.80	196.55	2.50	197.07	3.05

Stage-Discharge for Pond B-32: Basin #32 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	3.06	197.60	8.85
197.09	3.07	197.61	9.53
197.10	3.08	197.62	10.23
197.11	3.08	197.63	10.97
197.12	3.09	197.64	11.73
197.13	3.10	197.65	12.52
197.14	3.11	197.66	13.33
197.15	3.12	197.67	14.17
197.16	3.13	197.68	15.03
197.17	3.14	197.69	15.92
197.18	3.15	197.70	16.82
197.19	3.16	197.71	17.79
197.20	3.17	197.72	18.79
197.21	3.18	197.73	19.81
197.22	3.19	197.74	20.86
197.23	3.20	197.75	21.93
197.24	3.20	197.76	23.04
197.25	3.21	197.77	24.16
197.26	3.22	197.78	25.32
197.27	3.23	197.79	26.50
197.28	3.24	197.80	27.70
197.29	3.25	197.81	28.94
197.30	3.26	197.82	30.19
197.31	3.27	197.83	31.48
197.32	3.28	197.84	32.79
197.33	3.29	197.85	34.12
197.34	3.29	197.86	35.48
197.35	3.30	197.87	36.87
197.36	3.32	197.88	38.28
197.37	3.36	197.89	39.71
197.38	3.40	197.90	41.17
197.39	3.44	197.91	42.69
197.40	3.49	197.92	44.23
197.41	3.55	197.93	45.79
197.42	3.61	197.94	47.39
197.43	3.67	197.95	49.01
197.44	3.73	197.96	50.66
197.45	3.80	197.97	52.33
197.46	3.87	197.98	54.04
197.47	3.95	197.99	55.77
197.48	4.02	198.00	57.53
197.49	4.10		
197.50	4.19		
197.51	4.39		
197.52	4.69		
197.53	5.06		
197.54	5.48		
197.55	5.94		
197.56	6.45		
197.57	7.00		
197.58	7.58		
197.59	8.20		

Stage-Area-Storage for Pond B-32: Basin #32

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	5,735	0	195.52	5,735	2,982
195.01	5,735	57	195.53	5,735	3,040
195.02	5,735	115	195.54	5,735	3,097
195.03	5,735	172	195.55	5,735	3,154
195.04	5,735	229	195.56	5,735	3,212
195.05	5,735	287	195.57	5,735	3,269
195.06	5,735	344	195.58	5,735	3,326
195.07	5,735	401	195.59	5,735	3,384
195.08	5,735	459	195.60	5,735	3,441
195.09	5,735	516	195.61	5,735	3,498
195.10	5,735	573	195.62	5,735	3,556
195.11	5,735	631	195.63	5,735	3,613
195.12	5,735	688	195.64	5,735	3,670
195.13	5,735	746	195.65	5,735	3,728
195.14	5,735	803	195.66	5,735	3,785
195.15	5,735	860	195.67	5,735	3,842
195.16	5,735	918	195.68	5,735	3,900
195.17	5,735	975	195.69	5,735	3,957
195.18	5,735	1,032	195.70	5,735	4,014
195.19	5,735	1,090	195.71	5,735	4,072
195.20	5,735	1,147	195.72	5,735	4,129
195.21	5,735	1,204	195.73	5,735	4,187
195.22	5,735	1,262	195.74	5,735	4,244
195.23	5,735	1,319	195.75	5,735	4,301
195.24	5,735	1,376	195.76	5,735	4,359
195.25	5,735	1,434	195.77	5,735	4,416
195.26	5,735	1,491	195.78	5,735	4,473
195.27	5,735	1,548	195.79	5,735	4,531
195.28	5,735	1,606	195.80	5,735	4,588
195.29	5,735	1,663	195.81	5,735	4,645
195.30	5,735	1,721	195.82	5,735	4,703
195.31	5,735	1,778	195.83	5,735	4,760
195.32	5,735	1,835	195.84	5,735	4,817
195.33	5,735	1,893	195.85	5,735	4,875
195.34	5,735	1,950	195.86	5,735	4,932
195.35	5,735	2,007	195.87	5,735	4,989
195.36	5,735	2,065	195.88	5,735	5,047
195.37	5,735	2,122	195.89	5,735	5,104
195.38	5,735	2,179	195.90	5,735	5,162
195.39	5,735	2,237	195.91	5,735	5,219
195.40	5,735	2,294	195.92	5,735	5,276
195.41	5,735	2,351	195.93	5,735	5,334
195.42	5,735	2,409	195.94	5,735	5,391
195.43	5,735	2,466	195.95	5,735	5,448
195.44	5,735	2,523	195.96	5,735	5,506
195.45	5,735	2,581	195.97	5,735	5,563
195.46	5,735	2,638	195.98	5,735	5,620
195.47	5,735	2,695	195.99	5,735	5,678
195.48	5,735	2,753	196.00	5,735	5,735
195.49	5,735	2,810	196.01	5,735	5,792
195.50	5,735	2,868	196.02	5,735	5,850
195.51	5,735	2,925	196.03	5,735	5,907

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	5,735	5,964	196.56	5,735	8,947
196.05	5,735	6,022	196.57	5,735	9,004
196.06	5,735	6,079	196.58	5,735	9,061
196.07	5,735	6,136	196.59	5,735	9,119
196.08	5,735	6,194	196.60	5,735	9,176
196.09	5,735	6,251	196.61	5,735	9,233
196.10	5,735	6,308	196.62	5,735	9,291
196.11	5,735	6,366	196.63	5,735	9,348
196.12	5,735	6,423	196.64	5,735	9,405
196.13	5,735	6,481	196.65	5,735	9,463
196.14	5,735	6,538	196.66	5,735	9,520
196.15	5,735	6,595	196.67	5,735	9,577
196.16	5,735	6,653	196.68	5,735	9,635
196.17	5,735	6,710	196.69	5,735	9,692
196.18	5,735	6,767	196.70	5,735	9,749
196.19	5,735	6,825	196.71	5,735	9,807
196.20	5,735	6,882	196.72	5,735	9,864
196.21	5,735	6,939	196.73	5,735	9,922
196.22	5,735	6,997	196.74	5,735	9,979
196.23	5,735	7,054	196.75	5,735	10,036
196.24	5,735	7,111	196.76	5,735	10,094
196.25	5,735	7,169	196.77	5,735	10,151
196.26	5,735	7,226	196.78	5,735	10,208
196.27	5,735	7,283	196.79	5,735	10,266
196.28	5,735	7,341	196.80	5,735	10,323
196.29	5,735	7,398	196.81	5,735	10,380
196.30	5,735	7,456	196.82	5,735	10,438
196.31	5,735	7,513	196.83	5,735	10,495
196.32	5,735	7,570	196.84	5,735	10,552
196.33	5,735	7,628	196.85	5,735	10,610
196.34	5,735	7,685	196.86	5,735	10,667
196.35	5,735	7,742	196.87	5,735	10,724
196.36	5,735	7,800	196.88	5,735	10,782
196.37	5,735	7,857	196.89	5,735	10,839
196.38	5,735	7,914	196.90	5,735	10,897
196.39	5,735	7,972	196.91	5,735	10,954
196.40	5,735	8,029	196.92	5,735	11,011
196.41	5,735	8,086	196.93	5,735	11,069
196.42	5,735	8,144	196.94	5,735	11,126
196.43	5,735	8,201	196.95	5,735	11,183
196.44	5,735	8,258	196.96	5,735	11,241
196.45	5,735	8,316	196.97	5,735	11,298
196.46	5,735	8,373	196.98	5,735	11,355
196.47	5,735	8,430	196.99	5,735	11,413
196.48	5,735	8,488	197.00	5,735	11,470
196.49	5,735	8,545	197.01	5,735	11,527
196.50	5,735	8,603	197.02	5,735	11,585
196.51	5,735	8,660	197.03	5,735	11,642
196.52	5,735	8,717	197.04	5,735	11,699
196.53	5,735	8,775	197.05	5,735	11,757
196.54	5,735	8,832	197.06	5,735	11,814
196.55	5,735	8,889	197.07	5,735	11,871

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	5,735	11,929	197.60	5,735	14,911
197.09	5,735	11,986	197.61	5,735	14,968
197.10	5,735	12,043	197.62	5,735	15,026
197.11	5,735	12,101	197.63	5,735	15,083
197.12	5,735	12,158	197.64	5,735	15,140
197.13	5,735	12,216	197.65	5,735	15,198
197.14	5,735	12,273	197.66	5,735	15,255
197.15	5,735	12,330	197.67	5,735	15,312
197.16	5,735	12,388	197.68	5,735	15,370
197.17	5,735	12,445	197.69	5,735	15,427
197.18	5,735	12,502	197.70	5,735	15,484
197.19	5,735	12,560	197.71	5,735	15,542
197.20	5,735	12,617	197.72	5,735	15,599
197.21	5,735	12,674	197.73	5,735	15,657
197.22	5,735	12,732	197.74	5,735	15,714
197.23	5,735	12,789	197.75	5,735	15,771
197.24	5,735	12,846	197.76	5,735	15,829
197.25	5,735	12,904	197.77	5,735	15,886
197.26	5,735	12,961	197.78	5,735	15,943
197.27	5,735	13,018	197.79	5,735	16,001
197.28	5,735	13,076	197.80	5,735	16,058
197.29	5,735	13,133	197.81	5,735	16,115
197.30	5,735	13,191	197.82	5,735	16,173
197.31	5,735	13,248	197.83	5,735	16,230
197.32	5,735	13,305	197.84	5,735	16,287
197.33	5,735	13,363	197.85	5,735	16,345
197.34	5,735	13,420	197.86	5,735	16,402
197.35	5,735	13,477	197.87	5,735	16,459
197.36	5,735	13,535	197.88	5,735	16,517
197.37	5,735	13,592	197.89	5,735	16,574
197.38	5,735	13,649	197.90	5,735	16,632
197.39	5,735	13,707	197.91	5,735	16,689
197.40	5,735	13,764	197.92	5,735	16,746
197.41	5,735	13,821	197.93	5,735	16,804
197.42	5,735	13,879	197.94	5,735	16,861
197.43	5,735	13,936	197.95	5,735	16,918
197.44	5,735	13,993	197.96	5,735	16,976
197.45	5,735	14,051	197.97	5,735	17,033
197.46	5,735	14,108	197.98	5,735	17,090
197.47	5,735	14,165	197.99	5,735	17,148
197.48	5,735	14,223	198.00	5,735	17,205
197.49	5,735	14,280			
197.50	5,735	14,338			
197.51	5,735	14,395			
197.52	5,735	14,452			
197.53	5,735	14,510			
197.54	5,735	14,567			
197.55	5,735	14,624			
197.56	5,735	14,682			
197.57	5,735	14,739			
197.58	5,735	14,796			
197.59	5,735	14,854			

Summary for Pond B-33: Basin #33

Inflow Area = 1.761 ac, 50.99% Impervious, Inflow Depth = 2.57" for Future 2 yr event
 Inflow = 5.54 cfs @ 12.09 hrs, Volume= 0.378 af
 Outflow = 0.81 cfs @ 12.58 hrs, Volume= 0.292 af, Atten= 85%, Lag= 29.4 min
 Primary = 0.81 cfs @ 12.58 hrs, Volume= 0.292 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 188.64' @ 12.58 hrs Surf.Area= 5,432 sf Storage= 8,906 cf

Plug-Flow detention time= 268.6 min calculated for 0.292 af (77% of inflow)
 Center-of-Mass det. time= 180.2 min (960.1 - 779.9)

Volume	Invert	Avail.Storage	Storage Description
#1	187.00'	21,728 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
187.00	5,432	0	0
188.00	5,432	5,432	5,432
189.00	5,432	5,432	10,864
190.00	5,432	5,432	16,296
191.00	5,432	5,432	21,728

Device	Routing	Invert	Outlet Devices
#1	Primary	184.00'	18.0" Round Culvert L= 104.0' Ke= 0.500 Inlet / Outlet Invert= 184.00' / 182.00' S= 0.0192 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	187.66'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	188.64'	20.0" W x 7.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	190.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	190.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.81 cfs @ 12.58 hrs HW=188.64' (Free Discharge)

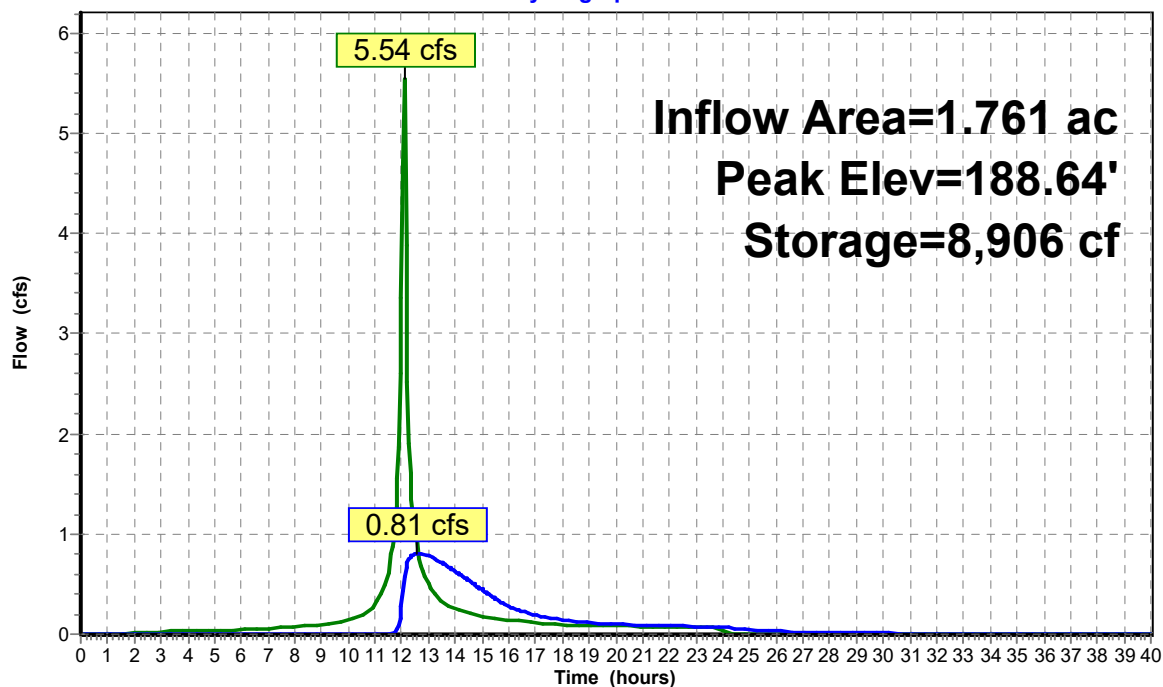
1=Culvert (Passes 0.81 cfs of 16.78 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.81 cfs @ 4.11 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-33: Basin #33

Culvert

Pond B-33: Basin #33

Hydrograph



Hydrograph for Pond B-33: Basin #33

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	187.00	0.00
0.10	0.00	0	187.00	0.00
0.20	0.00	0	187.00	0.00
0.30	0.00	0	187.00	0.00
0.40	0.00	0	187.00	0.00
0.50	0.00	0	187.00	0.00
0.60	0.00	0	187.00	0.00
0.70	0.00	0	187.00	0.00
0.80	0.00	0	187.00	0.00
0.90	0.00	0	187.00	0.00
1.00	0.00	0	187.00	0.00
1.10	0.00	0	187.00	0.00
1.20	0.00	1	187.00	0.00
1.30	0.00	2	187.00	0.00
1.40	0.01	4	187.00	0.00
1.50	0.01	6	187.00	0.00
1.60	0.01	9	187.00	0.00
1.70	0.01	12	187.00	0.00
1.80	0.01	16	187.00	0.00
1.90	0.01	20	187.00	0.00
2.00	0.01	24	187.00	0.00
2.10	0.01	30	187.01	0.00
2.20	0.02	35	187.01	0.00
2.30	0.02	41	187.01	0.00
2.40	0.02	47	187.01	0.00
2.50	0.02	54	187.01	0.00
2.60	0.02	61	187.01	0.00
2.70	0.02	68	187.01	0.00
2.80	0.02	76	187.01	0.00
2.90	0.02	84	187.02	0.00
3.00	0.02	92	187.02	0.00
3.10	0.02	101	187.02	0.00
3.20	0.03	110	187.02	0.00
3.30	0.03	120	187.02	0.00
3.40	0.03	129	187.02	0.00
3.50	0.03	140	187.03	0.00
3.60	0.03	150	187.03	0.00
3.70	0.03	160	187.03	0.00
3.80	0.03	171	187.03	0.00
3.90	0.03	183	187.03	0.00
4.00	0.03	194	187.04	0.00
4.10	0.03	206	187.04	0.00
4.20	0.03	218	187.04	0.00
4.30	0.03	230	187.04	0.00
4.40	0.04	243	187.04	0.00
4.50	0.04	255	187.05	0.00
4.60	0.04	268	187.05	0.00
4.70	0.04	282	187.05	0.00
4.80	0.04	295	187.05	0.00
4.90	0.04	309	187.06	0.00
5.00	0.04	323	187.06	0.00
5.10	0.04	337	187.06	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	352	187.06	0.00
5.30	0.04	366	187.07	0.00
5.40	0.04	381	187.07	0.00
5.50	0.04	396	187.07	0.00
5.60	0.04	412	187.08	0.00
5.70	0.04	427	187.08	0.00
5.80	0.04	443	187.08	0.00
5.90	0.04	459	187.08	0.00
6.00	0.05	475	187.09	0.00
6.10	0.05	492	187.09	0.00
6.20	0.05	509	187.09	0.00
6.30	0.05	526	187.10	0.00
6.40	0.05	544	187.10	0.00
6.50	0.05	563	187.10	0.00
6.60	0.05	582	187.11	0.00
6.70	0.06	601	187.11	0.00
6.80	0.06	621	187.11	0.00
6.90	0.06	642	187.12	0.00
7.00	0.06	663	187.12	0.00
7.10	0.06	685	187.13	0.00
7.20	0.06	707	187.13	0.00
7.30	0.06	730	187.13	0.00
7.40	0.07	753	187.14	0.00
7.50	0.07	777	187.14	0.00
7.60	0.07	801	187.15	0.00
7.70	0.07	826	187.15	0.00
7.80	0.07	852	187.16	0.00
7.90	0.07	878	187.16	0.00
8.00	0.07	904	187.17	0.00
8.10	0.08	931	187.17	0.00
8.20	0.08	959	187.18	0.00
8.30	0.08	987	187.18	0.00
8.40	0.08	1,016	187.19	0.00
8.50	0.08	1,045	187.19	0.00
8.60	0.08	1,075	187.20	0.00
8.70	0.09	1,105	187.20	0.00
8.80	0.09	1,136	187.21	0.00
8.90	0.09	1,168	187.21	0.00
9.00	0.09	1,200	187.22	0.00
9.10	0.09	1,233	187.23	0.00
9.20	0.10	1,267	187.23	0.00
9.30	0.10	1,304	187.24	0.00
9.40	0.11	1,343	187.25	0.00
9.50	0.11	1,383	187.25	0.00
9.60	0.12	1,425	187.26	0.00
9.70	0.12	1,469	187.27	0.00
9.80	0.13	1,515	187.28	0.00
9.90	0.14	1,563	187.29	0.00
10.00	0.14	1,612	187.30	0.00
10.10	0.15	1,664	187.31	0.00
10.20	0.15	1,718	187.32	0.00
10.30	0.16	1,775	187.33	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,834	187.34	0.00
10.50	0.18	1,896	187.35	0.00
10.60	0.20	1,962	187.36	0.00
10.70	0.22	2,037	187.37	0.00
10.80	0.24	2,120	187.39	0.00
10.90	0.27	2,212	187.41	0.00
11.00	0.29	2,313	187.43	0.00
11.10	0.34	2,426	187.45	0.00
11.20	0.38	2,556	187.47	0.00
11.30	0.43	2,703	187.50	0.00
11.40	0.48	2,869	187.53	0.00
11.50	0.54	3,052	187.56	0.00
11.60	0.81	3,294	187.61	0.00
11.70	0.92	3,607	187.66	0.00
11.80	1.27	3,997	187.74	0.02
11.90	1.87	4,542	187.84	0.09
12.00	3.35	5,417	188.00	0.28
12.10	5.50	6,907	188.27	0.57
12.20	2.52	8,090	188.49	0.72
12.30	1.61	8,536	188.57	0.77
12.40	1.19	8,750	188.61	0.79
12.50	1.08	8,871	188.63	0.80
12.60	0.75	8,905	188.64	0.81
12.70	0.67	8,869	188.63	0.80
12.80	0.62	8,813	188.62	0.80
12.90	0.56	8,738	188.61	0.79
13.00	0.50	8,646	188.59	0.78
13.10	0.45	8,537	188.57	0.77
13.20	0.41	8,416	188.55	0.76
13.30	0.38	8,289	188.53	0.74
13.40	0.35	8,155	188.50	0.73
13.50	0.32	8,015	188.48	0.71
13.60	0.29	7,871	188.45	0.69
13.70	0.28	7,725	188.42	0.68
13.80	0.27	7,583	188.40	0.66
13.90	0.26	7,444	188.37	0.64
14.00	0.25	7,308	188.35	0.62
14.10	0.24	7,176	188.32	0.61
14.20	0.24	7,047	188.30	0.59
14.30	0.23	6,922	188.27	0.57
14.40	0.22	6,800	188.25	0.55
14.50	0.21	6,682	188.23	0.53
14.60	0.20	6,567	188.21	0.52
14.70	0.19	6,455	188.19	0.50
14.80	0.19	6,347	188.17	0.48
14.90	0.18	6,243	188.15	0.46
15.00	0.17	6,141	188.13	0.45
15.10	0.16	6,043	188.11	0.43
15.20	0.16	5,950	188.10	0.41
15.30	0.16	5,864	188.08	0.39
15.40	0.15	5,783	188.06	0.37
15.50	0.15	5,709	188.05	0.35

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	5,640	188.04	0.33
15.70	0.15	5,576	188.03	0.32
15.80	0.14	5,517	188.02	0.30
15.90	0.14	5,462	188.01	0.29
16.00	0.14	5,411	188.00	0.28
16.10	0.14	5,363	187.99	0.27
16.20	0.14	5,319	187.98	0.25
16.30	0.13	5,278	187.97	0.24
16.40	0.13	5,239	187.96	0.24
16.50	0.13	5,203	187.96	0.23
16.60	0.13	5,169	187.95	0.22
16.70	0.13	5,137	187.95	0.21
16.80	0.12	5,107	187.94	0.20
16.90	0.12	5,078	187.93	0.20
17.00	0.12	5,051	187.93	0.19
17.10	0.12	5,025	187.93	0.19
17.20	0.11	5,001	187.92	0.18
17.30	0.11	4,978	187.92	0.17
17.40	0.11	4,955	187.91	0.17
17.50	0.11	4,934	187.91	0.17
17.60	0.10	4,913	187.90	0.16
17.70	0.10	4,893	187.90	0.16
17.80	0.10	4,874	187.90	0.15
17.90	0.10	4,855	187.89	0.15
18.00	0.10	4,837	187.89	0.15
18.10	0.09	4,820	187.89	0.14
18.20	0.09	4,803	187.88	0.14
18.30	0.09	4,787	187.88	0.13
18.40	0.09	4,773	187.88	0.13
18.50	0.09	4,759	187.88	0.13
18.60	0.09	4,746	187.87	0.13
18.70	0.09	4,733	187.87	0.12
18.80	0.09	4,721	187.87	0.12
18.90	0.09	4,710	187.87	0.12
19.00	0.09	4,699	187.87	0.12
19.10	0.09	4,689	187.86	0.12
19.20	0.09	4,679	187.86	0.11
19.30	0.09	4,670	187.86	0.11
19.40	0.09	4,661	187.86	0.11
19.50	0.09	4,652	187.86	0.11
19.60	0.09	4,644	187.85	0.11
19.70	0.08	4,636	187.85	0.11
19.80	0.08	4,629	187.85	0.10
19.90	0.08	4,622	187.85	0.10
20.00	0.08	4,615	187.85	0.10
20.10	0.08	4,608	187.85	0.10
20.20	0.08	4,602	187.85	0.10
20.30	0.08	4,596	187.85	0.10
20.40	0.08	4,590	187.84	0.10
20.50	0.08	4,584	187.84	0.10
20.60	0.08	4,579	187.84	0.09
20.70	0.08	4,573	187.84	0.09

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	4,568	187.84	0.09
20.90	0.08	4,563	187.84	0.09
21.00	0.08	4,558	187.84	0.09
21.10	0.08	4,553	187.84	0.09
21.20	0.08	4,548	187.84	0.09
21.30	0.08	4,543	187.84	0.09
21.40	0.08	4,539	187.84	0.09
21.50	0.07	4,534	187.83	0.09
21.60	0.07	4,529	187.83	0.09
21.70	0.07	4,525	187.83	0.09
21.80	0.07	4,520	187.83	0.09
21.90	0.07	4,516	187.83	0.08
22.00	0.07	4,512	187.83	0.08
22.10	0.07	4,507	187.83	0.08
22.20	0.07	4,503	187.83	0.08
22.30	0.07	4,499	187.83	0.08
22.40	0.07	4,495	187.83	0.08
22.50	0.07	4,490	187.83	0.08
22.60	0.07	4,486	187.83	0.08
22.70	0.07	4,482	187.83	0.08
22.80	0.07	4,478	187.82	0.08
22.90	0.07	4,474	187.82	0.08
23.00	0.07	4,470	187.82	0.08
23.10	0.07	4,466	187.82	0.08
23.20	0.06	4,462	187.82	0.08
23.30	0.06	4,458	187.82	0.08
23.40	0.06	4,454	187.82	0.07
23.50	0.06	4,450	187.82	0.07
23.60	0.06	4,446	187.82	0.07
23.70	0.06	4,443	187.82	0.07
23.80	0.06	4,439	187.82	0.07
23.90	0.06	4,435	187.82	0.07
24.00	0.07	4,433	187.82	0.07
24.10	0.01	4,420	187.81	0.07
24.20	0.00	4,397	187.81	0.07
24.30	0.00	4,374	187.81	0.06
24.40	0.00	4,352	187.80	0.06
24.50	0.00	4,332	187.80	0.06
24.60	0.00	4,312	187.79	0.05
24.70	0.00	4,294	187.79	0.05
24.80	0.00	4,276	187.79	0.05
24.90	0.00	4,259	187.78	0.05
25.00	0.00	4,242	187.78	0.04
25.10	0.00	4,227	187.78	0.04
25.20	0.00	4,212	187.78	0.04
25.30	0.00	4,197	187.77	0.04
25.40	0.00	4,184	187.77	0.04
25.50	0.00	4,171	187.77	0.04
25.60	0.00	4,158	187.77	0.03
25.70	0.00	4,146	187.76	0.03
25.80	0.00	4,135	187.76	0.03
25.90	0.00	4,124	187.76	0.03

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,114	187.76	0.03
26.10	0.00	4,103	187.76	0.03
26.20	0.00	4,093	187.75	0.03
26.30	0.00	4,084	187.75	0.03
26.40	0.00	4,075	187.75	0.03
26.50	0.00	4,066	187.75	0.02
26.60	0.00	4,057	187.75	0.02
26.70	0.00	4,048	187.75	0.02
26.80	0.00	4,040	187.74	0.02
26.90	0.00	4,032	187.74	0.02
27.00	0.00	4,025	187.74	0.02
27.10	0.00	4,017	187.74	0.02
27.20	0.00	4,010	187.74	0.02
27.30	0.00	4,003	187.74	0.02
27.40	0.00	3,996	187.74	0.02
27.50	0.00	3,989	187.73	0.02
27.60	0.00	3,983	187.73	0.02
27.70	0.00	3,977	187.73	0.02
27.80	0.00	3,971	187.73	0.02
27.90	0.00	3,965	187.73	0.02
28.00	0.00	3,960	187.73	0.02
28.10	0.00	3,954	187.73	0.01
28.20	0.00	3,949	187.73	0.01
28.30	0.00	3,944	187.73	0.01
28.40	0.00	3,939	187.73	0.01
28.50	0.00	3,934	187.72	0.01
28.60	0.00	3,929	187.72	0.01
28.70	0.00	3,925	187.72	0.01
28.80	0.00	3,920	187.72	0.01
28.90	0.00	3,916	187.72	0.01
29.00	0.00	3,912	187.72	0.01
29.10	0.00	3,908	187.72	0.01
29.20	0.00	3,904	187.72	0.01
29.30	0.00	3,900	187.72	0.01
29.40	0.00	3,896	187.72	0.01
29.50	0.00	3,893	187.72	0.01
29.60	0.00	3,889	187.72	0.01
29.70	0.00	3,885	187.72	0.01
29.80	0.00	3,882	187.71	0.01
29.90	0.00	3,878	187.71	0.01
30.00	0.00	3,875	187.71	0.01
30.10	0.00	3,872	187.71	0.01
30.20	0.00	3,868	187.71	0.01
30.30	0.00	3,865	187.71	0.01
30.40	0.00	3,862	187.71	0.01
30.50	0.00	3,859	187.71	0.01
30.60	0.00	3,855	187.71	0.01
30.70	0.00	3,852	187.71	0.01
30.80	0.00	3,849	187.71	0.01
30.90	0.00	3,846	187.71	0.01
31.00	0.00	3,843	187.71	0.01
31.10	0.00	3,841	187.71	0.01

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,838	187.71	0.01
31.30	0.00	3,835	187.71	0.01
31.40	0.00	3,832	187.71	0.01
31.50	0.00	3,829	187.70	0.01
31.60	0.00	3,827	187.70	0.01
31.70	0.00	3,824	187.70	0.01
31.80	0.00	3,822	187.70	0.01
31.90	0.00	3,819	187.70	0.01
32.00	0.00	3,817	187.70	0.01
32.10	0.00	3,814	187.70	0.01
32.20	0.00	3,812	187.70	0.01
32.30	0.00	3,809	187.70	0.01
32.40	0.00	3,807	187.70	0.01
32.50	0.00	3,805	187.70	0.01
32.60	0.00	3,803	187.70	0.01
32.70	0.00	3,800	187.70	0.01
32.80	0.00	3,798	187.70	0.01
32.90	0.00	3,796	187.70	0.01
33.00	0.00	3,794	187.70	0.01
33.10	0.00	3,792	187.70	0.01
33.20	0.00	3,790	187.70	0.01
33.30	0.00	3,788	187.70	0.01
33.40	0.00	3,786	187.70	0.01
33.50	0.00	3,784	187.70	0.01
33.60	0.00	3,782	187.70	0.01
33.70	0.00	3,780	187.70	0.01
33.80	0.00	3,778	187.70	0.01
33.90	0.00	3,776	187.70	0.01
34.00	0.00	3,775	187.69	0.00
34.10	0.00	3,773	187.69	0.00
34.20	0.00	3,771	187.69	0.00
34.30	0.00	3,769	187.69	0.00
34.40	0.00	3,768	187.69	0.00
34.50	0.00	3,766	187.69	0.00
34.60	0.00	3,764	187.69	0.00
34.70	0.00	3,763	187.69	0.00
34.80	0.00	3,761	187.69	0.00
34.90	0.00	3,760	187.69	0.00
35.00	0.00	3,758	187.69	0.00
35.10	0.00	3,757	187.69	0.00
35.20	0.00	3,755	187.69	0.00
35.30	0.00	3,754	187.69	0.00
35.40	0.00	3,752	187.69	0.00
35.50	0.00	3,751	187.69	0.00
35.60	0.00	3,750	187.69	0.00
35.70	0.00	3,748	187.69	0.00
35.80	0.00	3,747	187.69	0.00
35.90	0.00	3,746	187.69	0.00
36.00	0.00	3,744	187.69	0.00
36.10	0.00	3,743	187.69	0.00
36.20	0.00	3,742	187.69	0.00
36.30	0.00	3,741	187.69	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,739	187.69	0.00
36.50	0.00	3,738	187.69	0.00
36.60	0.00	3,737	187.69	0.00
36.70	0.00	3,736	187.69	0.00
36.80	0.00	3,735	187.69	0.00
36.90	0.00	3,734	187.69	0.00
37.00	0.00	3,732	187.69	0.00
37.10	0.00	3,731	187.69	0.00
37.20	0.00	3,730	187.69	0.00
37.30	0.00	3,729	187.69	0.00
37.40	0.00	3,728	187.69	0.00
37.50	0.00	3,727	187.69	0.00
37.60	0.00	3,726	187.69	0.00
37.70	0.00	3,725	187.69	0.00
37.80	0.00	3,724	187.69	0.00
37.90	0.00	3,723	187.69	0.00
38.00	0.00	3,722	187.69	0.00
38.10	0.00	3,721	187.69	0.00
38.20	0.00	3,721	187.68	0.00
38.30	0.00	3,720	187.68	0.00
38.40	0.00	3,719	187.68	0.00
38.50	0.00	3,718	187.68	0.00
38.60	0.00	3,717	187.68	0.00
38.70	0.00	3,716	187.68	0.00
38.80	0.00	3,715	187.68	0.00
38.90	0.00	3,715	187.68	0.00
39.00	0.00	3,714	187.68	0.00
39.10	0.00	3,713	187.68	0.00
39.20	0.00	3,712	187.68	0.00
39.30	0.00	3,712	187.68	0.00
39.40	0.00	3,711	187.68	0.00
39.50	0.00	3,710	187.68	0.00
39.60	0.00	3,709	187.68	0.00
39.70	0.00	3,709	187.68	0.00
39.80	0.00	3,708	187.68	0.00
39.90	0.00	3,707	187.68	0.00
40.00	0.00	3,707	187.68	0.00

Stage-Discharge for Pond B-33: Basin #33

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
187.00	0.00	187.52	0.00	188.04	0.34	188.56	0.76
187.01	0.00	187.53	0.00	188.05	0.35	188.57	0.77
187.02	0.00	187.54	0.00	188.06	0.36	188.58	0.77
187.03	0.00	187.55	0.00	188.07	0.38	188.59	0.78
187.04	0.00	187.56	0.00	188.08	0.39	188.60	0.79
187.05	0.00	187.57	0.00	188.09	0.40	188.61	0.79
187.06	0.00	187.58	0.00	188.10	0.41	188.62	0.80
187.07	0.00	187.59	0.00	188.11	0.43	188.63	0.80
187.08	0.00	187.60	0.00	188.12	0.44	188.64	0.81
187.09	0.00	187.61	0.00	188.13	0.45	188.65	0.82
187.10	0.00	187.62	0.00	188.14	0.46	188.66	0.83
187.11	0.00	187.63	0.00	188.15	0.47	188.67	0.85
187.12	0.00	187.64	0.00	188.16	0.47	188.68	0.87
187.13	0.00	187.65	0.00	188.17	0.48	188.69	0.89
187.14	0.00	187.66	0.00	188.18	0.49	188.70	0.92
187.15	0.00	187.67	0.00	188.19	0.50	188.71	0.94
187.16	0.00	187.68	0.00	188.20	0.51	188.72	0.97
187.17	0.00	187.69	0.00	188.21	0.52	188.73	1.00
187.18	0.00	187.70	0.01	188.22	0.53	188.74	1.03
187.19	0.00	187.71	0.01	188.23	0.53	188.75	1.06
187.20	0.00	187.72	0.01	188.24	0.54	188.76	1.09
187.21	0.00	187.73	0.02	188.25	0.55	188.77	1.13
187.22	0.00	187.74	0.02	188.26	0.56	188.78	1.16
187.23	0.00	187.75	0.02	188.27	0.57	188.79	1.20
187.24	0.00	187.76	0.03	188.28	0.58	188.80	1.23
187.25	0.00	187.77	0.04	188.29	0.58	188.81	1.27
187.26	0.00	187.78	0.04	188.30	0.59	188.82	1.31
187.27	0.00	187.79	0.05	188.31	0.60	188.83	1.35
187.28	0.00	187.80	0.06	188.32	0.61	188.84	1.39
187.29	0.00	187.81	0.07	188.33	0.61	188.85	1.43
187.30	0.00	187.82	0.07	188.34	0.62	188.86	1.47
187.31	0.00	187.83	0.08	188.35	0.63	188.87	1.52
187.32	0.00	187.84	0.09	188.36	0.63	188.88	1.56
187.33	0.00	187.85	0.10	188.37	0.64	188.89	1.60
187.34	0.00	187.86	0.11	188.38	0.65	188.90	1.65
187.35	0.00	187.87	0.12	188.39	0.66	188.91	1.70
187.36	0.00	187.88	0.13	188.40	0.66	188.92	1.74
187.37	0.00	187.89	0.14	188.41	0.67	188.93	1.79
187.38	0.00	187.90	0.16	188.42	0.68	188.94	1.84
187.39	0.00	187.91	0.17	188.43	0.68	188.95	1.89
187.40	0.00	187.92	0.18	188.44	0.69	188.96	1.94
187.41	0.00	187.93	0.19	188.45	0.69	188.97	1.99
187.42	0.00	187.94	0.20	188.46	0.70	188.98	2.04
187.43	0.00	187.95	0.22	188.47	0.71	188.99	2.09
187.44	0.00	187.96	0.23	188.48	0.71	189.00	2.14
187.45	0.00	187.97	0.24	188.49	0.72	189.01	2.20
187.46	0.00	187.98	0.26	188.50	0.73	189.02	2.25
187.47	0.00	187.99	0.27	188.51	0.73	189.03	2.30
187.48	0.00	188.00	0.28	188.52	0.74	189.04	2.36
187.49	0.00	188.01	0.30	188.53	0.74	189.05	2.41
187.50	0.00	188.02	0.31	188.54	0.75	189.06	2.47
187.51	0.00	188.03	0.32	188.55	0.76	189.07	2.53

Stage-Discharge for Pond B-33: Basin #33 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.08	2.58	189.60	5.02	190.12	7.04	190.64	20.33
189.09	2.64	189.61	5.06	190.13	7.13	190.65	21.17
189.10	2.70	189.62	5.09	190.14	7.23	190.66	22.04
189.11	2.76	189.63	5.12	190.15	7.32	190.67	22.94
189.12	2.82	189.64	5.15	190.16	7.42	190.68	23.85
189.13	2.88	189.65	5.19	190.17	7.53	190.69	24.79
189.14	2.94	189.66	5.22	190.18	7.63	190.70	25.75
189.15	3.00	189.67	5.25	190.19	7.74	190.71	26.78
189.16	3.06	189.68	5.28	190.20	7.85	190.72	27.83
189.17	3.13	189.69	5.31	190.21	7.96	190.73	28.90
189.18	3.19	189.70	5.34	190.22	8.07	190.74	30.00
189.19	3.25	189.71	5.37	190.23	8.19	190.75	31.13
189.20	3.32	189.72	5.40	190.24	8.31	190.76	32.28
189.21	3.38	189.73	5.43	190.25	8.42	190.77	33.46
189.22	3.45	189.74	5.46	190.26	8.55	190.78	34.67
189.23	3.51	189.75	5.49	190.27	8.67	190.79	35.90
189.24	3.57	189.76	5.52	190.28	8.79	190.80	37.15
189.25	3.62	189.77	5.55	190.29	8.92	190.81	38.43
189.26	3.67	189.78	5.58	190.30	9.04	190.82	39.74
189.27	3.72	189.79	5.61	190.31	9.17	190.83	41.07
189.28	3.77	189.80	5.64	190.32	9.30	190.84	42.43
189.29	3.82	189.81	5.67	190.33	9.43	190.85	43.81
189.30	3.87	189.82	5.70	190.34	9.57	190.86	45.22
189.31	3.92	189.83	5.73	190.35	9.70	190.87	46.65
189.32	3.96	189.84	5.76	190.36	9.84	190.88	48.10
189.33	4.01	189.85	5.78	190.37	9.98	190.89	49.59
189.34	4.05	189.86	5.81	190.38	10.12	190.90	51.09
189.35	4.09	189.87	5.84	190.39	10.26	190.91	52.65
189.36	4.14	189.88	5.87	190.40	10.40	190.92	54.23
189.37	4.18	189.89	5.89	190.41	10.54	190.93	55.85
189.38	4.22	189.90	5.92	190.42	10.69	190.94	57.48
189.39	4.26	189.91	5.95	190.43	10.83	190.95	59.15
189.40	4.30	189.92	5.98	190.44	10.98	190.96	60.84
189.41	4.34	189.93	6.00	190.45	11.13	190.97	62.56
189.42	4.38	189.94	6.03	190.46	11.28	190.98	64.31
189.43	4.42	189.95	6.06	190.47	11.43	190.99	66.08
189.44	4.46	189.96	6.08	190.48	11.58	191.00	67.88
189.45	4.50	189.97	6.11	190.49	11.73		
189.46	4.53	189.98	6.14	190.50	11.88		
189.47	4.57	189.99	6.16	190.51	12.16		
189.48	4.61	190.00	6.19	190.52	12.53		
189.49	4.64	190.01	6.23	190.53	12.96		
189.50	4.68	190.02	6.28	190.54	13.45		
189.51	4.72	190.03	6.34	190.55	13.98		
189.52	4.75	190.04	6.40	190.56	14.56		
189.53	4.79	190.05	6.47	190.57	15.17		
189.54	4.82	190.06	6.54	190.58	15.81		
189.55	4.86	190.07	6.61	190.59	16.49		
189.56	4.89	190.08	6.69	190.60	17.20		
189.57	4.92	190.09	6.77	190.61	17.94		
189.58	4.96	190.10	6.86	190.62	18.71		
189.59	4.99	190.11	6.95	190.63	19.51		

Stage-Area-Storage for Pond B-33: Basin #33

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.00	5,432	0	187.52	5,432	2,825
187.01	5,432	54	187.53	5,432	2,879
187.02	5,432	109	187.54	5,432	2,933
187.03	5,432	163	187.55	5,432	2,988
187.04	5,432	217	187.56	5,432	3,042
187.05	5,432	272	187.57	5,432	3,096
187.06	5,432	326	187.58	5,432	3,151
187.07	5,432	380	187.59	5,432	3,205
187.08	5,432	435	187.60	5,432	3,259
187.09	5,432	489	187.61	5,432	3,314
187.10	5,432	543	187.62	5,432	3,368
187.11	5,432	598	187.63	5,432	3,422
187.12	5,432	652	187.64	5,432	3,476
187.13	5,432	706	187.65	5,432	3,531
187.14	5,432	760	187.66	5,432	3,585
187.15	5,432	815	187.67	5,432	3,639
187.16	5,432	869	187.68	5,432	3,694
187.17	5,432	923	187.69	5,432	3,748
187.18	5,432	978	187.70	5,432	3,802
187.19	5,432	1,032	187.71	5,432	3,857
187.20	5,432	1,086	187.72	5,432	3,911
187.21	5,432	1,141	187.73	5,432	3,965
187.22	5,432	1,195	187.74	5,432	4,020
187.23	5,432	1,249	187.75	5,432	4,074
187.24	5,432	1,304	187.76	5,432	4,128
187.25	5,432	1,358	187.77	5,432	4,183
187.26	5,432	1,412	187.78	5,432	4,237
187.27	5,432	1,467	187.79	5,432	4,291
187.28	5,432	1,521	187.80	5,432	4,346
187.29	5,432	1,575	187.81	5,432	4,400
187.30	5,432	1,630	187.82	5,432	4,454
187.31	5,432	1,684	187.83	5,432	4,509
187.32	5,432	1,738	187.84	5,432	4,563
187.33	5,432	1,793	187.85	5,432	4,617
187.34	5,432	1,847	187.86	5,432	4,672
187.35	5,432	1,901	187.87	5,432	4,726
187.36	5,432	1,956	187.88	5,432	4,780
187.37	5,432	2,010	187.89	5,432	4,834
187.38	5,432	2,064	187.90	5,432	4,889
187.39	5,432	2,118	187.91	5,432	4,943
187.40	5,432	2,173	187.92	5,432	4,997
187.41	5,432	2,227	187.93	5,432	5,052
187.42	5,432	2,281	187.94	5,432	5,106
187.43	5,432	2,336	187.95	5,432	5,160
187.44	5,432	2,390	187.96	5,432	5,215
187.45	5,432	2,444	187.97	5,432	5,269
187.46	5,432	2,499	187.98	5,432	5,323
187.47	5,432	2,553	187.99	5,432	5,378
187.48	5,432	2,607	188.00	5,432	5,432
187.49	5,432	2,662	188.01	5,432	5,486
187.50	5,432	2,716	188.02	5,432	5,541
187.51	5,432	2,770	188.03	5,432	5,595

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.04	5,432	5,649	188.56	5,432	8,474
188.05	5,432	5,704	188.57	5,432	8,528
188.06	5,432	5,758	188.58	5,432	8,583
188.07	5,432	5,812	188.59	5,432	8,637
188.08	5,432	5,867	188.60	5,432	8,691
188.09	5,432	5,921	188.61	5,432	8,746
188.10	5,432	5,975	188.62	5,432	8,800
188.11	5,432	6,030	188.63	5,432	8,854
188.12	5,432	6,084	188.64	5,432	8,908
188.13	5,432	6,138	188.65	5,432	8,963
188.14	5,432	6,192	188.66	5,432	9,017
188.15	5,432	6,247	188.67	5,432	9,071
188.16	5,432	6,301	188.68	5,432	9,126
188.17	5,432	6,355	188.69	5,432	9,180
188.18	5,432	6,410	188.70	5,432	9,234
188.19	5,432	6,464	188.71	5,432	9,289
188.20	5,432	6,518	188.72	5,432	9,343
188.21	5,432	6,573	188.73	5,432	9,397
188.22	5,432	6,627	188.74	5,432	9,452
188.23	5,432	6,681	188.75	5,432	9,506
188.24	5,432	6,736	188.76	5,432	9,560
188.25	5,432	6,790	188.77	5,432	9,615
188.26	5,432	6,844	188.78	5,432	9,669
188.27	5,432	6,899	188.79	5,432	9,723
188.28	5,432	6,953	188.80	5,432	9,778
188.29	5,432	7,007	188.81	5,432	9,832
188.30	5,432	7,062	188.82	5,432	9,886
188.31	5,432	7,116	188.83	5,432	9,941
188.32	5,432	7,170	188.84	5,432	9,995
188.33	5,432	7,225	188.85	5,432	10,049
188.34	5,432	7,279	188.86	5,432	10,104
188.35	5,432	7,333	188.87	5,432	10,158
188.36	5,432	7,388	188.88	5,432	10,212
188.37	5,432	7,442	188.89	5,432	10,266
188.38	5,432	7,496	188.90	5,432	10,321
188.39	5,432	7,550	188.91	5,432	10,375
188.40	5,432	7,605	188.92	5,432	10,429
188.41	5,432	7,659	188.93	5,432	10,484
188.42	5,432	7,713	188.94	5,432	10,538
188.43	5,432	7,768	188.95	5,432	10,592
188.44	5,432	7,822	188.96	5,432	10,647
188.45	5,432	7,876	188.97	5,432	10,701
188.46	5,432	7,931	188.98	5,432	10,755
188.47	5,432	7,985	188.99	5,432	10,810
188.48	5,432	8,039	189.00	5,432	10,864
188.49	5,432	8,094	189.01	5,432	10,918
188.50	5,432	8,148	189.02	5,432	10,973
188.51	5,432	8,202	189.03	5,432	11,027
188.52	5,432	8,257	189.04	5,432	11,081
188.53	5,432	8,311	189.05	5,432	11,136
188.54	5,432	8,365	189.06	5,432	11,190
188.55	5,432	8,420	189.07	5,432	11,244

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.08	5,432	11,299	189.60	5,432	14,123
189.09	5,432	11,353	189.61	5,432	14,178
189.10	5,432	11,407	189.62	5,432	14,232
189.11	5,432	11,462	189.63	5,432	14,286
189.12	5,432	11,516	189.64	5,432	14,340
189.13	5,432	11,570	189.65	5,432	14,395
189.14	5,432	11,624	189.66	5,432	14,449
189.15	5,432	11,679	189.67	5,432	14,503
189.16	5,432	11,733	189.68	5,432	14,558
189.17	5,432	11,787	189.69	5,432	14,612
189.18	5,432	11,842	189.70	5,432	14,666
189.19	5,432	11,896	189.71	5,432	14,721
189.20	5,432	11,950	189.72	5,432	14,775
189.21	5,432	12,005	189.73	5,432	14,829
189.22	5,432	12,059	189.74	5,432	14,884
189.23	5,432	12,113	189.75	5,432	14,938
189.24	5,432	12,168	189.76	5,432	14,992
189.25	5,432	12,222	189.77	5,432	15,047
189.26	5,432	12,276	189.78	5,432	15,101
189.27	5,432	12,331	189.79	5,432	15,155
189.28	5,432	12,385	189.80	5,432	15,210
189.29	5,432	12,439	189.81	5,432	15,264
189.30	5,432	12,494	189.82	5,432	15,318
189.31	5,432	12,548	189.83	5,432	15,373
189.32	5,432	12,602	189.84	5,432	15,427
189.33	5,432	12,657	189.85	5,432	15,481
189.34	5,432	12,711	189.86	5,432	15,536
189.35	5,432	12,765	189.87	5,432	15,590
189.36	5,432	12,820	189.88	5,432	15,644
189.37	5,432	12,874	189.89	5,432	15,698
189.38	5,432	12,928	189.90	5,432	15,753
189.39	5,432	12,982	189.91	5,432	15,807
189.40	5,432	13,037	189.92	5,432	15,861
189.41	5,432	13,091	189.93	5,432	15,916
189.42	5,432	13,145	189.94	5,432	15,970
189.43	5,432	13,200	189.95	5,432	16,024
189.44	5,432	13,254	189.96	5,432	16,079
189.45	5,432	13,308	189.97	5,432	16,133
189.46	5,432	13,363	189.98	5,432	16,187
189.47	5,432	13,417	189.99	5,432	16,242
189.48	5,432	13,471	190.00	5,432	16,296
189.49	5,432	13,526	190.01	5,432	16,350
189.50	5,432	13,580	190.02	5,432	16,405
189.51	5,432	13,634	190.03	5,432	16,459
189.52	5,432	13,689	190.04	5,432	16,513
189.53	5,432	13,743	190.05	5,432	16,568
189.54	5,432	13,797	190.06	5,432	16,622
189.55	5,432	13,852	190.07	5,432	16,676
189.56	5,432	13,906	190.08	5,432	16,731
189.57	5,432	13,960	190.09	5,432	16,785
189.58	5,432	14,015	190.10	5,432	16,839
189.59	5,432	14,069	190.11	5,432	16,894

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.12	5,432	16,948	190.64	5,432	19,772
190.13	5,432	17,002	190.65	5,432	19,827
190.14	5,432	17,056	190.66	5,432	19,881
190.15	5,432	17,111	190.67	5,432	19,935
190.16	5,432	17,165	190.68	5,432	19,990
190.17	5,432	17,219	190.69	5,432	20,044
190.18	5,432	17,274	190.70	5,432	20,098
190.19	5,432	17,328	190.71	5,432	20,153
190.20	5,432	17,382	190.72	5,432	20,207
190.21	5,432	17,437	190.73	5,432	20,261
190.22	5,432	17,491	190.74	5,432	20,316
190.23	5,432	17,545	190.75	5,432	20,370
190.24	5,432	17,600	190.76	5,432	20,424
190.25	5,432	17,654	190.77	5,432	20,479
190.26	5,432	17,708	190.78	5,432	20,533
190.27	5,432	17,763	190.79	5,432	20,587
190.28	5,432	17,817	190.80	5,432	20,642
190.29	5,432	17,871	190.81	5,432	20,696
190.30	5,432	17,926	190.82	5,432	20,750
190.31	5,432	17,980	190.83	5,432	20,805
190.32	5,432	18,034	190.84	5,432	20,859
190.33	5,432	18,089	190.85	5,432	20,913
190.34	5,432	18,143	190.86	5,432	20,968
190.35	5,432	18,197	190.87	5,432	21,022
190.36	5,432	18,252	190.88	5,432	21,076
190.37	5,432	18,306	190.89	5,432	21,130
190.38	5,432	18,360	190.90	5,432	21,185
190.39	5,432	18,414	190.91	5,432	21,239
190.40	5,432	18,469	190.92	5,432	21,293
190.41	5,432	18,523	190.93	5,432	21,348
190.42	5,432	18,577	190.94	5,432	21,402
190.43	5,432	18,632	190.95	5,432	21,456
190.44	5,432	18,686	190.96	5,432	21,511
190.45	5,432	18,740	190.97	5,432	21,565
190.46	5,432	18,795	190.98	5,432	21,619
190.47	5,432	18,849	190.99	5,432	21,674
190.48	5,432	18,903	191.00	5,432	21,728
190.49	5,432	18,958			
190.50	5,432	19,012			
190.51	5,432	19,066			
190.52	5,432	19,121			
190.53	5,432	19,175			
190.54	5,432	19,229			
190.55	5,432	19,284			
190.56	5,432	19,338			
190.57	5,432	19,392			
190.58	5,432	19,447			
190.59	5,432	19,501			
190.60	5,432	19,555			
190.61	5,432	19,610			
190.62	5,432	19,664			
190.63	5,432	19,718			

Summary for Pond B-34: Basin #34

Inflow Area = 1.779 ac, 23.66% Impervious, Inflow Depth = 1.99" for Future 2 yr event
 Inflow = 4.18 cfs @ 12.09 hrs, Volume= 0.295 af
 Outflow = 0.13 cfs @ 15.73 hrs, Volume= 0.222 af, Atten= 97%, Lag= 218.3 min
 Primary = 0.13 cfs @ 15.73 hrs, Volume= 0.222 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 191.97' @ 15.73 hrs Surf.Area= 9,057 sf Storage= 8,742 cf

Plug-Flow detention time= 694.4 min calculated for 0.222 af (75% of inflow)
 Center-of-Mass det. time= 599.8 min (1,408.6 - 808.7)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	36,228 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	9,057	0	0
192.00	9,057	9,057	9,057
193.00	9,057	9,057	18,114
194.00	9,057	9,057	27,171
195.00	9,057	9,057	36,228

Device	Routing	Invert	Outlet Devices
#1	Primary	189.65'	18.0" Round Culvert L= 100.0' Ke= 0.500 Inlet / Outlet Invert= 189.65' / 189.15' S= 0.0050 ' / S= 0.0050 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.21'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.15'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

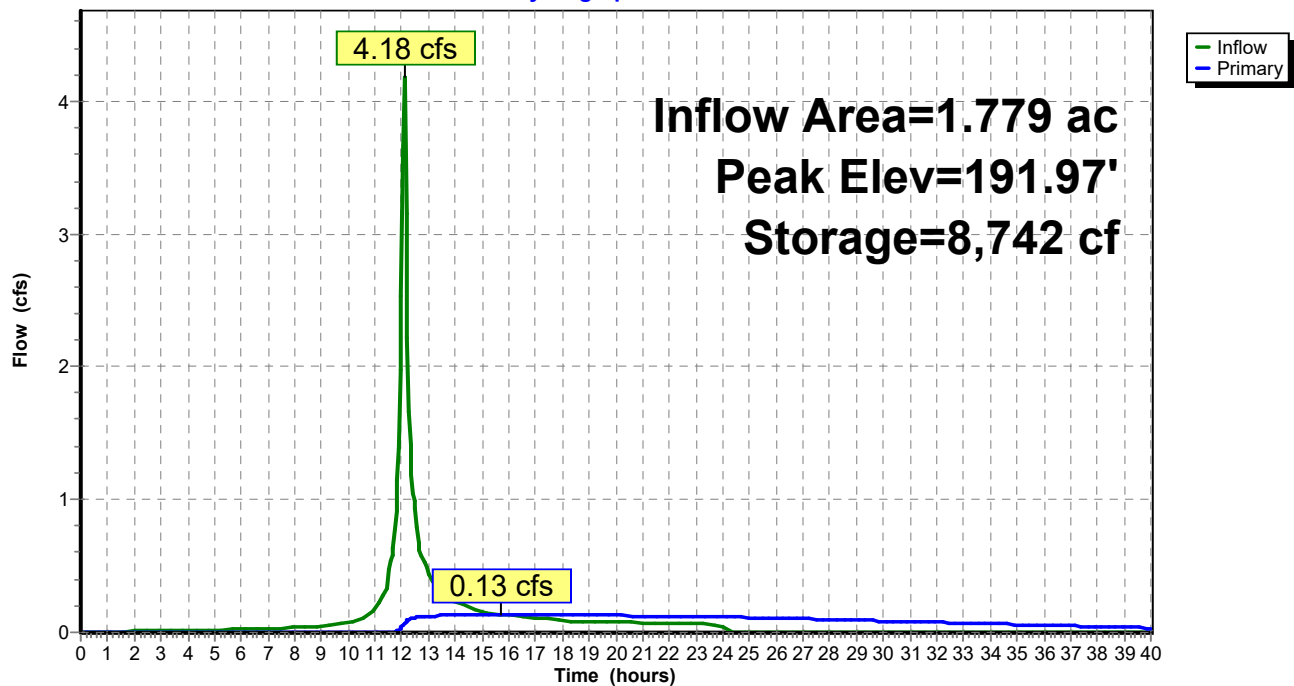
Primary OutFlow Max=0.13 cfs @ 15.73 hrs HW=191.97' (Free Discharge)

1=Culvert (Passes 0.13 cfs of 8.91 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.89 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-34: Basin #34

Hydrograph



Hydrograph for Pond B-34: Basin #34

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	0	191.00	0.00
1.20	0.00	1	191.00	0.00
1.30	0.00	1	191.00	0.00
1.40	0.00	2	191.00	0.00
1.50	0.00	3	191.00	0.00
1.60	0.00	5	191.00	0.00
1.70	0.00	6	191.00	0.00
1.80	0.01	8	191.00	0.00
1.90	0.01	10	191.00	0.00
2.00	0.01	13	191.00	0.00
2.10	0.01	15	191.00	0.00
2.20	0.01	18	191.00	0.00
2.30	0.01	21	191.00	0.00
2.40	0.01	24	191.00	0.00
2.50	0.01	27	191.00	0.00
2.60	0.01	30	191.00	0.00
2.70	0.01	34	191.00	0.00
2.80	0.01	38	191.00	0.00
2.90	0.01	41	191.00	0.00
3.00	0.01	45	191.01	0.00
3.10	0.01	50	191.01	0.00
3.20	0.01	54	191.01	0.00
3.30	0.01	59	191.01	0.00
3.40	0.01	63	191.01	0.00
3.50	0.01	68	191.01	0.00
3.60	0.01	73	191.01	0.00
3.70	0.01	78	191.01	0.00
3.80	0.01	83	191.01	0.00
3.90	0.01	88	191.01	0.00
4.00	0.02	94	191.01	0.00
4.10	0.02	99	191.01	0.00
4.20	0.02	105	191.01	0.00
4.30	0.02	111	191.01	0.00
4.40	0.02	117	191.01	0.00
4.50	0.02	123	191.01	0.00
4.60	0.02	129	191.01	0.00
4.70	0.02	135	191.01	0.00
4.80	0.02	142	191.02	0.00
4.90	0.02	148	191.02	0.00
5.00	0.02	155	191.02	0.00
5.10	0.02	162	191.02	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	168	191.02	0.00
5.30	0.02	175	191.02	0.00
5.40	0.02	182	191.02	0.00
5.50	0.02	190	191.02	0.00
5.60	0.02	197	191.02	0.00
5.70	0.02	204	191.02	0.00
5.80	0.02	212	191.02	0.00
5.90	0.02	219	191.02	0.00
6.00	0.02	227	191.03	0.00
6.10	0.02	235	191.03	0.00
6.20	0.02	243	191.03	0.00
6.30	0.02	251	191.03	0.00
6.40	0.02	260	191.03	0.00
6.50	0.02	268	191.03	0.00
6.60	0.03	277	191.03	0.00
6.70	0.03	287	191.03	0.00
6.80	0.03	296	191.03	0.00
6.90	0.03	306	191.03	0.00
7.00	0.03	316	191.03	0.00
7.10	0.03	327	191.04	0.00
7.20	0.03	337	191.04	0.00
7.30	0.03	348	191.04	0.00
7.40	0.03	359	191.04	0.00
7.50	0.03	370	191.04	0.00
7.60	0.03	382	191.04	0.00
7.70	0.03	394	191.04	0.00
7.80	0.03	406	191.04	0.00
7.90	0.03	418	191.05	0.00
8.00	0.04	431	191.05	0.00
8.10	0.04	443	191.05	0.00
8.20	0.04	457	191.05	0.00
8.30	0.04	470	191.05	0.00
8.40	0.04	483	191.05	0.00
8.50	0.04	497	191.05	0.00
8.60	0.04	511	191.06	0.00
8.70	0.04	526	191.06	0.00
8.80	0.04	540	191.06	0.00
8.90	0.04	555	191.06	0.00
9.00	0.04	570	191.06	0.00
9.10	0.04	586	191.06	0.00
9.20	0.05	603	191.07	0.00
9.30	0.05	621	191.07	0.00
9.40	0.05	639	191.07	0.00
9.50	0.05	659	191.07	0.00
9.60	0.06	679	191.07	0.00
9.70	0.06	700	191.08	0.00
9.80	0.06	722	191.08	0.00
9.90	0.06	745	191.08	0.00
10.00	0.07	768	191.08	0.00
10.10	0.07	793	191.09	0.00
10.20	0.07	819	191.09	0.00
10.30	0.08	847	191.09	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.08	877	191.10	0.00
10.50	0.09	909	191.10	0.00
10.60	0.10	944	191.10	0.00
10.70	0.12	985	191.11	0.00
10.80	0.13	1,031	191.11	0.00
10.90	0.15	1,083	191.12	0.00
11.00	0.17	1,142	191.13	0.00
11.10	0.20	1,209	191.13	0.00
11.20	0.23	1,288	191.14	0.00
11.30	0.27	1,379	191.15	0.00
11.40	0.31	1,483	191.16	0.00
11.50	0.36	1,602	191.18	0.00
11.60	0.54	1,769	191.20	0.00
11.70	0.64	1,980	191.22	0.00
11.80	0.91	2,260	191.25	0.00
11.90	1.39	2,669	191.29	0.01
12.00	2.53	3,370	191.37	0.04
12.10	4.17	4,605	191.51	0.07
12.20	2.22	5,718	191.63	0.09
12.30	1.41	6,310	191.70	0.10
12.40	1.05	6,706	191.74	0.11
12.50	0.94	7,023	191.78	0.11
12.60	0.68	7,270	191.80	0.11
12.70	0.59	7,454	191.82	0.12
12.80	0.55	7,616	191.84	0.12
12.90	0.50	7,760	191.86	0.12
13.00	0.45	7,886	191.87	0.12
13.10	0.40	7,993	191.88	0.12
13.20	0.37	8,085	191.89	0.12
13.30	0.34	8,167	191.90	0.13
13.40	0.31	8,238	191.91	0.13
13.50	0.28	8,300	191.92	0.13
13.60	0.26	8,351	191.92	0.13
13.70	0.25	8,396	191.93	0.13
13.80	0.24	8,437	191.93	0.13
13.90	0.23	8,476	191.94	0.13
14.00	0.23	8,512	191.94	0.13
14.10	0.22	8,545	191.94	0.13
14.20	0.21	8,575	191.95	0.13
14.30	0.20	8,603	191.95	0.13
14.40	0.20	8,628	191.95	0.13
14.50	0.19	8,651	191.96	0.13
14.60	0.18	8,670	191.96	0.13
14.70	0.18	8,687	191.96	0.13
14.80	0.17	8,701	191.96	0.13
14.90	0.16	8,713	191.96	0.13
15.00	0.15	8,722	191.96	0.13
15.10	0.15	8,728	191.96	0.13
15.20	0.14	8,732	191.96	0.13
15.30	0.14	8,735	191.96	0.13
15.40	0.14	8,738	191.96	0.13
15.50	0.14	8,740	191.96	0.13

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.14	8,741	191.97	0.13
15.70	0.13	8,742	191.97	0.13
15.80	0.13	8,742	191.97	0.13
15.90	0.13	8,741	191.97	0.13
16.00	0.13	8,740	191.96	0.13
16.10	0.13	8,737	191.96	0.13
16.20	0.12	8,735	191.96	0.13
16.30	0.12	8,731	191.96	0.13
16.40	0.12	8,727	191.96	0.13
16.50	0.12	8,722	191.96	0.13
16.60	0.12	8,716	191.96	0.13
16.70	0.11	8,710	191.96	0.13
16.80	0.11	8,703	191.96	0.13
16.90	0.11	8,695	191.96	0.13
17.00	0.11	8,687	191.96	0.13
17.10	0.11	8,678	191.96	0.13
17.20	0.10	8,669	191.96	0.13
17.30	0.10	8,658	191.96	0.13
17.40	0.10	8,647	191.95	0.13
17.50	0.10	8,635	191.95	0.13
17.60	0.10	8,623	191.95	0.13
17.70	0.09	8,610	191.95	0.13
17.80	0.09	8,596	191.95	0.13
17.90	0.09	8,581	191.95	0.13
18.00	0.09	8,566	191.95	0.13
18.10	0.09	8,550	191.94	0.13
18.20	0.08	8,534	191.94	0.13
18.30	0.08	8,518	191.94	0.13
18.40	0.08	8,501	191.94	0.13
18.50	0.08	8,485	191.94	0.13
18.60	0.08	8,468	191.93	0.13
18.70	0.08	8,451	191.93	0.13
18.80	0.08	8,435	191.93	0.13
18.90	0.08	8,418	191.93	0.13
19.00	0.08	8,400	191.93	0.13
19.10	0.08	8,383	191.93	0.13
19.20	0.08	8,366	191.92	0.13
19.30	0.08	8,348	191.92	0.13
19.40	0.08	8,331	191.92	0.13
19.50	0.08	8,313	191.92	0.13
19.60	0.08	8,296	191.92	0.13
19.70	0.08	8,278	191.91	0.13
19.80	0.08	8,260	191.91	0.13
19.90	0.08	8,242	191.91	0.13
20.00	0.08	8,224	191.91	0.13
20.10	0.08	8,206	191.91	0.13
20.20	0.07	8,187	191.90	0.13
20.30	0.07	8,169	191.90	0.13
20.40	0.07	8,150	191.90	0.13
20.50	0.07	8,132	191.90	0.13
20.60	0.07	8,113	191.90	0.13
20.70	0.07	8,094	191.89	0.12

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	8,075	191.89	0.12
20.90	0.07	8,056	191.89	0.12
21.00	0.07	8,037	191.89	0.12
21.10	0.07	8,018	191.89	0.12
21.20	0.07	7,999	191.88	0.12
21.30	0.07	7,979	191.88	0.12
21.40	0.07	7,960	191.88	0.12
21.50	0.07	7,940	191.88	0.12
21.60	0.07	7,920	191.87	0.12
21.70	0.07	7,901	191.87	0.12
21.80	0.07	7,881	191.87	0.12
21.90	0.07	7,861	191.87	0.12
22.00	0.07	7,841	191.87	0.12
22.10	0.07	7,821	191.86	0.12
22.20	0.07	7,800	191.86	0.12
22.30	0.06	7,780	191.86	0.12
22.40	0.06	7,760	191.86	0.12
22.50	0.06	7,739	191.85	0.12
22.60	0.06	7,718	191.85	0.12
22.70	0.06	7,698	191.85	0.12
22.80	0.06	7,677	191.85	0.12
22.90	0.06	7,656	191.85	0.12
23.00	0.06	7,635	191.84	0.12
23.10	0.06	7,614	191.84	0.12
23.20	0.06	7,593	191.84	0.12
23.30	0.06	7,571	191.84	0.12
23.40	0.06	7,550	191.83	0.12
23.50	0.06	7,528	191.83	0.12
23.60	0.06	7,507	191.83	0.12
23.70	0.06	7,485	191.83	0.12
23.80	0.06	7,463	191.82	0.12
23.90	0.06	7,442	191.82	0.12
24.00	0.06	7,422	191.82	0.12
24.10	0.01	7,393	191.82	0.12
24.20	0.00	7,353	191.81	0.12
24.30	0.00	7,311	191.81	0.12
24.40	0.00	7,270	191.80	0.11
24.50	0.00	7,229	191.80	0.11
24.60	0.00	7,188	191.79	0.11
24.70	0.00	7,147	191.79	0.11
24.80	0.00	7,106	191.78	0.11
24.90	0.00	7,066	191.78	0.11
25.00	0.00	7,026	191.78	0.11
25.10	0.00	6,986	191.77	0.11
25.20	0.00	6,946	191.77	0.11
25.30	0.00	6,906	191.76	0.11
25.40	0.00	6,867	191.76	0.11
25.50	0.00	6,827	191.75	0.11
25.60	0.00	6,788	191.75	0.11
25.70	0.00	6,749	191.75	0.11
25.80	0.00	6,711	191.74	0.11
25.90	0.00	6,672	191.74	0.11

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,634	191.73	0.11
26.10	0.00	6,596	191.73	0.11
26.20	0.00	6,558	191.72	0.11
26.30	0.00	6,520	191.72	0.10
26.40	0.00	6,483	191.72	0.10
26.50	0.00	6,445	191.71	0.10
26.60	0.00	6,408	191.71	0.10
26.70	0.00	6,371	191.70	0.10
26.80	0.00	6,334	191.70	0.10
26.90	0.00	6,298	191.70	0.10
27.00	0.00	6,262	191.69	0.10
27.10	0.00	6,225	191.69	0.10
27.20	0.00	6,189	191.68	0.10
27.30	0.00	6,154	191.68	0.10
27.40	0.00	6,118	191.68	0.10
27.50	0.00	6,083	191.67	0.10
27.60	0.00	6,047	191.67	0.10
27.70	0.00	6,012	191.66	0.10
27.80	0.00	5,977	191.66	0.10
27.90	0.00	5,943	191.66	0.10
28.00	0.00	5,908	191.65	0.10
28.10	0.00	5,874	191.65	0.09
28.20	0.00	5,840	191.64	0.09
28.30	0.00	5,806	191.64	0.09
28.40	0.00	5,772	191.64	0.09
28.50	0.00	5,739	191.63	0.09
28.60	0.00	5,706	191.63	0.09
28.70	0.00	5,673	191.63	0.09
28.80	0.00	5,640	191.62	0.09
28.90	0.00	5,607	191.62	0.09
29.00	0.00	5,574	191.62	0.09
29.10	0.00	5,542	191.61	0.09
29.20	0.00	5,510	191.61	0.09
29.30	0.00	5,478	191.60	0.09
29.40	0.00	5,446	191.60	0.09
29.50	0.00	5,415	191.60	0.09
29.60	0.00	5,383	191.59	0.09
29.70	0.00	5,352	191.59	0.09
29.80	0.00	5,321	191.59	0.09
29.90	0.00	5,290	191.58	0.09
30.00	0.00	5,260	191.58	0.08
30.10	0.00	5,229	191.58	0.08
30.20	0.00	5,199	191.57	0.08
30.30	0.00	5,169	191.57	0.08
30.40	0.00	5,139	191.57	0.08
30.50	0.00	5,110	191.56	0.08
30.60	0.00	5,080	191.56	0.08
30.70	0.00	5,051	191.56	0.08
30.80	0.00	5,022	191.55	0.08
30.90	0.00	4,993	191.55	0.08
31.00	0.00	4,965	191.55	0.08
31.10	0.00	4,936	191.55	0.08

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,908	191.54	0.08
31.30	0.00	4,880	191.54	0.08
31.40	0.00	4,852	191.54	0.08
31.50	0.00	4,824	191.53	0.08
31.60	0.00	4,797	191.53	0.08
31.70	0.00	4,769	191.53	0.08
31.80	0.00	4,742	191.52	0.08
31.90	0.00	4,715	191.52	0.07
32.00	0.00	4,689	191.52	0.07
32.10	0.00	4,662	191.51	0.07
32.20	0.00	4,636	191.51	0.07
32.30	0.00	4,610	191.51	0.07
32.40	0.00	4,584	191.51	0.07
32.50	0.00	4,558	191.50	0.07
32.60	0.00	4,532	191.50	0.07
32.70	0.00	4,507	191.50	0.07
32.80	0.00	4,482	191.49	0.07
32.90	0.00	4,457	191.49	0.07
33.00	0.00	4,432	191.49	0.07
33.10	0.00	4,407	191.49	0.07
33.20	0.00	4,383	191.48	0.07
33.30	0.00	4,359	191.48	0.07
33.40	0.00	4,335	191.48	0.07
33.50	0.00	4,311	191.48	0.07
33.60	0.00	4,287	191.47	0.07
33.70	0.00	4,264	191.47	0.06
33.80	0.00	4,240	191.47	0.06
33.90	0.00	4,217	191.47	0.06
34.00	0.00	4,195	191.46	0.06
34.10	0.00	4,172	191.46	0.06
34.20	0.00	4,149	191.46	0.06
34.30	0.00	4,127	191.46	0.06
34.40	0.00	4,105	191.45	0.06
34.50	0.00	4,083	191.45	0.06
34.60	0.00	4,061	191.45	0.06
34.70	0.00	4,040	191.45	0.06
34.80	0.00	4,019	191.44	0.06
34.90	0.00	3,997	191.44	0.06
35.00	0.00	3,976	191.44	0.06
35.10	0.00	3,956	191.44	0.06
35.20	0.00	3,935	191.43	0.06
35.30	0.00	3,915	191.43	0.06
35.40	0.00	3,895	191.43	0.06
35.50	0.00	3,875	191.43	0.06
35.60	0.00	3,855	191.43	0.05
35.70	0.00	3,835	191.42	0.05
35.80	0.00	3,816	191.42	0.05
35.90	0.00	3,797	191.42	0.05
36.00	0.00	3,778	191.42	0.05
36.10	0.00	3,759	191.42	0.05
36.20	0.00	3,740	191.41	0.05
36.30	0.00	3,722	191.41	0.05

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,703	191.41	0.05
36.50	0.00	3,685	191.41	0.05
36.60	0.00	3,667	191.40	0.05
36.70	0.00	3,649	191.40	0.05
36.80	0.00	3,632	191.40	0.05
36.90	0.00	3,614	191.40	0.05
37.00	0.00	3,597	191.40	0.05
37.10	0.00	3,580	191.40	0.05
37.20	0.00	3,564	191.39	0.05
37.30	0.00	3,547	191.39	0.05
37.40	0.00	3,531	191.39	0.04
37.50	0.00	3,515	191.39	0.04
37.60	0.00	3,499	191.39	0.04
37.70	0.00	3,483	191.38	0.04
37.80	0.00	3,468	191.38	0.04
37.90	0.00	3,453	191.38	0.04
38.00	0.00	3,438	191.38	0.04
38.10	0.00	3,423	191.38	0.04
38.20	0.00	3,408	191.38	0.04
38.30	0.00	3,394	191.37	0.04
38.40	0.00	3,380	191.37	0.04
38.50	0.00	3,366	191.37	0.04
38.60	0.00	3,352	191.37	0.04
38.70	0.00	3,338	191.37	0.04
38.80	0.00	3,325	191.37	0.04
38.90	0.00	3,311	191.37	0.04
39.00	0.00	3,298	191.36	0.04
39.10	0.00	3,285	191.36	0.04
39.20	0.00	3,273	191.36	0.04
39.30	0.00	3,260	191.36	0.03
39.40	0.00	3,248	191.36	0.03
39.50	0.00	3,236	191.36	0.03
39.60	0.00	3,224	191.36	0.03
39.70	0.00	3,212	191.35	0.03
39.80	0.00	3,200	191.35	0.03
39.90	0.00	3,188	191.35	0.03
40.00	0.00	3,177	191.35	0.03

Stage-Discharge for Pond B-34: Basin #34

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.07	192.04	0.14	192.56	0.18
191.01	0.00	191.53	0.08	192.05	0.14	192.57	0.18
191.02	0.00	191.54	0.08	192.06	0.14	192.58	0.18
191.03	0.00	191.55	0.08	192.07	0.14	192.59	0.19
191.04	0.00	191.56	0.08	192.08	0.14	192.60	0.19
191.05	0.00	191.57	0.08	192.09	0.14	192.61	0.19
191.06	0.00	191.58	0.08	192.10	0.15	192.62	0.19
191.07	0.00	191.59	0.09	192.11	0.15	192.63	0.19
191.08	0.00	191.60	0.09	192.12	0.15	192.64	0.19
191.09	0.00	191.61	0.09	192.13	0.15	192.65	0.19
191.10	0.00	191.62	0.09	192.14	0.15	192.66	0.19
191.11	0.00	191.63	0.09	192.15	0.15	192.67	0.19
191.12	0.00	191.64	0.09	192.16	0.15	192.68	0.19
191.13	0.00	191.65	0.10	192.17	0.15	192.69	0.19
191.14	0.00	191.66	0.10	192.18	0.15	192.70	0.19
191.15	0.00	191.67	0.10	192.19	0.15	192.71	0.19
191.16	0.00	191.68	0.10	192.20	0.15	192.72	0.19
191.17	0.00	191.69	0.10	192.21	0.16	192.73	0.20
191.18	0.00	191.70	0.10	192.22	0.16	192.74	0.20
191.19	0.00	191.71	0.10	192.23	0.16	192.75	0.20
191.20	0.00	191.72	0.10	192.24	0.16	192.76	0.20
191.21	0.00	191.73	0.11	192.25	0.16	192.77	0.20
191.22	0.00	191.74	0.11	192.26	0.16	192.78	0.20
191.23	0.00	191.75	0.11	192.27	0.16	192.79	0.20
191.24	0.00	191.76	0.11	192.28	0.16	192.80	0.20
191.25	0.00	191.77	0.11	192.29	0.16	192.81	0.20
191.26	0.00	191.78	0.11	192.30	0.16	192.82	0.20
191.27	0.01	191.79	0.11	192.31	0.16	192.83	0.20
191.28	0.01	191.80	0.11	192.32	0.16	192.84	0.20
191.29	0.01	191.81	0.12	192.33	0.17	192.85	0.20
191.30	0.01	191.82	0.12	192.34	0.17	192.86	0.20
191.31	0.02	191.83	0.12	192.35	0.17	192.87	0.20
191.32	0.02	191.84	0.12	192.36	0.17	192.88	0.21
191.33	0.02	191.85	0.12	192.37	0.17	192.89	0.21
191.34	0.03	191.86	0.12	192.38	0.17	192.90	0.21
191.35	0.03	191.87	0.12	192.39	0.17	192.91	0.21
191.36	0.03	191.88	0.12	192.40	0.17	192.92	0.21
191.37	0.04	191.89	0.12	192.41	0.17	192.93	0.21
191.38	0.04	191.90	0.13	192.42	0.17	192.94	0.21
191.39	0.05	191.91	0.13	192.43	0.17	192.95	0.21
191.40	0.05	191.92	0.13	192.44	0.17	192.96	0.21
191.41	0.05	191.93	0.13	192.45	0.17	192.97	0.21
191.42	0.05	191.94	0.13	192.46	0.18	192.98	0.21
191.43	0.06	191.95	0.13	192.47	0.18	192.99	0.21
191.44	0.06	191.96	0.13	192.48	0.18	193.00	0.21
191.45	0.06	191.97	0.13	192.49	0.18	193.01	0.21
191.46	0.06	191.98	0.13	192.50	0.18	193.02	0.21
191.47	0.06	191.99	0.13	192.51	0.18	193.03	0.22
191.48	0.07	192.00	0.14	192.52	0.18	193.04	0.22
191.49	0.07	192.01	0.14	192.53	0.18	193.05	0.22
191.50	0.07	192.02	0.14	192.54	0.18	193.06	0.22
191.51	0.07	192.03	0.14	192.55	0.18	193.07	0.22

Stage-Discharge for Pond B-34: Basin #34 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.22	193.60	0.25	194.12	0.27	194.64	10.85
193.09	0.22	193.61	0.25	194.13	0.28	194.65	11.65
193.10	0.22	193.62	0.25	194.14	0.28	194.66	12.49
193.11	0.22	193.63	0.25	194.15	0.28	194.67	13.35
193.12	0.22	193.64	0.25	194.16	0.29	194.68	14.23
193.13	0.22	193.65	0.25	194.17	0.31	194.69	15.13
193.14	0.22	193.66	0.25	194.18	0.35	194.70	16.06
193.15	0.22	193.67	0.25	194.19	0.38	194.71	17.04
193.16	0.22	193.68	0.25	194.20	0.42	194.72	18.06
193.17	0.22	193.69	0.25	194.21	0.47	194.73	19.10
193.18	0.22	193.70	0.25	194.22	0.52	194.74	20.16
193.19	0.22	193.71	0.25	194.23	0.58	194.75	21.25
193.20	0.23	193.72	0.25	194.24	0.63	194.76	22.37
193.21	0.23	193.73	0.26	194.25	0.69	194.77	23.52
193.22	0.23	193.74	0.26	194.26	0.76	194.78	24.69
193.23	0.23	193.75	0.26	194.27	0.82	194.79	25.88
193.24	0.23	193.76	0.26	194.28	0.89	194.80	27.11
193.25	0.23	193.77	0.26	194.29	0.96	194.81	28.35
193.26	0.23	193.78	0.26	194.30	1.04	194.82	29.63
193.27	0.23	193.79	0.26	194.31	1.11	194.83	30.93
193.28	0.23	193.80	0.26	194.32	1.19	194.84	32.25
193.29	0.23	193.81	0.26	194.33	1.27	194.85	33.60
193.30	0.23	193.82	0.26	194.34	1.36	194.86	34.97
193.31	0.23	193.83	0.26	194.35	1.44	194.87	36.37
193.32	0.23	193.84	0.26	194.36	1.53	194.88	37.79
193.33	0.23	193.85	0.26	194.37	1.62	194.89	39.24
193.34	0.23	193.86	0.26	194.38	1.71	194.90	40.72
193.35	0.23	193.87	0.26	194.39	1.81	194.91	42.24
193.36	0.23	193.88	0.26	194.40	1.90	194.92	43.80
193.37	0.24	193.89	0.26	194.41	2.00	194.93	45.38
193.38	0.24	193.90	0.26	194.42	2.10	194.94	46.98
193.39	0.24	193.91	0.26	194.43	2.20	194.95	48.62
193.40	0.24	193.92	0.26	194.44	2.30	194.96	50.28
193.41	0.24	193.93	0.27	194.45	2.41	194.97	51.97
193.42	0.24	193.94	0.27	194.46	2.51	194.98	53.68
193.43	0.24	193.95	0.27	194.47	2.62	194.99	55.42
193.44	0.24	193.96	0.27	194.48	2.73	195.00	57.19
193.45	0.24	193.97	0.27	194.49	2.84		
193.46	0.24	193.98	0.27	194.50	2.95		
193.47	0.24	193.99	0.27	194.51	3.18		
193.48	0.24	194.00	0.27	194.52	3.51		
193.49	0.24	194.01	0.27	194.53	3.91		
193.50	0.24	194.02	0.27	194.54	4.36		
193.51	0.24	194.03	0.27	194.55	4.85		
193.52	0.24	194.04	0.27	194.56	5.38		
193.53	0.24	194.05	0.27	194.57	5.96		
193.54	0.24	194.06	0.27	194.58	6.56		
193.55	0.25	194.07	0.27	194.59	7.20		
193.56	0.25	194.08	0.27	194.60	7.87		
193.57	0.25	194.09	0.27	194.61	8.58		
193.58	0.25	194.10	0.27	194.62	9.31		
193.59	0.25	194.11	0.27	194.63	10.06		

Stage-Area-Storage for Pond B-34: Basin #34

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	9,057	0	191.52	9,057	4,710
191.01	9,057	91	191.53	9,057	4,800
191.02	9,057	181	191.54	9,057	4,891
191.03	9,057	272	191.55	9,057	4,981
191.04	9,057	362	191.56	9,057	5,072
191.05	9,057	453	191.57	9,057	5,162
191.06	9,057	543	191.58	9,057	5,253
191.07	9,057	634	191.59	9,057	5,344
191.08	9,057	725	191.60	9,057	5,434
191.09	9,057	815	191.61	9,057	5,525
191.10	9,057	906	191.62	9,057	5,615
191.11	9,057	996	191.63	9,057	5,706
191.12	9,057	1,087	191.64	9,057	5,796
191.13	9,057	1,177	191.65	9,057	5,887
191.14	9,057	1,268	191.66	9,057	5,978
191.15	9,057	1,359	191.67	9,057	6,068
191.16	9,057	1,449	191.68	9,057	6,159
191.17	9,057	1,540	191.69	9,057	6,249
191.18	9,057	1,630	191.70	9,057	6,340
191.19	9,057	1,721	191.71	9,057	6,430
191.20	9,057	1,811	191.72	9,057	6,521
191.21	9,057	1,902	191.73	9,057	6,612
191.22	9,057	1,993	191.74	9,057	6,702
191.23	9,057	2,083	191.75	9,057	6,793
191.24	9,057	2,174	191.76	9,057	6,883
191.25	9,057	2,264	191.77	9,057	6,974
191.26	9,057	2,355	191.78	9,057	7,064
191.27	9,057	2,445	191.79	9,057	7,155
191.28	9,057	2,536	191.80	9,057	7,246
191.29	9,057	2,627	191.81	9,057	7,336
191.30	9,057	2,717	191.82	9,057	7,427
191.31	9,057	2,808	191.83	9,057	7,517
191.32	9,057	2,898	191.84	9,057	7,608
191.33	9,057	2,989	191.85	9,057	7,698
191.34	9,057	3,079	191.86	9,057	7,789
191.35	9,057	3,170	191.87	9,057	7,880
191.36	9,057	3,261	191.88	9,057	7,970
191.37	9,057	3,351	191.89	9,057	8,061
191.38	9,057	3,442	191.90	9,057	8,151
191.39	9,057	3,532	191.91	9,057	8,242
191.40	9,057	3,623	191.92	9,057	8,332
191.41	9,057	3,713	191.93	9,057	8,423
191.42	9,057	3,804	191.94	9,057	8,514
191.43	9,057	3,895	191.95	9,057	8,604
191.44	9,057	3,985	191.96	9,057	8,695
191.45	9,057	4,076	191.97	9,057	8,785
191.46	9,057	4,166	191.98	9,057	8,876
191.47	9,057	4,257	191.99	9,057	8,966
191.48	9,057	4,347	192.00	9,057	9,057
191.49	9,057	4,438	192.01	9,057	9,148
191.50	9,057	4,529	192.02	9,057	9,238
191.51	9,057	4,619	192.03	9,057	9,329

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	9,057	9,419	192.56	9,057	14,129
192.05	9,057	9,510	192.57	9,057	14,219
192.06	9,057	9,600	192.58	9,057	14,310
192.07	9,057	9,691	192.59	9,057	14,401
192.08	9,057	9,782	192.60	9,057	14,491
192.09	9,057	9,872	192.61	9,057	14,582
192.10	9,057	9,963	192.62	9,057	14,672
192.11	9,057	10,053	192.63	9,057	14,763
192.12	9,057	10,144	192.64	9,057	14,853
192.13	9,057	10,234	192.65	9,057	14,944
192.14	9,057	10,325	192.66	9,057	15,035
192.15	9,057	10,416	192.67	9,057	15,125
192.16	9,057	10,506	192.68	9,057	15,216
192.17	9,057	10,597	192.69	9,057	15,306
192.18	9,057	10,687	192.70	9,057	15,397
192.19	9,057	10,778	192.71	9,057	15,487
192.20	9,057	10,868	192.72	9,057	15,578
192.21	9,057	10,959	192.73	9,057	15,669
192.22	9,057	11,050	192.74	9,057	15,759
192.23	9,057	11,140	192.75	9,057	15,850
192.24	9,057	11,231	192.76	9,057	15,940
192.25	9,057	11,321	192.77	9,057	16,031
192.26	9,057	11,412	192.78	9,057	16,121
192.27	9,057	11,502	192.79	9,057	16,212
192.28	9,057	11,593	192.80	9,057	16,303
192.29	9,057	11,684	192.81	9,057	16,393
192.30	9,057	11,774	192.82	9,057	16,484
192.31	9,057	11,865	192.83	9,057	16,574
192.32	9,057	11,955	192.84	9,057	16,665
192.33	9,057	12,046	192.85	9,057	16,755
192.34	9,057	12,136	192.86	9,057	16,846
192.35	9,057	12,227	192.87	9,057	16,937
192.36	9,057	12,318	192.88	9,057	17,027
192.37	9,057	12,408	192.89	9,057	17,118
192.38	9,057	12,499	192.90	9,057	17,208
192.39	9,057	12,589	192.91	9,057	17,299
192.40	9,057	12,680	192.92	9,057	17,389
192.41	9,057	12,770	192.93	9,057	17,480
192.42	9,057	12,861	192.94	9,057	17,571
192.43	9,057	12,952	192.95	9,057	17,661
192.44	9,057	13,042	192.96	9,057	17,752
192.45	9,057	13,133	192.97	9,057	17,842
192.46	9,057	13,223	192.98	9,057	17,933
192.47	9,057	13,314	192.99	9,057	18,023
192.48	9,057	13,404	193.00	9,057	18,114
192.49	9,057	13,495	193.01	9,057	18,205
192.50	9,057	13,586	193.02	9,057	18,295
192.51	9,057	13,676	193.03	9,057	18,386
192.52	9,057	13,767	193.04	9,057	18,476
192.53	9,057	13,857	193.05	9,057	18,567
192.54	9,057	13,948	193.06	9,057	18,657
192.55	9,057	14,038	193.07	9,057	18,748

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	9,057	18,839	193.60	9,057	23,548
193.09	9,057	18,929	193.61	9,057	23,639
193.10	9,057	19,020	193.62	9,057	23,729
193.11	9,057	19,110	193.63	9,057	23,820
193.12	9,057	19,201	193.64	9,057	23,910
193.13	9,057	19,291	193.65	9,057	24,001
193.14	9,057	19,382	193.66	9,057	24,092
193.15	9,057	19,473	193.67	9,057	24,182
193.16	9,057	19,563	193.68	9,057	24,273
193.17	9,057	19,654	193.69	9,057	24,363
193.18	9,057	19,744	193.70	9,057	24,454
193.19	9,057	19,835	193.71	9,057	24,544
193.20	9,057	19,925	193.72	9,057	24,635
193.21	9,057	20,016	193.73	9,057	24,726
193.22	9,057	20,107	193.74	9,057	24,816
193.23	9,057	20,197	193.75	9,057	24,907
193.24	9,057	20,288	193.76	9,057	24,997
193.25	9,057	20,378	193.77	9,057	25,088
193.26	9,057	20,469	193.78	9,057	25,178
193.27	9,057	20,559	193.79	9,057	25,269
193.28	9,057	20,650	193.80	9,057	25,360
193.29	9,057	20,741	193.81	9,057	25,450
193.30	9,057	20,831	193.82	9,057	25,541
193.31	9,057	20,922	193.83	9,057	25,631
193.32	9,057	21,012	193.84	9,057	25,722
193.33	9,057	21,103	193.85	9,057	25,812
193.34	9,057	21,193	193.86	9,057	25,903
193.35	9,057	21,284	193.87	9,057	25,994
193.36	9,057	21,375	193.88	9,057	26,084
193.37	9,057	21,465	193.89	9,057	26,175
193.38	9,057	21,556	193.90	9,057	26,265
193.39	9,057	21,646	193.91	9,057	26,356
193.40	9,057	21,737	193.92	9,057	26,446
193.41	9,057	21,827	193.93	9,057	26,537
193.42	9,057	21,918	193.94	9,057	26,628
193.43	9,057	22,009	193.95	9,057	26,718
193.44	9,057	22,099	193.96	9,057	26,809
193.45	9,057	22,190	193.97	9,057	26,899
193.46	9,057	22,280	193.98	9,057	26,990
193.47	9,057	22,371	193.99	9,057	27,080
193.48	9,057	22,461	194.00	9,057	27,171
193.49	9,057	22,552	194.01	9,057	27,262
193.50	9,057	22,643	194.02	9,057	27,352
193.51	9,057	22,733	194.03	9,057	27,443
193.52	9,057	22,824	194.04	9,057	27,533
193.53	9,057	22,914	194.05	9,057	27,624
193.54	9,057	23,005	194.06	9,057	27,714
193.55	9,057	23,095	194.07	9,057	27,805
193.56	9,057	23,186	194.08	9,057	27,896
193.57	9,057	23,276	194.09	9,057	27,986
193.58	9,057	23,367	194.10	9,057	28,077
193.59	9,057	23,458	194.11	9,057	28,167

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	9,057	28,258	194.64	9,057	32,967
194.13	9,057	28,348	194.65	9,057	33,058
194.14	9,057	28,439	194.66	9,057	33,149
194.15	9,057	28,530	194.67	9,057	33,239
194.16	9,057	28,620	194.68	9,057	33,330
194.17	9,057	28,711	194.69	9,057	33,420
194.18	9,057	28,801	194.70	9,057	33,511
194.19	9,057	28,892	194.71	9,057	33,601
194.20	9,057	28,982	194.72	9,057	33,692
194.21	9,057	29,073	194.73	9,057	33,783
194.22	9,057	29,164	194.74	9,057	33,873
194.23	9,057	29,254	194.75	9,057	33,964
194.24	9,057	29,345	194.76	9,057	34,054
194.25	9,057	29,435	194.77	9,057	34,145
194.26	9,057	29,526	194.78	9,057	34,235
194.27	9,057	29,616	194.79	9,057	34,326
194.28	9,057	29,707	194.80	9,057	34,417
194.29	9,057	29,798	194.81	9,057	34,507
194.30	9,057	29,888	194.82	9,057	34,598
194.31	9,057	29,979	194.83	9,057	34,688
194.32	9,057	30,069	194.84	9,057	34,779
194.33	9,057	30,160	194.85	9,057	34,869
194.34	9,057	30,250	194.86	9,057	34,960
194.35	9,057	30,341	194.87	9,057	35,051
194.36	9,057	30,432	194.88	9,057	35,141
194.37	9,057	30,522	194.89	9,057	35,232
194.38	9,057	30,613	194.90	9,057	35,322
194.39	9,057	30,703	194.91	9,057	35,413
194.40	9,057	30,794	194.92	9,057	35,503
194.41	9,057	30,884	194.93	9,057	35,594
194.42	9,057	30,975	194.94	9,057	35,685
194.43	9,057	31,066	194.95	9,057	35,775
194.44	9,057	31,156	194.96	9,057	35,866
194.45	9,057	31,247	194.97	9,057	35,956
194.46	9,057	31,337	194.98	9,057	36,047
194.47	9,057	31,428	194.99	9,057	36,137
194.48	9,057	31,518	195.00	9,057	36,228
194.49	9,057	31,609			
194.50	9,057	31,700			
194.51	9,057	31,790			
194.52	9,057	31,881			
194.53	9,057	31,971			
194.54	9,057	32,062			
194.55	9,057	32,152			
194.56	9,057	32,243			
194.57	9,057	32,333			
194.58	9,057	32,424			
194.59	9,057	32,515			
194.60	9,057	32,605			
194.61	9,057	32,696			
194.62	9,057	32,786			
194.63	9,057	32,877			

Summary for Pond B-35: Basin #35

Inflow Area = 1.957 ac, 66.79% Impervious, Inflow Depth = 2.91" for Future 2 yr event
 Inflow = 7.13 cfs @ 12.09 hrs, Volume= 0.474 af
 Outflow = 0.38 cfs @ 13.49 hrs, Volume= 0.346 af, Atten= 95%, Lag= 84.3 min
 Primary = 0.38 cfs @ 13.49 hrs, Volume= 0.346 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 191.55' @ 13.49 hrs Surf.Area= 8,819 sf Storage= 13,666 cf

Plug-Flow detention time= 469.7 min calculated for 0.346 af (73% of inflow)
 Center-of-Mass det. time= 374.7 min (1,142.7 - 768.0)

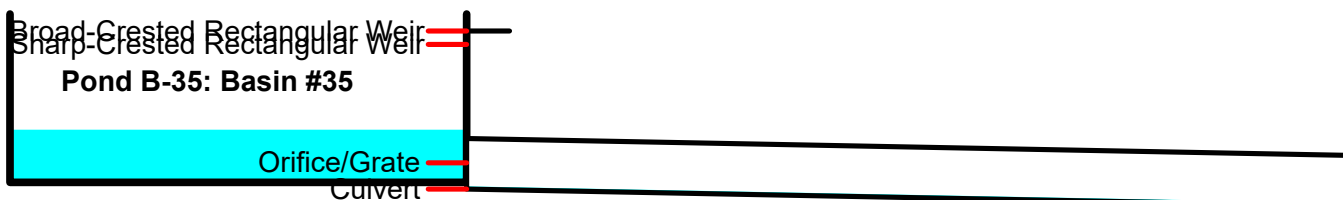
Volume	Invert	Avail.Storage	Storage Description
#1	190.00'	44,095 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

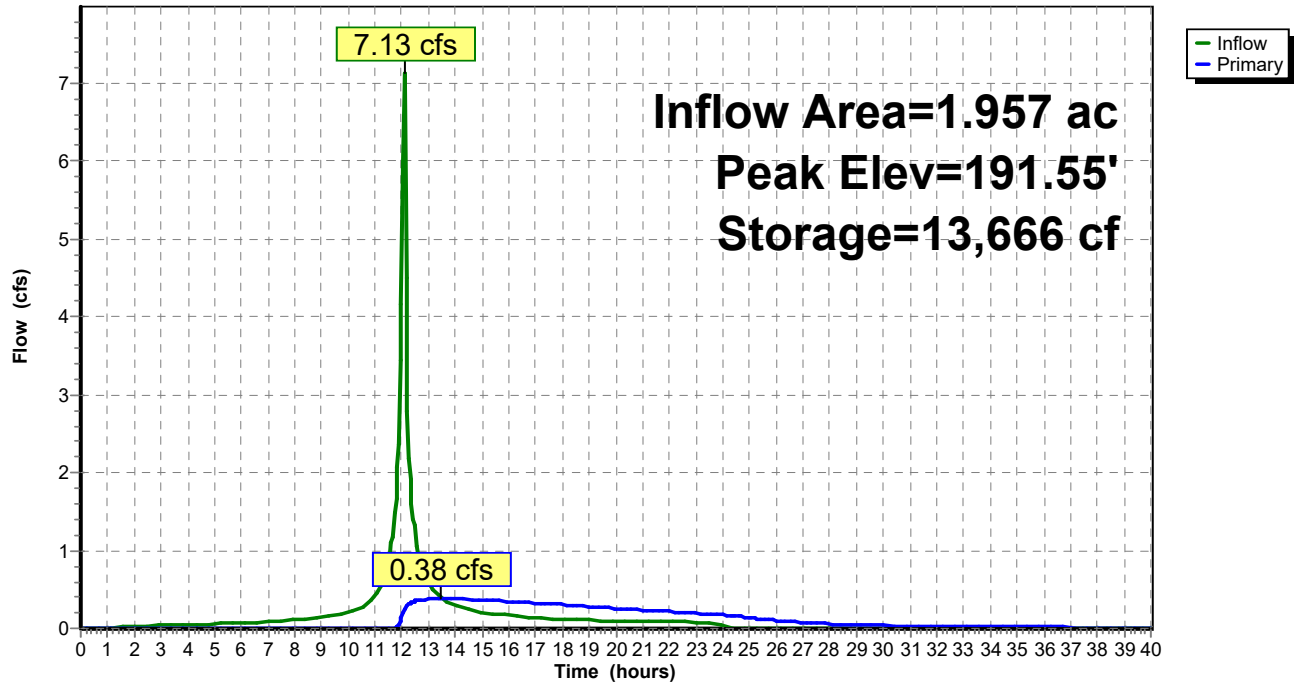
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
190.00	8,819	0	0
191.00	8,819	8,819	8,819
192.00	8,819	8,819	17,638
193.00	8,819	8,819	26,457
194.00	8,819	8,819	35,276
195.00	8,819	8,819	44,095

Device	Routing	Invert	Outlet Devices
#1	Primary	189.80'	18.0" Round Culvert L= 103.0' Ke= 0.500 Inlet / Outlet Invert= 189.80' / 189.30' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	190.58'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.10'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.38 cfs @ 13.49 hrs HW=191.55' (Free Discharge)

1=Culvert (Passes 0.38 cfs of 7.39 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.38 cfs @ 4.31 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-35: Basin #35**Hydrograph**

Hydrograph for Pond B-35: Basin #35

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	190.00	0.00
0.10	0.00	0	190.00	0.00
0.20	0.00	0	190.00	0.00
0.30	0.00	0	190.00	0.00
0.40	0.00	0	190.00	0.00
0.50	0.00	0	190.00	0.00
0.60	0.00	0	190.00	0.00
0.70	0.00	0	190.00	0.00
0.80	0.00	0	190.00	0.00
0.90	0.00	0	190.00	0.00
1.00	0.00	0	190.00	0.00
1.10	0.00	0	190.00	0.00
1.20	0.00	2	190.00	0.00
1.30	0.01	3	190.00	0.00
1.40	0.01	6	190.00	0.00
1.50	0.01	10	190.00	0.00
1.60	0.01	14	190.00	0.00
1.70	0.01	19	190.00	0.00
1.80	0.02	24	190.00	0.00
1.90	0.02	31	190.00	0.00
2.00	0.02	37	190.00	0.00
2.10	0.02	45	190.01	0.00
2.20	0.02	53	190.01	0.00
2.30	0.03	62	190.01	0.00
2.40	0.03	71	190.01	0.00
2.50	0.03	81	190.01	0.00
2.60	0.03	91	190.01	0.00
2.70	0.03	102	190.01	0.00
2.80	0.03	113	190.01	0.00
2.90	0.03	125	190.01	0.00
3.00	0.04	138	190.02	0.00
3.10	0.04	151	190.02	0.00
3.20	0.04	164	190.02	0.00
3.30	0.04	178	190.02	0.00
3.40	0.04	192	190.02	0.00
3.50	0.04	207	190.02	0.00
3.60	0.04	222	190.03	0.00
3.70	0.04	237	190.03	0.00
3.80	0.04	253	190.03	0.00
3.90	0.05	270	190.03	0.00
4.00	0.05	287	190.03	0.00
4.10	0.05	304	190.03	0.00
4.20	0.05	321	190.04	0.00
4.30	0.05	339	190.04	0.00
4.40	0.05	358	190.04	0.00
4.50	0.05	376	190.04	0.00
4.60	0.05	395	190.04	0.00
4.70	0.05	415	190.05	0.00
4.80	0.06	435	190.05	0.00
4.90	0.06	455	190.05	0.00
5.00	0.06	475	190.05	0.00
5.10	0.06	496	190.06	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	517	190.06	0.00
5.30	0.06	538	190.06	0.00
5.40	0.06	560	190.06	0.00
5.50	0.06	582	190.07	0.00
5.60	0.06	605	190.07	0.00
5.70	0.06	627	190.07	0.00
5.80	0.06	650	190.07	0.00
5.90	0.07	674	190.08	0.00
6.00	0.07	697	190.08	0.00
6.10	0.07	721	190.08	0.00
6.20	0.07	746	190.08	0.00
6.30	0.07	772	190.09	0.00
6.40	0.07	798	190.09	0.00
6.50	0.08	826	190.09	0.00
6.60	0.08	854	190.10	0.00
6.70	0.08	882	190.10	0.00
6.80	0.08	912	190.10	0.00
6.90	0.08	942	190.11	0.00
7.00	0.09	973	190.11	0.00
7.10	0.09	1,005	190.11	0.00
7.20	0.09	1,037	190.12	0.00
7.30	0.09	1,071	190.12	0.00
7.40	0.10	1,105	190.13	0.00
7.50	0.10	1,140	190.13	0.00
7.60	0.10	1,175	190.13	0.00
7.70	0.10	1,212	190.14	0.00
7.80	0.10	1,249	190.14	0.00
7.90	0.11	1,287	190.15	0.00
8.00	0.11	1,326	190.15	0.00
8.10	0.11	1,366	190.15	0.00
8.20	0.11	1,406	190.16	0.00
8.30	0.12	1,447	190.16	0.00
8.40	0.12	1,489	190.17	0.00
8.50	0.12	1,532	190.17	0.00
8.60	0.12	1,576	190.18	0.00
8.70	0.12	1,620	190.18	0.00
8.80	0.13	1,665	190.19	0.00
8.90	0.13	1,711	190.19	0.00
9.00	0.13	1,758	190.20	0.00
9.10	0.14	1,806	190.20	0.00
9.20	0.15	1,858	190.21	0.00
9.30	0.15	1,912	190.22	0.00
9.40	0.16	1,968	190.22	0.00
9.50	0.17	2,027	190.23	0.00
9.60	0.18	2,089	190.24	0.00
9.70	0.18	2,154	190.24	0.00
9.80	0.19	2,222	190.25	0.00
9.90	0.20	2,292	190.26	0.00
10.00	0.21	2,365	190.27	0.00
10.10	0.21	2,441	190.28	0.00
10.20	0.22	2,519	190.29	0.00
10.30	0.23	2,601	190.29	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.24	2,687	190.30	0.00
10.50	0.25	2,775	190.31	0.00
10.60	0.28	2,872	190.33	0.00
10.70	0.31	2,979	190.34	0.00
10.80	0.34	3,097	190.35	0.00
10.90	0.38	3,228	190.37	0.00
11.00	0.41	3,369	190.38	0.00
11.10	0.47	3,529	190.40	0.00
11.20	0.53	3,710	190.42	0.00
11.30	0.59	3,913	190.44	0.00
11.40	0.66	4,139	190.47	0.00
11.50	0.72	4,387	190.50	0.00
11.60	1.10	4,723	190.54	0.00
11.70	1.20	5,139	190.58	0.00
11.80	1.66	5,660	190.64	0.01
11.90	2.37	6,387	190.72	0.05
12.00	4.17	7,563	190.86	0.14
12.10	7.05	9,581	191.09	0.24
12.20	2.78	11,174	191.27	0.30
12.30	1.91	11,877	191.35	0.33
12.40	1.40	12,342	191.40	0.34
12.50	1.32	12,705	191.44	0.35
12.60	0.88	12,963	191.47	0.36
12.70	0.81	13,134	191.49	0.36
12.80	0.74	13,279	191.51	0.37
12.90	0.67	13,399	191.52	0.37
13.00	0.60	13,492	191.53	0.37
13.10	0.53	13,559	191.54	0.37
13.20	0.49	13,606	191.54	0.37
13.30	0.45	13,640	191.55	0.38
13.40	0.41	13,660	191.55	0.38
13.50	0.38	13,666	191.55	0.38
13.60	0.34	13,658	191.55	0.38
13.70	0.33	13,643	191.55	0.38
13.80	0.32	13,623	191.54	0.38
13.90	0.31	13,601	191.54	0.37
14.00	0.30	13,575	191.54	0.37
14.10	0.29	13,546	191.54	0.37
14.20	0.28	13,514	191.53	0.37
14.30	0.27	13,479	191.53	0.37
14.40	0.26	13,440	191.52	0.37
14.50	0.25	13,398	191.52	0.37
14.60	0.24	13,353	191.51	0.37
14.70	0.23	13,305	191.51	0.37
14.80	0.22	13,254	191.50	0.37
14.90	0.21	13,199	191.50	0.36
15.00	0.20	13,142	191.49	0.36
15.10	0.19	13,082	191.48	0.36
15.20	0.19	13,020	191.48	0.36
15.30	0.18	12,957	191.47	0.36
15.40	0.18	12,895	191.46	0.36
15.50	0.18	12,832	191.46	0.35

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.18	12,769	191.45	0.35
15.70	0.17	12,705	191.44	0.35
15.80	0.17	12,642	191.43	0.35
15.90	0.17	12,578	191.43	0.35
16.00	0.17	12,513	191.42	0.34
16.10	0.16	12,449	191.41	0.34
16.20	0.16	12,384	191.40	0.34
16.30	0.16	12,319	191.40	0.34
16.40	0.16	12,253	191.39	0.34
16.50	0.15	12,188	191.38	0.33
16.60	0.15	12,122	191.37	0.33
16.70	0.15	12,056	191.37	0.33
16.80	0.14	11,989	191.36	0.33
16.90	0.14	11,923	191.35	0.33
17.00	0.14	11,856	191.34	0.32
17.10	0.14	11,789	191.34	0.32
17.20	0.13	11,722	191.33	0.32
17.30	0.13	11,654	191.32	0.32
17.40	0.13	11,587	191.31	0.32
17.50	0.13	11,519	191.31	0.31
17.60	0.12	11,451	191.30	0.31
17.70	0.12	11,383	191.29	0.31
17.80	0.12	11,315	191.28	0.31
17.90	0.12	11,246	191.28	0.31
18.00	0.11	11,178	191.27	0.30
18.10	0.11	11,109	191.26	0.30
18.20	0.11	11,040	191.25	0.30
18.30	0.11	10,972	191.24	0.30
18.40	0.11	10,905	191.24	0.29
18.50	0.11	10,838	191.23	0.29
18.60	0.11	10,772	191.22	0.29
18.70	0.11	10,706	191.21	0.29
18.80	0.11	10,641	191.21	0.28
18.90	0.10	10,577	191.20	0.28
19.00	0.10	10,513	191.19	0.28
19.10	0.10	10,450	191.18	0.28
19.20	0.10	10,387	191.18	0.28
19.30	0.10	10,325	191.17	0.27
19.40	0.10	10,263	191.16	0.27
19.50	0.10	10,202	191.16	0.27
19.60	0.10	10,142	191.15	0.27
19.70	0.10	10,082	191.14	0.26
19.80	0.10	10,023	191.14	0.26
19.90	0.10	9,964	191.13	0.26
20.00	0.10	9,906	191.12	0.26
20.10	0.10	9,849	191.12	0.26
20.20	0.10	9,792	191.11	0.25
20.30	0.10	9,735	191.10	0.25
20.40	0.09	9,679	191.10	0.25
20.50	0.09	9,624	191.09	0.25
20.60	0.09	9,569	191.09	0.24
20.70	0.09	9,515	191.08	0.24

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	9,462	191.07	0.24
20.90	0.09	9,409	191.07	0.24
21.00	0.09	9,356	191.06	0.24
21.10	0.09	9,304	191.06	0.23
21.20	0.09	9,253	191.05	0.23
21.30	0.09	9,202	191.04	0.23
21.40	0.09	9,152	191.04	0.23
21.50	0.09	9,102	191.03	0.22
21.60	0.09	9,053	191.03	0.22
21.70	0.09	9,005	191.02	0.22
21.80	0.09	8,957	191.02	0.22
21.90	0.08	8,909	191.01	0.22
22.00	0.08	8,862	191.00	0.21
22.10	0.08	8,816	191.00	0.21
22.20	0.08	8,770	190.99	0.21
22.30	0.08	8,725	190.99	0.21
22.40	0.08	8,680	190.98	0.20
22.50	0.08	8,636	190.98	0.20
22.60	0.08	8,592	190.97	0.20
22.70	0.08	8,549	190.97	0.20
22.80	0.08	8,507	190.96	0.20
22.90	0.08	8,465	190.96	0.19
23.00	0.08	8,423	190.96	0.19
23.10	0.08	8,382	190.95	0.19
23.20	0.08	8,342	190.95	0.19
23.30	0.07	8,302	190.94	0.19
23.40	0.07	8,262	190.94	0.18
23.50	0.07	8,224	190.93	0.18
23.60	0.07	8,185	190.93	0.18
23.70	0.07	8,147	190.92	0.18
23.80	0.07	8,110	190.92	0.18
23.90	0.07	8,073	190.92	0.17
24.00	0.09	8,039	190.91	0.17
24.10	0.00	7,993	190.91	0.17
24.20	0.00	7,933	190.90	0.17
24.30	0.00	7,874	190.89	0.16
24.40	0.00	7,817	190.89	0.16
24.50	0.00	7,761	190.88	0.15
24.60	0.00	7,707	190.87	0.15
24.70	0.00	7,654	190.87	0.15
24.80	0.00	7,602	190.86	0.14
24.90	0.00	7,552	190.86	0.14
25.00	0.00	7,503	190.85	0.13
25.10	0.00	7,455	190.85	0.13
25.20	0.00	7,409	190.84	0.13
25.30	0.00	7,364	190.83	0.12
25.40	0.00	7,320	190.83	0.12
25.50	0.00	7,278	190.83	0.12
25.60	0.00	7,237	190.82	0.11
25.70	0.00	7,197	190.82	0.11
25.80	0.00	7,158	190.81	0.11
25.90	0.00	7,120	190.81	0.10

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,084	190.80	0.10
26.10	0.00	7,048	190.80	0.10
26.20	0.00	7,014	190.80	0.09
26.30	0.00	6,980	190.79	0.09
26.40	0.00	6,948	190.79	0.09
26.50	0.00	6,916	190.78	0.09
26.60	0.00	6,886	190.78	0.08
26.70	0.00	6,856	190.78	0.08
26.80	0.00	6,827	190.77	0.08
26.90	0.00	6,798	190.77	0.08
27.00	0.00	6,771	190.77	0.08
27.10	0.00	6,744	190.76	0.07
27.20	0.00	6,718	190.76	0.07
27.30	0.00	6,693	190.76	0.07
27.40	0.00	6,669	190.76	0.07
27.50	0.00	6,645	190.75	0.07
27.60	0.00	6,622	190.75	0.06
27.70	0.00	6,599	190.75	0.06
27.80	0.00	6,577	190.75	0.06
27.90	0.00	6,556	190.74	0.06
28.00	0.00	6,535	190.74	0.06
28.10	0.00	6,514	190.74	0.06
28.20	0.00	6,494	190.74	0.05
28.30	0.00	6,475	190.73	0.05
28.40	0.00	6,456	190.73	0.05
28.50	0.00	6,437	190.73	0.05
28.60	0.00	6,419	190.73	0.05
28.70	0.00	6,401	190.73	0.05
28.80	0.00	6,384	190.72	0.05
28.90	0.00	6,367	190.72	0.05
29.00	0.00	6,351	190.72	0.05
29.10	0.00	6,335	190.72	0.04
29.20	0.00	6,319	190.72	0.04
29.30	0.00	6,304	190.71	0.04
29.40	0.00	6,289	190.71	0.04
29.50	0.00	6,274	190.71	0.04
29.60	0.00	6,260	190.71	0.04
29.70	0.00	6,246	190.71	0.04
29.80	0.00	6,232	190.71	0.04
29.90	0.00	6,219	190.71	0.04
30.00	0.00	6,206	190.70	0.04
30.10	0.00	6,193	190.70	0.03
30.20	0.00	6,181	190.70	0.03
30.30	0.00	6,169	190.70	0.03
30.40	0.00	6,157	190.70	0.03
30.50	0.00	6,146	190.70	0.03
30.60	0.00	6,134	190.70	0.03
30.70	0.00	6,123	190.69	0.03
30.80	0.00	6,112	190.69	0.03
30.90	0.00	6,101	190.69	0.03
31.00	0.00	6,090	190.69	0.03
31.10	0.00	6,080	190.69	0.03

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,070	190.69	0.03
31.30	0.00	6,060	190.69	0.03
31.40	0.00	6,050	190.69	0.03
31.50	0.00	6,040	190.68	0.03
31.60	0.00	6,030	190.68	0.03
31.70	0.00	6,021	190.68	0.03
31.80	0.00	6,011	190.68	0.03
31.90	0.00	6,002	190.68	0.03
32.00	0.00	5,993	190.68	0.02
32.10	0.00	5,985	190.68	0.02
32.20	0.00	5,976	190.68	0.02
32.30	0.00	5,968	190.68	0.02
32.40	0.00	5,959	190.68	0.02
32.50	0.00	5,951	190.67	0.02
32.60	0.00	5,943	190.67	0.02
32.70	0.00	5,935	190.67	0.02
32.80	0.00	5,927	190.67	0.02
32.90	0.00	5,920	190.67	0.02
33.00	0.00	5,912	190.67	0.02
33.10	0.00	5,905	190.67	0.02
33.20	0.00	5,897	190.67	0.02
33.30	0.00	5,890	190.67	0.02
33.40	0.00	5,883	190.67	0.02
33.50	0.00	5,876	190.67	0.02
33.60	0.00	5,870	190.67	0.02
33.70	0.00	5,863	190.66	0.02
33.80	0.00	5,856	190.66	0.02
33.90	0.00	5,850	190.66	0.02
34.00	0.00	5,844	190.66	0.02
34.10	0.00	5,837	190.66	0.02
34.20	0.00	5,831	190.66	0.02
34.30	0.00	5,825	190.66	0.02
34.40	0.00	5,819	190.66	0.02
34.50	0.00	5,814	190.66	0.02
34.60	0.00	5,808	190.66	0.02
34.70	0.00	5,802	190.66	0.02
34.80	0.00	5,797	190.66	0.02
34.90	0.00	5,791	190.66	0.01
35.00	0.00	5,786	190.66	0.01
35.10	0.00	5,781	190.66	0.01
35.20	0.00	5,776	190.65	0.01
35.30	0.00	5,771	190.65	0.01
35.40	0.00	5,766	190.65	0.01
35.50	0.00	5,761	190.65	0.01
35.60	0.00	5,756	190.65	0.01
35.70	0.00	5,752	190.65	0.01
35.80	0.00	5,747	190.65	0.01
35.90	0.00	5,742	190.65	0.01
36.00	0.00	5,738	190.65	0.01
36.10	0.00	5,734	190.65	0.01
36.20	0.00	5,729	190.65	0.01
36.30	0.00	5,725	190.65	0.01

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,721	190.65	0.01
36.50	0.00	5,717	190.65	0.01
36.60	0.00	5,712	190.65	0.01
36.70	0.00	5,708	190.65	0.01
36.80	0.00	5,704	190.65	0.01
36.90	0.00	5,700	190.65	0.01
37.00	0.00	5,696	190.65	0.01
37.10	0.00	5,692	190.65	0.01
37.20	0.00	5,688	190.64	0.01
37.30	0.00	5,684	190.64	0.01
37.40	0.00	5,680	190.64	0.01
37.50	0.00	5,677	190.64	0.01
37.60	0.00	5,673	190.64	0.01
37.70	0.00	5,669	190.64	0.01
37.80	0.00	5,665	190.64	0.01
37.90	0.00	5,662	190.64	0.01
38.00	0.00	5,658	190.64	0.01
38.10	0.00	5,654	190.64	0.01
38.20	0.00	5,651	190.64	0.01
38.30	0.00	5,647	190.64	0.01
38.40	0.00	5,644	190.64	0.01
38.50	0.00	5,640	190.64	0.01
38.60	0.00	5,637	190.64	0.01
38.70	0.00	5,633	190.64	0.01
38.80	0.00	5,630	190.64	0.01
38.90	0.00	5,626	190.64	0.01
39.00	0.00	5,623	190.64	0.01
39.10	0.00	5,620	190.64	0.01
39.20	0.00	5,616	190.64	0.01
39.30	0.00	5,613	190.64	0.01
39.40	0.00	5,610	190.64	0.01
39.50	0.00	5,607	190.64	0.01
39.60	0.00	5,603	190.64	0.01
39.70	0.00	5,600	190.64	0.01
39.80	0.00	5,597	190.63	0.01
39.90	0.00	5,594	190.63	0.01
40.00	0.00	5,591	190.63	0.01

Stage-Discharge for Pond B-35: Basin #35

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.00	0.00	190.52	0.00	191.04	0.23	191.56	0.38
190.01	0.00	190.53	0.00	191.05	0.23	191.57	0.38
190.02	0.00	190.54	0.00	191.06	0.24	191.58	0.38
190.03	0.00	190.55	0.00	191.07	0.24	191.59	0.39
190.04	0.00	190.56	0.00	191.08	0.24	191.60	0.39
190.05	0.00	190.57	0.00	191.09	0.25	191.61	0.39
190.06	0.00	190.58	0.00	191.10	0.25	191.62	0.39
190.07	0.00	190.59	0.00	191.11	0.25	191.63	0.39
190.08	0.00	190.60	0.00	191.12	0.26	191.64	0.40
190.09	0.00	190.61	0.00	191.13	0.26	191.65	0.40
190.10	0.00	190.62	0.00	191.14	0.26	191.66	0.40
190.11	0.00	190.63	0.01	191.15	0.27	191.67	0.40
190.12	0.00	190.64	0.01	191.16	0.27	191.68	0.41
190.13	0.00	190.65	0.01	191.17	0.27	191.69	0.41
190.14	0.00	190.66	0.02	191.18	0.28	191.70	0.41
190.15	0.00	190.67	0.02	191.19	0.28	191.71	0.41
190.16	0.00	190.68	0.02	191.20	0.28	191.72	0.41
190.17	0.00	190.69	0.03	191.21	0.29	191.73	0.42
190.18	0.00	190.70	0.03	191.22	0.29	191.74	0.42
190.19	0.00	190.71	0.04	191.23	0.29	191.75	0.42
190.20	0.00	190.72	0.04	191.24	0.30	191.76	0.42
190.21	0.00	190.73	0.05	191.25	0.30	191.77	0.43
190.22	0.00	190.74	0.06	191.26	0.30	191.78	0.43
190.23	0.00	190.75	0.06	191.27	0.30	191.79	0.43
190.24	0.00	190.76	0.07	191.28	0.31	191.80	0.43
190.25	0.00	190.77	0.08	191.29	0.31	191.81	0.43
190.26	0.00	190.78	0.08	191.30	0.31	191.82	0.44
190.27	0.00	190.79	0.09	191.31	0.32	191.83	0.44
190.28	0.00	190.80	0.10	191.32	0.32	191.84	0.44
190.29	0.00	190.81	0.10	191.33	0.32	191.85	0.44
190.30	0.00	190.82	0.11	191.34	0.32	191.86	0.44
190.31	0.00	190.83	0.12	191.35	0.33	191.87	0.45
190.32	0.00	190.84	0.13	191.36	0.33	191.88	0.45
190.33	0.00	190.85	0.13	191.37	0.33	191.89	0.45
190.34	0.00	190.86	0.14	191.38	0.33	191.90	0.45
190.35	0.00	190.87	0.15	191.39	0.34	191.91	0.45
190.36	0.00	190.88	0.15	191.40	0.34	191.92	0.46
190.37	0.00	190.89	0.16	191.41	0.34	191.93	0.46
190.38	0.00	190.90	0.17	191.42	0.34	191.94	0.46
190.39	0.00	190.91	0.17	191.43	0.35	191.95	0.46
190.40	0.00	190.92	0.17	191.44	0.35	191.96	0.46
190.41	0.00	190.93	0.18	191.45	0.35	191.97	0.46
190.42	0.00	190.94	0.18	191.46	0.35	191.98	0.47
190.43	0.00	190.95	0.19	191.47	0.36	191.99	0.47
190.44	0.00	190.96	0.19	191.48	0.36	192.00	0.47
190.45	0.00	190.97	0.20	191.49	0.36	192.01	0.47
190.46	0.00	190.98	0.20	191.50	0.36	192.02	0.47
190.47	0.00	190.99	0.21	191.51	0.37	192.03	0.48
190.48	0.00	191.00	0.21	191.52	0.37	192.04	0.48
190.49	0.00	191.01	0.22	191.53	0.37	192.05	0.48
190.50	0.00	191.02	0.22	191.54	0.37	192.06	0.48
190.51	0.00	191.03	0.22	191.55	0.38	192.07	0.48

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.08	0.49	192.60	0.57	193.12	0.65	193.64	0.71
192.09	0.49	192.61	0.57	193.13	0.65	193.65	0.72
192.10	0.49	192.62	0.58	193.14	0.65	193.66	0.72
192.11	0.49	192.63	0.58	193.15	0.65	193.67	0.72
192.12	0.49	192.64	0.58	193.16	0.65	193.68	0.72
192.13	0.49	192.65	0.58	193.17	0.65	193.69	0.72
192.14	0.50	192.66	0.58	193.18	0.66	193.70	0.72
192.15	0.50	192.67	0.58	193.19	0.66	193.71	0.72
192.16	0.50	192.68	0.58	193.20	0.66	193.72	0.72
192.17	0.50	192.69	0.59	193.21	0.66	193.73	0.73
192.18	0.50	192.70	0.59	193.22	0.66	193.74	0.73
192.19	0.50	192.71	0.59	193.23	0.66	193.75	0.73
192.20	0.51	192.72	0.59	193.24	0.66	193.76	0.73
192.21	0.51	192.73	0.59	193.25	0.66	193.77	0.73
192.22	0.51	192.74	0.59	193.26	0.67	193.78	0.73
192.23	0.51	192.75	0.59	193.27	0.67	193.79	0.73
192.24	0.51	192.76	0.60	193.28	0.67	193.80	0.73
192.25	0.52	192.77	0.60	193.29	0.67	193.81	0.74
192.26	0.52	192.78	0.60	193.30	0.67	193.82	0.74
192.27	0.52	192.79	0.60	193.31	0.67	193.83	0.74
192.28	0.52	192.80	0.60	193.32	0.67	193.84	0.74
192.29	0.52	192.81	0.60	193.33	0.68	193.85	0.74
192.30	0.52	192.82	0.61	193.34	0.68	193.86	0.74
192.31	0.53	192.83	0.61	193.35	0.68	193.87	0.74
192.32	0.53	192.84	0.61	193.36	0.68	193.88	0.74
192.33	0.53	192.85	0.61	193.37	0.68	193.89	0.74
192.34	0.53	192.86	0.61	193.38	0.68	193.90	0.75
192.35	0.53	192.87	0.61	193.39	0.68	193.91	0.75
192.36	0.53	192.88	0.61	193.40	0.68	193.92	0.75
192.37	0.54	192.89	0.62	193.41	0.69	193.93	0.75
192.38	0.54	192.90	0.62	193.42	0.69	193.94	0.75
192.39	0.54	192.91	0.62	193.43	0.69	193.95	0.75
192.40	0.54	192.92	0.62	193.44	0.69	193.96	0.75
192.41	0.54	192.93	0.62	193.45	0.69	193.97	0.75
192.42	0.54	192.94	0.62	193.46	0.69	193.98	0.76
192.43	0.55	192.95	0.62	193.47	0.69	193.99	0.76
192.44	0.55	192.96	0.63	193.48	0.69	194.00	0.76
192.45	0.55	192.97	0.63	193.49	0.70	194.01	0.76
192.46	0.55	192.98	0.63	193.50	0.70	194.02	0.76
192.47	0.55	192.99	0.63	193.51	0.70	194.03	0.76
192.48	0.55	193.00	0.63	193.52	0.70	194.04	0.76
192.49	0.55	193.01	0.63	193.53	0.70	194.05	0.76
192.50	0.56	193.02	0.63	193.54	0.70	194.06	0.76
192.51	0.56	193.03	0.63	193.55	0.70	194.07	0.77
192.52	0.56	193.04	0.64	193.56	0.70	194.08	0.77
192.53	0.56	193.05	0.64	193.57	0.71	194.09	0.77
192.54	0.56	193.06	0.64	193.58	0.71	194.10	0.77
192.55	0.56	193.07	0.64	193.59	0.71	194.11	0.78
192.56	0.57	193.08	0.64	193.60	0.71	194.12	0.81
192.57	0.57	193.09	0.64	193.61	0.71	194.13	0.84
192.58	0.57	193.10	0.64	193.62	0.71	194.14	0.88
192.59	0.57	193.11	0.65	193.63	0.71	194.15	0.92

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.16	0.97	194.68	15.46
194.17	1.02	194.69	16.37
194.18	1.07	194.70	17.30
194.19	1.13	194.71	18.29
194.20	1.19	194.72	19.31
194.21	1.26	194.73	20.36
194.22	1.32	194.74	21.43
194.23	1.39	194.75	22.53
194.24	1.47	194.76	23.65
194.25	1.54	194.77	24.80
194.26	1.62	194.78	25.98
194.27	1.70	194.79	27.18
194.28	1.78	194.80	28.41
194.29	1.86	194.81	29.66
194.30	1.95	194.82	30.94
194.31	2.04	194.83	32.24
194.32	2.13	194.84	33.57
194.33	2.22	194.85	34.92
194.34	2.32	194.86	36.30
194.35	2.41	194.87	37.71
194.36	2.51	194.88	39.14
194.37	2.61	194.89	40.59
194.38	2.71	194.90	42.07
194.39	2.82	194.91	43.60
194.40	2.92	194.92	45.16
194.41	3.03	194.93	46.75
194.42	3.14	194.94	48.36
194.43	3.25	194.95	50.00
194.44	3.36	194.96	51.66
194.45	3.47	194.97	53.35
194.46	3.58	194.98	55.07
194.47	3.70	194.99	56.82
194.48	3.82	195.00	58.60
194.49	3.94		
194.50	4.06		
194.51	4.30		
194.52	4.63		
194.53	5.03		
194.54	5.49		
194.55	5.99		
194.56	6.53		
194.57	7.11		
194.58	7.73		
194.59	8.37		
194.60	9.05		
194.61	9.76		
194.62	10.50		
194.63	11.26		
194.64	12.05		
194.65	12.86		
194.66	13.70		
194.67	14.57		

Stage-Area-Storage for Pond B-35: Basin #35

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.00	8,819	0	190.52	8,819	4,586
190.01	8,819	88	190.53	8,819	4,674
190.02	8,819	176	190.54	8,819	4,762
190.03	8,819	265	190.55	8,819	4,850
190.04	8,819	353	190.56	8,819	4,939
190.05	8,819	441	190.57	8,819	5,027
190.06	8,819	529	190.58	8,819	5,115
190.07	8,819	617	190.59	8,819	5,203
190.08	8,819	706	190.60	8,819	5,291
190.09	8,819	794	190.61	8,819	5,380
190.10	8,819	882	190.62	8,819	5,468
190.11	8,819	970	190.63	8,819	5,556
190.12	8,819	1,058	190.64	8,819	5,644
190.13	8,819	1,146	190.65	8,819	5,732
190.14	8,819	1,235	190.66	8,819	5,821
190.15	8,819	1,323	190.67	8,819	5,909
190.16	8,819	1,411	190.68	8,819	5,997
190.17	8,819	1,499	190.69	8,819	6,085
190.18	8,819	1,587	190.70	8,819	6,173
190.19	8,819	1,676	190.71	8,819	6,261
190.20	8,819	1,764	190.72	8,819	6,350
190.21	8,819	1,852	190.73	8,819	6,438
190.22	8,819	1,940	190.74	8,819	6,526
190.23	8,819	2,028	190.75	8,819	6,614
190.24	8,819	2,117	190.76	8,819	6,702
190.25	8,819	2,205	190.77	8,819	6,791
190.26	8,819	2,293	190.78	8,819	6,879
190.27	8,819	2,381	190.79	8,819	6,967
190.28	8,819	2,469	190.80	8,819	7,055
190.29	8,819	2,558	190.81	8,819	7,143
190.30	8,819	2,646	190.82	8,819	7,232
190.31	8,819	2,734	190.83	8,819	7,320
190.32	8,819	2,822	190.84	8,819	7,408
190.33	8,819	2,910	190.85	8,819	7,496
190.34	8,819	2,998	190.86	8,819	7,584
190.35	8,819	3,087	190.87	8,819	7,673
190.36	8,819	3,175	190.88	8,819	7,761
190.37	8,819	3,263	190.89	8,819	7,849
190.38	8,819	3,351	190.90	8,819	7,937
190.39	8,819	3,439	190.91	8,819	8,025
190.40	8,819	3,528	190.92	8,819	8,113
190.41	8,819	3,616	190.93	8,819	8,202
190.42	8,819	3,704	190.94	8,819	8,290
190.43	8,819	3,792	190.95	8,819	8,378
190.44	8,819	3,880	190.96	8,819	8,466
190.45	8,819	3,969	190.97	8,819	8,554
190.46	8,819	4,057	190.98	8,819	8,643
190.47	8,819	4,145	190.99	8,819	8,731
190.48	8,819	4,233	191.00	8,819	8,819
190.49	8,819	4,321	191.01	8,819	8,907
190.50	8,819	4,410	191.02	8,819	8,995
190.51	8,819	4,498	191.03	8,819	9,084

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.04	8,819	9,172	191.56	8,819	13,758
191.05	8,819	9,260	191.57	8,819	13,846
191.06	8,819	9,348	191.58	8,819	13,934
191.07	8,819	9,436	191.59	8,819	14,022
191.08	8,819	9,525	191.60	8,819	14,110
191.09	8,819	9,613	191.61	8,819	14,199
191.10	8,819	9,701	191.62	8,819	14,287
191.11	8,819	9,789	191.63	8,819	14,375
191.12	8,819	9,877	191.64	8,819	14,463
191.13	8,819	9,965	191.65	8,819	14,551
191.14	8,819	10,054	191.66	8,819	14,640
191.15	8,819	10,142	191.67	8,819	14,728
191.16	8,819	10,230	191.68	8,819	14,816
191.17	8,819	10,318	191.69	8,819	14,904
191.18	8,819	10,406	191.70	8,819	14,992
191.19	8,819	10,495	191.71	8,819	15,080
191.20	8,819	10,583	191.72	8,819	15,169
191.21	8,819	10,671	191.73	8,819	15,257
191.22	8,819	10,759	191.74	8,819	15,345
191.23	8,819	10,847	191.75	8,819	15,433
191.24	8,819	10,936	191.76	8,819	15,521
191.25	8,819	11,024	191.77	8,819	15,610
191.26	8,819	11,112	191.78	8,819	15,698
191.27	8,819	11,200	191.79	8,819	15,786
191.28	8,819	11,288	191.80	8,819	15,874
191.29	8,819	11,377	191.81	8,819	15,962
191.30	8,819	11,465	191.82	8,819	16,051
191.31	8,819	11,553	191.83	8,819	16,139
191.32	8,819	11,641	191.84	8,819	16,227
191.33	8,819	11,729	191.85	8,819	16,315
191.34	8,819	11,817	191.86	8,819	16,403
191.35	8,819	11,906	191.87	8,819	16,492
191.36	8,819	11,994	191.88	8,819	16,580
191.37	8,819	12,082	191.89	8,819	16,668
191.38	8,819	12,170	191.90	8,819	16,756
191.39	8,819	12,258	191.91	8,819	16,844
191.40	8,819	12,347	191.92	8,819	16,932
191.41	8,819	12,435	191.93	8,819	17,021
191.42	8,819	12,523	191.94	8,819	17,109
191.43	8,819	12,611	191.95	8,819	17,197
191.44	8,819	12,699	191.96	8,819	17,285
191.45	8,819	12,788	191.97	8,819	17,373
191.46	8,819	12,876	191.98	8,819	17,462
191.47	8,819	12,964	191.99	8,819	17,550
191.48	8,819	13,052	192.00	8,819	17,638
191.49	8,819	13,140	192.01	8,819	17,726
191.50	8,819	13,229	192.02	8,819	17,814
191.51	8,819	13,317	192.03	8,819	17,903
191.52	8,819	13,405	192.04	8,819	17,991
191.53	8,819	13,493	192.05	8,819	18,079
191.54	8,819	13,581	192.06	8,819	18,167
191.55	8,819	13,669	192.07	8,819	18,255

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.08	8,819	18,344	192.60	8,819	22,929
192.09	8,819	18,432	192.61	8,819	23,018
192.10	8,819	18,520	192.62	8,819	23,106
192.11	8,819	18,608	192.63	8,819	23,194
192.12	8,819	18,696	192.64	8,819	23,282
192.13	8,819	18,784	192.65	8,819	23,370
192.14	8,819	18,873	192.66	8,819	23,459
192.15	8,819	18,961	192.67	8,819	23,547
192.16	8,819	19,049	192.68	8,819	23,635
192.17	8,819	19,137	192.69	8,819	23,723
192.18	8,819	19,225	192.70	8,819	23,811
192.19	8,819	19,314	192.71	8,819	23,899
192.20	8,819	19,402	192.72	8,819	23,988
192.21	8,819	19,490	192.73	8,819	24,076
192.22	8,819	19,578	192.74	8,819	24,164
192.23	8,819	19,666	192.75	8,819	24,252
192.24	8,819	19,755	192.76	8,819	24,340
192.25	8,819	19,843	192.77	8,819	24,429
192.26	8,819	19,931	192.78	8,819	24,517
192.27	8,819	20,019	192.79	8,819	24,605
192.28	8,819	20,107	192.80	8,819	24,693
192.29	8,819	20,196	192.81	8,819	24,781
192.30	8,819	20,284	192.82	8,819	24,870
192.31	8,819	20,372	192.83	8,819	24,958
192.32	8,819	20,460	192.84	8,819	25,046
192.33	8,819	20,548	192.85	8,819	25,134
192.34	8,819	20,636	192.86	8,819	25,222
192.35	8,819	20,725	192.87	8,819	25,311
192.36	8,819	20,813	192.88	8,819	25,399
192.37	8,819	20,901	192.89	8,819	25,487
192.38	8,819	20,989	192.90	8,819	25,575
192.39	8,819	21,077	192.91	8,819	25,663
192.40	8,819	21,166	192.92	8,819	25,751
192.41	8,819	21,254	192.93	8,819	25,840
192.42	8,819	21,342	192.94	8,819	25,928
192.43	8,819	21,430	192.95	8,819	26,016
192.44	8,819	21,518	192.96	8,819	26,104
192.45	8,819	21,607	192.97	8,819	26,192
192.46	8,819	21,695	192.98	8,819	26,281
192.47	8,819	21,783	192.99	8,819	26,369
192.48	8,819	21,871	193.00	8,819	26,457
192.49	8,819	21,959	193.01	8,819	26,545
192.50	8,819	22,048	193.02	8,819	26,633
192.51	8,819	22,136	193.03	8,819	26,722
192.52	8,819	22,224	193.04	8,819	26,810
192.53	8,819	22,312	193.05	8,819	26,898
192.54	8,819	22,400	193.06	8,819	26,986
192.55	8,819	22,488	193.07	8,819	27,074
192.56	8,819	22,577	193.08	8,819	27,163
192.57	8,819	22,665	193.09	8,819	27,251
192.58	8,819	22,753	193.10	8,819	27,339
192.59	8,819	22,841	193.11	8,819	27,427

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.12	8,819	27,515	193.64	8,819	32,101
193.13	8,819	27,603	193.65	8,819	32,189
193.14	8,819	27,692	193.66	8,819	32,278
193.15	8,819	27,780	193.67	8,819	32,366
193.16	8,819	27,868	193.68	8,819	32,454
193.17	8,819	27,956	193.69	8,819	32,542
193.18	8,819	28,044	193.70	8,819	32,630
193.19	8,819	28,133	193.71	8,819	32,718
193.20	8,819	28,221	193.72	8,819	32,807
193.21	8,819	28,309	193.73	8,819	32,895
193.22	8,819	28,397	193.74	8,819	32,983
193.23	8,819	28,485	193.75	8,819	33,071
193.24	8,819	28,574	193.76	8,819	33,159
193.25	8,819	28,662	193.77	8,819	33,248
193.26	8,819	28,750	193.78	8,819	33,336
193.27	8,819	28,838	193.79	8,819	33,424
193.28	8,819	28,926	193.80	8,819	33,512
193.29	8,819	29,015	193.81	8,819	33,600
193.30	8,819	29,103	193.82	8,819	33,689
193.31	8,819	29,191	193.83	8,819	33,777
193.32	8,819	29,279	193.84	8,819	33,865
193.33	8,819	29,367	193.85	8,819	33,953
193.34	8,819	29,455	193.86	8,819	34,041
193.35	8,819	29,544	193.87	8,819	34,130
193.36	8,819	29,632	193.88	8,819	34,218
193.37	8,819	29,720	193.89	8,819	34,306
193.38	8,819	29,808	193.90	8,819	34,394
193.39	8,819	29,896	193.91	8,819	34,482
193.40	8,819	29,985	193.92	8,819	34,570
193.41	8,819	30,073	193.93	8,819	34,659
193.42	8,819	30,161	193.94	8,819	34,747
193.43	8,819	30,249	193.95	8,819	34,835
193.44	8,819	30,337	193.96	8,819	34,923
193.45	8,819	30,426	193.97	8,819	35,011
193.46	8,819	30,514	193.98	8,819	35,100
193.47	8,819	30,602	193.99	8,819	35,188
193.48	8,819	30,690	194.00	8,819	35,276
193.49	8,819	30,778	194.01	8,819	35,364
193.50	8,819	30,867	194.02	8,819	35,452
193.51	8,819	30,955	194.03	8,819	35,541
193.52	8,819	31,043	194.04	8,819	35,629
193.53	8,819	31,131	194.05	8,819	35,717
193.54	8,819	31,219	194.06	8,819	35,805
193.55	8,819	31,307	194.07	8,819	35,893
193.56	8,819	31,396	194.08	8,819	35,982
193.57	8,819	31,484	194.09	8,819	36,070
193.58	8,819	31,572	194.10	8,819	36,158
193.59	8,819	31,660	194.11	8,819	36,246
193.60	8,819	31,748	194.12	8,819	36,334
193.61	8,819	31,837	194.13	8,819	36,422
193.62	8,819	31,925	194.14	8,819	36,511
193.63	8,819	32,013	194.15	8,819	36,599

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.16	8,819	36,687	194.68	8,819	41,273
194.17	8,819	36,775	194.69	8,819	41,361
194.18	8,819	36,863	194.70	8,819	41,449
194.19	8,819	36,952	194.71	8,819	41,537
194.20	8,819	37,040	194.72	8,819	41,626
194.21	8,819	37,128	194.73	8,819	41,714
194.22	8,819	37,216	194.74	8,819	41,802
194.23	8,819	37,304	194.75	8,819	41,890
194.24	8,819	37,393	194.76	8,819	41,978
194.25	8,819	37,481	194.77	8,819	42,067
194.26	8,819	37,569	194.78	8,819	42,155
194.27	8,819	37,657	194.79	8,819	42,243
194.28	8,819	37,745	194.80	8,819	42,331
194.29	8,819	37,834	194.81	8,819	42,419
194.30	8,819	37,922	194.82	8,819	42,508
194.31	8,819	38,010	194.83	8,819	42,596
194.32	8,819	38,098	194.84	8,819	42,684
194.33	8,819	38,186	194.85	8,819	42,772
194.34	8,819	38,274	194.86	8,819	42,860
194.35	8,819	38,363	194.87	8,819	42,949
194.36	8,819	38,451	194.88	8,819	43,037
194.37	8,819	38,539	194.89	8,819	43,125
194.38	8,819	38,627	194.90	8,819	43,213
194.39	8,819	38,715	194.91	8,819	43,301
194.40	8,819	38,804	194.92	8,819	43,389
194.41	8,819	38,892	194.93	8,819	43,478
194.42	8,819	38,980	194.94	8,819	43,566
194.43	8,819	39,068	194.95	8,819	43,654
194.44	8,819	39,156	194.96	8,819	43,742
194.45	8,819	39,245	194.97	8,819	43,830
194.46	8,819	39,333	194.98	8,819	43,919
194.47	8,819	39,421	194.99	8,819	44,007
194.48	8,819	39,509	195.00	8,819	44,095
194.49	8,819	39,597			
194.50	8,819	39,686			
194.51	8,819	39,774			
194.52	8,819	39,862			
194.53	8,819	39,950			
194.54	8,819	40,038			
194.55	8,819	40,126			
194.56	8,819	40,215			
194.57	8,819	40,303			
194.58	8,819	40,391			
194.59	8,819	40,479			
194.60	8,819	40,567			
194.61	8,819	40,656			
194.62	8,819	40,744			
194.63	8,819	40,832			
194.64	8,819	40,920			
194.65	8,819	41,008			
194.66	8,819	41,097			
194.67	8,819	41,185			

Summary for Pond B-36A: Basin #36A

Inflow Area = 2.377 ac, 40.60% Impervious, Inflow Depth = 2.17" for Future 2 yr event
 Inflow = 4.92 cfs @ 12.09 hrs, Volume= 0.430 af
 Outflow = 0.86 cfs @ 13.04 hrs, Volume= 0.371 af, Atten= 83%, Lag= 56.9 min
 Primary = 0.86 cfs @ 13.04 hrs, Volume= 0.371 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.46' @ 13.04 hrs Surf.Area= 6,083 sf Storage= 8,909 cf

Plug-Flow detention time= 227.0 min calculated for 0.370 af (86% of inflow)
 Center-of-Mass det. time= 161.8 min (986.4 - 824.6)

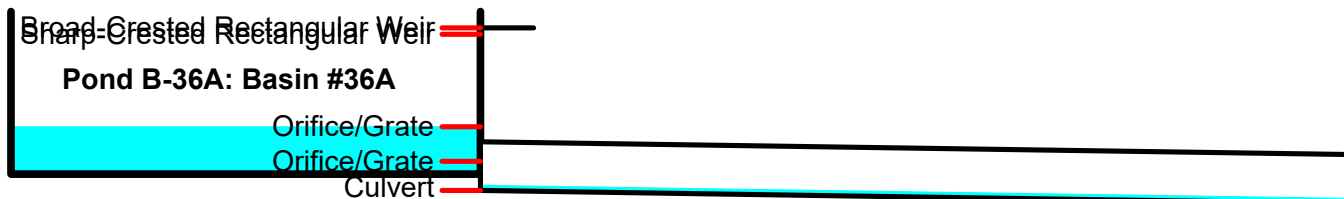
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	30,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	6,083	0	0
192.00	6,083	6,083	6,083
193.00	6,083	6,083	12,166
194.00	6,083	6,083	18,249
195.00	6,083	6,083	24,332
196.00	6,083	6,083	30,415

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.40'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	192.46'	9.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	195.30'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

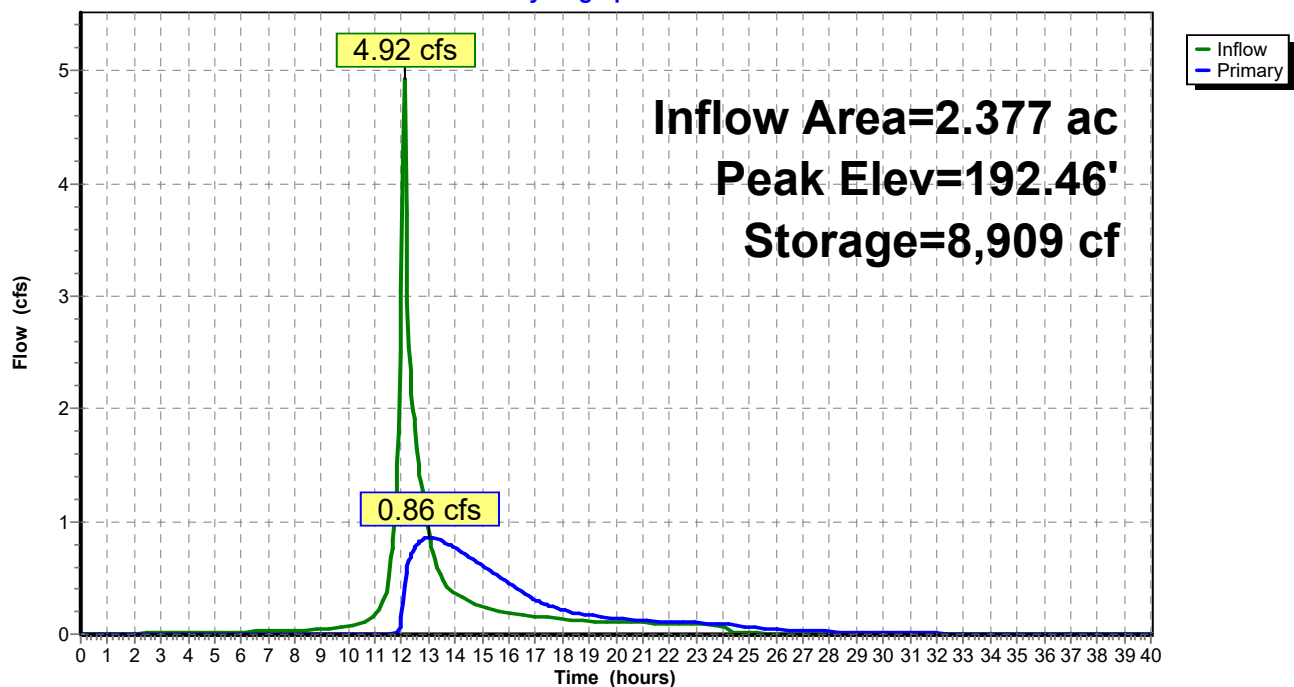
Primary OutFlow Max=0.85 cfs @ 13.04 hrs HW=192.46' (Free Discharge)

1=Culvert (Passes 0.85 cfs of 7.91 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.85 cfs @ 4.35 fps)
 3=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.21 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-36A: Basin #36A

Hydrograph



Hydrograph for Pond B-36A: Basin #36A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	0	191.00	0.00
1.20	0.00	1	191.00	0.00
1.30	0.00	1	191.00	0.00
1.40	0.00	2	191.00	0.00
1.50	0.00	3	191.00	0.00
1.60	0.00	5	191.00	0.00
1.70	0.00	6	191.00	0.00
1.80	0.01	8	191.00	0.00
1.90	0.01	10	191.00	0.00
2.00	0.01	12	191.00	0.00
2.10	0.01	15	191.00	0.00
2.20	0.01	18	191.00	0.00
2.30	0.01	20	191.00	0.00
2.40	0.01	23	191.00	0.00
2.50	0.01	27	191.00	0.00
2.60	0.01	30	191.00	0.00
2.70	0.01	33	191.01	0.00
2.80	0.01	37	191.01	0.00
2.90	0.01	41	191.01	0.00
3.00	0.01	45	191.01	0.00
3.10	0.01	49	191.01	0.00
3.20	0.01	53	191.01	0.00
3.30	0.01	58	191.01	0.00
3.40	0.01	62	191.01	0.00
3.50	0.01	67	191.01	0.00
3.60	0.01	72	191.01	0.00
3.70	0.01	77	191.01	0.00
3.80	0.01	82	191.01	0.00
3.90	0.01	87	191.01	0.00
4.00	0.02	93	191.02	0.00
4.10	0.02	98	191.02	0.00
4.20	0.02	104	191.02	0.00
4.30	0.02	110	191.02	0.00
4.40	0.02	116	191.02	0.00
4.50	0.02	122	191.02	0.00
4.60	0.02	128	191.02	0.00
4.70	0.02	134	191.02	0.00
4.80	0.02	140	191.02	0.00
4.90	0.02	147	191.02	0.00
5.00	0.02	153	191.03	0.00
5.10	0.02	160	191.03	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	167	191.03	0.00
5.30	0.02	174	191.03	0.00
5.40	0.02	181	191.03	0.00
5.50	0.02	188	191.03	0.00
5.60	0.02	195	191.03	0.00
5.70	0.02	202	191.03	0.00
5.80	0.02	210	191.03	0.00
5.90	0.02	217	191.04	0.00
6.00	0.02	225	191.04	0.00
6.10	0.02	232	191.04	0.00
6.20	0.02	240	191.04	0.00
6.30	0.02	249	191.04	0.00
6.40	0.02	257	191.04	0.00
6.50	0.02	266	191.04	0.00
6.60	0.03	275	191.05	0.00
6.70	0.03	284	191.05	0.00
6.80	0.03	294	191.05	0.00
6.90	0.03	303	191.05	0.00
7.00	0.03	313	191.05	0.00
7.10	0.03	324	191.05	0.00
7.20	0.03	334	191.05	0.00
7.30	0.03	345	191.06	0.00
7.40	0.03	356	191.06	0.00
7.50	0.03	367	191.06	0.00
7.60	0.03	378	191.06	0.00
7.70	0.03	390	191.06	0.00
7.80	0.03	402	191.07	0.00
7.90	0.03	414	191.07	0.00
8.00	0.03	427	191.07	0.00
8.10	0.04	439	191.07	0.00
8.20	0.04	452	191.07	0.00
8.30	0.04	466	191.08	0.00
8.40	0.04	479	191.08	0.00
8.50	0.04	493	191.08	0.00
8.60	0.04	507	191.08	0.00
8.70	0.04	521	191.09	0.00
8.80	0.04	536	191.09	0.00
8.90	0.04	550	191.09	0.00
9.00	0.04	565	191.09	0.00
9.10	0.04	581	191.10	0.00
9.20	0.05	598	191.10	0.00
9.30	0.05	615	191.10	0.00
9.40	0.05	633	191.10	0.00
9.50	0.05	653	191.11	0.00
9.60	0.06	673	191.11	0.00
9.70	0.06	694	191.11	0.00
9.80	0.06	715	191.12	0.00
9.90	0.06	738	191.12	0.00
10.00	0.07	761	191.13	0.00
10.10	0.07	786	191.13	0.00
10.20	0.07	812	191.13	0.00
10.30	0.08	839	191.14	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.08	868	191.14	0.00
10.50	0.09	899	191.15	0.00
10.60	0.10	933	191.15	0.00
10.70	0.11	972	191.16	0.00
10.80	0.13	1,016	191.17	0.00
10.90	0.14	1,065	191.18	0.00
11.00	0.16	1,120	191.18	0.00
11.10	0.19	1,183	191.19	0.00
11.20	0.22	1,256	191.21	0.00
11.30	0.27	1,345	191.22	0.00
11.40	0.35	1,458	191.24	0.00
11.50	0.44	1,600	191.26	0.00
11.60	0.68	1,807	191.30	0.00
11.70	0.84	2,082	191.34	0.00
11.80	1.20	2,453	191.40	0.00
11.90	1.79	2,991	191.49	0.03
12.00	3.05	3,849	191.63	0.15
12.10	4.90	5,229	191.86	0.43
12.20	2.95	6,417	192.05	0.60
12.30	2.35	7,121	192.17	0.68
12.40	1.99	7,640	192.26	0.74
12.50	1.85	8,059	192.32	0.78
12.60	1.51	8,373	192.38	0.81
12.70	1.35	8,592	192.41	0.83
12.80	1.21	8,752	192.44	0.84
12.90	1.06	8,856	192.46	0.85
13.00	0.92	8,905	192.46	0.85
13.10	0.78	8,900	192.46	0.85
13.20	0.69	8,856	192.46	0.85
13.30	0.61	8,785	192.44	0.84
13.40	0.55	8,692	192.43	0.83
13.50	0.50	8,581	192.41	0.82
13.60	0.45	8,455	192.39	0.81
13.70	0.42	8,319	192.37	0.80
13.80	0.40	8,180	192.34	0.79
13.90	0.38	8,037	192.32	0.77
14.00	0.36	7,893	192.30	0.76
14.10	0.34	7,749	192.27	0.75
14.20	0.33	7,604	192.25	0.73
14.30	0.32	7,459	192.23	0.72
14.40	0.31	7,316	192.20	0.70
14.50	0.29	7,173	192.18	0.69
14.60	0.28	7,032	192.16	0.67
14.70	0.27	6,892	192.13	0.66
14.80	0.26	6,754	192.11	0.64
14.90	0.25	6,618	192.09	0.63
15.00	0.24	6,483	192.07	0.61
15.10	0.23	6,350	192.04	0.59
15.20	0.22	6,220	192.02	0.58
15.30	0.22	6,093	192.00	0.56
15.40	0.21	5,971	191.98	0.54
15.50	0.21	5,853	191.96	0.53

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	5,740	191.94	0.51
15.70	0.20	5,630	191.93	0.50
15.80	0.20	5,526	191.91	0.48
15.90	0.19	5,425	191.89	0.46
16.00	0.19	5,329	191.88	0.45
16.10	0.19	5,237	191.86	0.44
16.20	0.18	5,149	191.85	0.42
16.30	0.18	5,066	191.83	0.40
16.40	0.18	4,987	191.82	0.39
16.50	0.17	4,914	191.81	0.37
16.60	0.17	4,844	191.80	0.36
16.70	0.17	4,779	191.79	0.34
16.80	0.17	4,718	191.78	0.33
16.90	0.16	4,661	191.77	0.32
17.00	0.16	4,607	191.76	0.31
17.10	0.16	4,556	191.75	0.29
17.20	0.15	4,508	191.74	0.28
17.30	0.15	4,462	191.73	0.27
17.40	0.15	4,419	191.73	0.26
17.50	0.15	4,379	191.72	0.26
17.60	0.14	4,340	191.71	0.25
17.70	0.14	4,303	191.71	0.24
17.80	0.14	4,268	191.70	0.23
17.90	0.13	4,235	191.70	0.22
18.00	0.13	4,203	191.69	0.22
18.10	0.13	4,172	191.69	0.21
18.20	0.13	4,143	191.68	0.21
18.30	0.13	4,115	191.68	0.20
18.40	0.12	4,089	191.67	0.19
18.50	0.12	4,064	191.67	0.19
18.60	0.12	4,040	191.66	0.18
18.70	0.12	4,018	191.66	0.18
18.80	0.12	3,997	191.66	0.18
18.90	0.12	3,978	191.65	0.17
19.00	0.12	3,959	191.65	0.17
19.10	0.12	3,941	191.65	0.16
19.20	0.12	3,924	191.65	0.16
19.30	0.12	3,908	191.64	0.16
19.40	0.11	3,893	191.64	0.16
19.50	0.11	3,878	191.64	0.15
19.60	0.11	3,864	191.64	0.15
19.70	0.11	3,851	191.63	0.15
19.80	0.11	3,838	191.63	0.15
19.90	0.11	3,826	191.63	0.14
20.00	0.11	3,814	191.63	0.14
20.10	0.11	3,803	191.63	0.14
20.20	0.11	3,792	191.62	0.14
20.30	0.11	3,782	191.62	0.14
20.40	0.11	3,772	191.62	0.13
20.50	0.11	3,762	191.62	0.13
20.60	0.11	3,753	191.62	0.13
20.70	0.10	3,744	191.62	0.13

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	3,736	191.61	0.13
20.90	0.10	3,727	191.61	0.13
21.00	0.10	3,719	191.61	0.12
21.10	0.10	3,711	191.61	0.12
21.20	0.10	3,704	191.61	0.12
21.30	0.10	3,697	191.61	0.12
21.40	0.10	3,690	191.61	0.12
21.50	0.10	3,683	191.61	0.12
21.60	0.10	3,676	191.60	0.12
21.70	0.10	3,669	191.60	0.12
21.80	0.10	3,663	191.60	0.11
21.90	0.10	3,657	191.60	0.11
22.00	0.10	3,651	191.60	0.11
22.10	0.09	3,645	191.60	0.11
22.20	0.09	3,639	191.60	0.11
22.30	0.09	3,633	191.60	0.11
22.40	0.09	3,627	191.60	0.11
22.50	0.09	3,622	191.60	0.11
22.60	0.09	3,616	191.59	0.11
22.70	0.09	3,610	191.59	0.11
22.80	0.09	3,605	191.59	0.10
22.90	0.09	3,599	191.59	0.10
23.00	0.09	3,593	191.59	0.10
23.10	0.09	3,588	191.59	0.10
23.20	0.09	3,583	191.59	0.10
23.30	0.09	3,577	191.59	0.10
23.40	0.09	3,572	191.59	0.10
23.50	0.08	3,566	191.59	0.10
23.60	0.08	3,561	191.59	0.10
23.70	0.08	3,556	191.58	0.10
23.80	0.08	3,550	191.58	0.10
23.90	0.08	3,545	191.58	0.10
24.00	0.09	3,542	191.58	0.10
24.10	0.04	3,530	191.58	0.09
24.20	0.03	3,508	191.58	0.09
24.30	0.02	3,485	191.57	0.09
24.40	0.02	3,462	191.57	0.08
24.50	0.02	3,440	191.57	0.08
24.60	0.02	3,418	191.56	0.08
24.70	0.02	3,397	191.56	0.07
24.80	0.01	3,377	191.56	0.07
24.90	0.01	3,357	191.55	0.07
25.00	0.01	3,338	191.55	0.06
25.10	0.01	3,319	191.55	0.06
25.20	0.01	3,301	191.54	0.06
25.30	0.01	3,283	191.54	0.06
25.40	0.01	3,265	191.54	0.06
25.50	0.01	3,248	191.53	0.05
25.60	0.01	3,231	191.53	0.05
25.70	0.01	3,215	191.53	0.05
25.80	0.01	3,199	191.53	0.05
25.90	0.00	3,184	191.52	0.05

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,169	191.52	0.04
26.10	0.00	3,155	191.52	0.04
26.20	0.00	3,141	191.52	0.04
26.30	0.00	3,128	191.51	0.04
26.40	0.00	3,115	191.51	0.04
26.50	0.00	3,102	191.51	0.04
26.60	0.00	3,090	191.51	0.04
26.70	0.00	3,078	191.51	0.03
26.80	0.00	3,067	191.50	0.03
26.90	0.00	3,056	191.50	0.03
27.00	0.00	3,045	191.50	0.03
27.10	0.00	3,035	191.50	0.03
27.20	0.00	3,025	191.50	0.03
27.30	0.00	3,015	191.50	0.03
27.40	0.00	3,006	191.49	0.03
27.50	0.00	2,996	191.49	0.03
27.60	0.00	2,987	191.49	0.03
27.70	0.00	2,978	191.49	0.03
27.80	0.00	2,969	191.49	0.02
27.90	0.00	2,961	191.49	0.02
28.00	0.00	2,952	191.49	0.02
28.10	0.00	2,944	191.48	0.02
28.20	0.00	2,936	191.48	0.02
28.30	0.00	2,929	191.48	0.02
28.40	0.00	2,921	191.48	0.02
28.50	0.00	2,914	191.48	0.02
28.60	0.00	2,906	191.48	0.02
28.70	0.00	2,899	191.48	0.02
28.80	0.00	2,892	191.48	0.02
28.90	0.00	2,886	191.47	0.02
29.00	0.00	2,879	191.47	0.02
29.10	0.00	2,873	191.47	0.02
29.20	0.00	2,867	191.47	0.02
29.30	0.00	2,861	191.47	0.02
29.40	0.00	2,855	191.47	0.02
29.50	0.00	2,849	191.47	0.02
29.60	0.00	2,843	191.47	0.02
29.70	0.00	2,838	191.47	0.02
29.80	0.00	2,832	191.47	0.01
29.90	0.00	2,827	191.46	0.01
30.00	0.00	2,822	191.46	0.01
30.10	0.00	2,817	191.46	0.01
30.20	0.00	2,812	191.46	0.01
30.30	0.00	2,808	191.46	0.01
30.40	0.00	2,803	191.46	0.01
30.50	0.00	2,799	191.46	0.01
30.60	0.00	2,794	191.46	0.01
30.70	0.00	2,790	191.46	0.01
30.80	0.00	2,786	191.46	0.01
30.90	0.00	2,782	191.46	0.01
31.00	0.00	2,778	191.46	0.01
31.10	0.00	2,774	191.46	0.01

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,771	191.46	0.01
31.30	0.00	2,767	191.45	0.01
31.40	0.00	2,763	191.45	0.01
31.50	0.00	2,760	191.45	0.01
31.60	0.00	2,757	191.45	0.01
31.70	0.00	2,753	191.45	0.01
31.80	0.00	2,750	191.45	0.01
31.90	0.00	2,747	191.45	0.01
32.00	0.00	2,744	191.45	0.01
32.10	0.00	2,741	191.45	0.01
32.20	0.00	2,738	191.45	0.01
32.30	0.00	2,735	191.45	0.01
32.40	0.00	2,733	191.45	0.01
32.50	0.00	2,730	191.45	0.01
32.60	0.00	2,727	191.45	0.01
32.70	0.00	2,725	191.45	0.01
32.80	0.00	2,722	191.45	0.01
32.90	0.00	2,719	191.45	0.01
33.00	0.00	2,717	191.45	0.01
33.10	0.00	2,714	191.45	0.01
33.20	0.00	2,711	191.45	0.01
33.30	0.00	2,709	191.45	0.01
33.40	0.00	2,706	191.44	0.01
33.50	0.00	2,704	191.44	0.01
33.60	0.00	2,701	191.44	0.01
33.70	0.00	2,699	191.44	0.01
33.80	0.00	2,696	191.44	0.01
33.90	0.00	2,694	191.44	0.01
34.00	0.00	2,692	191.44	0.01
34.10	0.00	2,689	191.44	0.01
34.20	0.00	2,687	191.44	0.01
34.30	0.00	2,685	191.44	0.01
34.40	0.00	2,682	191.44	0.01
34.50	0.00	2,680	191.44	0.01
34.60	0.00	2,678	191.44	0.01
34.70	0.00	2,676	191.44	0.01
34.80	0.00	2,673	191.44	0.01
34.90	0.00	2,671	191.44	0.01
35.00	0.00	2,669	191.44	0.01
35.10	0.00	2,667	191.44	0.01
35.20	0.00	2,665	191.44	0.01
35.30	0.00	2,663	191.44	0.01
35.40	0.00	2,660	191.44	0.01
35.50	0.00	2,658	191.44	0.01
35.60	0.00	2,656	191.44	0.01
35.70	0.00	2,654	191.44	0.01
35.80	0.00	2,652	191.44	0.01
35.90	0.00	2,650	191.44	0.01
36.00	0.00	2,648	191.44	0.01
36.10	0.00	2,646	191.44	0.01
36.20	0.00	2,644	191.43	0.01
36.30	0.00	2,642	191.43	0.01

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,640	191.43	0.01
36.50	0.00	2,639	191.43	0.01
36.60	0.00	2,637	191.43	0.01
36.70	0.00	2,635	191.43	0.01
36.80	0.00	2,633	191.43	0.01
36.90	0.00	2,631	191.43	0.01
37.00	0.00	2,629	191.43	0.01
37.10	0.00	2,628	191.43	0.00
37.20	0.00	2,626	191.43	0.00
37.30	0.00	2,624	191.43	0.00
37.40	0.00	2,622	191.43	0.00
37.50	0.00	2,620	191.43	0.00
37.60	0.00	2,619	191.43	0.00
37.70	0.00	2,617	191.43	0.00
37.80	0.00	2,615	191.43	0.00
37.90	0.00	2,614	191.43	0.00
38.00	0.00	2,612	191.43	0.00
38.10	0.00	2,610	191.43	0.00
38.20	0.00	2,609	191.43	0.00
38.30	0.00	2,607	191.43	0.00
38.40	0.00	2,606	191.43	0.00
38.50	0.00	2,604	191.43	0.00
38.60	0.00	2,602	191.43	0.00
38.70	0.00	2,601	191.43	0.00
38.80	0.00	2,599	191.43	0.00
38.90	0.00	2,598	191.43	0.00
39.00	0.00	2,596	191.43	0.00
39.10	0.00	2,595	191.43	0.00
39.20	0.00	2,593	191.43	0.00
39.30	0.00	2,592	191.43	0.00
39.40	0.00	2,590	191.43	0.00
39.50	0.00	2,589	191.43	0.00
39.60	0.00	2,588	191.43	0.00
39.70	0.00	2,586	191.43	0.00
39.80	0.00	2,585	191.42	0.00
39.90	0.00	2,583	191.42	0.00
40.00	0.00	2,582	191.42	0.00

Stage-Discharge for Pond B-36A: Basin #36A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.04	192.04	0.59	192.56	0.98
191.01	0.00	191.53	0.05	192.05	0.60	192.57	0.99
191.02	0.00	191.54	0.06	192.06	0.61	192.58	1.01
191.03	0.00	191.55	0.07	192.07	0.61	192.59	1.03
191.04	0.00	191.56	0.07	192.08	0.62	192.60	1.05
191.05	0.00	191.57	0.08	192.09	0.63	192.61	1.07
191.06	0.00	191.58	0.09	192.10	0.63	192.62	1.09
191.07	0.00	191.59	0.10	192.11	0.64	192.63	1.10
191.08	0.00	191.60	0.11	192.12	0.65	192.64	1.12
191.09	0.00	191.61	0.12	192.13	0.66	192.65	1.14
191.10	0.00	191.62	0.13	192.14	0.66	192.66	1.17
191.11	0.00	191.63	0.14	192.15	0.67	192.67	1.19
191.12	0.00	191.64	0.16	192.16	0.68	192.68	1.21
191.13	0.00	191.65	0.17	192.17	0.68	192.69	1.23
191.14	0.00	191.66	0.18	192.18	0.69	192.70	1.25
191.15	0.00	191.67	0.19	192.19	0.69	192.71	1.27
191.16	0.00	191.68	0.20	192.20	0.70	192.72	1.30
191.17	0.00	191.69	0.22	192.21	0.71	192.73	1.32
191.18	0.00	191.70	0.23	192.22	0.71	192.74	1.34
191.19	0.00	191.71	0.24	192.23	0.72	192.75	1.37
191.20	0.00	191.72	0.26	192.24	0.73	192.76	1.39
191.21	0.00	191.73	0.27	192.25	0.73	192.77	1.42
191.22	0.00	191.74	0.28	192.26	0.74	192.78	1.44
191.23	0.00	191.75	0.30	192.27	0.74	192.79	1.47
191.24	0.00	191.76	0.31	192.28	0.75	192.80	1.49
191.25	0.00	191.77	0.32	192.29	0.76	192.81	1.51
191.26	0.00	191.78	0.34	192.30	0.76	192.82	1.53
191.27	0.00	191.79	0.35	192.31	0.77	192.83	1.55
191.28	0.00	191.80	0.36	192.32	0.77	192.84	1.57
191.29	0.00	191.81	0.38	192.33	0.78	192.85	1.59
191.30	0.00	191.82	0.39	192.34	0.79	192.86	1.61
191.31	0.00	191.83	0.40	192.35	0.79	192.87	1.63
191.32	0.00	191.84	0.41	192.36	0.80	192.88	1.64
191.33	0.00	191.85	0.43	192.37	0.80	192.89	1.66
191.34	0.00	191.86	0.44	192.38	0.81	192.90	1.68
191.35	0.00	191.87	0.45	192.39	0.81	192.91	1.69
191.36	0.00	191.88	0.46	192.40	0.82	192.92	1.71
191.37	0.00	191.89	0.47	192.41	0.82	192.93	1.72
191.38	0.00	191.90	0.47	192.42	0.83	192.94	1.74
191.39	0.00	191.91	0.48	192.43	0.83	192.95	1.75
191.40	0.00	191.92	0.49	192.44	0.84	192.96	1.77
191.41	0.00	191.93	0.50	192.45	0.85	192.97	1.78
191.42	0.00	191.94	0.51	192.46	0.85	192.98	1.80
191.43	0.00	191.95	0.52	192.47	0.86	192.99	1.81
191.44	0.01	191.96	0.53	192.48	0.87	193.00	1.83
191.45	0.01	191.97	0.53	192.49	0.88	193.01	1.84
191.46	0.01	191.98	0.54	192.50	0.89	193.02	1.86
191.47	0.02	191.99	0.55	192.51	0.90	193.03	1.87
191.48	0.02	192.00	0.56	192.52	0.92	193.04	1.88
191.49	0.02	192.01	0.57	192.53	0.93	193.05	1.90
191.50	0.03	192.02	0.58	192.54	0.95	193.06	1.91
191.51	0.04	192.03	0.58	192.55	0.96	193.07	1.92

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	1.94	193.60	2.51	194.12	2.96	194.64	3.34
193.09	1.95	193.61	2.52	194.13	2.96	194.65	3.35
193.10	1.96	193.62	2.53	194.14	2.97	194.66	3.36
193.11	1.97	193.63	2.53	194.15	2.98	194.67	3.36
193.12	1.99	193.64	2.54	194.16	2.99	194.68	3.37
193.13	2.00	193.65	2.55	194.17	3.00	194.69	3.38
193.14	2.01	193.66	2.56	194.18	3.00	194.70	3.38
193.15	2.02	193.67	2.57	194.19	3.01	194.71	3.39
193.16	2.04	193.68	2.58	194.20	3.02	194.72	3.40
193.17	2.05	193.69	2.59	194.21	3.03	194.73	3.40
193.18	2.06	193.70	2.60	194.22	3.03	194.74	3.41
193.19	2.07	193.71	2.61	194.23	3.04	194.75	3.42
193.20	2.09	193.72	2.62	194.24	3.05	194.76	3.42
193.21	2.10	193.73	2.63	194.25	3.06	194.77	3.43
193.22	2.11	193.74	2.64	194.26	3.07	194.78	3.44
193.23	2.12	193.75	2.64	194.27	3.07	194.79	3.45
193.24	2.13	193.76	2.65	194.28	3.08	194.80	3.45
193.25	2.14	193.77	2.66	194.29	3.09	194.81	3.46
193.26	2.15	193.78	2.67	194.30	3.10	194.82	3.47
193.27	2.17	193.79	2.68	194.31	3.10	194.83	3.47
193.28	2.18	193.80	2.69	194.32	3.11	194.84	3.48
193.29	2.19	193.81	2.70	194.33	3.12	194.85	3.49
193.30	2.20	193.82	2.71	194.34	3.13	194.86	3.49
193.31	2.21	193.83	2.72	194.35	3.13	194.87	3.50
193.32	2.22	193.84	2.72	194.36	3.14	194.88	3.51
193.33	2.23	193.85	2.73	194.37	3.15	194.89	3.51
193.34	2.24	193.86	2.74	194.38	3.16	194.90	3.52
193.35	2.25	193.87	2.75	194.39	3.16	194.91	3.53
193.36	2.26	193.88	2.76	194.40	3.17	194.92	3.53
193.37	2.28	193.89	2.77	194.41	3.18	194.93	3.54
193.38	2.29	193.90	2.78	194.42	3.18	194.94	3.55
193.39	2.30	193.91	2.78	194.43	3.19	194.95	3.55
193.40	2.31	193.92	2.79	194.44	3.20	194.96	3.56
193.41	2.32	193.93	2.80	194.45	3.21	194.97	3.56
193.42	2.33	193.94	2.81	194.46	3.21	194.98	3.57
193.43	2.34	193.95	2.82	194.47	3.22	194.99	3.58
193.44	2.35	193.96	2.83	194.48	3.23	195.00	3.58
193.45	2.36	193.97	2.83	194.49	3.24	195.01	3.59
193.46	2.37	193.98	2.84	194.50	3.24	195.02	3.60
193.47	2.38	193.99	2.85	194.51	3.25	195.03	3.60
193.48	2.39	194.00	2.86	194.52	3.26	195.04	3.61
193.49	2.40	194.01	2.87	194.53	3.26	195.05	3.62
193.50	2.41	194.02	2.88	194.54	3.27	195.06	3.62
193.51	2.42	194.03	2.88	194.55	3.28	195.07	3.63
193.52	2.43	194.04	2.89	194.56	3.29	195.08	3.64
193.53	2.44	194.05	2.90	194.57	3.29	195.09	3.64
193.54	2.45	194.06	2.91	194.58	3.30	195.10	3.65
193.55	2.46	194.07	2.92	194.59	3.31	195.11	3.66
193.56	2.47	194.08	2.92	194.60	3.31	195.12	3.66
193.57	2.48	194.09	2.93	194.61	3.32	195.13	3.67
193.58	2.49	194.10	2.94	194.62	3.33	195.14	3.67
193.59	2.50	194.11	2.95	194.63	3.34	195.15	3.68

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.16	3.69	195.68	14.49
195.17	3.69	195.69	15.32
195.18	3.70	195.70	16.17
195.19	3.71	195.71	17.08
195.20	3.71	195.72	18.01
195.21	3.72	195.73	18.98
195.22	3.72	195.74	19.97
195.23	3.73	195.75	20.98
195.24	3.74	195.76	22.02
195.25	3.74	195.77	23.09
195.26	3.75	195.78	24.18
195.27	3.76	195.79	25.29
195.28	3.76	195.80	26.44
195.29	3.77	195.81	27.60
195.30	3.77	195.82	28.79
195.31	3.79	195.83	30.01
195.32	3.80	195.84	31.25
195.33	3.83	195.85	32.52
195.34	3.85	195.86	33.81
195.35	3.88	195.87	35.12
195.36	3.91	195.88	36.46
195.37	3.94	195.89	37.83
195.38	3.97	195.90	39.21
195.39	4.00	195.91	40.65
195.40	4.04	195.92	42.12
195.41	4.08	195.93	43.61
195.42	4.12	195.94	45.13
195.43	4.16	195.95	46.68
195.44	4.20	195.96	48.25
195.45	4.24	195.97	49.85
195.46	4.28	195.98	51.48
195.47	4.33	195.99	53.13
195.48	4.37	196.00	54.81
195.49	4.42		
195.50	4.47		
195.51	4.63		
195.52	4.90		
195.53	5.23		
195.54	5.61		
195.55	6.03		
195.56	6.50		
195.57	7.00		
195.58	7.54		
195.59	8.11		
195.60	8.71		
195.61	9.35		
195.62	10.00		
195.63	10.69		
195.64	11.40		
195.65	12.14		
195.66	12.90		
195.67	13.68		

Stage-Area-Storage for Pond B-36A: Basin #36A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	6,083	0	191.52	6,083	3,163
191.01	6,083	61	191.53	6,083	3,224
191.02	6,083	122	191.54	6,083	3,285
191.03	6,083	182	191.55	6,083	3,346
191.04	6,083	243	191.56	6,083	3,406
191.05	6,083	304	191.57	6,083	3,467
191.06	6,083	365	191.58	6,083	3,528
191.07	6,083	426	191.59	6,083	3,589
191.08	6,083	487	191.60	6,083	3,650
191.09	6,083	547	191.61	6,083	3,711
191.10	6,083	608	191.62	6,083	3,771
191.11	6,083	669	191.63	6,083	3,832
191.12	6,083	730	191.64	6,083	3,893
191.13	6,083	791	191.65	6,083	3,954
191.14	6,083	852	191.66	6,083	4,015
191.15	6,083	912	191.67	6,083	4,076
191.16	6,083	973	191.68	6,083	4,136
191.17	6,083	1,034	191.69	6,083	4,197
191.18	6,083	1,095	191.70	6,083	4,258
191.19	6,083	1,156	191.71	6,083	4,319
191.20	6,083	1,217	191.72	6,083	4,380
191.21	6,083	1,277	191.73	6,083	4,441
191.22	6,083	1,338	191.74	6,083	4,501
191.23	6,083	1,399	191.75	6,083	4,562
191.24	6,083	1,460	191.76	6,083	4,623
191.25	6,083	1,521	191.77	6,083	4,684
191.26	6,083	1,582	191.78	6,083	4,745
191.27	6,083	1,642	191.79	6,083	4,806
191.28	6,083	1,703	191.80	6,083	4,866
191.29	6,083	1,764	191.81	6,083	4,927
191.30	6,083	1,825	191.82	6,083	4,988
191.31	6,083	1,886	191.83	6,083	5,049
191.32	6,083	1,947	191.84	6,083	5,110
191.33	6,083	2,007	191.85	6,083	5,171
191.34	6,083	2,068	191.86	6,083	5,231
191.35	6,083	2,129	191.87	6,083	5,292
191.36	6,083	2,190	191.88	6,083	5,353
191.37	6,083	2,251	191.89	6,083	5,414
191.38	6,083	2,312	191.90	6,083	5,475
191.39	6,083	2,372	191.91	6,083	5,536
191.40	6,083	2,433	191.92	6,083	5,596
191.41	6,083	2,494	191.93	6,083	5,657
191.42	6,083	2,555	191.94	6,083	5,718
191.43	6,083	2,616	191.95	6,083	5,779
191.44	6,083	2,677	191.96	6,083	5,840
191.45	6,083	2,737	191.97	6,083	5,901
191.46	6,083	2,798	191.98	6,083	5,961
191.47	6,083	2,859	191.99	6,083	6,022
191.48	6,083	2,920	192.00	6,083	6,083
191.49	6,083	2,981	192.01	6,083	6,144
191.50	6,083	3,042	192.02	6,083	6,205
191.51	6,083	3,102	192.03	6,083	6,265

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	6,083	6,326	192.56	6,083	9,489
192.05	6,083	6,387	192.57	6,083	9,550
192.06	6,083	6,448	192.58	6,083	9,611
192.07	6,083	6,509	192.59	6,083	9,672
192.08	6,083	6,570	192.60	6,083	9,733
192.09	6,083	6,630	192.61	6,083	9,794
192.10	6,083	6,691	192.62	6,083	9,854
192.11	6,083	6,752	192.63	6,083	9,915
192.12	6,083	6,813	192.64	6,083	9,976
192.13	6,083	6,874	192.65	6,083	10,037
192.14	6,083	6,935	192.66	6,083	10,098
192.15	6,083	6,995	192.67	6,083	10,159
192.16	6,083	7,056	192.68	6,083	10,219
192.17	6,083	7,117	192.69	6,083	10,280
192.18	6,083	7,178	192.70	6,083	10,341
192.19	6,083	7,239	192.71	6,083	10,402
192.20	6,083	7,300	192.72	6,083	10,463
192.21	6,083	7,360	192.73	6,083	10,524
192.22	6,083	7,421	192.74	6,083	10,584
192.23	6,083	7,482	192.75	6,083	10,645
192.24	6,083	7,543	192.76	6,083	10,706
192.25	6,083	7,604	192.77	6,083	10,767
192.26	6,083	7,665	192.78	6,083	10,828
192.27	6,083	7,725	192.79	6,083	10,889
192.28	6,083	7,786	192.80	6,083	10,949
192.29	6,083	7,847	192.81	6,083	11,010
192.30	6,083	7,908	192.82	6,083	11,071
192.31	6,083	7,969	192.83	6,083	11,132
192.32	6,083	8,030	192.84	6,083	11,193
192.33	6,083	8,090	192.85	6,083	11,254
192.34	6,083	8,151	192.86	6,083	11,314
192.35	6,083	8,212	192.87	6,083	11,375
192.36	6,083	8,273	192.88	6,083	11,436
192.37	6,083	8,334	192.89	6,083	11,497
192.38	6,083	8,395	192.90	6,083	11,558
192.39	6,083	8,455	192.91	6,083	11,619
192.40	6,083	8,516	192.92	6,083	11,679
192.41	6,083	8,577	192.93	6,083	11,740
192.42	6,083	8,638	192.94	6,083	11,801
192.43	6,083	8,699	192.95	6,083	11,862
192.44	6,083	8,760	192.96	6,083	11,923
192.45	6,083	8,820	192.97	6,083	11,984
192.46	6,083	8,881	192.98	6,083	12,044
192.47	6,083	8,942	192.99	6,083	12,105
192.48	6,083	9,003	193.00	6,083	12,166
192.49	6,083	9,064	193.01	6,083	12,227
192.50	6,083	9,125	193.02	6,083	12,288
192.51	6,083	9,185	193.03	6,083	12,348
192.52	6,083	9,246	193.04	6,083	12,409
192.53	6,083	9,307	193.05	6,083	12,470
192.54	6,083	9,368	193.06	6,083	12,531
192.55	6,083	9,429	193.07	6,083	12,592

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	6,083	12,653	193.60	6,083	15,816
193.09	6,083	12,713	193.61	6,083	15,877
193.10	6,083	12,774	193.62	6,083	15,937
193.11	6,083	12,835	193.63	6,083	15,998
193.12	6,083	12,896	193.64	6,083	16,059
193.13	6,083	12,957	193.65	6,083	16,120
193.14	6,083	13,018	193.66	6,083	16,181
193.15	6,083	13,078	193.67	6,083	16,242
193.16	6,083	13,139	193.68	6,083	16,302
193.17	6,083	13,200	193.69	6,083	16,363
193.18	6,083	13,261	193.70	6,083	16,424
193.19	6,083	13,322	193.71	6,083	16,485
193.20	6,083	13,383	193.72	6,083	16,546
193.21	6,083	13,443	193.73	6,083	16,607
193.22	6,083	13,504	193.74	6,083	16,667
193.23	6,083	13,565	193.75	6,083	16,728
193.24	6,083	13,626	193.76	6,083	16,789
193.25	6,083	13,687	193.77	6,083	16,850
193.26	6,083	13,748	193.78	6,083	16,911
193.27	6,083	13,808	193.79	6,083	16,972
193.28	6,083	13,869	193.80	6,083	17,032
193.29	6,083	13,930	193.81	6,083	17,093
193.30	6,083	13,991	193.82	6,083	17,154
193.31	6,083	14,052	193.83	6,083	17,215
193.32	6,083	14,113	193.84	6,083	17,276
193.33	6,083	14,173	193.85	6,083	17,337
193.34	6,083	14,234	193.86	6,083	17,397
193.35	6,083	14,295	193.87	6,083	17,458
193.36	6,083	14,356	193.88	6,083	17,519
193.37	6,083	14,417	193.89	6,083	17,580
193.38	6,083	14,478	193.90	6,083	17,641
193.39	6,083	14,538	193.91	6,083	17,702
193.40	6,083	14,599	193.92	6,083	17,762
193.41	6,083	14,660	193.93	6,083	17,823
193.42	6,083	14,721	193.94	6,083	17,884
193.43	6,083	14,782	193.95	6,083	17,945
193.44	6,083	14,843	193.96	6,083	18,006
193.45	6,083	14,903	193.97	6,083	18,067
193.46	6,083	14,964	193.98	6,083	18,127
193.47	6,083	15,025	193.99	6,083	18,188
193.48	6,083	15,086	194.00	6,083	18,249
193.49	6,083	15,147	194.01	6,083	18,310
193.50	6,083	15,208	194.02	6,083	18,371
193.51	6,083	15,268	194.03	6,083	18,431
193.52	6,083	15,329	194.04	6,083	18,492
193.53	6,083	15,390	194.05	6,083	18,553
193.54	6,083	15,451	194.06	6,083	18,614
193.55	6,083	15,512	194.07	6,083	18,675
193.56	6,083	15,572	194.08	6,083	18,736
193.57	6,083	15,633	194.09	6,083	18,796
193.58	6,083	15,694	194.10	6,083	18,857
193.59	6,083	15,755	194.11	6,083	18,918

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	6,083	18,979	194.64	6,083	22,142
194.13	6,083	19,040	194.65	6,083	22,203
194.14	6,083	19,101	194.66	6,083	22,264
194.15	6,083	19,161	194.67	6,083	22,325
194.16	6,083	19,222	194.68	6,083	22,385
194.17	6,083	19,283	194.69	6,083	22,446
194.18	6,083	19,344	194.70	6,083	22,507
194.19	6,083	19,405	194.71	6,083	22,568
194.20	6,083	19,466	194.72	6,083	22,629
194.21	6,083	19,526	194.73	6,083	22,690
194.22	6,083	19,587	194.74	6,083	22,750
194.23	6,083	19,648	194.75	6,083	22,811
194.24	6,083	19,709	194.76	6,083	22,872
194.25	6,083	19,770	194.77	6,083	22,933
194.26	6,083	19,831	194.78	6,083	22,994
194.27	6,083	19,891	194.79	6,083	23,055
194.28	6,083	19,952	194.80	6,083	23,115
194.29	6,083	20,013	194.81	6,083	23,176
194.30	6,083	20,074	194.82	6,083	23,237
194.31	6,083	20,135	194.83	6,083	23,298
194.32	6,083	20,196	194.84	6,083	23,359
194.33	6,083	20,256	194.85	6,083	23,420
194.34	6,083	20,317	194.86	6,083	23,480
194.35	6,083	20,378	194.87	6,083	23,541
194.36	6,083	20,439	194.88	6,083	23,602
194.37	6,083	20,500	194.89	6,083	23,663
194.38	6,083	20,561	194.90	6,083	23,724
194.39	6,083	20,621	194.91	6,083	23,785
194.40	6,083	20,682	194.92	6,083	23,845
194.41	6,083	20,743	194.93	6,083	23,906
194.42	6,083	20,804	194.94	6,083	23,967
194.43	6,083	20,865	194.95	6,083	24,028
194.44	6,083	20,926	194.96	6,083	24,089
194.45	6,083	20,986	194.97	6,083	24,150
194.46	6,083	21,047	194.98	6,083	24,210
194.47	6,083	21,108	194.99	6,083	24,271
194.48	6,083	21,169	195.00	6,083	24,332
194.49	6,083	21,230	195.01	6,083	24,393
194.50	6,083	21,291	195.02	6,083	24,454
194.51	6,083	21,351	195.03	6,083	24,514
194.52	6,083	21,412	195.04	6,083	24,575
194.53	6,083	21,473	195.05	6,083	24,636
194.54	6,083	21,534	195.06	6,083	24,697
194.55	6,083	21,595	195.07	6,083	24,758
194.56	6,083	21,655	195.08	6,083	24,819
194.57	6,083	21,716	195.09	6,083	24,879
194.58	6,083	21,777	195.10	6,083	24,940
194.59	6,083	21,838	195.11	6,083	25,001
194.60	6,083	21,899	195.12	6,083	25,062
194.61	6,083	21,960	195.13	6,083	25,123
194.62	6,083	22,020	195.14	6,083	25,184
194.63	6,083	22,081	195.15	6,083	25,244

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	6,083	25,305	195.68	6,083	28,468
195.17	6,083	25,366	195.69	6,083	28,529
195.18	6,083	25,427	195.70	6,083	28,590
195.19	6,083	25,488	195.71	6,083	28,651
195.20	6,083	25,549	195.72	6,083	28,712
195.21	6,083	25,609	195.73	6,083	28,773
195.22	6,083	25,670	195.74	6,083	28,833
195.23	6,083	25,731	195.75	6,083	28,894
195.24	6,083	25,792	195.76	6,083	28,955
195.25	6,083	25,853	195.77	6,083	29,016
195.26	6,083	25,914	195.78	6,083	29,077
195.27	6,083	25,974	195.79	6,083	29,138
195.28	6,083	26,035	195.80	6,083	29,198
195.29	6,083	26,096	195.81	6,083	29,259
195.30	6,083	26,157	195.82	6,083	29,320
195.31	6,083	26,218	195.83	6,083	29,381
195.32	6,083	26,279	195.84	6,083	29,442
195.33	6,083	26,339	195.85	6,083	29,503
195.34	6,083	26,400	195.86	6,083	29,563
195.35	6,083	26,461	195.87	6,083	29,624
195.36	6,083	26,522	195.88	6,083	29,685
195.37	6,083	26,583	195.89	6,083	29,746
195.38	6,083	26,644	195.90	6,083	29,807
195.39	6,083	26,704	195.91	6,083	29,868
195.40	6,083	26,765	195.92	6,083	29,928
195.41	6,083	26,826	195.93	6,083	29,989
195.42	6,083	26,887	195.94	6,083	30,050
195.43	6,083	26,948	195.95	6,083	30,111
195.44	6,083	27,009	195.96	6,083	30,172
195.45	6,083	27,069	195.97	6,083	30,233
195.46	6,083	27,130	195.98	6,083	30,293
195.47	6,083	27,191	195.99	6,083	30,354
195.48	6,083	27,252	196.00	6,083	30,415
195.49	6,083	27,313			
195.50	6,083	27,374			
195.51	6,083	27,434			
195.52	6,083	27,495			
195.53	6,083	27,556			
195.54	6,083	27,617			
195.55	6,083	27,678			
195.56	6,083	27,738			
195.57	6,083	27,799			
195.58	6,083	27,860			
195.59	6,083	27,921			
195.60	6,083	27,982			
195.61	6,083	28,043			
195.62	6,083	28,103			
195.63	6,083	28,164			
195.64	6,083	28,225			
195.65	6,083	28,286			
195.66	6,083	28,347			
195.67	6,083	28,408			

Summary for Pond B-36B: Basin #36B

Inflow Area = 2.469 ac, 46.54% Impervious, Inflow Depth = 2.48" for Future 2 yr event
 Inflow = 7.76 cfs @ 12.09 hrs, Volume= 0.510 af
 Outflow = 0.99 cfs @ 12.63 hrs, Volume= 0.401 af, Atten= 87%, Lag= 32.0 min
 Primary = 0.99 cfs @ 12.63 hrs, Volume= 0.401 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.18' @ 12.63 hrs Surf.Area= 5,527 sf Storage= 12,037 cf

Plug-Flow detention time= 266.1 min calculated for 0.401 af (79% of inflow)
 Center-of-Mass det. time= 179.7 min (963.2 - 783.6)

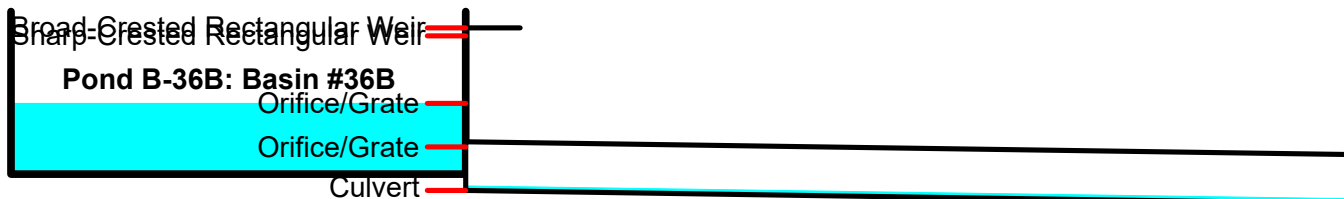
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	27,635 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	5,527	0	0
192.00	5,527	5,527	5,527
193.00	5,527	5,527	11,054
194.00	5,527	5,527	16,581
195.00	5,527	5,527	22,108
196.00	5,527	5,527	27,635

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.84'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.18'	24.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	195.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

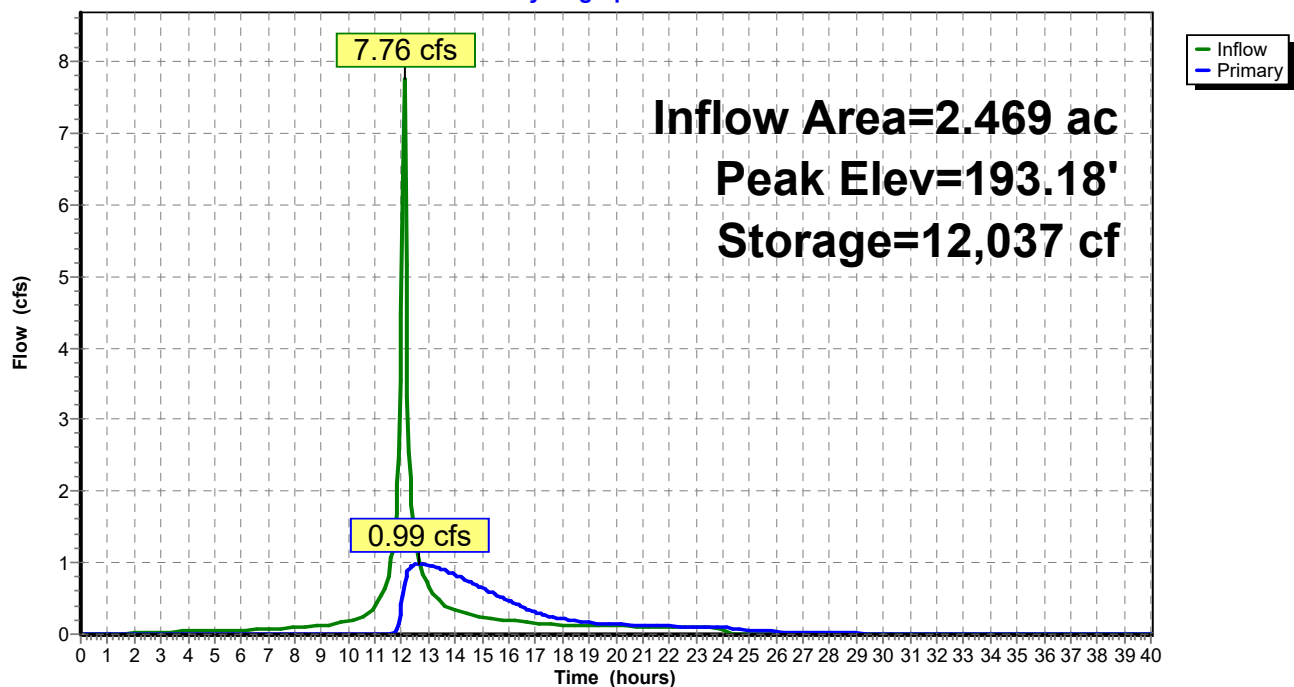
Primary OutFlow Max=0.99 cfs @ 12.63 hrs HW=193.18' (Free Discharge)

1=Culvert (Passes 0.99 cfs of 10.28 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.99 cfs @ 5.02 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-36B: Basin #36B

Hydrograph



Hydrograph for Pond B-36B: Basin #36B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	0	191.00	0.00
1.20	0.00	1	191.00	0.00
1.30	0.01	3	191.00	0.00
1.40	0.01	5	191.00	0.00
1.50	0.01	8	191.00	0.00
1.60	0.01	11	191.00	0.00
1.70	0.01	16	191.00	0.00
1.80	0.01	20	191.00	0.00
1.90	0.02	26	191.00	0.00
2.00	0.02	32	191.01	0.00
2.10	0.02	38	191.01	0.00
2.20	0.02	45	191.01	0.00
2.30	0.02	53	191.01	0.00
2.40	0.02	61	191.01	0.00
2.50	0.02	69	191.01	0.00
2.60	0.03	78	191.01	0.00
2.70	0.03	88	191.02	0.00
2.80	0.03	98	191.02	0.00
2.90	0.03	108	191.02	0.00
3.00	0.03	119	191.02	0.00
3.10	0.03	130	191.02	0.00
3.20	0.03	142	191.03	0.00
3.30	0.03	154	191.03	0.00
3.40	0.04	166	191.03	0.00
3.50	0.04	179	191.03	0.00
3.60	0.04	192	191.03	0.00
3.70	0.04	206	191.04	0.00
3.80	0.04	220	191.04	0.00
3.90	0.04	234	191.04	0.00
4.00	0.04	249	191.05	0.00
4.10	0.04	264	191.05	0.00
4.20	0.04	279	191.05	0.00
4.30	0.04	295	191.05	0.00
4.40	0.05	311	191.06	0.00
4.50	0.05	328	191.06	0.00
4.60	0.05	344	191.06	0.00
4.70	0.05	361	191.07	0.00
4.80	0.05	378	191.07	0.00
4.90	0.05	396	191.07	0.00
5.00	0.05	414	191.07	0.00
5.10	0.05	432	191.08	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	451	191.08	0.00
5.30	0.05	470	191.08	0.00
5.40	0.05	489	191.09	0.00
5.50	0.05	508	191.09	0.00
5.60	0.05	528	191.10	0.00
5.70	0.06	547	191.10	0.00
5.80	0.06	568	191.10	0.00
5.90	0.06	588	191.11	0.00
6.00	0.06	609	191.11	0.00
6.10	0.06	630	191.11	0.00
6.20	0.06	652	191.12	0.00
6.30	0.06	674	191.12	0.00
6.40	0.07	697	191.13	0.00
6.50	0.07	721	191.13	0.00
6.60	0.07	745	191.13	0.00
6.70	0.07	771	191.14	0.00
6.80	0.07	796	191.14	0.00
6.90	0.07	823	191.15	0.00
7.00	0.08	850	191.15	0.00
7.10	0.08	878	191.16	0.00
7.20	0.08	906	191.16	0.00
7.30	0.08	935	191.17	0.00
7.40	0.08	965	191.17	0.00
7.50	0.09	996	191.18	0.00
7.60	0.09	1,027	191.19	0.00
7.70	0.09	1,059	191.19	0.00
7.80	0.09	1,091	191.20	0.00
7.90	0.09	1,125	191.20	0.00
8.00	0.10	1,159	191.21	0.00
8.10	0.10	1,193	191.22	0.00
8.20	0.10	1,229	191.22	0.00
8.30	0.10	1,265	191.23	0.00
8.40	0.10	1,302	191.24	0.00
8.50	0.11	1,339	191.24	0.00
8.60	0.11	1,377	191.25	0.00
8.70	0.11	1,416	191.26	0.00
8.80	0.11	1,456	191.26	0.00
8.90	0.11	1,496	191.27	0.00
9.00	0.12	1,537	191.28	0.00
9.10	0.12	1,579	191.29	0.00
9.20	0.13	1,624	191.29	0.00
9.30	0.13	1,671	191.30	0.00
9.40	0.14	1,720	191.31	0.00
9.50	0.15	1,772	191.32	0.00
9.60	0.15	1,826	191.33	0.00
9.70	0.16	1,882	191.34	0.00
9.80	0.17	1,941	191.35	0.00
9.90	0.17	2,002	191.36	0.00
10.00	0.18	2,066	191.37	0.00
10.10	0.19	2,132	191.39	0.00
10.20	0.20	2,202	191.40	0.00
10.30	0.21	2,275	191.41	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,351	191.43	0.00
10.50	0.23	2,430	191.44	0.00
10.60	0.25	2,517	191.46	0.00
10.70	0.28	2,614	191.47	0.00
10.80	0.32	2,722	191.49	0.00
10.90	0.35	2,841	191.51	0.00
11.00	0.38	2,973	191.54	0.00
11.10	0.44	3,122	191.56	0.00
11.20	0.50	3,292	191.60	0.00
11.30	0.57	3,486	191.63	0.00
11.40	0.64	3,704	191.67	0.00
11.50	0.71	3,946	191.71	0.00
11.60	1.08	4,269	191.77	0.00
11.70	1.22	4,684	191.85	0.00
11.80	1.70	5,205	191.94	0.03
11.90	2.48	5,930	192.07	0.15
12.00	4.48	7,096	192.28	0.42
12.10	7.71	9,149	192.66	0.71
12.20	3.32	10,782	192.95	0.88
12.30	2.19	11,408	193.06	0.93
12.40	1.62	11,738	193.12	0.96
12.50	1.50	11,947	193.16	0.98
12.60	1.02	12,036	193.18	0.99
12.70	0.93	12,028	193.18	0.99
12.80	0.85	11,991	193.17	0.98
12.90	0.77	11,928	193.16	0.98
13.00	0.69	11,839	193.14	0.97
13.10	0.61	11,724	193.12	0.96
13.20	0.57	11,591	193.10	0.95
13.30	0.52	11,447	193.07	0.94
13.40	0.48	11,292	193.04	0.92
13.50	0.44	11,126	193.01	0.91
13.60	0.39	10,951	192.98	0.89
13.70	0.38	10,771	192.95	0.88
13.80	0.37	10,594	192.92	0.86
13.90	0.36	10,418	192.88	0.84
14.00	0.35	10,244	192.85	0.83
14.10	0.34	10,073	192.82	0.81
14.20	0.32	9,903	192.79	0.79
14.30	0.31	9,736	192.76	0.77
14.40	0.30	9,570	192.73	0.76
14.50	0.29	9,407	192.70	0.74
14.60	0.28	9,246	192.67	0.72
14.70	0.27	9,088	192.64	0.70
14.80	0.26	8,932	192.62	0.69
14.90	0.24	8,778	192.59	0.67
15.00	0.23	8,627	192.56	0.65
15.10	0.22	8,478	192.53	0.63
15.20	0.22	8,334	192.51	0.61
15.30	0.21	8,195	192.48	0.59
15.40	0.21	8,062	192.46	0.57
15.50	0.21	7,934	192.44	0.56

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	7,812	192.41	0.54
15.70	0.20	7,695	192.39	0.52
15.80	0.20	7,584	192.37	0.50
15.90	0.20	7,478	192.35	0.48
16.00	0.19	7,377	192.33	0.47
16.10	0.19	7,280	192.32	0.45
16.20	0.19	7,188	192.30	0.44
16.30	0.18	7,101	192.28	0.42
16.40	0.18	7,020	192.27	0.40
16.50	0.18	6,944	192.26	0.38
16.60	0.18	6,872	192.24	0.37
16.70	0.17	6,806	192.23	0.35
16.80	0.17	6,744	192.22	0.34
16.90	0.17	6,685	192.21	0.32
17.00	0.16	6,631	192.20	0.31
17.10	0.16	6,581	192.19	0.30
17.20	0.16	6,533	192.18	0.29
17.30	0.15	6,488	192.17	0.27
17.40	0.15	6,446	192.17	0.26
17.50	0.15	6,406	192.16	0.25
17.60	0.14	6,369	192.15	0.25
17.70	0.14	6,333	192.15	0.24
17.80	0.14	6,300	192.14	0.23
17.90	0.14	6,268	192.13	0.22
18.00	0.13	6,237	192.13	0.22
18.10	0.13	6,208	192.12	0.21
18.20	0.13	6,180	192.12	0.20
18.30	0.13	6,154	192.11	0.20
18.40	0.13	6,131	192.11	0.19
18.50	0.13	6,108	192.11	0.19
18.60	0.13	6,087	192.10	0.18
18.70	0.12	6,068	192.10	0.18
18.80	0.12	6,050	192.09	0.17
18.90	0.12	6,032	192.09	0.17
19.00	0.12	6,016	192.09	0.17
19.10	0.12	6,001	192.09	0.16
19.20	0.12	5,986	192.08	0.16
19.30	0.12	5,973	192.08	0.16
19.40	0.12	5,959	192.08	0.15
19.50	0.12	5,947	192.08	0.15
19.60	0.12	5,935	192.07	0.15
19.70	0.12	5,924	192.07	0.15
19.80	0.12	5,914	192.07	0.14
19.90	0.12	5,904	192.07	0.14
20.00	0.11	5,894	192.07	0.14
20.10	0.11	5,885	192.06	0.14
20.20	0.11	5,876	192.06	0.14
20.30	0.11	5,867	192.06	0.14
20.40	0.11	5,859	192.06	0.13
20.50	0.11	5,851	192.06	0.13
20.60	0.11	5,844	192.06	0.13
20.70	0.11	5,837	192.06	0.13

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	5,830	192.05	0.13
20.90	0.11	5,823	192.05	0.13
21.00	0.11	5,816	192.05	0.12
21.10	0.11	5,810	192.05	0.12
21.20	0.11	5,804	192.05	0.12
21.30	0.11	5,798	192.05	0.12
21.40	0.10	5,792	192.05	0.12
21.50	0.10	5,786	192.05	0.12
21.60	0.10	5,780	192.05	0.12
21.70	0.10	5,774	192.04	0.12
21.80	0.10	5,769	192.04	0.12
21.90	0.10	5,763	192.04	0.12
22.00	0.10	5,758	192.04	0.11
22.10	0.10	5,752	192.04	0.11
22.20	0.10	5,747	192.04	0.11
22.30	0.10	5,742	192.04	0.11
22.40	0.10	5,737	192.04	0.11
22.50	0.10	5,731	192.04	0.11
22.60	0.09	5,726	192.04	0.11
22.70	0.09	5,721	192.04	0.11
22.80	0.09	5,716	192.03	0.11
22.90	0.09	5,711	192.03	0.11
23.00	0.09	5,706	192.03	0.11
23.10	0.09	5,701	192.03	0.10
23.20	0.09	5,696	192.03	0.10
23.30	0.09	5,691	192.03	0.10
23.40	0.09	5,686	192.03	0.10
23.50	0.09	5,681	192.03	0.10
23.60	0.09	5,677	192.03	0.10
23.70	0.09	5,672	192.03	0.10
23.80	0.08	5,667	192.03	0.10
23.90	0.08	5,662	192.02	0.10
24.00	0.10	5,661	192.02	0.10
24.10	0.01	5,643	192.02	0.09
24.20	0.00	5,611	192.02	0.09
24.30	0.00	5,580	192.01	0.08
24.40	0.00	5,551	192.00	0.08
24.50	0.00	5,524	192.00	0.07
24.60	0.00	5,498	191.99	0.07
24.70	0.00	5,474	191.99	0.07
24.80	0.00	5,450	191.99	0.06
24.90	0.00	5,428	191.98	0.06
25.00	0.00	5,407	191.98	0.06
25.10	0.00	5,387	191.97	0.05
25.20	0.00	5,368	191.97	0.05
25.30	0.00	5,349	191.97	0.05
25.40	0.00	5,332	191.96	0.05
25.50	0.00	5,315	191.96	0.04
25.60	0.00	5,300	191.96	0.04
25.70	0.00	5,284	191.96	0.04
25.80	0.00	5,270	191.95	0.04
25.90	0.00	5,256	191.95	0.04

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,243	191.95	0.04
26.10	0.00	5,231	191.95	0.03
26.20	0.00	5,219	191.94	0.03
26.30	0.00	5,207	191.94	0.03
26.40	0.00	5,196	191.94	0.03
26.50	0.00	5,184	191.94	0.03
26.60	0.00	5,174	191.94	0.03
26.70	0.00	5,163	191.93	0.03
26.80	0.00	5,153	191.93	0.03
26.90	0.00	5,144	191.93	0.03
27.00	0.00	5,134	191.93	0.03
27.10	0.00	5,125	191.93	0.02
27.20	0.00	5,117	191.93	0.02
27.30	0.00	5,108	191.92	0.02
27.40	0.00	5,100	191.92	0.02
27.50	0.00	5,092	191.92	0.02
27.60	0.00	5,084	191.92	0.02
27.70	0.00	5,077	191.92	0.02
27.80	0.00	5,069	191.92	0.02
27.90	0.00	5,062	191.92	0.02
28.00	0.00	5,056	191.91	0.02
28.10	0.00	5,049	191.91	0.02
28.20	0.00	5,043	191.91	0.02
28.30	0.00	5,037	191.91	0.02
28.40	0.00	5,031	191.91	0.02
28.50	0.00	5,025	191.91	0.02
28.60	0.00	5,019	191.91	0.02
28.70	0.00	5,014	191.91	0.01
28.80	0.00	5,009	191.91	0.01
28.90	0.00	5,004	191.91	0.01
29.00	0.00	4,999	191.90	0.01
29.10	0.00	4,994	191.90	0.01
29.20	0.00	4,989	191.90	0.01
29.30	0.00	4,985	191.90	0.01
29.40	0.00	4,981	191.90	0.01
29.50	0.00	4,977	191.90	0.01
29.60	0.00	4,973	191.90	0.01
29.70	0.00	4,969	191.90	0.01
29.80	0.00	4,965	191.90	0.01
29.90	0.00	4,961	191.90	0.01
30.00	0.00	4,957	191.90	0.01
30.10	0.00	4,953	191.90	0.01
30.20	0.00	4,950	191.90	0.01
30.30	0.00	4,946	191.89	0.01
30.40	0.00	4,942	191.89	0.01
30.50	0.00	4,939	191.89	0.01
30.60	0.00	4,935	191.89	0.01
30.70	0.00	4,932	191.89	0.01
30.80	0.00	4,929	191.89	0.01
30.90	0.00	4,925	191.89	0.01
31.00	0.00	4,922	191.89	0.01
31.10	0.00	4,919	191.89	0.01

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,916	191.89	0.01
31.30	0.00	4,912	191.89	0.01
31.40	0.00	4,909	191.89	0.01
31.50	0.00	4,906	191.89	0.01
31.60	0.00	4,903	191.89	0.01
31.70	0.00	4,900	191.89	0.01
31.80	0.00	4,897	191.89	0.01
31.90	0.00	4,894	191.89	0.01
32.00	0.00	4,891	191.89	0.01
32.10	0.00	4,889	191.88	0.01
32.20	0.00	4,886	191.88	0.01
32.30	0.00	4,883	191.88	0.01
32.40	0.00	4,880	191.88	0.01
32.50	0.00	4,878	191.88	0.01
32.60	0.00	4,875	191.88	0.01
32.70	0.00	4,873	191.88	0.01
32.80	0.00	4,870	191.88	0.01
32.90	0.00	4,867	191.88	0.01
33.00	0.00	4,865	191.88	0.01
33.10	0.00	4,863	191.88	0.01
33.20	0.00	4,860	191.88	0.01
33.30	0.00	4,858	191.88	0.01
33.40	0.00	4,855	191.88	0.01
33.50	0.00	4,853	191.88	0.01
33.60	0.00	4,851	191.88	0.01
33.70	0.00	4,849	191.88	0.01
33.80	0.00	4,846	191.88	0.01
33.90	0.00	4,844	191.88	0.01
34.00	0.00	4,842	191.88	0.01
34.10	0.00	4,840	191.88	0.01
34.20	0.00	4,838	191.88	0.01
34.30	0.00	4,836	191.87	0.01
34.40	0.00	4,834	191.87	0.01
34.50	0.00	4,832	191.87	0.01
34.60	0.00	4,830	191.87	0.01
34.70	0.00	4,828	191.87	0.01
34.80	0.00	4,826	191.87	0.01
34.90	0.00	4,824	191.87	0.01
35.00	0.00	4,822	191.87	0.01
35.10	0.00	4,820	191.87	0.01
35.20	0.00	4,818	191.87	0.01
35.30	0.00	4,817	191.87	0.00
35.40	0.00	4,815	191.87	0.00
35.50	0.00	4,813	191.87	0.00
35.60	0.00	4,811	191.87	0.00
35.70	0.00	4,810	191.87	0.00
35.80	0.00	4,808	191.87	0.00
35.90	0.00	4,806	191.87	0.00
36.00	0.00	4,805	191.87	0.00
36.10	0.00	4,803	191.87	0.00
36.20	0.00	4,801	191.87	0.00
36.30	0.00	4,800	191.87	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,798	191.87	0.00
36.50	0.00	4,797	191.87	0.00
36.60	0.00	4,795	191.87	0.00
36.70	0.00	4,794	191.87	0.00
36.80	0.00	4,792	191.87	0.00
36.90	0.00	4,791	191.87	0.00
37.00	0.00	4,790	191.87	0.00
37.10	0.00	4,788	191.87	0.00
37.20	0.00	4,787	191.87	0.00
37.30	0.00	4,785	191.87	0.00
37.40	0.00	4,784	191.87	0.00
37.50	0.00	4,783	191.87	0.00
37.60	0.00	4,781	191.87	0.00
37.70	0.00	4,780	191.86	0.00
37.80	0.00	4,779	191.86	0.00
37.90	0.00	4,778	191.86	0.00
38.00	0.00	4,776	191.86	0.00
38.10	0.00	4,775	191.86	0.00
38.20	0.00	4,774	191.86	0.00
38.30	0.00	4,773	191.86	0.00
38.40	0.00	4,772	191.86	0.00
38.50	0.00	4,771	191.86	0.00
38.60	0.00	4,769	191.86	0.00
38.70	0.00	4,768	191.86	0.00
38.80	0.00	4,767	191.86	0.00
38.90	0.00	4,766	191.86	0.00
39.00	0.00	4,765	191.86	0.00
39.10	0.00	4,764	191.86	0.00
39.20	0.00	4,763	191.86	0.00
39.30	0.00	4,762	191.86	0.00
39.40	0.00	4,761	191.86	0.00
39.50	0.00	4,760	191.86	0.00
39.60	0.00	4,759	191.86	0.00
39.70	0.00	4,758	191.86	0.00
39.80	0.00	4,757	191.86	0.00
39.90	0.00	4,756	191.86	0.00
40.00	0.00	4,755	191.86	0.00

Stage-Discharge for Pond B-36B: Basin #36B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.11	192.56	0.65
191.01	0.00	191.53	0.00	192.05	0.12	192.57	0.66
191.02	0.00	191.54	0.00	192.06	0.13	192.58	0.66
191.03	0.00	191.55	0.00	192.07	0.14	192.59	0.67
191.04	0.00	191.56	0.00	192.08	0.16	192.60	0.68
191.05	0.00	191.57	0.00	192.09	0.17	192.61	0.68
191.06	0.00	191.58	0.00	192.10	0.18	192.62	0.69
191.07	0.00	191.59	0.00	192.11	0.19	192.63	0.69
191.08	0.00	191.60	0.00	192.12	0.20	192.64	0.70
191.09	0.00	191.61	0.00	192.13	0.22	192.65	0.71
191.10	0.00	191.62	0.00	192.14	0.23	192.66	0.71
191.11	0.00	191.63	0.00	192.15	0.24	192.67	0.72
191.12	0.00	191.64	0.00	192.16	0.26	192.68	0.73
191.13	0.00	191.65	0.00	192.17	0.27	192.69	0.73
191.14	0.00	191.66	0.00	192.18	0.28	192.70	0.74
191.15	0.00	191.67	0.00	192.19	0.30	192.71	0.74
191.16	0.00	191.68	0.00	192.20	0.31	192.72	0.75
191.17	0.00	191.69	0.00	192.21	0.32	192.73	0.76
191.18	0.00	191.70	0.00	192.22	0.34	192.74	0.76
191.19	0.00	191.71	0.00	192.23	0.35	192.75	0.77
191.20	0.00	191.72	0.00	192.24	0.36	192.76	0.77
191.21	0.00	191.73	0.00	192.25	0.38	192.77	0.78
191.22	0.00	191.74	0.00	192.26	0.39	192.78	0.79
191.23	0.00	191.75	0.00	192.27	0.40	192.79	0.79
191.24	0.00	191.76	0.00	192.28	0.41	192.80	0.80
191.25	0.00	191.77	0.00	192.29	0.43	192.81	0.80
191.26	0.00	191.78	0.00	192.30	0.44	192.82	0.81
191.27	0.00	191.79	0.00	192.31	0.45	192.83	0.81
191.28	0.00	191.80	0.00	192.32	0.46	192.84	0.82
191.29	0.00	191.81	0.00	192.33	0.47	192.85	0.82
191.30	0.00	191.82	0.00	192.34	0.47	192.86	0.83
191.31	0.00	191.83	0.00	192.35	0.48	192.87	0.83
191.32	0.00	191.84	0.00	192.36	0.49	192.88	0.84
191.33	0.00	191.85	0.00	192.37	0.50	192.89	0.85
191.34	0.00	191.86	0.00	192.38	0.51	192.90	0.85
191.35	0.00	191.87	0.00	192.39	0.52	192.91	0.86
191.36	0.00	191.88	0.01	192.40	0.53	192.92	0.86
191.37	0.00	191.89	0.01	192.41	0.53	192.93	0.87
191.38	0.00	191.90	0.01	192.42	0.54	192.94	0.87
191.39	0.00	191.91	0.02	192.43	0.55	192.95	0.88
191.40	0.00	191.92	0.02	192.44	0.56	192.96	0.88
191.41	0.00	191.93	0.02	192.45	0.57	192.97	0.89
191.42	0.00	191.94	0.03	192.46	0.58	192.98	0.89
191.43	0.00	191.95	0.04	192.47	0.58	192.99	0.90
191.44	0.00	191.96	0.04	192.48	0.59	193.00	0.90
191.45	0.00	191.97	0.05	192.49	0.60	193.01	0.91
191.46	0.00	191.98	0.06	192.50	0.61	193.02	0.91
191.47	0.00	191.99	0.07	192.51	0.61	193.03	0.92
191.48	0.00	192.00	0.07	192.52	0.62	193.04	0.92
191.49	0.00	192.01	0.08	192.53	0.63	193.05	0.93
191.50	0.00	192.02	0.09	192.54	0.63	193.06	0.93
191.51	0.00	192.03	0.10	192.55	0.64	193.07	0.94

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.94	193.60	2.91	194.12	7.20	194.64	10.83
193.09	0.95	193.61	2.98	194.13	7.29	194.65	10.89
193.10	0.95	193.62	3.04	194.14	7.39	194.66	10.94
193.11	0.95	193.63	3.11	194.15	7.49	194.67	10.99
193.12	0.96	193.64	3.18	194.16	7.59	194.68	11.05
193.13	0.96	193.65	3.25	194.17	7.69	194.69	11.10
193.14	0.97	193.66	3.32	194.18	7.79	194.70	11.15
193.15	0.97	193.67	3.39	194.19	7.88	194.71	11.20
193.16	0.98	193.68	3.46	194.20	7.97	194.72	11.25
193.17	0.98	193.69	3.53	194.21	8.05	194.73	11.31
193.18	0.99	193.70	3.61	194.22	8.14	194.74	11.36
193.19	1.00	193.71	3.68	194.23	8.22	194.75	11.41
193.20	1.01	193.72	3.75	194.24	8.30	194.76	11.46
193.21	1.03	193.73	3.83	194.25	8.38	194.77	11.51
193.22	1.06	193.74	3.90	194.26	8.45	194.78	11.56
193.23	1.08	193.75	3.98	194.27	8.53	194.79	11.61
193.24	1.11	193.76	4.06	194.28	8.60	194.80	11.66
193.25	1.14	193.77	4.13	194.29	8.68	194.81	11.71
193.26	1.17	193.78	4.21	194.30	8.75	194.82	11.76
193.27	1.20	193.79	4.29	194.31	8.82	194.83	11.81
193.28	1.23	193.80	4.37	194.32	8.89	194.84	11.86
193.29	1.27	193.81	4.45	194.33	8.96	194.85	11.90
193.30	1.31	193.82	4.53	194.34	9.03	194.86	11.95
193.31	1.35	193.83	4.61	194.35	9.10	194.87	12.00
193.32	1.38	193.84	4.69	194.36	9.16	194.88	12.05
193.33	1.43	193.85	4.78	194.37	9.23	194.89	12.10
193.34	1.47	193.86	4.86	194.38	9.30	194.90	12.14
193.35	1.51	193.87	4.94	194.39	9.36	194.91	12.19
193.36	1.56	193.88	5.02	194.40	9.43	194.92	12.24
193.37	1.60	193.89	5.11	194.41	9.49	194.93	12.29
193.38	1.65	193.90	5.19	194.42	9.55	194.94	12.33
193.39	1.70	193.91	5.28	194.43	9.62	194.95	12.38
193.40	1.74	193.92	5.37	194.44	9.68	194.96	12.43
193.41	1.79	193.93	5.45	194.45	9.74	194.97	12.47
193.42	1.85	193.94	5.54	194.46	9.80	194.98	12.52
193.43	1.90	193.95	5.63	194.47	9.86	194.99	12.56
193.44	1.95	193.96	5.72	194.48	9.92	195.00	12.61
193.45	2.00	193.97	5.80	194.49	9.98	195.01	12.65
193.46	2.06	193.98	5.89	194.50	10.04	195.02	12.70
193.47	2.11	193.99	5.98	194.51	10.10	195.03	12.74
193.48	2.17	194.00	6.07	194.52	10.16	195.04	12.79
193.49	2.23	194.01	6.16	194.53	10.22	195.05	12.83
193.50	2.28	194.02	6.26	194.54	10.28	195.06	12.88
193.51	2.34	194.03	6.35	194.55	10.33	195.07	12.92
193.52	2.40	194.04	6.44	194.56	10.39	195.08	12.97
193.53	2.46	194.05	6.53	194.57	10.45	195.09	13.01
193.54	2.53	194.06	6.63	194.58	10.50	195.10	13.05
193.55	2.59	194.07	6.72	194.59	10.56	195.11	13.10
193.56	2.65	194.08	6.82	194.60	10.61	195.12	13.14
193.57	2.71	194.09	6.91	194.61	10.67	195.13	13.19
193.58	2.78	194.10	7.01	194.62	10.72	195.14	13.23
193.59	2.84	194.11	7.10	194.63	10.78	195.15	13.27

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.16	13.31	195.68	25.55
195.17	13.36	195.69	26.34
195.18	13.40	195.70	27.14
195.19	13.44	195.71	28.01
195.20	13.49	195.72	28.90
195.21	13.53	195.73	29.82
195.22	13.57	195.74	30.77
195.23	13.61	195.75	31.73
195.24	13.65	195.76	32.73
195.25	13.69	195.77	33.75
195.26	13.75	195.78	34.79
195.27	13.81	195.79	35.86
195.28	13.89	195.80	36.95
195.29	13.96	195.81	38.07
195.30	14.05	195.82	39.21
195.31	14.13	195.83	40.37
195.32	14.22	195.84	41.56
195.33	14.32	195.85	42.78
195.34	14.42	195.86	44.02
195.35	14.52	195.87	45.28
195.36	14.62	195.88	46.56
195.37	14.73	195.89	47.87
195.38	14.83	195.90	49.21
195.39	14.95	195.91	50.59
195.40	15.06	195.92	52.01
195.41	15.17	195.93	53.44
195.42	15.29	195.94	54.91
195.43	15.41	195.95	56.40
195.44	15.54	195.96	57.91
195.45	15.66	195.97	59.46
195.46	15.79	195.98	61.02
195.47	15.91	195.99	62.62
195.48	16.04	196.00	64.24
195.49	16.15		
195.50	16.17		
195.51	16.31		
195.52	16.54		
195.53	16.84		
195.54	17.19		
195.55	17.58		
195.56	18.02		
195.57	18.49		
195.58	18.99		
195.59	19.53		
195.60	20.09		
195.61	20.69		
195.62	21.31		
195.63	21.96		
195.64	22.63		
195.65	23.32		
195.66	24.04		
195.67	24.79		

Stage-Area-Storage for Pond B-36B: Basin #36B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	5,527	0	191.52	5,527	2,874
191.01	5,527	55	191.53	5,527	2,929
191.02	5,527	111	191.54	5,527	2,985
191.03	5,527	166	191.55	5,527	3,040
191.04	5,527	221	191.56	5,527	3,095
191.05	5,527	276	191.57	5,527	3,150
191.06	5,527	332	191.58	5,527	3,206
191.07	5,527	387	191.59	5,527	3,261
191.08	5,527	442	191.60	5,527	3,316
191.09	5,527	497	191.61	5,527	3,371
191.10	5,527	553	191.62	5,527	3,427
191.11	5,527	608	191.63	5,527	3,482
191.12	5,527	663	191.64	5,527	3,537
191.13	5,527	719	191.65	5,527	3,593
191.14	5,527	774	191.66	5,527	3,648
191.15	5,527	829	191.67	5,527	3,703
191.16	5,527	884	191.68	5,527	3,758
191.17	5,527	940	191.69	5,527	3,814
191.18	5,527	995	191.70	5,527	3,869
191.19	5,527	1,050	191.71	5,527	3,924
191.20	5,527	1,105	191.72	5,527	3,979
191.21	5,527	1,161	191.73	5,527	4,035
191.22	5,527	1,216	191.74	5,527	4,090
191.23	5,527	1,271	191.75	5,527	4,145
191.24	5,527	1,326	191.76	5,527	4,201
191.25	5,527	1,382	191.77	5,527	4,256
191.26	5,527	1,437	191.78	5,527	4,311
191.27	5,527	1,492	191.79	5,527	4,366
191.28	5,527	1,548	191.80	5,527	4,422
191.29	5,527	1,603	191.81	5,527	4,477
191.30	5,527	1,658	191.82	5,527	4,532
191.31	5,527	1,713	191.83	5,527	4,587
191.32	5,527	1,769	191.84	5,527	4,643
191.33	5,527	1,824	191.85	5,527	4,698
191.34	5,527	1,879	191.86	5,527	4,753
191.35	5,527	1,934	191.87	5,527	4,808
191.36	5,527	1,990	191.88	5,527	4,864
191.37	5,527	2,045	191.89	5,527	4,919
191.38	5,527	2,100	191.90	5,527	4,974
191.39	5,527	2,156	191.91	5,527	5,030
191.40	5,527	2,211	191.92	5,527	5,085
191.41	5,527	2,266	191.93	5,527	5,140
191.42	5,527	2,321	191.94	5,527	5,195
191.43	5,527	2,377	191.95	5,527	5,251
191.44	5,527	2,432	191.96	5,527	5,306
191.45	5,527	2,487	191.97	5,527	5,361
191.46	5,527	2,542	191.98	5,527	5,416
191.47	5,527	2,598	191.99	5,527	5,472
191.48	5,527	2,653	192.00	5,527	5,527
191.49	5,527	2,708	192.01	5,527	5,582
191.50	5,527	2,764	192.02	5,527	5,638
191.51	5,527	2,819	192.03	5,527	5,693

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	5,527	5,748	192.56	5,527	8,622
192.05	5,527	5,803	192.57	5,527	8,677
192.06	5,527	5,859	192.58	5,527	8,733
192.07	5,527	5,914	192.59	5,527	8,788
192.08	5,527	5,969	192.60	5,527	8,843
192.09	5,527	6,024	192.61	5,527	8,898
192.10	5,527	6,080	192.62	5,527	8,954
192.11	5,527	6,135	192.63	5,527	9,009
192.12	5,527	6,190	192.64	5,527	9,064
192.13	5,527	6,246	192.65	5,527	9,120
192.14	5,527	6,301	192.66	5,527	9,175
192.15	5,527	6,356	192.67	5,527	9,230
192.16	5,527	6,411	192.68	5,527	9,285
192.17	5,527	6,467	192.69	5,527	9,341
192.18	5,527	6,522	192.70	5,527	9,396
192.19	5,527	6,577	192.71	5,527	9,451
192.20	5,527	6,632	192.72	5,527	9,506
192.21	5,527	6,688	192.73	5,527	9,562
192.22	5,527	6,743	192.74	5,527	9,617
192.23	5,527	6,798	192.75	5,527	9,672
192.24	5,527	6,853	192.76	5,527	9,728
192.25	5,527	6,909	192.77	5,527	9,783
192.26	5,527	6,964	192.78	5,527	9,838
192.27	5,527	7,019	192.79	5,527	9,893
192.28	5,527	7,075	192.80	5,527	9,949
192.29	5,527	7,130	192.81	5,527	10,004
192.30	5,527	7,185	192.82	5,527	10,059
192.31	5,527	7,240	192.83	5,527	10,114
192.32	5,527	7,296	192.84	5,527	10,170
192.33	5,527	7,351	192.85	5,527	10,225
192.34	5,527	7,406	192.86	5,527	10,280
192.35	5,527	7,461	192.87	5,527	10,335
192.36	5,527	7,517	192.88	5,527	10,391
192.37	5,527	7,572	192.89	5,527	10,446
192.38	5,527	7,627	192.90	5,527	10,501
192.39	5,527	7,683	192.91	5,527	10,557
192.40	5,527	7,738	192.92	5,527	10,612
192.41	5,527	7,793	192.93	5,527	10,667
192.42	5,527	7,848	192.94	5,527	10,722
192.43	5,527	7,904	192.95	5,527	10,778
192.44	5,527	7,959	192.96	5,527	10,833
192.45	5,527	8,014	192.97	5,527	10,888
192.46	5,527	8,069	192.98	5,527	10,943
192.47	5,527	8,125	192.99	5,527	10,999
192.48	5,527	8,180	193.00	5,527	11,054
192.49	5,527	8,235	193.01	5,527	11,109
192.50	5,527	8,291	193.02	5,527	11,165
192.51	5,527	8,346	193.03	5,527	11,220
192.52	5,527	8,401	193.04	5,527	11,275
192.53	5,527	8,456	193.05	5,527	11,330
192.54	5,527	8,512	193.06	5,527	11,386
192.55	5,527	8,567	193.07	5,527	11,441

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	5,527	11,496	193.60	5,527	14,370
193.09	5,527	11,551	193.61	5,527	14,425
193.10	5,527	11,607	193.62	5,527	14,481
193.11	5,527	11,662	193.63	5,527	14,536
193.12	5,527	11,717	193.64	5,527	14,591
193.13	5,527	11,773	193.65	5,527	14,647
193.14	5,527	11,828	193.66	5,527	14,702
193.15	5,527	11,883	193.67	5,527	14,757
193.16	5,527	11,938	193.68	5,527	14,812
193.17	5,527	11,994	193.69	5,527	14,868
193.18	5,527	12,049	193.70	5,527	14,923
193.19	5,527	12,104	193.71	5,527	14,978
193.20	5,527	12,159	193.72	5,527	15,033
193.21	5,527	12,215	193.73	5,527	15,089
193.22	5,527	12,270	193.74	5,527	15,144
193.23	5,527	12,325	193.75	5,527	15,199
193.24	5,527	12,380	193.76	5,527	15,255
193.25	5,527	12,436	193.77	5,527	15,310
193.26	5,527	12,491	193.78	5,527	15,365
193.27	5,527	12,546	193.79	5,527	15,420
193.28	5,527	12,602	193.80	5,527	15,476
193.29	5,527	12,657	193.81	5,527	15,531
193.30	5,527	12,712	193.82	5,527	15,586
193.31	5,527	12,767	193.83	5,527	15,641
193.32	5,527	12,823	193.84	5,527	15,697
193.33	5,527	12,878	193.85	5,527	15,752
193.34	5,527	12,933	193.86	5,527	15,807
193.35	5,527	12,988	193.87	5,527	15,862
193.36	5,527	13,044	193.88	5,527	15,918
193.37	5,527	13,099	193.89	5,527	15,973
193.38	5,527	13,154	193.90	5,527	16,028
193.39	5,527	13,210	193.91	5,527	16,084
193.40	5,527	13,265	193.92	5,527	16,139
193.41	5,527	13,320	193.93	5,527	16,194
193.42	5,527	13,375	193.94	5,527	16,249
193.43	5,527	13,431	193.95	5,527	16,305
193.44	5,527	13,486	193.96	5,527	16,360
193.45	5,527	13,541	193.97	5,527	16,415
193.46	5,527	13,596	193.98	5,527	16,470
193.47	5,527	13,652	193.99	5,527	16,526
193.48	5,527	13,707	194.00	5,527	16,581
193.49	5,527	13,762	194.01	5,527	16,636
193.50	5,527	13,818	194.02	5,527	16,692
193.51	5,527	13,873	194.03	5,527	16,747
193.52	5,527	13,928	194.04	5,527	16,802
193.53	5,527	13,983	194.05	5,527	16,857
193.54	5,527	14,039	194.06	5,527	16,913
193.55	5,527	14,094	194.07	5,527	16,968
193.56	5,527	14,149	194.08	5,527	17,023
193.57	5,527	14,204	194.09	5,527	17,078
193.58	5,527	14,260	194.10	5,527	17,134
193.59	5,527	14,315	194.11	5,527	17,189

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	5,527	17,244	194.64	5,527	20,118
194.13	5,527	17,300	194.65	5,527	20,174
194.14	5,527	17,355	194.66	5,527	20,229
194.15	5,527	17,410	194.67	5,527	20,284
194.16	5,527	17,465	194.68	5,527	20,339
194.17	5,527	17,521	194.69	5,527	20,395
194.18	5,527	17,576	194.70	5,527	20,450
194.19	5,527	17,631	194.71	5,527	20,505
194.20	5,527	17,686	194.72	5,527	20,560
194.21	5,527	17,742	194.73	5,527	20,616
194.22	5,527	17,797	194.74	5,527	20,671
194.23	5,527	17,852	194.75	5,527	20,726
194.24	5,527	17,907	194.76	5,527	20,782
194.25	5,527	17,963	194.77	5,527	20,837
194.26	5,527	18,018	194.78	5,527	20,892
194.27	5,527	18,073	194.79	5,527	20,947
194.28	5,527	18,129	194.80	5,527	21,003
194.29	5,527	18,184	194.81	5,527	21,058
194.30	5,527	18,239	194.82	5,527	21,113
194.31	5,527	18,294	194.83	5,527	21,168
194.32	5,527	18,350	194.84	5,527	21,224
194.33	5,527	18,405	194.85	5,527	21,279
194.34	5,527	18,460	194.86	5,527	21,334
194.35	5,527	18,515	194.87	5,527	21,389
194.36	5,527	18,571	194.88	5,527	21,445
194.37	5,527	18,626	194.89	5,527	21,500
194.38	5,527	18,681	194.90	5,527	21,555
194.39	5,527	18,737	194.91	5,527	21,611
194.40	5,527	18,792	194.92	5,527	21,666
194.41	5,527	18,847	194.93	5,527	21,721
194.42	5,527	18,902	194.94	5,527	21,776
194.43	5,527	18,958	194.95	5,527	21,832
194.44	5,527	19,013	194.96	5,527	21,887
194.45	5,527	19,068	194.97	5,527	21,942
194.46	5,527	19,123	194.98	5,527	21,997
194.47	5,527	19,179	194.99	5,527	22,053
194.48	5,527	19,234	195.00	5,527	22,108
194.49	5,527	19,289	195.01	5,527	22,163
194.50	5,527	19,345	195.02	5,527	22,219
194.51	5,527	19,400	195.03	5,527	22,274
194.52	5,527	19,455	195.04	5,527	22,329
194.53	5,527	19,510	195.05	5,527	22,384
194.54	5,527	19,566	195.06	5,527	22,440
194.55	5,527	19,621	195.07	5,527	22,495
194.56	5,527	19,676	195.08	5,527	22,550
194.57	5,527	19,731	195.09	5,527	22,605
194.58	5,527	19,787	195.10	5,527	22,661
194.59	5,527	19,842	195.11	5,527	22,716
194.60	5,527	19,897	195.12	5,527	22,771
194.61	5,527	19,952	195.13	5,527	22,827
194.62	5,527	20,008	195.14	5,527	22,882
194.63	5,527	20,063	195.15	5,527	22,937

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,527	22,992	195.68	5,527	25,866
195.17	5,527	23,048	195.69	5,527	25,922
195.18	5,527	23,103	195.70	5,527	25,977
195.19	5,527	23,158	195.71	5,527	26,032
195.20	5,527	23,213	195.72	5,527	26,087
195.21	5,527	23,269	195.73	5,527	26,143
195.22	5,527	23,324	195.74	5,527	26,198
195.23	5,527	23,379	195.75	5,527	26,253
195.24	5,527	23,434	195.76	5,527	26,309
195.25	5,527	23,490	195.77	5,527	26,364
195.26	5,527	23,545	195.78	5,527	26,419
195.27	5,527	23,600	195.79	5,527	26,474
195.28	5,527	23,656	195.80	5,527	26,530
195.29	5,527	23,711	195.81	5,527	26,585
195.30	5,527	23,766	195.82	5,527	26,640
195.31	5,527	23,821	195.83	5,527	26,695
195.32	5,527	23,877	195.84	5,527	26,751
195.33	5,527	23,932	195.85	5,527	26,806
195.34	5,527	23,987	195.86	5,527	26,861
195.35	5,527	24,042	195.87	5,527	26,916
195.36	5,527	24,098	195.88	5,527	26,972
195.37	5,527	24,153	195.89	5,527	27,027
195.38	5,527	24,208	195.90	5,527	27,082
195.39	5,527	24,264	195.91	5,527	27,138
195.40	5,527	24,319	195.92	5,527	27,193
195.41	5,527	24,374	195.93	5,527	27,248
195.42	5,527	24,429	195.94	5,527	27,303
195.43	5,527	24,485	195.95	5,527	27,359
195.44	5,527	24,540	195.96	5,527	27,414
195.45	5,527	24,595	195.97	5,527	27,469
195.46	5,527	24,650	195.98	5,527	27,524
195.47	5,527	24,706	195.99	5,527	27,580
195.48	5,527	24,761	196.00	5,527	27,635
195.49	5,527	24,816			
195.50	5,527	24,872			
195.51	5,527	24,927			
195.52	5,527	24,982			
195.53	5,527	25,037			
195.54	5,527	25,093			
195.55	5,527	25,148			
195.56	5,527	25,203			
195.57	5,527	25,258			
195.58	5,527	25,314			
195.59	5,527	25,369			
195.60	5,527	25,424			
195.61	5,527	25,479			
195.62	5,527	25,535			
195.63	5,527	25,590			
195.64	5,527	25,645			
195.65	5,527	25,701			
195.66	5,527	25,756			
195.67	5,527	25,811			

Summary for Pond B-37A: Basin #37A

Inflow Area = 2.154 ac, 39.65% Impervious, Inflow Depth = 2.33" for Future 2 yr event
 Inflow = 5.72 cfs @ 12.09 hrs, Volume= 0.418 af
 Outflow = 0.70 cfs @ 12.83 hrs, Volume= 0.330 af, Atten= 88%, Lag= 44.8 min
 Primary = 0.70 cfs @ 12.83 hrs, Volume= 0.330 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.24' @ 12.83 hrs Surf.Area= 8,125 sf Storage= 10,039 cf

Plug-Flow detention time= 303.4 min calculated for 0.329 af (79% of inflow)
 Center-of-Mass det. time= 218.1 min (1,008.4 - 790.3)

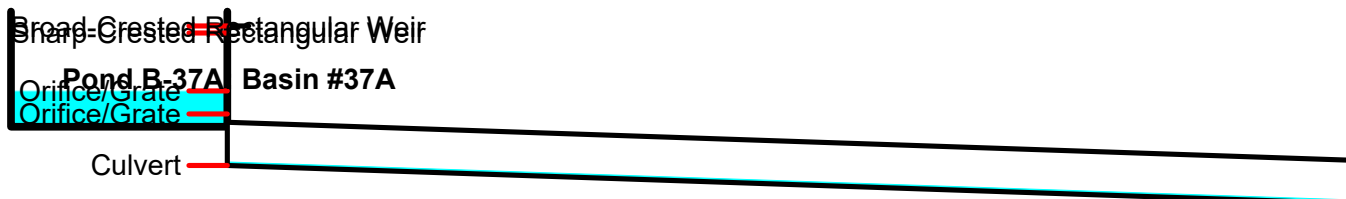
Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	32,500 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	8,125	0	0
195.00	8,125	8,125	8,125
196.00	8,125	8,125	16,250
197.00	8,125	8,125	24,375
198.00	8,125	8,125	32,500

Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.44'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.24'	15.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	197.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	197.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

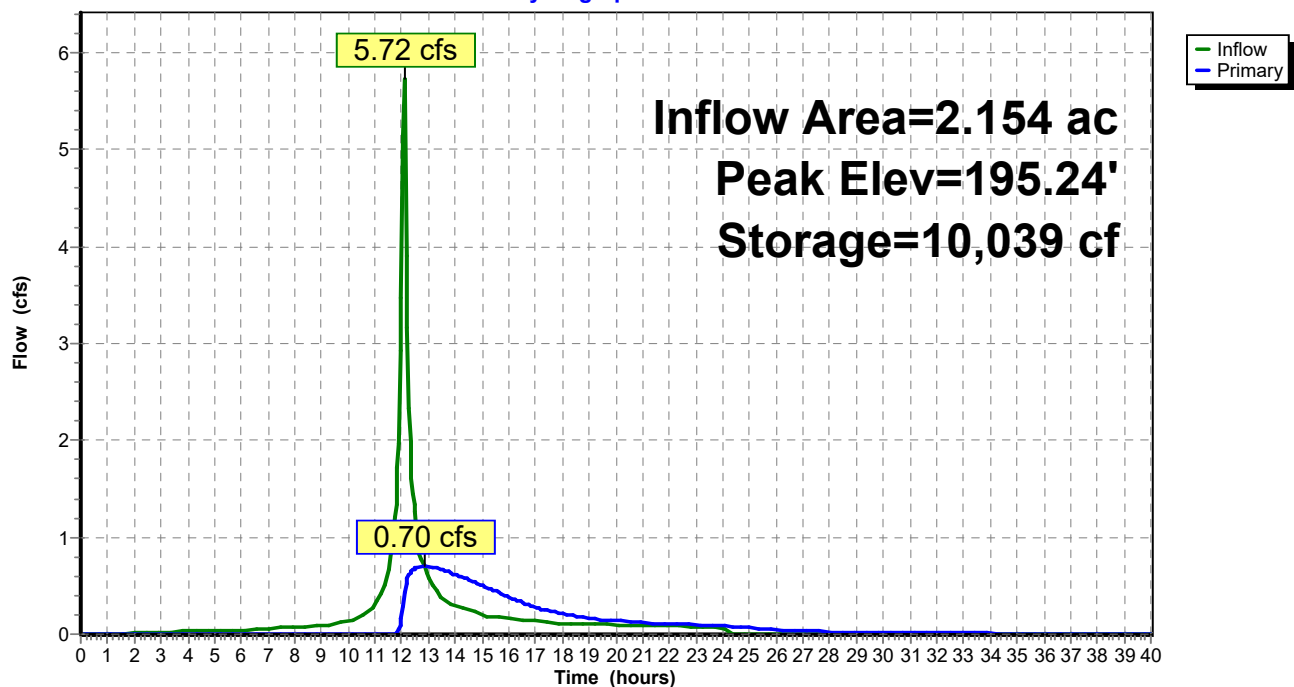
Primary OutFlow Max=0.70 cfs @ 12.83 hrs HW=195.24' (Free Discharge)

1=Culvert (Passes 0.70 cfs of 8.73 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.70 cfs @ 3.56 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-37A: Basin #37A

Hydrograph



Hydrograph for Pond B-37A: Basin #37A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.00	0	194.00	0.00
0.90	0.00	0	194.00	0.00
1.00	0.00	0	194.00	0.00
1.10	0.00	0	194.00	0.00
1.20	0.00	1	194.00	0.00
1.30	0.00	3	194.00	0.00
1.40	0.01	4	194.00	0.00
1.50	0.01	7	194.00	0.00
1.60	0.01	10	194.00	0.00
1.70	0.01	13	194.00	0.00
1.80	0.01	17	194.00	0.00
1.90	0.01	21	194.00	0.00
2.00	0.01	25	194.00	0.00
2.10	0.01	30	194.00	0.00
2.20	0.02	36	194.00	0.00
2.30	0.02	41	194.01	0.00
2.40	0.02	48	194.01	0.00
2.50	0.02	54	194.01	0.00
2.60	0.02	61	194.01	0.00
2.70	0.02	68	194.01	0.00
2.80	0.02	76	194.01	0.00
2.90	0.02	83	194.01	0.00
3.00	0.02	92	194.01	0.00
3.10	0.02	100	194.01	0.00
3.20	0.02	109	194.01	0.00
3.30	0.03	118	194.01	0.00
3.40	0.03	127	194.02	0.00
3.50	0.03	137	194.02	0.00
3.60	0.03	147	194.02	0.00
3.70	0.03	157	194.02	0.00
3.80	0.03	168	194.02	0.00
3.90	0.03	178	194.02	0.00
4.00	0.03	189	194.02	0.00
4.10	0.03	201	194.02	0.00
4.20	0.03	212	194.03	0.00
4.30	0.03	224	194.03	0.00
4.40	0.03	236	194.03	0.00
4.50	0.03	248	194.03	0.00
4.60	0.03	261	194.03	0.00
4.70	0.04	274	194.03	0.00
4.80	0.04	287	194.04	0.00
4.90	0.04	300	194.04	0.00
5.00	0.04	313	194.04	0.00
5.10	0.04	327	194.04	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	341	194.04	0.00
5.30	0.04	355	194.04	0.00
5.40	0.04	369	194.05	0.00
5.50	0.04	383	194.05	0.00
5.60	0.04	398	194.05	0.00
5.70	0.04	413	194.05	0.00
5.80	0.04	428	194.05	0.00
5.90	0.04	443	194.05	0.00
6.00	0.04	459	194.06	0.00
6.10	0.04	475	194.06	0.00
6.20	0.05	491	194.06	0.00
6.30	0.05	508	194.06	0.00
6.40	0.05	525	194.06	0.00
6.50	0.05	543	194.07	0.00
6.60	0.05	561	194.07	0.00
6.70	0.05	580	194.07	0.00
6.80	0.05	600	194.07	0.00
6.90	0.06	619	194.08	0.00
7.00	0.06	640	194.08	0.00
7.10	0.06	661	194.08	0.00
7.20	0.06	682	194.08	0.00
7.30	0.06	704	194.09	0.00
7.40	0.06	726	194.09	0.00
7.50	0.06	749	194.09	0.00
7.60	0.07	773	194.10	0.00
7.70	0.07	797	194.10	0.00
7.80	0.07	821	194.10	0.00
7.90	0.07	846	194.10	0.00
8.00	0.07	872	194.11	0.00
8.10	0.07	898	194.11	0.00
8.20	0.07	924	194.11	0.00
8.30	0.08	951	194.12	0.00
8.40	0.08	979	194.12	0.00
8.50	0.08	1,007	194.12	0.00
8.60	0.08	1,035	194.13	0.00
8.70	0.08	1,064	194.13	0.00
8.80	0.08	1,094	194.13	0.00
8.90	0.08	1,124	194.14	0.00
9.00	0.09	1,155	194.14	0.00
9.10	0.09	1,187	194.15	0.00
9.20	0.10	1,221	194.15	0.00
9.30	0.10	1,256	194.15	0.00
9.40	0.11	1,294	194.16	0.00
9.50	0.11	1,333	194.16	0.00
9.60	0.12	1,374	194.17	0.00
9.70	0.12	1,416	194.17	0.00
9.80	0.13	1,461	194.18	0.00
9.90	0.13	1,507	194.19	0.00
10.00	0.14	1,555	194.19	0.00
10.10	0.14	1,605	194.20	0.00
10.20	0.15	1,657	194.20	0.00
10.30	0.15	1,712	194.21	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,769	194.22	0.00
10.50	0.17	1,829	194.23	0.00
10.60	0.19	1,896	194.23	0.00
10.70	0.22	1,971	194.24	0.00
10.80	0.24	2,054	194.25	0.00
10.90	0.27	2,147	194.26	0.00
11.00	0.30	2,249	194.28	0.00
11.10	0.34	2,366	194.29	0.00
11.20	0.39	2,499	194.31	0.00
11.30	0.44	2,651	194.33	0.00
11.40	0.50	2,822	194.35	0.00
11.50	0.57	3,012	194.37	0.00
11.60	0.84	3,278	194.40	0.00
11.70	0.96	3,603	194.44	0.00
11.80	1.34	4,027	194.50	0.01
11.90	1.97	4,624	194.57	0.05
12.00	3.47	5,605	194.69	0.17
12.10	5.64	7,246	194.89	0.43
12.20	3.16	8,559	195.05	0.57
12.30	1.98	9,224	195.14	0.63
12.40	1.44	9,587	195.18	0.66
12.50	1.26	9,828	195.21	0.68
12.60	0.92	9,963	195.23	0.69
12.70	0.79	10,018	195.23	0.70
12.80	0.72	10,038	195.24	0.70
12.90	0.66	10,034	195.23	0.70
13.00	0.59	10,007	195.23	0.70
13.10	0.53	9,957	195.23	0.69
13.20	0.48	9,889	195.22	0.69
13.30	0.45	9,810	195.21	0.68
13.40	0.41	9,720	195.20	0.67
13.50	0.38	9,620	195.18	0.66
13.60	0.34	9,510	195.17	0.66
13.70	0.32	9,395	195.16	0.65
13.80	0.31	9,279	195.14	0.64
13.90	0.30	9,163	195.13	0.63
14.00	0.30	9,048	195.11	0.62
14.10	0.29	8,932	195.10	0.60
14.20	0.28	8,818	195.09	0.59
14.30	0.27	8,703	195.07	0.58
14.40	0.26	8,589	195.06	0.57
14.50	0.25	8,476	195.04	0.56
14.60	0.24	8,363	195.03	0.55
14.70	0.23	8,250	195.02	0.54
14.80	0.22	8,138	195.00	0.53
14.90	0.21	8,027	194.99	0.52
15.00	0.20	7,917	194.97	0.50
15.10	0.19	7,807	194.96	0.49
15.20	0.19	7,700	194.95	0.48
15.30	0.18	7,595	194.93	0.47
15.40	0.18	7,493	194.92	0.46
15.50	0.18	7,394	194.91	0.45

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.18	7,299	194.90	0.43
15.70	0.17	7,208	194.89	0.42
15.80	0.17	7,120	194.88	0.41
15.90	0.17	7,036	194.87	0.40
16.00	0.16	6,956	194.86	0.38
16.10	0.16	6,879	194.85	0.37
16.20	0.16	6,806	194.84	0.36
16.30	0.16	6,735	194.83	0.35
16.40	0.15	6,668	194.82	0.34
16.50	0.15	6,604	194.81	0.33
16.60	0.15	6,543	194.81	0.32
16.70	0.15	6,484	194.80	0.31
16.80	0.14	6,428	194.79	0.30
16.90	0.14	6,374	194.78	0.29
17.00	0.14	6,322	194.78	0.28
17.10	0.14	6,272	194.77	0.27
17.20	0.13	6,225	194.77	0.26
17.30	0.13	6,179	194.76	0.26
17.40	0.13	6,134	194.76	0.25
17.50	0.13	6,092	194.75	0.24
17.60	0.12	6,051	194.74	0.24
17.70	0.12	6,011	194.74	0.23
17.80	0.12	5,972	194.74	0.22
17.90	0.12	5,935	194.73	0.22
18.00	0.11	5,899	194.73	0.21
18.10	0.11	5,864	194.72	0.21
18.20	0.11	5,830	194.72	0.20
18.30	0.11	5,798	194.71	0.20
18.40	0.11	5,767	194.71	0.19
18.50	0.11	5,738	194.71	0.19
18.60	0.11	5,709	194.70	0.18
18.70	0.11	5,683	194.70	0.18
18.80	0.11	5,657	194.70	0.18
18.90	0.10	5,632	194.69	0.17
19.00	0.10	5,609	194.69	0.17
19.10	0.10	5,586	194.69	0.16
19.20	0.10	5,565	194.68	0.16
19.30	0.10	5,544	194.68	0.16
19.40	0.10	5,524	194.68	0.16
19.50	0.10	5,505	194.68	0.15
19.60	0.10	5,487	194.68	0.15
19.70	0.10	5,469	194.67	0.15
19.80	0.10	5,452	194.67	0.15
19.90	0.10	5,436	194.67	0.14
20.00	0.10	5,420	194.67	0.14
20.10	0.10	5,404	194.67	0.14
20.20	0.10	5,389	194.66	0.14
20.30	0.10	5,375	194.66	0.14
20.40	0.10	5,361	194.66	0.13
20.50	0.09	5,347	194.66	0.13
20.60	0.09	5,334	194.66	0.13
20.70	0.09	5,321	194.65	0.13

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	5,309	194.65	0.13
20.90	0.09	5,297	194.65	0.12
21.00	0.09	5,285	194.65	0.12
21.10	0.09	5,274	194.65	0.12
21.20	0.09	5,263	194.65	0.12
21.30	0.09	5,252	194.65	0.12
21.40	0.09	5,242	194.65	0.12
21.50	0.09	5,231	194.64	0.12
21.60	0.09	5,221	194.64	0.11
21.70	0.09	5,212	194.64	0.11
21.80	0.09	5,202	194.64	0.11
21.90	0.09	5,193	194.64	0.11
22.00	0.08	5,184	194.64	0.11
22.10	0.08	5,175	194.64	0.11
22.20	0.08	5,166	194.64	0.11
22.30	0.08	5,157	194.63	0.11
22.40	0.08	5,148	194.63	0.11
22.50	0.08	5,140	194.63	0.10
22.60	0.08	5,132	194.63	0.10
22.70	0.08	5,123	194.63	0.10
22.80	0.08	5,115	194.63	0.10
22.90	0.08	5,107	194.63	0.10
23.00	0.08	5,099	194.63	0.10
23.10	0.08	5,091	194.63	0.10
23.20	0.08	5,083	194.63	0.10
23.30	0.08	5,076	194.62	0.10
23.40	0.08	5,068	194.62	0.10
23.50	0.07	5,061	194.62	0.10
23.60	0.07	5,053	194.62	0.09
23.70	0.07	5,046	194.62	0.09
23.80	0.07	5,038	194.62	0.09
23.90	0.07	5,031	194.62	0.09
24.00	0.08	5,026	194.62	0.09
24.10	0.02	5,011	194.62	0.09
24.20	0.00	4,982	194.61	0.09
24.30	0.00	4,952	194.61	0.08
24.40	0.00	4,923	194.61	0.08
24.50	0.00	4,895	194.60	0.08
24.60	0.00	4,868	194.60	0.07
24.70	0.00	4,842	194.60	0.07
24.80	0.00	4,817	194.59	0.07
24.90	0.00	4,793	194.59	0.07
25.00	0.00	4,770	194.59	0.06
25.10	0.00	4,747	194.58	0.06
25.20	0.00	4,726	194.58	0.06
25.30	0.00	4,705	194.58	0.06
25.40	0.00	4,684	194.58	0.06
25.50	0.00	4,665	194.57	0.05
25.60	0.00	4,646	194.57	0.05
25.70	0.00	4,627	194.57	0.05
25.80	0.00	4,609	194.57	0.05
25.90	0.00	4,592	194.57	0.05

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,576	194.56	0.05
26.10	0.00	4,560	194.56	0.04
26.20	0.00	4,544	194.56	0.04
26.30	0.00	4,529	194.56	0.04
26.40	0.00	4,515	194.56	0.04
26.50	0.00	4,500	194.55	0.04
26.60	0.00	4,486	194.55	0.04
26.70	0.00	4,473	194.55	0.04
26.80	0.00	4,460	194.55	0.04
26.90	0.00	4,447	194.55	0.04
27.00	0.00	4,434	194.55	0.03
27.10	0.00	4,422	194.54	0.03
27.20	0.00	4,410	194.54	0.03
27.30	0.00	4,398	194.54	0.03
27.40	0.00	4,387	194.54	0.03
27.50	0.00	4,376	194.54	0.03
27.60	0.00	4,365	194.54	0.03
27.70	0.00	4,355	194.54	0.03
27.80	0.00	4,344	194.53	0.03
27.90	0.00	4,334	194.53	0.03
28.00	0.00	4,325	194.53	0.03
28.10	0.00	4,315	194.53	0.03
28.20	0.00	4,306	194.53	0.03
28.30	0.00	4,297	194.53	0.02
28.40	0.00	4,288	194.53	0.02
28.50	0.00	4,280	194.53	0.02
28.60	0.00	4,271	194.53	0.02
28.70	0.00	4,263	194.52	0.02
28.80	0.00	4,255	194.52	0.02
28.90	0.00	4,248	194.52	0.02
29.00	0.00	4,240	194.52	0.02
29.10	0.00	4,233	194.52	0.02
29.20	0.00	4,226	194.52	0.02
29.30	0.00	4,219	194.52	0.02
29.40	0.00	4,212	194.52	0.02
29.50	0.00	4,205	194.52	0.02
29.60	0.00	4,198	194.52	0.02
29.70	0.00	4,192	194.52	0.02
29.80	0.00	4,185	194.52	0.02
29.90	0.00	4,179	194.51	0.02
30.00	0.00	4,173	194.51	0.02
30.10	0.00	4,167	194.51	0.02
30.20	0.00	4,161	194.51	0.02
30.30	0.00	4,155	194.51	0.02
30.40	0.00	4,149	194.51	0.02
30.50	0.00	4,143	194.51	0.02
30.60	0.00	4,137	194.51	0.02
30.70	0.00	4,132	194.51	0.02
30.80	0.00	4,126	194.51	0.02
30.90	0.00	4,121	194.51	0.01
31.00	0.00	4,116	194.51	0.01
31.10	0.00	4,110	194.51	0.01

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,105	194.51	0.01
31.30	0.00	4,100	194.50	0.01
31.40	0.00	4,095	194.50	0.01
31.50	0.00	4,090	194.50	0.01
31.60	0.00	4,085	194.50	0.01
31.70	0.00	4,081	194.50	0.01
31.80	0.00	4,076	194.50	0.01
31.90	0.00	4,071	194.50	0.01
32.00	0.00	4,067	194.50	0.01
32.10	0.00	4,062	194.50	0.01
32.20	0.00	4,058	194.50	0.01
32.30	0.00	4,054	194.50	0.01
32.40	0.00	4,050	194.50	0.01
32.50	0.00	4,045	194.50	0.01
32.60	0.00	4,041	194.50	0.01
32.70	0.00	4,037	194.50	0.01
32.80	0.00	4,033	194.50	0.01
32.90	0.00	4,029	194.50	0.01
33.00	0.00	4,025	194.50	0.01
33.10	0.00	4,022	194.49	0.01
33.20	0.00	4,018	194.49	0.01
33.30	0.00	4,014	194.49	0.01
33.40	0.00	4,011	194.49	0.01
33.50	0.00	4,007	194.49	0.01
33.60	0.00	4,004	194.49	0.01
33.70	0.00	4,000	194.49	0.01
33.80	0.00	3,997	194.49	0.01
33.90	0.00	3,993	194.49	0.01
34.00	0.00	3,990	194.49	0.01
34.10	0.00	3,987	194.49	0.01
34.20	0.00	3,984	194.49	0.01
34.30	0.00	3,981	194.49	0.01
34.40	0.00	3,978	194.49	0.01
34.50	0.00	3,975	194.49	0.01
34.60	0.00	3,972	194.49	0.01
34.70	0.00	3,969	194.49	0.01
34.80	0.00	3,966	194.49	0.01
34.90	0.00	3,963	194.49	0.01
35.00	0.00	3,960	194.49	0.01
35.10	0.00	3,957	194.49	0.01
35.20	0.00	3,955	194.49	0.01
35.30	0.00	3,952	194.49	0.01
35.40	0.00	3,949	194.49	0.01
35.50	0.00	3,947	194.49	0.01
35.60	0.00	3,944	194.49	0.01
35.70	0.00	3,942	194.49	0.01
35.80	0.00	3,939	194.48	0.01
35.90	0.00	3,937	194.48	0.01
36.00	0.00	3,935	194.48	0.01
36.10	0.00	3,932	194.48	0.01
36.20	0.00	3,930	194.48	0.01
36.30	0.00	3,928	194.48	0.01

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,925	194.48	0.01
36.50	0.00	3,923	194.48	0.01
36.60	0.00	3,921	194.48	0.01
36.70	0.00	3,919	194.48	0.01
36.80	0.00	3,917	194.48	0.01
36.90	0.00	3,915	194.48	0.01
37.00	0.00	3,913	194.48	0.01
37.10	0.00	3,911	194.48	0.01
37.20	0.00	3,909	194.48	0.01
37.30	0.00	3,907	194.48	0.01
37.40	0.00	3,905	194.48	0.01
37.50	0.00	3,903	194.48	0.01
37.60	0.00	3,901	194.48	0.01
37.70	0.00	3,899	194.48	0.01
37.80	0.00	3,898	194.48	0.00
37.90	0.00	3,896	194.48	0.00
38.00	0.00	3,894	194.48	0.00
38.10	0.00	3,892	194.48	0.00
38.20	0.00	3,891	194.48	0.00
38.30	0.00	3,889	194.48	0.00
38.40	0.00	3,887	194.48	0.00
38.50	0.00	3,885	194.48	0.00
38.60	0.00	3,884	194.48	0.00
38.70	0.00	3,882	194.48	0.00
38.80	0.00	3,880	194.48	0.00
38.90	0.00	3,879	194.48	0.00
39.00	0.00	3,877	194.48	0.00
39.10	0.00	3,875	194.48	0.00
39.20	0.00	3,874	194.48	0.00
39.30	0.00	3,872	194.48	0.00
39.40	0.00	3,870	194.48	0.00
39.50	0.00	3,869	194.48	0.00
39.60	0.00	3,867	194.48	0.00
39.70	0.00	3,865	194.48	0.00
39.80	0.00	3,864	194.48	0.00
39.90	0.00	3,862	194.48	0.00
40.00	0.00	3,861	194.48	0.00

Stage-Discharge for Pond B-37A: Basin #37A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.02	195.04	0.56	195.56	1.61
194.01	0.00	194.53	0.02	195.05	0.57	195.57	1.65
194.02	0.00	194.54	0.03	195.06	0.58	195.58	1.69
194.03	0.00	194.55	0.04	195.07	0.58	195.59	1.73
194.04	0.00	194.56	0.04	195.08	0.59	195.60	1.77
194.05	0.00	194.57	0.05	195.09	0.60	195.61	1.81
194.06	0.00	194.58	0.06	195.10	0.61	195.62	1.85
194.07	0.00	194.59	0.07	195.11	0.61	195.63	1.89
194.08	0.00	194.60	0.07	195.12	0.62	195.64	1.94
194.09	0.00	194.61	0.08	195.13	0.63	195.65	1.98
194.10	0.00	194.62	0.09	195.14	0.63	195.66	2.02
194.11	0.00	194.63	0.10	195.15	0.64	195.67	2.07
194.12	0.00	194.64	0.11	195.16	0.65	195.68	2.11
194.13	0.00	194.65	0.12	195.17	0.66	195.69	2.16
194.14	0.00	194.66	0.13	195.18	0.66	195.70	2.20
194.15	0.00	194.67	0.14	195.19	0.67	195.71	2.25
194.16	0.00	194.68	0.16	195.20	0.68	195.72	2.29
194.17	0.00	194.69	0.17	195.21	0.68	195.73	2.34
194.18	0.00	194.70	0.18	195.22	0.69	195.74	2.39
194.19	0.00	194.71	0.19	195.23	0.69	195.75	2.43
194.20	0.00	194.72	0.20	195.24	0.70	195.76	2.47
194.21	0.00	194.73	0.22	195.25	0.71	195.77	2.51
194.22	0.00	194.74	0.23	195.26	0.73	195.78	2.55
194.23	0.00	194.75	0.24	195.27	0.74	195.79	2.58
194.24	0.00	194.76	0.26	195.28	0.76	195.80	2.62
194.25	0.00	194.77	0.27	195.29	0.78	195.81	2.65
194.26	0.00	194.78	0.28	195.30	0.80	195.82	2.69
194.27	0.00	194.79	0.30	195.31	0.82	195.83	2.72
194.28	0.00	194.80	0.31	195.32	0.84	195.84	2.75
194.29	0.00	194.81	0.32	195.33	0.86	195.85	2.78
194.30	0.00	194.82	0.34	195.34	0.89	195.86	2.81
194.31	0.00	194.83	0.35	195.35	0.91	195.87	2.85
194.32	0.00	194.84	0.36	195.36	0.94	195.88	2.88
194.33	0.00	194.85	0.38	195.37	0.97	195.89	2.91
194.34	0.00	194.86	0.39	195.38	1.00	195.90	2.93
194.35	0.00	194.87	0.40	195.39	1.02	195.91	2.96
194.36	0.00	194.88	0.41	195.40	1.05	195.92	2.99
194.37	0.00	194.89	0.43	195.41	1.08	195.93	3.02
194.38	0.00	194.90	0.44	195.42	1.11	195.94	3.05
194.39	0.00	194.91	0.45	195.43	1.15	195.95	3.08
194.40	0.00	194.92	0.46	195.44	1.18	195.96	3.10
194.41	0.00	194.93	0.47	195.45	1.21	195.97	3.13
194.42	0.00	194.94	0.47	195.46	1.24	195.98	3.16
194.43	0.00	194.95	0.48	195.47	1.28	195.99	3.18
194.44	0.00	194.96	0.49	195.48	1.31	196.00	3.21
194.45	0.00	194.97	0.50	195.49	1.35	196.01	3.23
194.46	0.00	194.98	0.51	195.50	1.38	196.02	3.26
194.47	0.00	194.99	0.52	195.51	1.42	196.03	3.29
194.48	0.01	195.00	0.53	195.52	1.46	196.04	3.31
194.49	0.01	195.01	0.53	195.53	1.49	196.05	3.34
194.50	0.01	195.02	0.54	195.54	1.53	196.06	3.36
194.51	0.02	195.03	0.55	195.55	1.57	196.07	3.38

Stage-Discharge for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	3.41	196.60	4.47	197.12	5.31	197.64	15.33
196.09	3.43	196.61	4.49	197.13	5.33	197.65	16.14
196.10	3.46	196.62	4.51	197.14	5.34	197.66	16.97
196.11	3.48	196.63	4.52	197.15	5.36	197.67	17.83
196.12	3.50	196.64	4.54	197.16	5.37	197.68	18.71
196.13	3.53	196.65	4.56	197.17	5.39	197.69	19.61
196.14	3.55	196.66	4.58	197.18	5.40	197.70	20.54
196.15	3.57	196.67	4.59	197.19	5.42	197.71	21.52
196.16	3.59	196.68	4.61	197.20	5.43	197.72	22.54
196.17	3.62	196.69	4.63	197.21	5.44	197.73	23.58
196.18	3.64	196.70	4.64	197.22	5.46	197.74	24.64
196.19	3.66	196.71	4.66	197.23	5.47	197.75	25.74
196.20	3.68	196.72	4.68	197.24	5.49	197.76	26.86
196.21	3.71	196.73	4.70	197.25	5.50	197.77	28.00
196.22	3.73	196.74	4.71	197.26	5.53	197.78	29.18
196.23	3.75	196.75	4.73	197.27	5.57	197.79	30.37
196.24	3.77	196.76	4.75	197.28	5.61	197.80	31.60
196.25	3.79	196.77	4.76	197.29	5.66	197.81	32.84
196.26	3.81	196.78	4.78	197.30	5.72	197.82	34.12
196.27	3.83	196.79	4.80	197.31	5.78	197.83	35.42
196.28	3.86	196.80	4.81	197.32	5.84	197.84	36.74
196.29	3.88	196.81	4.83	197.33	5.91	197.85	38.09
196.30	3.90	196.82	4.85	197.34	5.98	197.86	39.47
196.31	3.92	196.83	4.86	197.35	6.05	197.87	40.87
196.32	3.94	196.84	4.88	197.36	6.13	197.88	42.27
196.33	3.96	196.85	4.89	197.37	6.21	197.89	43.58
196.34	3.98	196.86	4.91	197.38	6.29	197.90	44.91
196.35	4.00	196.87	4.93	197.39	6.38	197.91	46.28
196.36	4.02	196.88	4.94	197.40	6.47	197.92	47.69
196.37	4.04	196.89	4.96	197.41	6.56	197.93	49.12
196.38	4.06	196.90	4.97	197.42	6.65	197.94	50.57
196.39	4.08	196.91	4.99	197.43	6.74	197.95	52.06
196.40	4.10	196.92	5.01	197.44	6.84	197.96	53.57
196.41	4.12	196.93	5.02	197.45	6.94	197.97	55.10
196.42	4.14	196.94	5.04	197.46	7.04	197.98	56.66
196.43	4.16	196.95	5.05	197.47	7.14	197.99	58.25
196.44	4.18	196.96	5.07	197.48	7.25	198.00	59.86
196.45	4.19	196.97	5.08	197.49	7.35		
196.46	4.21	196.98	5.10	197.50	7.46		
196.47	4.23	196.99	5.12	197.51	7.69		
196.48	4.25	197.00	5.13	197.52	8.02		
196.49	4.27	197.01	5.15	197.53	8.41		
196.50	4.29	197.02	5.16	197.54	8.85		
196.51	4.31	197.03	5.18	197.55	9.34		
196.52	4.33	197.04	5.19	197.56	9.88		
196.53	4.34	197.05	5.21	197.57	10.45		
196.54	4.36	197.06	5.22	197.58	11.05		
196.55	4.38	197.07	5.24	197.59	11.69		
196.56	4.40	197.08	5.25	197.60	12.36		
196.57	4.42	197.09	5.27	197.61	13.06		
196.58	4.43	197.10	5.28	197.62	13.79		
196.59	4.45	197.11	5.30	197.63	14.54		

Stage-Area-Storage for Pond B-37A: Basin #37A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	8,125	0	194.52	8,125	4,225
194.01	8,125	81	194.53	8,125	4,306
194.02	8,125	163	194.54	8,125	4,387
194.03	8,125	244	194.55	8,125	4,469
194.04	8,125	325	194.56	8,125	4,550
194.05	8,125	406	194.57	8,125	4,631
194.06	8,125	488	194.58	8,125	4,713
194.07	8,125	569	194.59	8,125	4,794
194.08	8,125	650	194.60	8,125	4,875
194.09	8,125	731	194.61	8,125	4,956
194.10	8,125	812	194.62	8,125	5,038
194.11	8,125	894	194.63	8,125	5,119
194.12	8,125	975	194.64	8,125	5,200
194.13	8,125	1,056	194.65	8,125	5,281
194.14	8,125	1,137	194.66	8,125	5,362
194.15	8,125	1,219	194.67	8,125	5,444
194.16	8,125	1,300	194.68	8,125	5,525
194.17	8,125	1,381	194.69	8,125	5,606
194.18	8,125	1,463	194.70	8,125	5,687
194.19	8,125	1,544	194.71	8,125	5,769
194.20	8,125	1,625	194.72	8,125	5,850
194.21	8,125	1,706	194.73	8,125	5,931
194.22	8,125	1,787	194.74	8,125	6,013
194.23	8,125	1,869	194.75	8,125	6,094
194.24	8,125	1,950	194.76	8,125	6,175
194.25	8,125	2,031	194.77	8,125	6,256
194.26	8,125	2,112	194.78	8,125	6,338
194.27	8,125	2,194	194.79	8,125	6,419
194.28	8,125	2,275	194.80	8,125	6,500
194.29	8,125	2,356	194.81	8,125	6,581
194.30	8,125	2,438	194.82	8,125	6,662
194.31	8,125	2,519	194.83	8,125	6,744
194.32	8,125	2,600	194.84	8,125	6,825
194.33	8,125	2,681	194.85	8,125	6,906
194.34	8,125	2,763	194.86	8,125	6,988
194.35	8,125	2,844	194.87	8,125	7,069
194.36	8,125	2,925	194.88	8,125	7,150
194.37	8,125	3,006	194.89	8,125	7,231
194.38	8,125	3,087	194.90	8,125	7,313
194.39	8,125	3,169	194.91	8,125	7,394
194.40	8,125	3,250	194.92	8,125	7,475
194.41	8,125	3,331	194.93	8,125	7,556
194.42	8,125	3,412	194.94	8,125	7,637
194.43	8,125	3,494	194.95	8,125	7,719
194.44	8,125	3,575	194.96	8,125	7,800
194.45	8,125	3,656	194.97	8,125	7,881
194.46	8,125	3,738	194.98	8,125	7,962
194.47	8,125	3,819	194.99	8,125	8,044
194.48	8,125	3,900	195.00	8,125	8,125
194.49	8,125	3,981	195.01	8,125	8,206
194.50	8,125	4,063	195.02	8,125	8,288
194.51	8,125	4,144	195.03	8,125	8,369

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	8,125	8,450	195.56	8,125	12,675
195.05	8,125	8,531	195.57	8,125	12,756
195.06	8,125	8,613	195.58	8,125	12,838
195.07	8,125	8,694	195.59	8,125	12,919
195.08	8,125	8,775	195.60	8,125	13,000
195.09	8,125	8,856	195.61	8,125	13,081
195.10	8,125	8,937	195.62	8,125	13,163
195.11	8,125	9,019	195.63	8,125	13,244
195.12	8,125	9,100	195.64	8,125	13,325
195.13	8,125	9,181	195.65	8,125	13,406
195.14	8,125	9,262	195.66	8,125	13,487
195.15	8,125	9,344	195.67	8,125	13,569
195.16	8,125	9,425	195.68	8,125	13,650
195.17	8,125	9,506	195.69	8,125	13,731
195.18	8,125	9,588	195.70	8,125	13,812
195.19	8,125	9,669	195.71	8,125	13,894
195.20	8,125	9,750	195.72	8,125	13,975
195.21	8,125	9,831	195.73	8,125	14,056
195.22	8,125	9,912	195.74	8,125	14,138
195.23	8,125	9,994	195.75	8,125	14,219
195.24	8,125	10,075	195.76	8,125	14,300
195.25	8,125	10,156	195.77	8,125	14,381
195.26	8,125	10,237	195.78	8,125	14,463
195.27	8,125	10,319	195.79	8,125	14,544
195.28	8,125	10,400	195.80	8,125	14,625
195.29	8,125	10,481	195.81	8,125	14,706
195.30	8,125	10,563	195.82	8,125	14,787
195.31	8,125	10,644	195.83	8,125	14,869
195.32	8,125	10,725	195.84	8,125	14,950
195.33	8,125	10,806	195.85	8,125	15,031
195.34	8,125	10,888	195.86	8,125	15,113
195.35	8,125	10,969	195.87	8,125	15,194
195.36	8,125	11,050	195.88	8,125	15,275
195.37	8,125	11,131	195.89	8,125	15,356
195.38	8,125	11,212	195.90	8,125	15,438
195.39	8,125	11,294	195.91	8,125	15,519
195.40	8,125	11,375	195.92	8,125	15,600
195.41	8,125	11,456	195.93	8,125	15,681
195.42	8,125	11,537	195.94	8,125	15,762
195.43	8,125	11,619	195.95	8,125	15,844
195.44	8,125	11,700	195.96	8,125	15,925
195.45	8,125	11,781	195.97	8,125	16,006
195.46	8,125	11,863	195.98	8,125	16,087
195.47	8,125	11,944	195.99	8,125	16,169
195.48	8,125	12,025	196.00	8,125	16,250
195.49	8,125	12,106	196.01	8,125	16,331
195.50	8,125	12,188	196.02	8,125	16,413
195.51	8,125	12,269	196.03	8,125	16,494
195.52	8,125	12,350	196.04	8,125	16,575
195.53	8,125	12,431	196.05	8,125	16,656
195.54	8,125	12,512	196.06	8,125	16,738
195.55	8,125	12,594	196.07	8,125	16,819

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	8,125	16,900	196.60	8,125	21,125
196.09	8,125	16,981	196.61	8,125	21,206
196.10	8,125	17,062	196.62	8,125	21,288
196.11	8,125	17,144	196.63	8,125	21,369
196.12	8,125	17,225	196.64	8,125	21,450
196.13	8,125	17,306	196.65	8,125	21,531
196.14	8,125	17,387	196.66	8,125	21,612
196.15	8,125	17,469	196.67	8,125	21,694
196.16	8,125	17,550	196.68	8,125	21,775
196.17	8,125	17,631	196.69	8,125	21,856
196.18	8,125	17,713	196.70	8,125	21,937
196.19	8,125	17,794	196.71	8,125	22,019
196.20	8,125	17,875	196.72	8,125	22,100
196.21	8,125	17,956	196.73	8,125	22,181
196.22	8,125	18,037	196.74	8,125	22,263
196.23	8,125	18,119	196.75	8,125	22,344
196.24	8,125	18,200	196.76	8,125	22,425
196.25	8,125	18,281	196.77	8,125	22,506
196.26	8,125	18,362	196.78	8,125	22,588
196.27	8,125	18,444	196.79	8,125	22,669
196.28	8,125	18,525	196.80	8,125	22,750
196.29	8,125	18,606	196.81	8,125	22,831
196.30	8,125	18,688	196.82	8,125	22,912
196.31	8,125	18,769	196.83	8,125	22,994
196.32	8,125	18,850	196.84	8,125	23,075
196.33	8,125	18,931	196.85	8,125	23,156
196.34	8,125	19,013	196.86	8,125	23,238
196.35	8,125	19,094	196.87	8,125	23,319
196.36	8,125	19,175	196.88	8,125	23,400
196.37	8,125	19,256	196.89	8,125	23,481
196.38	8,125	19,337	196.90	8,125	23,563
196.39	8,125	19,419	196.91	8,125	23,644
196.40	8,125	19,500	196.92	8,125	23,725
196.41	8,125	19,581	196.93	8,125	23,806
196.42	8,125	19,662	196.94	8,125	23,887
196.43	8,125	19,744	196.95	8,125	23,969
196.44	8,125	19,825	196.96	8,125	24,050
196.45	8,125	19,906	196.97	8,125	24,131
196.46	8,125	19,988	196.98	8,125	24,212
196.47	8,125	20,069	196.99	8,125	24,294
196.48	8,125	20,150	197.00	8,125	24,375
196.49	8,125	20,231	197.01	8,125	24,456
196.50	8,125	20,313	197.02	8,125	24,538
196.51	8,125	20,394	197.03	8,125	24,619
196.52	8,125	20,475	197.04	8,125	24,700
196.53	8,125	20,556	197.05	8,125	24,781
196.54	8,125	20,637	197.06	8,125	24,863
196.55	8,125	20,719	197.07	8,125	24,944
196.56	8,125	20,800	197.08	8,125	25,025
196.57	8,125	20,881	197.09	8,125	25,106
196.58	8,125	20,963	197.10	8,125	25,187
196.59	8,125	21,044	197.11	8,125	25,269

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	8,125	25,350	197.64	8,125	29,575
197.13	8,125	25,431	197.65	8,125	29,656
197.14	8,125	25,512	197.66	8,125	29,737
197.15	8,125	25,594	197.67	8,125	29,819
197.16	8,125	25,675	197.68	8,125	29,900
197.17	8,125	25,756	197.69	8,125	29,981
197.18	8,125	25,838	197.70	8,125	30,062
197.19	8,125	25,919	197.71	8,125	30,144
197.20	8,125	26,000	197.72	8,125	30,225
197.21	8,125	26,081	197.73	8,125	30,306
197.22	8,125	26,162	197.74	8,125	30,388
197.23	8,125	26,244	197.75	8,125	30,469
197.24	8,125	26,325	197.76	8,125	30,550
197.25	8,125	26,406	197.77	8,125	30,631
197.26	8,125	26,487	197.78	8,125	30,713
197.27	8,125	26,569	197.79	8,125	30,794
197.28	8,125	26,650	197.80	8,125	30,875
197.29	8,125	26,731	197.81	8,125	30,956
197.30	8,125	26,813	197.82	8,125	31,037
197.31	8,125	26,894	197.83	8,125	31,119
197.32	8,125	26,975	197.84	8,125	31,200
197.33	8,125	27,056	197.85	8,125	31,281
197.34	8,125	27,138	197.86	8,125	31,363
197.35	8,125	27,219	197.87	8,125	31,444
197.36	8,125	27,300	197.88	8,125	31,525
197.37	8,125	27,381	197.89	8,125	31,606
197.38	8,125	27,462	197.90	8,125	31,688
197.39	8,125	27,544	197.91	8,125	31,769
197.40	8,125	27,625	197.92	8,125	31,850
197.41	8,125	27,706	197.93	8,125	31,931
197.42	8,125	27,787	197.94	8,125	32,012
197.43	8,125	27,869	197.95	8,125	32,094
197.44	8,125	27,950	197.96	8,125	32,175
197.45	8,125	28,031	197.97	8,125	32,256
197.46	8,125	28,113	197.98	8,125	32,337
197.47	8,125	28,194	197.99	8,125	32,419
197.48	8,125	28,275	198.00	8,125	32,500
197.49	8,125	28,356			
197.50	8,125	28,438			
197.51	8,125	28,519			
197.52	8,125	28,600			
197.53	8,125	28,681			
197.54	8,125	28,762			
197.55	8,125	28,844			
197.56	8,125	28,925			
197.57	8,125	29,006			
197.58	8,125	29,088			
197.59	8,125	29,169			
197.60	8,125	29,250			
197.61	8,125	29,331			
197.62	8,125	29,413			
197.63	8,125	29,494			

Summary for Pond B-37B: Basin #37B

Inflow Area = 2.179 ac, 53.42% Impervious, Inflow Depth = 2.62" for Future 2 yr event
 Inflow = 6.12 cfs @ 12.09 hrs, Volume= 0.476 af
 Outflow = 0.15 cfs @ 17.13 hrs, Volume= 0.280 af, Atten= 98%, Lag= 302.8 min
 Primary = 0.15 cfs @ 17.13 hrs, Volume= 0.280 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.27' @ 17.13 hrs Surf.Area= 12,372 sf Storage= 15,690 cf

Plug-Flow detention time= 819.7 min calculated for 0.279 af (59% of inflow)
 Center-of-Mass det. time= 702.8 min (1,482.4 - 779.6)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	49,488 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	12,372	0	0
195.00	12,372	12,372	12,372
196.00	12,372	12,372	24,744
197.00	12,372	12,372	37,116
198.00	12,372	12,372	49,488

Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.38'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.27'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	197.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	197.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.15 cfs @ 17.13 hrs HW=195.27' (Free Discharge)

1=Culvert (Passes 0.15 cfs of 8.79 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.26 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir

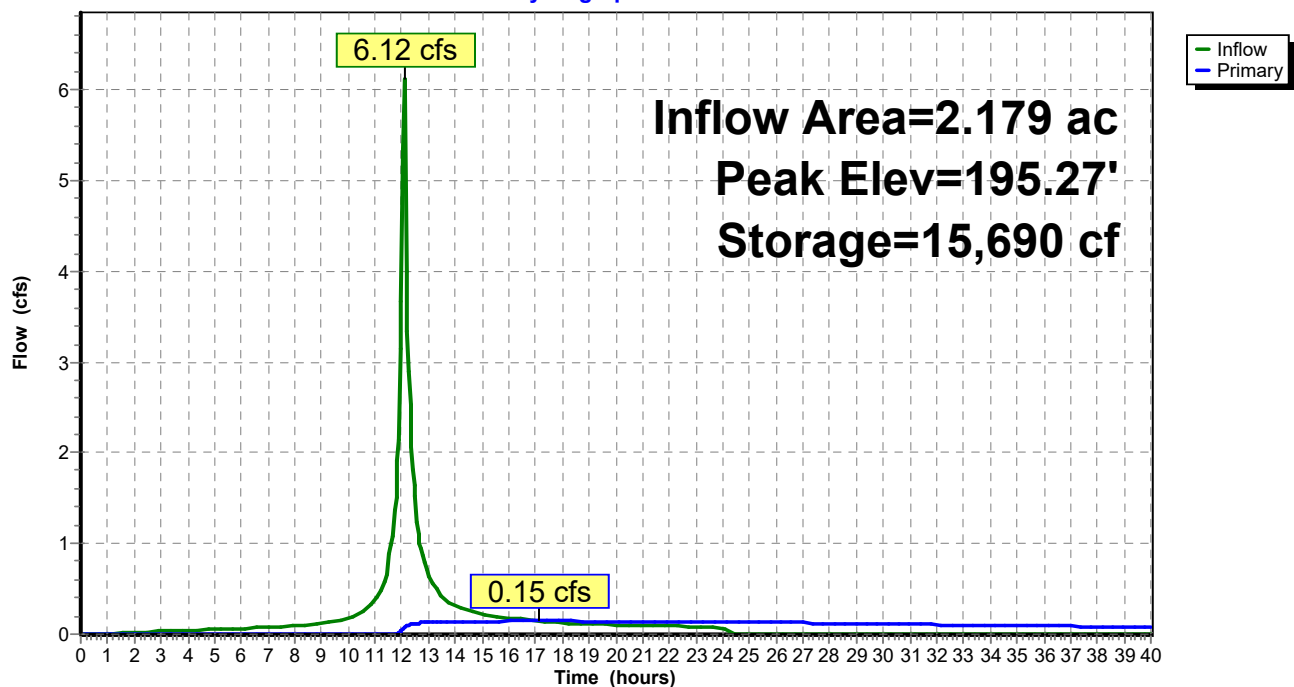
Pond B-37B: Basin #37B

Orifice/Grate

Culvert

Pond B-37B: Basin #37B

Hydrograph



Hydrograph for Pond B-37B: Basin #37B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.00	0	194.00	0.00
0.90	0.00	0	194.00	0.00
1.00	0.00	0	194.00	0.00
1.10	0.00	0	194.00	0.00
1.20	0.00	1	194.00	0.00
1.30	0.01	3	194.00	0.00
1.40	0.01	6	194.00	0.00
1.50	0.01	9	194.00	0.00
1.60	0.01	13	194.00	0.00
1.70	0.01	17	194.00	0.00
1.80	0.01	22	194.00	0.00
1.90	0.02	28	194.00	0.00
2.00	0.02	34	194.00	0.00
2.10	0.02	40	194.00	0.00
2.20	0.02	48	194.00	0.00
2.30	0.02	55	194.00	0.00
2.40	0.02	64	194.01	0.00
2.50	0.02	72	194.01	0.00
2.60	0.03	82	194.01	0.00
2.70	0.03	91	194.01	0.00
2.80	0.03	102	194.01	0.00
2.90	0.03	112	194.01	0.00
3.00	0.03	123	194.01	0.00
3.10	0.03	135	194.01	0.00
3.20	0.03	147	194.01	0.00
3.30	0.03	159	194.01	0.00
3.40	0.04	172	194.01	0.00
3.50	0.04	185	194.01	0.00
3.60	0.04	198	194.02	0.00
3.70	0.04	212	194.02	0.00
3.80	0.04	227	194.02	0.00
3.90	0.04	241	194.02	0.00
4.00	0.04	256	194.02	0.00
4.10	0.04	271	194.02	0.00
4.20	0.04	287	194.02	0.00
4.30	0.05	303	194.02	0.00
4.40	0.05	320	194.03	0.00
4.50	0.05	336	194.03	0.00
4.60	0.05	353	194.03	0.00
4.70	0.05	370	194.03	0.00
4.80	0.05	388	194.03	0.00
4.90	0.05	406	194.03	0.00
5.00	0.05	424	194.03	0.00
5.10	0.05	443	194.04	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	462	194.04	0.00
5.30	0.05	481	194.04	0.00
5.40	0.05	500	194.04	0.00
5.50	0.06	520	194.04	0.00
5.60	0.06	540	194.04	0.00
5.70	0.06	560	194.05	0.00
5.80	0.06	580	194.05	0.00
5.90	0.06	601	194.05	0.00
6.00	0.06	622	194.05	0.00
6.10	0.06	644	194.05	0.00
6.20	0.06	666	194.05	0.00
6.30	0.06	689	194.06	0.00
6.40	0.07	713	194.06	0.00
6.50	0.07	737	194.06	0.00
6.60	0.07	762	194.06	0.00
6.70	0.07	787	194.06	0.00
6.80	0.07	814	194.07	0.00
6.90	0.08	841	194.07	0.00
7.00	0.08	868	194.07	0.00
7.10	0.08	897	194.07	0.00
7.20	0.08	926	194.07	0.00
7.30	0.08	955	194.08	0.00
7.40	0.09	986	194.08	0.00
7.50	0.09	1,017	194.08	0.00
7.60	0.09	1,049	194.08	0.00
7.70	0.09	1,081	194.09	0.00
7.80	0.09	1,114	194.09	0.00
7.90	0.10	1,148	194.09	0.00
8.00	0.10	1,183	194.10	0.00
8.10	0.10	1,218	194.10	0.00
8.20	0.10	1,254	194.10	0.00
8.30	0.10	1,291	194.10	0.00
8.40	0.10	1,329	194.11	0.00
8.50	0.11	1,367	194.11	0.00
8.60	0.11	1,406	194.11	0.00
8.70	0.11	1,445	194.12	0.00
8.80	0.11	1,485	194.12	0.00
8.90	0.11	1,526	194.12	0.00
9.00	0.12	1,568	194.13	0.00
9.10	0.12	1,611	194.13	0.00
9.20	0.13	1,657	194.13	0.00
9.30	0.14	1,705	194.14	0.00
9.40	0.14	1,756	194.14	0.00
9.50	0.15	1,809	194.15	0.00
9.60	0.16	1,864	194.15	0.00
9.70	0.16	1,922	194.16	0.00
9.80	0.17	1,982	194.16	0.00
9.90	0.18	2,045	194.17	0.00
10.00	0.18	2,110	194.17	0.00
10.10	0.19	2,178	194.18	0.00
10.20	0.20	2,248	194.18	0.00
10.30	0.21	2,321	194.19	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.21	2,397	194.19	0.00
10.50	0.22	2,476	194.20	0.00
10.60	0.25	2,563	194.21	0.00
10.70	0.28	2,659	194.21	0.00
10.80	0.31	2,766	194.22	0.00
10.90	0.34	2,884	194.23	0.00
11.00	0.37	3,013	194.24	0.00
11.10	0.42	3,158	194.26	0.00
11.20	0.48	3,323	194.27	0.00
11.30	0.54	3,508	194.28	0.00
11.40	0.60	3,716	194.30	0.00
11.50	0.66	3,944	194.32	0.00
11.60	0.99	4,254	194.34	0.00
11.70	1.10	4,631	194.37	0.00
11.80	1.51	5,112	194.41	0.00
11.90	2.13	5,781	194.47	0.01
12.00	3.66	6,858	194.55	0.04
12.10	6.03	8,671	194.70	0.08
12.20	3.34	10,202	194.82	0.10
12.30	2.54	11,215	194.91	0.11
12.40	1.80	11,936	194.96	0.11
12.50	1.52	12,488	195.01	0.12
12.60	1.09	12,901	195.04	0.12
12.70	0.94	13,219	195.07	0.13
12.80	0.82	13,487	195.09	0.13
12.90	0.74	13,720	195.11	0.13
13.00	0.66	13,923	195.13	0.13
13.10	0.59	14,098	195.14	0.13
13.20	0.54	14,252	195.15	0.13
13.30	0.50	14,389	195.16	0.14
13.40	0.46	14,510	195.17	0.14
13.50	0.42	14,617	195.18	0.14
13.60	0.38	14,709	195.19	0.14
13.70	0.36	14,791	195.20	0.14
13.80	0.34	14,866	195.20	0.14
13.90	0.33	14,937	195.21	0.14
14.00	0.32	15,003	195.21	0.14
14.10	0.31	15,066	195.22	0.14
14.20	0.30	15,125	195.22	0.14
14.30	0.29	15,179	195.23	0.14
14.40	0.28	15,230	195.23	0.14
14.50	0.27	15,277	195.23	0.14
14.60	0.26	15,321	195.24	0.14
14.70	0.25	15,360	195.24	0.14
14.80	0.24	15,396	195.24	0.14
14.90	0.23	15,427	195.25	0.14
15.00	0.22	15,455	195.25	0.14
15.10	0.21	15,479	195.25	0.14
15.20	0.20	15,500	195.25	0.14
15.30	0.20	15,520	195.25	0.14
15.40	0.19	15,538	195.26	0.14
15.50	0.19	15,555	195.26	0.14

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	15,571	195.26	0.14
15.70	0.18	15,586	195.26	0.14
15.80	0.18	15,600	195.26	0.14
15.90	0.18	15,613	195.26	0.14
16.00	0.18	15,625	195.26	0.14
16.10	0.17	15,636	195.26	0.14
16.20	0.17	15,646	195.26	0.15
16.30	0.17	15,655	195.27	0.15
16.40	0.17	15,663	195.27	0.15
16.50	0.16	15,670	195.27	0.15
16.60	0.16	15,676	195.27	0.15
16.70	0.16	15,681	195.27	0.15
16.80	0.15	15,684	195.27	0.15
16.90	0.15	15,687	195.27	0.15
17.00	0.15	15,689	195.27	0.15
17.10	0.15	15,690	195.27	0.15
17.20	0.14	15,690	195.27	0.15
17.30	0.14	15,688	195.27	0.15
17.40	0.14	15,686	195.27	0.15
17.50	0.14	15,683	195.27	0.15
17.60	0.13	15,679	195.27	0.15
17.70	0.13	15,673	195.27	0.15
17.80	0.13	15,667	195.27	0.15
17.90	0.12	15,660	195.27	0.15
18.00	0.12	15,652	195.27	0.15
18.10	0.12	15,643	195.26	0.14
18.20	0.12	15,633	195.26	0.14
18.30	0.12	15,622	195.26	0.14
18.40	0.11	15,612	195.26	0.14
18.50	0.11	15,601	195.26	0.14
18.60	0.11	15,590	195.26	0.14
18.70	0.11	15,578	195.26	0.14
18.80	0.11	15,567	195.26	0.14
18.90	0.11	15,555	195.26	0.14
19.00	0.11	15,543	195.26	0.14
19.10	0.11	15,531	195.26	0.14
19.20	0.11	15,519	195.25	0.14
19.30	0.11	15,506	195.25	0.14
19.40	0.11	15,493	195.25	0.14
19.50	0.11	15,480	195.25	0.14
19.60	0.11	15,467	195.25	0.14
19.70	0.11	15,453	195.25	0.14
19.80	0.11	15,440	195.25	0.14
19.90	0.10	15,426	195.25	0.14
20.00	0.10	15,412	195.25	0.14
20.10	0.10	15,398	195.24	0.14
20.20	0.10	15,383	195.24	0.14
20.30	0.10	15,368	195.24	0.14
20.40	0.10	15,353	195.24	0.14
20.50	0.10	15,338	195.24	0.14
20.60	0.10	15,323	195.24	0.14
20.70	0.10	15,308	195.24	0.14

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	15,292	195.24	0.14
20.90	0.10	15,276	195.23	0.14
21.00	0.10	15,260	195.23	0.14
21.10	0.10	15,243	195.23	0.14
21.20	0.10	15,227	195.23	0.14
21.30	0.10	15,210	195.23	0.14
21.40	0.09	15,193	195.23	0.14
21.50	0.09	15,176	195.23	0.14
21.60	0.09	15,158	195.23	0.14
21.70	0.09	15,140	195.22	0.14
21.80	0.09	15,123	195.22	0.14
21.90	0.09	15,105	195.22	0.14
22.00	0.09	15,086	195.22	0.14
22.10	0.09	15,068	195.22	0.14
22.20	0.09	15,049	195.22	0.14
22.30	0.09	15,031	195.21	0.14
22.40	0.09	15,012	195.21	0.14
22.50	0.09	14,992	195.21	0.14
22.60	0.09	14,973	195.21	0.14
22.70	0.08	14,953	195.21	0.14
22.80	0.08	14,933	195.21	0.14
22.90	0.08	14,913	195.21	0.14
23.00	0.08	14,893	195.20	0.14
23.10	0.08	14,873	195.20	0.14
23.20	0.08	14,852	195.20	0.14
23.30	0.08	14,831	195.20	0.14
23.40	0.08	14,810	195.20	0.14
23.50	0.08	14,789	195.20	0.14
23.60	0.08	14,767	195.19	0.14
23.70	0.08	14,746	195.19	0.14
23.80	0.08	14,724	195.19	0.14
23.90	0.08	14,702	195.19	0.14
24.00	0.09	14,682	195.19	0.14
24.10	0.03	14,651	195.18	0.14
24.20	0.01	14,610	195.18	0.14
24.30	0.00	14,564	195.18	0.14
24.40	0.00	14,516	195.17	0.14
24.50	0.00	14,467	195.17	0.14
24.60	0.00	14,418	195.17	0.14
24.70	0.00	14,370	195.16	0.14
24.80	0.00	14,321	195.16	0.13
24.90	0.00	14,273	195.15	0.13
25.00	0.00	14,225	195.15	0.13
25.10	0.00	14,176	195.15	0.13
25.20	0.00	14,128	195.14	0.13
25.30	0.00	14,081	195.14	0.13
25.40	0.00	14,033	195.13	0.13
25.50	0.00	13,985	195.13	0.13
25.60	0.00	13,938	195.13	0.13
25.70	0.00	13,891	195.12	0.13
25.80	0.00	13,843	195.12	0.13
25.90	0.00	13,796	195.12	0.13

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,750	195.11	0.13
26.10	0.00	13,703	195.11	0.13
26.20	0.00	13,656	195.10	0.13
26.30	0.00	13,610	195.10	0.13
26.40	0.00	13,564	195.10	0.13
26.50	0.00	13,517	195.09	0.13
26.60	0.00	13,471	195.09	0.13
26.70	0.00	13,426	195.09	0.13
26.80	0.00	13,380	195.08	0.13
26.90	0.00	13,334	195.08	0.13
27.00	0.00	13,289	195.07	0.13
27.10	0.00	13,243	195.07	0.13
27.20	0.00	13,198	195.07	0.13
27.30	0.00	13,153	195.06	0.12
27.40	0.00	13,108	195.06	0.12
27.50	0.00	13,064	195.06	0.12
27.60	0.00	13,019	195.05	0.12
27.70	0.00	12,975	195.05	0.12
27.80	0.00	12,930	195.05	0.12
27.90	0.00	12,886	195.04	0.12
28.00	0.00	12,842	195.04	0.12
28.10	0.00	12,798	195.03	0.12
28.20	0.00	12,754	195.03	0.12
28.30	0.00	12,711	195.03	0.12
28.40	0.00	12,667	195.02	0.12
28.50	0.00	12,624	195.02	0.12
28.60	0.00	12,581	195.02	0.12
28.70	0.00	12,538	195.01	0.12
28.80	0.00	12,495	195.01	0.12
28.90	0.00	12,452	195.01	0.12
29.00	0.00	12,409	195.00	0.12
29.10	0.00	12,367	195.00	0.12
29.20	0.00	12,325	195.00	0.12
29.30	0.00	12,282	194.99	0.12
29.40	0.00	12,240	194.99	0.12
29.50	0.00	12,198	194.99	0.12
29.60	0.00	12,157	194.98	0.12
29.70	0.00	12,115	194.98	0.12
29.80	0.00	12,073	194.98	0.12
29.90	0.00	12,032	194.97	0.11
30.00	0.00	11,991	194.97	0.11
30.10	0.00	11,950	194.97	0.11
30.20	0.00	11,909	194.96	0.11
30.30	0.00	11,868	194.96	0.11
30.40	0.00	11,827	194.96	0.11
30.50	0.00	11,787	194.95	0.11
30.60	0.00	11,747	194.95	0.11
30.70	0.00	11,706	194.95	0.11
30.80	0.00	11,666	194.94	0.11
30.90	0.00	11,626	194.94	0.11
31.00	0.00	11,586	194.94	0.11
31.10	0.00	11,547	194.93	0.11

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,507	194.93	0.11
31.30	0.00	11,468	194.93	0.11
31.40	0.00	11,429	194.92	0.11
31.50	0.00	11,390	194.92	0.11
31.60	0.00	11,351	194.92	0.11
31.70	0.00	11,312	194.91	0.11
31.80	0.00	11,273	194.91	0.11
31.90	0.00	11,235	194.91	0.11
32.00	0.00	11,196	194.90	0.11
32.10	0.00	11,158	194.90	0.11
32.20	0.00	11,120	194.90	0.11
32.30	0.00	11,082	194.90	0.11
32.40	0.00	11,044	194.89	0.10
32.50	0.00	11,006	194.89	0.10
32.60	0.00	10,969	194.89	0.10
32.70	0.00	10,931	194.88	0.10
32.80	0.00	10,894	194.88	0.10
32.90	0.00	10,857	194.88	0.10
33.00	0.00	10,820	194.87	0.10
33.10	0.00	10,783	194.87	0.10
33.20	0.00	10,746	194.87	0.10
33.30	0.00	10,710	194.87	0.10
33.40	0.00	10,673	194.86	0.10
33.50	0.00	10,637	194.86	0.10
33.60	0.00	10,601	194.86	0.10
33.70	0.00	10,565	194.85	0.10
33.80	0.00	10,529	194.85	0.10
33.90	0.00	10,494	194.85	0.10
34.00	0.00	10,458	194.85	0.10
34.10	0.00	10,423	194.84	0.10
34.20	0.00	10,387	194.84	0.10
34.30	0.00	10,352	194.84	0.10
34.40	0.00	10,317	194.83	0.10
34.50	0.00	10,282	194.83	0.10
34.60	0.00	10,247	194.83	0.10
34.70	0.00	10,213	194.83	0.10
34.80	0.00	10,178	194.82	0.10
34.90	0.00	10,144	194.82	0.10
35.00	0.00	10,110	194.82	0.09
35.10	0.00	10,076	194.81	0.09
35.20	0.00	10,042	194.81	0.09
35.30	0.00	10,008	194.81	0.09
35.40	0.00	9,975	194.81	0.09
35.50	0.00	9,941	194.80	0.09
35.60	0.00	9,908	194.80	0.09
35.70	0.00	9,875	194.80	0.09
35.80	0.00	9,842	194.80	0.09
35.90	0.00	9,809	194.79	0.09
36.00	0.00	9,776	194.79	0.09
36.10	0.00	9,744	194.79	0.09
36.20	0.00	9,711	194.78	0.09
36.30	0.00	9,679	194.78	0.09

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,647	194.78	0.09
36.50	0.00	9,615	194.78	0.09
36.60	0.00	9,583	194.77	0.09
36.70	0.00	9,551	194.77	0.09
36.80	0.00	9,519	194.77	0.09
36.90	0.00	9,488	194.77	0.09
37.00	0.00	9,457	194.76	0.09
37.10	0.00	9,425	194.76	0.09
37.20	0.00	9,394	194.76	0.09
37.30	0.00	9,363	194.76	0.09
37.40	0.00	9,333	194.75	0.09
37.50	0.00	9,302	194.75	0.08
37.60	0.00	9,271	194.75	0.08
37.70	0.00	9,241	194.75	0.08
37.80	0.00	9,211	194.74	0.08
37.90	0.00	9,181	194.74	0.08
38.00	0.00	9,151	194.74	0.08
38.10	0.00	9,121	194.74	0.08
38.20	0.00	9,092	194.73	0.08
38.30	0.00	9,062	194.73	0.08
38.40	0.00	9,033	194.73	0.08
38.50	0.00	9,003	194.73	0.08
38.60	0.00	8,974	194.73	0.08
38.70	0.00	8,945	194.72	0.08
38.80	0.00	8,917	194.72	0.08
38.90	0.00	8,888	194.72	0.08
39.00	0.00	8,859	194.72	0.08
39.10	0.00	8,831	194.71	0.08
39.20	0.00	8,803	194.71	0.08
39.30	0.00	8,775	194.71	0.08
39.40	0.00	8,747	194.71	0.08
39.50	0.00	8,719	194.70	0.08
39.60	0.00	8,691	194.70	0.08
39.70	0.00	8,664	194.70	0.08
39.80	0.00	8,637	194.70	0.08
39.90	0.00	8,609	194.70	0.08
40.00	0.00	8,582	194.69	0.08

Stage-Discharge for Pond B-37B: Basin #37B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.03	195.04	0.12	195.56	0.67
194.01	0.00	194.53	0.03	195.05	0.12	195.57	0.70
194.02	0.00	194.54	0.04	195.06	0.12	195.58	0.73
194.03	0.00	194.55	0.04	195.07	0.13	195.59	0.75
194.04	0.00	194.56	0.05	195.08	0.13	195.60	0.78
194.05	0.00	194.57	0.05	195.09	0.13	195.61	0.81
194.06	0.00	194.58	0.05	195.10	0.13	195.62	0.84
194.07	0.00	194.59	0.05	195.11	0.13	195.63	0.87
194.08	0.00	194.60	0.06	195.12	0.13	195.64	0.90
194.09	0.00	194.61	0.06	195.13	0.13	195.65	0.93
194.10	0.00	194.62	0.06	195.14	0.13	195.66	0.96
194.11	0.00	194.63	0.06	195.15	0.13	195.67	0.99
194.12	0.00	194.64	0.06	195.16	0.13	195.68	1.02
194.13	0.00	194.65	0.07	195.17	0.14	195.69	1.05
194.14	0.00	194.66	0.07	195.18	0.14	195.70	1.09
194.15	0.00	194.67	0.07	195.19	0.14	195.71	1.12
194.16	0.00	194.68	0.07	195.20	0.14	195.72	1.15
194.17	0.00	194.69	0.07	195.21	0.14	195.73	1.18
194.18	0.00	194.70	0.08	195.22	0.14	195.74	1.22
194.19	0.00	194.71	0.08	195.23	0.14	195.75	1.25
194.20	0.00	194.72	0.08	195.24	0.14	195.76	1.29
194.21	0.00	194.73	0.08	195.25	0.14	195.77	1.32
194.22	0.00	194.74	0.08	195.26	0.14	195.78	1.35
194.23	0.00	194.75	0.08	195.27	0.15	195.79	1.38
194.24	0.00	194.76	0.09	195.28	0.15	195.80	1.41
194.25	0.00	194.77	0.09	195.29	0.16	195.81	1.44
194.26	0.00	194.78	0.09	195.30	0.16	195.82	1.46
194.27	0.00	194.79	0.09	195.31	0.17	195.83	1.49
194.28	0.00	194.80	0.09	195.32	0.19	195.84	1.51
194.29	0.00	194.81	0.09	195.33	0.20	195.85	1.54
194.30	0.00	194.82	0.10	195.34	0.21	195.86	1.56
194.31	0.00	194.83	0.10	195.35	0.23	195.87	1.58
194.32	0.00	194.84	0.10	195.36	0.24	195.88	1.61
194.33	0.00	194.85	0.10	195.37	0.26	195.89	1.63
194.34	0.00	194.86	0.10	195.38	0.27	195.90	1.65
194.35	0.00	194.87	0.10	195.39	0.29	195.91	1.67
194.36	0.00	194.88	0.10	195.40	0.31	195.92	1.69
194.37	0.00	194.89	0.10	195.41	0.33	195.93	1.71
194.38	0.00	194.90	0.11	195.42	0.35	195.94	1.73
194.39	0.00	194.91	0.11	195.43	0.37	195.95	1.75
194.40	0.00	194.92	0.11	195.44	0.39	195.96	1.77
194.41	0.00	194.93	0.11	195.45	0.41	195.97	1.79
194.42	0.00	194.94	0.11	195.46	0.43	195.98	1.81
194.43	0.00	194.95	0.11	195.47	0.45	195.99	1.83
194.44	0.01	194.96	0.11	195.48	0.47	196.00	1.85
194.45	0.01	194.97	0.11	195.49	0.50	196.01	1.87
194.46	0.01	194.98	0.12	195.50	0.52	196.02	1.89
194.47	0.01	194.99	0.12	195.51	0.54	196.03	1.91
194.48	0.02	195.00	0.12	195.52	0.57	196.04	1.92
194.49	0.02	195.01	0.12	195.53	0.59	196.05	1.94
194.50	0.02	195.02	0.12	195.54	0.62	196.06	1.96
194.51	0.03	195.03	0.12	195.55	0.65	196.07	1.98

Stage-Discharge for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	1.99	196.60	2.74	197.12	3.31	197.64	13.09
196.09	2.01	196.61	2.75	197.13	3.32	197.65	13.89
196.10	2.03	196.62	2.76	197.14	3.33	197.66	14.72
196.11	2.04	196.63	2.77	197.15	3.34	197.67	15.57
196.12	2.06	196.64	2.78	197.16	3.35	197.68	16.45
196.13	2.08	196.65	2.80	197.17	3.36	197.69	17.35
196.14	2.09	196.66	2.81	197.18	3.37	197.70	18.27
196.15	2.11	196.67	2.82	197.19	3.38	197.71	19.25
196.16	2.13	196.68	2.83	197.20	3.39	197.72	20.26
196.17	2.14	196.69	2.84	197.21	3.40	197.73	21.30
196.18	2.16	196.70	2.85	197.22	3.41	197.74	22.36
196.19	2.17	196.71	2.87	197.23	3.42	197.75	23.45
196.20	2.19	196.72	2.88	197.24	3.43	197.76	24.57
196.21	2.20	196.73	2.89	197.25	3.44	197.77	25.71
196.22	2.22	196.74	2.90	197.26	3.46	197.78	26.88
196.23	2.23	196.75	2.91	197.27	3.49	197.79	28.07
196.24	2.25	196.76	2.92	197.28	3.53	197.80	29.29
196.25	2.26	196.77	2.94	197.29	3.58	197.81	30.53
196.26	2.28	196.78	2.95	197.30	3.63	197.82	31.80
196.27	2.29	196.79	2.96	197.31	3.69	197.83	33.10
196.28	2.31	196.80	2.97	197.32	3.75	197.84	34.42
196.29	2.32	196.81	2.98	197.33	3.81	197.85	35.77
196.30	2.34	196.82	2.99	197.34	3.87	197.86	37.14
196.31	2.35	196.83	3.00	197.35	3.94	197.87	38.54
196.32	2.37	196.84	3.01	197.36	4.02	197.88	39.96
196.33	2.38	196.85	3.02	197.37	4.09	197.89	41.41
196.34	2.40	196.86	3.04	197.38	4.17	197.90	42.88
196.35	2.41	196.87	3.05	197.39	4.25	197.91	44.40
196.36	2.42	196.88	3.06	197.40	4.33	197.92	45.95
196.37	2.44	196.89	3.07	197.41	4.42	197.93	47.53
196.38	2.45	196.90	3.08	197.42	4.51	197.94	49.14
196.39	2.46	196.91	3.09	197.43	4.60	197.95	50.77
196.40	2.48	196.92	3.10	197.44	4.69	197.96	52.43
196.41	2.49	196.93	3.11	197.45	4.78	197.97	54.12
196.42	2.50	196.94	3.12	197.46	4.88	197.98	55.83
196.43	2.52	196.95	3.13	197.47	4.98	197.99	57.57
196.44	2.53	196.96	3.14	197.48	5.08	198.00	59.34
196.45	2.54	196.97	3.15	197.49	5.18		
196.46	2.56	196.98	3.16	197.50	5.28		
196.47	2.57	196.99	3.18	197.51	5.51		
196.48	2.58	197.00	3.19	197.52	5.83		
196.49	2.60	197.01	3.20	197.53	6.22		
196.50	2.61	197.02	3.21	197.54	6.66		
196.51	2.62	197.03	3.22	197.55	7.14		
196.52	2.64	197.04	3.23	197.56	7.67		
196.53	2.65	197.05	3.24	197.57	8.24		
196.54	2.66	197.06	3.25	197.58	8.84		
196.55	2.67	197.07	3.26	197.59	9.47		
196.56	2.69	197.08	3.27	197.60	10.14		
196.57	2.70	197.09	3.28	197.61	10.83		
196.58	2.71	197.10	3.29	197.62	11.56		
196.59	2.72	197.11	3.30	197.63	12.31		

Stage-Area-Storage for Pond B-37B: Basin #37B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	12,372	0	194.52	12,372	6,433
194.01	12,372	124	194.53	12,372	6,557
194.02	12,372	247	194.54	12,372	6,681
194.03	12,372	371	194.55	12,372	6,805
194.04	12,372	495	194.56	12,372	6,928
194.05	12,372	619	194.57	12,372	7,052
194.06	12,372	742	194.58	12,372	7,176
194.07	12,372	866	194.59	12,372	7,299
194.08	12,372	990	194.60	12,372	7,423
194.09	12,372	1,113	194.61	12,372	7,547
194.10	12,372	1,237	194.62	12,372	7,671
194.11	12,372	1,361	194.63	12,372	7,794
194.12	12,372	1,485	194.64	12,372	7,918
194.13	12,372	1,608	194.65	12,372	8,042
194.14	12,372	1,732	194.66	12,372	8,166
194.15	12,372	1,856	194.67	12,372	8,289
194.16	12,372	1,980	194.68	12,372	8,413
194.17	12,372	2,103	194.69	12,372	8,537
194.18	12,372	2,227	194.70	12,372	8,660
194.19	12,372	2,351	194.71	12,372	8,784
194.20	12,372	2,474	194.72	12,372	8,908
194.21	12,372	2,598	194.73	12,372	9,032
194.22	12,372	2,722	194.74	12,372	9,155
194.23	12,372	2,846	194.75	12,372	9,279
194.24	12,372	2,969	194.76	12,372	9,403
194.25	12,372	3,093	194.77	12,372	9,526
194.26	12,372	3,217	194.78	12,372	9,650
194.27	12,372	3,340	194.79	12,372	9,774
194.28	12,372	3,464	194.80	12,372	9,898
194.29	12,372	3,588	194.81	12,372	10,021
194.30	12,372	3,712	194.82	12,372	10,145
194.31	12,372	3,835	194.83	12,372	10,269
194.32	12,372	3,959	194.84	12,372	10,392
194.33	12,372	4,083	194.85	12,372	10,516
194.34	12,372	4,206	194.86	12,372	10,640
194.35	12,372	4,330	194.87	12,372	10,764
194.36	12,372	4,454	194.88	12,372	10,887
194.37	12,372	4,578	194.89	12,372	11,011
194.38	12,372	4,701	194.90	12,372	11,135
194.39	12,372	4,825	194.91	12,372	11,259
194.40	12,372	4,949	194.92	12,372	11,382
194.41	12,372	5,073	194.93	12,372	11,506
194.42	12,372	5,196	194.94	12,372	11,630
194.43	12,372	5,320	194.95	12,372	11,753
194.44	12,372	5,444	194.96	12,372	11,877
194.45	12,372	5,567	194.97	12,372	12,001
194.46	12,372	5,691	194.98	12,372	12,125
194.47	12,372	5,815	194.99	12,372	12,248
194.48	12,372	5,939	195.00	12,372	12,372
194.49	12,372	6,062	195.01	12,372	12,496
194.50	12,372	6,186	195.02	12,372	12,619
194.51	12,372	6,310	195.03	12,372	12,743

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	12,372	12,867	195.56	12,372	19,300
195.05	12,372	12,991	195.57	12,372	19,424
195.06	12,372	13,114	195.58	12,372	19,548
195.07	12,372	13,238	195.59	12,372	19,671
195.08	12,372	13,362	195.60	12,372	19,795
195.09	12,372	13,485	195.61	12,372	19,919
195.10	12,372	13,609	195.62	12,372	20,043
195.11	12,372	13,733	195.63	12,372	20,166
195.12	12,372	13,857	195.64	12,372	20,290
195.13	12,372	13,980	195.65	12,372	20,414
195.14	12,372	14,104	195.66	12,372	20,538
195.15	12,372	14,228	195.67	12,372	20,661
195.16	12,372	14,352	195.68	12,372	20,785
195.17	12,372	14,475	195.69	12,372	20,909
195.18	12,372	14,599	195.70	12,372	21,032
195.19	12,372	14,723	195.71	12,372	21,156
195.20	12,372	14,846	195.72	12,372	21,280
195.21	12,372	14,970	195.73	12,372	21,404
195.22	12,372	15,094	195.74	12,372	21,527
195.23	12,372	15,218	195.75	12,372	21,651
195.24	12,372	15,341	195.76	12,372	21,775
195.25	12,372	15,465	195.77	12,372	21,898
195.26	12,372	15,589	195.78	12,372	22,022
195.27	12,372	15,712	195.79	12,372	22,146
195.28	12,372	15,836	195.80	12,372	22,270
195.29	12,372	15,960	195.81	12,372	22,393
195.30	12,372	16,084	195.82	12,372	22,517
195.31	12,372	16,207	195.83	12,372	22,641
195.32	12,372	16,331	195.84	12,372	22,764
195.33	12,372	16,455	195.85	12,372	22,888
195.34	12,372	16,578	195.86	12,372	23,012
195.35	12,372	16,702	195.87	12,372	23,136
195.36	12,372	16,826	195.88	12,372	23,259
195.37	12,372	16,950	195.89	12,372	23,383
195.38	12,372	17,073	195.90	12,372	23,507
195.39	12,372	17,197	195.91	12,372	23,631
195.40	12,372	17,321	195.92	12,372	23,754
195.41	12,372	17,445	195.93	12,372	23,878
195.42	12,372	17,568	195.94	12,372	24,002
195.43	12,372	17,692	195.95	12,372	24,125
195.44	12,372	17,816	195.96	12,372	24,249
195.45	12,372	17,939	195.97	12,372	24,373
195.46	12,372	18,063	195.98	12,372	24,497
195.47	12,372	18,187	195.99	12,372	24,620
195.48	12,372	18,311	196.00	12,372	24,744
195.49	12,372	18,434	196.01	12,372	24,868
195.50	12,372	18,558	196.02	12,372	24,991
195.51	12,372	18,682	196.03	12,372	25,115
195.52	12,372	18,805	196.04	12,372	25,239
195.53	12,372	18,929	196.05	12,372	25,363
195.54	12,372	19,053	196.06	12,372	25,486
195.55	12,372	19,177	196.07	12,372	25,610

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	12,372	25,734	196.60	12,372	32,167
196.09	12,372	25,857	196.61	12,372	32,291
196.10	12,372	25,981	196.62	12,372	32,415
196.11	12,372	26,105	196.63	12,372	32,538
196.12	12,372	26,229	196.64	12,372	32,662
196.13	12,372	26,352	196.65	12,372	32,786
196.14	12,372	26,476	196.66	12,372	32,910
196.15	12,372	26,600	196.67	12,372	33,033
196.16	12,372	26,724	196.68	12,372	33,157
196.17	12,372	26,847	196.69	12,372	33,281
196.18	12,372	26,971	196.70	12,372	33,404
196.19	12,372	27,095	196.71	12,372	33,528
196.20	12,372	27,218	196.72	12,372	33,652
196.21	12,372	27,342	196.73	12,372	33,776
196.22	12,372	27,466	196.74	12,372	33,899
196.23	12,372	27,590	196.75	12,372	34,023
196.24	12,372	27,713	196.76	12,372	34,147
196.25	12,372	27,837	196.77	12,372	34,270
196.26	12,372	27,961	196.78	12,372	34,394
196.27	12,372	28,084	196.79	12,372	34,518
196.28	12,372	28,208	196.80	12,372	34,642
196.29	12,372	28,332	196.81	12,372	34,765
196.30	12,372	28,456	196.82	12,372	34,889
196.31	12,372	28,579	196.83	12,372	35,013
196.32	12,372	28,703	196.84	12,372	35,136
196.33	12,372	28,827	196.85	12,372	35,260
196.34	12,372	28,950	196.86	12,372	35,384
196.35	12,372	29,074	196.87	12,372	35,508
196.36	12,372	29,198	196.88	12,372	35,631
196.37	12,372	29,322	196.89	12,372	35,755
196.38	12,372	29,445	196.90	12,372	35,879
196.39	12,372	29,569	196.91	12,372	36,003
196.40	12,372	29,693	196.92	12,372	36,126
196.41	12,372	29,817	196.93	12,372	36,250
196.42	12,372	29,940	196.94	12,372	36,374
196.43	12,372	30,064	196.95	12,372	36,497
196.44	12,372	30,188	196.96	12,372	36,621
196.45	12,372	30,311	196.97	12,372	36,745
196.46	12,372	30,435	196.98	12,372	36,869
196.47	12,372	30,559	196.99	12,372	36,992
196.48	12,372	30,683	197.00	12,372	37,116
196.49	12,372	30,806	197.01	12,372	37,240
196.50	12,372	30,930	197.02	12,372	37,363
196.51	12,372	31,054	197.03	12,372	37,487
196.52	12,372	31,177	197.04	12,372	37,611
196.53	12,372	31,301	197.05	12,372	37,735
196.54	12,372	31,425	197.06	12,372	37,858
196.55	12,372	31,549	197.07	12,372	37,982
196.56	12,372	31,672	197.08	12,372	38,106
196.57	12,372	31,796	197.09	12,372	38,229
196.58	12,372	31,920	197.10	12,372	38,353
196.59	12,372	32,043	197.11	12,372	38,477

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	12,372	38,601	197.64	12,372	45,034
197.13	12,372	38,724	197.65	12,372	45,158
197.14	12,372	38,848	197.66	12,372	45,282
197.15	12,372	38,972	197.67	12,372	45,405
197.16	12,372	39,096	197.68	12,372	45,529
197.17	12,372	39,219	197.69	12,372	45,653
197.18	12,372	39,343	197.70	12,372	45,776
197.19	12,372	39,467	197.71	12,372	45,900
197.20	12,372	39,590	197.72	12,372	46,024
197.21	12,372	39,714	197.73	12,372	46,148
197.22	12,372	39,838	197.74	12,372	46,271
197.23	12,372	39,962	197.75	12,372	46,395
197.24	12,372	40,085	197.76	12,372	46,519
197.25	12,372	40,209	197.77	12,372	46,642
197.26	12,372	40,333	197.78	12,372	46,766
197.27	12,372	40,456	197.79	12,372	46,890
197.28	12,372	40,580	197.80	12,372	47,014
197.29	12,372	40,704	197.81	12,372	47,137
197.30	12,372	40,828	197.82	12,372	47,261
197.31	12,372	40,951	197.83	12,372	47,385
197.32	12,372	41,075	197.84	12,372	47,508
197.33	12,372	41,199	197.85	12,372	47,632
197.34	12,372	41,322	197.86	12,372	47,756
197.35	12,372	41,446	197.87	12,372	47,880
197.36	12,372	41,570	197.88	12,372	48,003
197.37	12,372	41,694	197.89	12,372	48,127
197.38	12,372	41,817	197.90	12,372	48,251
197.39	12,372	41,941	197.91	12,372	48,375
197.40	12,372	42,065	197.92	12,372	48,498
197.41	12,372	42,189	197.93	12,372	48,622
197.42	12,372	42,312	197.94	12,372	48,746
197.43	12,372	42,436	197.95	12,372	48,869
197.44	12,372	42,560	197.96	12,372	48,993
197.45	12,372	42,683	197.97	12,372	49,117
197.46	12,372	42,807	197.98	12,372	49,241
197.47	12,372	42,931	197.99	12,372	49,364
197.48	12,372	43,055	198.00	12,372	49,488
197.49	12,372	43,178			
197.50	12,372	43,302			
197.51	12,372	43,426			
197.52	12,372	43,549			
197.53	12,372	43,673			
197.54	12,372	43,797			
197.55	12,372	43,921			
197.56	12,372	44,044			
197.57	12,372	44,168			
197.58	12,372	44,292			
197.59	12,372	44,415			
197.60	12,372	44,539			
197.61	12,372	44,663			
197.62	12,372	44,787			
197.63	12,372	44,910			

Summary for Pond B-38: Basin #38

Inflow Area = 2.114 ac, 34.96% Impervious, Inflow Depth = 2.23" for Future 2 yr event
 Inflow = 4.70 cfs @ 12.11 hrs, Volume= 0.393 af
 Outflow = 0.65 cfs @ 12.92 hrs, Volume= 0.314 af, Atten= 86%, Lag= 48.8 min
 Primary = 0.65 cfs @ 12.92 hrs, Volume= 0.314 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 206.09' @ 12.92 hrs Surf.Area= 8,724 sf Storage= 9,318 cf

Plug-Flow detention time= 306.3 min calculated for 0.314 af (80% of inflow)
 Center-of-Mass det. time= 223.3 min (1,021.5 - 798.2)

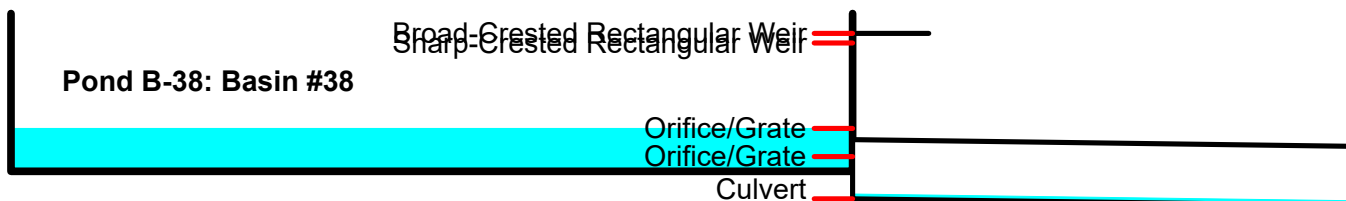
Volume	Invert	Avail.Storage	Storage Description
#1	205.00'	36,001 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
205.00	8,390	0	0
206.00	8,697	8,544	8,544
207.00	9,003	8,850	17,394
208.00	9,310	9,157	26,550
209.00	9,592	9,451	36,001

Device	Routing	Invert	Outlet Devices
#1	Primary	204.30'	18.0" Round Culvert L= 33.0' Ke= 0.500 Inlet / Outlet Invert= 204.30' / 204.13' S= 0.0052 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	205.37'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	206.09'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	208.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	208.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

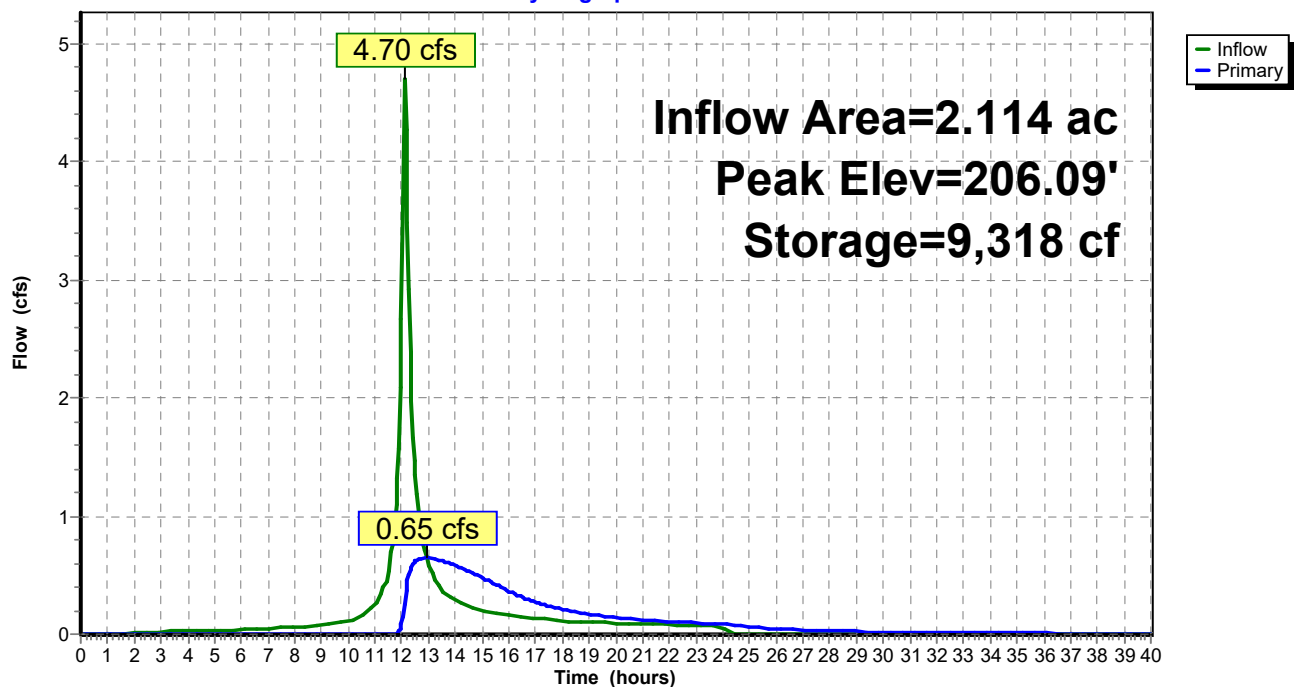
Primary OutFlow Max=0.65 cfs @ 12.92 hrs HW=206.09' (Free Discharge)

1=Culvert (Passes 0.65 cfs of 7.48 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.65 cfs @ 3.30 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-38: Basin #38

Hydrograph



Hydrograph for Pond B-38: Basin #38

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	205.00	0.00
0.10	0.00	0	205.00	0.00
0.20	0.00	0	205.00	0.00
0.30	0.00	0	205.00	0.00
0.40	0.00	0	205.00	0.00
0.50	0.00	0	205.00	0.00
0.60	0.00	0	205.00	0.00
0.70	0.00	0	205.00	0.00
0.80	0.00	0	205.00	0.00
0.90	0.00	0	205.00	0.00
1.00	0.00	0	205.00	0.00
1.10	0.00	0	205.00	0.00
1.20	0.00	1	205.00	0.00
1.30	0.00	2	205.00	0.00
1.40	0.00	3	205.00	0.00
1.50	0.01	5	205.00	0.00
1.60	0.01	8	205.00	0.00
1.70	0.01	10	205.00	0.00
1.80	0.01	13	205.00	0.00
1.90	0.01	17	205.00	0.00
2.00	0.01	21	205.00	0.00
2.10	0.01	25	205.00	0.00
2.20	0.01	29	205.00	0.00
2.30	0.01	34	205.00	0.00
2.40	0.01	39	205.00	0.00
2.50	0.02	45	205.01	0.00
2.60	0.02	51	205.01	0.00
2.70	0.02	57	205.01	0.00
2.80	0.02	63	205.01	0.00
2.90	0.02	70	205.01	0.00
3.00	0.02	77	205.01	0.00
3.10	0.02	84	205.01	0.00
3.20	0.02	92	205.01	0.00
3.30	0.02	100	205.01	0.00
3.40	0.02	108	205.01	0.00
3.50	0.02	116	205.01	0.00
3.60	0.02	124	205.01	0.00
3.70	0.02	133	205.02	0.00
3.80	0.03	142	205.02	0.00
3.90	0.03	151	205.02	0.00
4.00	0.03	161	205.02	0.00
4.10	0.03	171	205.02	0.00
4.20	0.03	180	205.02	0.00
4.30	0.03	191	205.02	0.00
4.40	0.03	201	205.02	0.00
4.50	0.03	211	205.03	0.00
4.60	0.03	222	205.03	0.00
4.70	0.03	233	205.03	0.00
4.80	0.03	244	205.03	0.00
4.90	0.03	256	205.03	0.00
5.00	0.03	267	205.03	0.00
5.10	0.03	279	205.03	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	291	205.03	0.00
5.30	0.03	303	205.04	0.00
5.40	0.03	315	205.04	0.00
5.50	0.03	328	205.04	0.00
5.60	0.04	340	205.04	0.00
5.70	0.04	353	205.04	0.00
5.80	0.04	366	205.04	0.00
5.90	0.04	379	205.05	0.00
6.00	0.04	393	205.05	0.00
6.10	0.04	406	205.05	0.00
6.20	0.04	420	205.05	0.00
6.30	0.04	435	205.05	0.00
6.40	0.04	450	205.05	0.00
6.50	0.04	465	205.06	0.00
6.60	0.04	481	205.06	0.00
6.70	0.05	497	205.06	0.00
6.80	0.05	513	205.06	0.00
6.90	0.05	530	205.06	0.00
7.00	0.05	548	205.07	0.00
7.10	0.05	566	205.07	0.00
7.20	0.05	584	205.07	0.00
7.30	0.05	603	205.07	0.00
7.40	0.05	622	205.07	0.00
7.50	0.06	642	205.08	0.00
7.60	0.06	662	205.08	0.00
7.70	0.06	683	205.08	0.00
7.80	0.06	704	205.08	0.00
7.90	0.06	725	205.09	0.00
8.00	0.06	747	205.09	0.00
8.10	0.06	769	205.09	0.00
8.20	0.06	792	205.09	0.00
8.30	0.07	815	205.10	0.00
8.40	0.07	839	205.10	0.00
8.50	0.07	863	205.10	0.00
8.60	0.07	888	205.11	0.00
8.70	0.07	913	205.11	0.00
8.80	0.07	938	205.11	0.00
8.90	0.07	964	205.11	0.00
9.00	0.07	991	205.12	0.00
9.10	0.08	1,018	205.12	0.00
9.20	0.08	1,047	205.12	0.00
9.30	0.09	1,077	205.13	0.00
9.40	0.09	1,109	205.13	0.00
9.50	0.09	1,142	205.14	0.00
9.60	0.10	1,177	205.14	0.00
9.70	0.10	1,213	205.14	0.00
9.80	0.11	1,251	205.15	0.00
9.90	0.11	1,291	205.15	0.00
10.00	0.12	1,332	205.16	0.00
10.10	0.12	1,375	205.16	0.00
10.20	0.13	1,419	205.17	0.00
10.30	0.13	1,465	205.17	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,514	205.18	0.00
10.50	0.15	1,566	205.19	0.00
10.60	0.16	1,622	205.19	0.00
10.70	0.19	1,685	205.20	0.00
10.80	0.21	1,755	205.21	0.00
10.90	0.23	1,834	205.22	0.00
11.00	0.25	1,921	205.23	0.00
11.10	0.29	2,019	205.24	0.00
11.20	0.33	2,132	205.25	0.00
11.30	0.38	2,261	205.27	0.00
11.40	0.43	2,407	205.29	0.00
11.50	0.48	2,570	205.30	0.00
11.60	0.70	2,781	205.33	0.00
11.70	0.81	3,054	205.36	0.00
11.80	1.10	3,397	205.40	0.00
11.90	1.57	3,871	205.46	0.02
12.00	2.68	4,611	205.54	0.09
12.10	4.67	5,868	205.69	0.26
12.20	3.48	7,239	205.85	0.46
12.30	2.38	8,114	205.95	0.54
12.40	1.66	8,627	206.01	0.59
12.50	1.35	8,945	206.05	0.62
12.60	1.02	9,146	206.07	0.63
12.70	0.84	9,249	206.08	0.64
12.80	0.74	9,298	206.09	0.65
12.90	0.66	9,317	206.09	0.65
13.00	0.60	9,311	206.09	0.65
13.10	0.53	9,282	206.08	0.64
13.20	0.49	9,235	206.08	0.64
13.30	0.45	9,173	206.07	0.64
13.40	0.41	9,100	206.06	0.63
13.50	0.38	9,016	206.05	0.62
13.60	0.34	8,922	206.04	0.62
13.70	0.32	8,822	206.03	0.61
13.80	0.31	8,718	206.02	0.60
13.90	0.30	8,613	206.01	0.59
14.00	0.29	8,508	206.00	0.58
14.10	0.28	8,403	205.98	0.57
14.20	0.27	8,298	205.97	0.56
14.30	0.26	8,194	205.96	0.55
14.40	0.25	8,090	205.95	0.54
14.50	0.24	7,986	205.94	0.53
14.60	0.23	7,882	205.92	0.52
14.70	0.22	7,779	205.91	0.51
14.80	0.22	7,676	205.90	0.50
14.90	0.21	7,573	205.89	0.49
15.00	0.20	7,471	205.88	0.48
15.10	0.19	7,370	205.86	0.47
15.20	0.18	7,269	205.85	0.46
15.30	0.18	7,170	205.84	0.45
15.40	0.17	7,074	205.83	0.44
15.50	0.17	6,982	205.82	0.42

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	6,893	205.81	0.41
15.70	0.17	6,807	205.80	0.40
15.80	0.16	6,725	205.79	0.39
15.90	0.16	6,646	205.78	0.38
16.00	0.16	6,571	205.77	0.37
16.10	0.16	6,499	205.76	0.35
16.20	0.16	6,429	205.76	0.34
16.30	0.15	6,363	205.75	0.33
16.40	0.15	6,299	205.74	0.32
16.50	0.15	6,238	205.73	0.31
16.60	0.15	6,179	205.73	0.30
16.70	0.14	6,123	205.72	0.30
16.80	0.14	6,069	205.71	0.29
16.90	0.14	6,017	205.71	0.28
17.00	0.14	5,967	205.70	0.27
17.10	0.13	5,919	205.70	0.26
17.20	0.13	5,872	205.69	0.26
17.30	0.13	5,827	205.69	0.25
17.40	0.13	5,784	205.68	0.24
17.50	0.12	5,742	205.68	0.24
17.60	0.12	5,701	205.67	0.23
17.70	0.12	5,662	205.67	0.23
17.80	0.12	5,624	205.66	0.22
17.90	0.11	5,587	205.66	0.21
18.00	0.11	5,551	205.65	0.21
18.10	0.11	5,516	205.65	0.20
18.20	0.11	5,482	205.65	0.20
18.30	0.11	5,449	205.64	0.19
18.40	0.10	5,418	205.64	0.19
18.50	0.10	5,388	205.63	0.19
18.60	0.10	5,359	205.63	0.18
18.70	0.10	5,331	205.63	0.18
18.80	0.10	5,305	205.63	0.17
18.90	0.10	5,280	205.62	0.17
19.00	0.10	5,255	205.62	0.17
19.10	0.10	5,232	205.62	0.16
19.20	0.10	5,210	205.61	0.16
19.30	0.10	5,188	205.61	0.16
19.40	0.10	5,167	205.61	0.15
19.50	0.10	5,147	205.61	0.15
19.60	0.10	5,128	205.60	0.15
19.70	0.10	5,109	205.60	0.15
19.80	0.10	5,092	205.60	0.14
19.90	0.10	5,075	205.60	0.14
20.00	0.09	5,058	205.60	0.14
20.10	0.09	5,042	205.59	0.14
20.20	0.09	5,026	205.59	0.14
20.30	0.09	5,011	205.59	0.13
20.40	0.09	4,996	205.59	0.13
20.50	0.09	4,982	205.59	0.13
20.60	0.09	4,968	205.59	0.13
20.70	0.09	4,954	205.58	0.13

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	4,941	205.58	0.13
20.90	0.09	4,928	205.58	0.12
21.00	0.09	4,916	205.58	0.12
21.10	0.09	4,904	205.58	0.12
21.20	0.09	4,892	205.58	0.12
21.30	0.09	4,880	205.58	0.12
21.40	0.09	4,869	205.57	0.12
21.50	0.09	4,858	205.57	0.12
21.60	0.08	4,847	205.57	0.11
21.70	0.08	4,837	205.57	0.11
21.80	0.08	4,826	205.57	0.11
21.90	0.08	4,816	205.57	0.11
22.00	0.08	4,807	205.57	0.11
22.10	0.08	4,797	205.57	0.11
22.20	0.08	4,787	205.56	0.11
22.30	0.08	4,778	205.56	0.11
22.40	0.08	4,769	205.56	0.10
22.50	0.08	4,760	205.56	0.10
22.60	0.08	4,752	205.56	0.10
22.70	0.08	4,743	205.56	0.10
22.80	0.08	4,735	205.56	0.10
22.90	0.08	4,726	205.56	0.10
23.00	0.08	4,718	205.56	0.10
23.10	0.08	4,710	205.56	0.10
23.20	0.07	4,701	205.55	0.10
23.30	0.07	4,693	205.55	0.10
23.40	0.07	4,685	205.55	0.10
23.50	0.07	4,677	205.55	0.09
23.60	0.07	4,670	205.55	0.09
23.70	0.07	4,662	205.55	0.09
23.80	0.07	4,654	205.55	0.09
23.90	0.07	4,646	205.55	0.09
24.00	0.08	4,640	205.55	0.09
24.10	0.04	4,630	205.55	0.09
24.20	0.01	4,607	205.54	0.09
24.30	0.00	4,580	205.54	0.08
24.40	0.00	4,551	205.54	0.08
24.50	0.00	4,522	205.53	0.08
24.60	0.00	4,495	205.53	0.07
24.70	0.00	4,468	205.53	0.07
24.80	0.00	4,443	205.52	0.07
24.90	0.00	4,418	205.52	0.07
25.00	0.00	4,395	205.52	0.06
25.10	0.00	4,372	205.52	0.06
25.20	0.00	4,350	205.51	0.06
25.30	0.00	4,328	205.51	0.06
25.40	0.00	4,307	205.51	0.06
25.50	0.00	4,287	205.51	0.06
25.60	0.00	4,267	205.50	0.05
25.70	0.00	4,248	205.50	0.05
25.80	0.00	4,230	205.50	0.05
25.90	0.00	4,212	205.50	0.05

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,195	205.50	0.05
26.10	0.00	4,178	205.49	0.05
26.20	0.00	4,162	205.49	0.04
26.30	0.00	4,146	205.49	0.04
26.40	0.00	4,130	205.49	0.04
26.50	0.00	4,116	205.49	0.04
26.60	0.00	4,101	205.48	0.04
26.70	0.00	4,087	205.48	0.04
26.80	0.00	4,074	205.48	0.04
26.90	0.00	4,060	205.48	0.04
27.00	0.00	4,048	205.48	0.04
27.10	0.00	4,035	205.48	0.03
27.20	0.00	4,023	205.48	0.03
27.30	0.00	4,011	205.47	0.03
27.40	0.00	3,999	205.47	0.03
27.50	0.00	3,988	205.47	0.03
27.60	0.00	3,976	205.47	0.03
27.70	0.00	3,965	205.47	0.03
27.80	0.00	3,955	205.47	0.03
27.90	0.00	3,944	205.47	0.03
28.00	0.00	3,934	205.46	0.03
28.10	0.00	3,924	205.46	0.03
28.20	0.00	3,914	205.46	0.03
28.30	0.00	3,904	205.46	0.03
28.40	0.00	3,895	205.46	0.03
28.50	0.00	3,886	205.46	0.03
28.60	0.00	3,877	205.46	0.02
28.70	0.00	3,868	205.46	0.02
28.80	0.00	3,859	205.46	0.02
28.90	0.00	3,851	205.46	0.02
29.00	0.00	3,843	205.45	0.02
29.10	0.00	3,835	205.45	0.02
29.20	0.00	3,827	205.45	0.02
29.30	0.00	3,819	205.45	0.02
29.40	0.00	3,812	205.45	0.02
29.50	0.00	3,804	205.45	0.02
29.60	0.00	3,797	205.45	0.02
29.70	0.00	3,790	205.45	0.02
29.80	0.00	3,783	205.45	0.02
29.90	0.00	3,777	205.45	0.02
30.00	0.00	3,770	205.45	0.02
30.10	0.00	3,764	205.44	0.02
30.20	0.00	3,757	205.44	0.02
30.30	0.00	3,751	205.44	0.02
30.40	0.00	3,745	205.44	0.02
30.50	0.00	3,739	205.44	0.02
30.60	0.00	3,733	205.44	0.02
30.70	0.00	3,728	205.44	0.02
30.80	0.00	3,722	205.44	0.02
30.90	0.00	3,717	205.44	0.01
31.00	0.00	3,712	205.44	0.01
31.10	0.00	3,706	205.44	0.01

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,701	205.44	0.01
31.30	0.00	3,696	205.44	0.01
31.40	0.00	3,691	205.44	0.01
31.50	0.00	3,686	205.44	0.01
31.60	0.00	3,681	205.44	0.01
31.70	0.00	3,676	205.43	0.01
31.80	0.00	3,671	205.43	0.01
31.90	0.00	3,667	205.43	0.01
32.00	0.00	3,662	205.43	0.01
32.10	0.00	3,657	205.43	0.01
32.20	0.00	3,653	205.43	0.01
32.30	0.00	3,648	205.43	0.01
32.40	0.00	3,644	205.43	0.01
32.50	0.00	3,639	205.43	0.01
32.60	0.00	3,635	205.43	0.01
32.70	0.00	3,631	205.43	0.01
32.80	0.00	3,627	205.43	0.01
32.90	0.00	3,622	205.43	0.01
33.00	0.00	3,618	205.43	0.01
33.10	0.00	3,614	205.43	0.01
33.20	0.00	3,610	205.43	0.01
33.30	0.00	3,606	205.43	0.01
33.40	0.00	3,602	205.43	0.01
33.50	0.00	3,599	205.43	0.01
33.60	0.00	3,595	205.43	0.01
33.70	0.00	3,591	205.42	0.01
33.80	0.00	3,587	205.42	0.01
33.90	0.00	3,584	205.42	0.01
34.00	0.00	3,580	205.42	0.01
34.10	0.00	3,576	205.42	0.01
34.20	0.00	3,573	205.42	0.01
34.30	0.00	3,569	205.42	0.01
34.40	0.00	3,566	205.42	0.01
34.50	0.00	3,563	205.42	0.01
34.60	0.00	3,559	205.42	0.01
34.70	0.00	3,556	205.42	0.01
34.80	0.00	3,553	205.42	0.01
34.90	0.00	3,549	205.42	0.01
35.00	0.00	3,546	205.42	0.01
35.10	0.00	3,543	205.42	0.01
35.20	0.00	3,540	205.42	0.01
35.30	0.00	3,537	205.42	0.01
35.40	0.00	3,534	205.42	0.01
35.50	0.00	3,531	205.42	0.01
35.60	0.00	3,528	205.42	0.01
35.70	0.00	3,525	205.42	0.01
35.80	0.00	3,522	205.42	0.01
35.90	0.00	3,519	205.42	0.01
36.00	0.00	3,517	205.42	0.01
36.10	0.00	3,514	205.42	0.01
36.20	0.00	3,511	205.42	0.01
36.30	0.00	3,508	205.42	0.01

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,506	205.41	0.01
36.50	0.00	3,503	205.41	0.01
36.60	0.00	3,501	205.41	0.01
36.70	0.00	3,498	205.41	0.01
36.80	0.00	3,495	205.41	0.01
36.90	0.00	3,493	205.41	0.01
37.00	0.00	3,491	205.41	0.01
37.10	0.00	3,488	205.41	0.01
37.20	0.00	3,486	205.41	0.01
37.30	0.00	3,483	205.41	0.01
37.40	0.00	3,481	205.41	0.01
37.50	0.00	3,479	205.41	0.01
37.60	0.00	3,476	205.41	0.01
37.70	0.00	3,474	205.41	0.01
37.80	0.00	3,472	205.41	0.01
37.90	0.00	3,470	205.41	0.01
38.00	0.00	3,468	205.41	0.01
38.10	0.00	3,466	205.41	0.01
38.20	0.00	3,463	205.41	0.01
38.30	0.00	3,461	205.41	0.01
38.40	0.00	3,459	205.41	0.01
38.50	0.00	3,457	205.41	0.01
38.60	0.00	3,455	205.41	0.01
38.70	0.00	3,453	205.41	0.01
38.80	0.00	3,451	205.41	0.01
38.90	0.00	3,449	205.41	0.01
39.00	0.00	3,448	205.41	0.01
39.10	0.00	3,446	205.41	0.01
39.20	0.00	3,444	205.41	0.01
39.30	0.00	3,442	205.41	0.01
39.40	0.00	3,440	205.41	0.00
39.50	0.00	3,438	205.41	0.00
39.60	0.00	3,437	205.41	0.00
39.70	0.00	3,435	205.41	0.00
39.80	0.00	3,433	205.41	0.00
39.90	0.00	3,432	205.41	0.00
40.00	0.00	3,430	205.41	0.00

Stage-Discharge for Pond B-38: Basin #38

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.00	0.00	205.52	0.07	206.04	0.61	206.56	2.22
205.01	0.00	205.53	0.07	206.05	0.62	206.57	2.25
205.02	0.00	205.54	0.08	206.06	0.63	206.58	2.28
205.03	0.00	205.55	0.09	206.07	0.63	206.59	2.31
205.04	0.00	205.56	0.10	206.08	0.64	206.60	2.33
205.05	0.00	205.57	0.11	206.09	0.65	206.61	2.36
205.06	0.00	205.58	0.12	206.10	0.66	206.62	2.38
205.07	0.00	205.59	0.13	206.11	0.68	206.63	2.41
205.08	0.00	205.60	0.14	206.12	0.69	206.64	2.43
205.09	0.00	205.61	0.16	206.13	0.71	206.65	2.46
205.10	0.00	205.62	0.17	206.14	0.74	206.66	2.48
205.11	0.00	205.63	0.18	206.15	0.76	206.67	2.51
205.12	0.00	205.64	0.19	206.16	0.78	206.68	2.53
205.13	0.00	205.65	0.20	206.17	0.81	206.69	2.55
205.14	0.00	205.66	0.22	206.18	0.84	206.70	2.58
205.15	0.00	205.67	0.23	206.19	0.87	206.71	2.60
205.16	0.00	205.68	0.24	206.20	0.90	206.72	2.62
205.17	0.00	205.69	0.26	206.21	0.93	206.73	2.64
205.18	0.00	205.70	0.27	206.22	0.96	206.74	2.67
205.19	0.00	205.71	0.28	206.23	0.99	206.75	2.69
205.20	0.00	205.72	0.30	206.24	1.02	206.76	2.71
205.21	0.00	205.73	0.31	206.25	1.06	206.77	2.73
205.22	0.00	205.74	0.32	206.26	1.09	206.78	2.75
205.23	0.00	205.75	0.34	206.27	1.13	206.79	2.77
205.24	0.00	205.76	0.35	206.28	1.17	206.80	2.79
205.25	0.00	205.77	0.36	206.29	1.20	206.81	2.82
205.26	0.00	205.78	0.38	206.30	1.24	206.82	2.84
205.27	0.00	205.79	0.39	206.31	1.28	206.83	2.86
205.28	0.00	205.80	0.40	206.32	1.32	206.84	2.88
205.29	0.00	205.81	0.41	206.33	1.36	206.85	2.90
205.30	0.00	205.82	0.43	206.34	1.40	206.86	2.92
205.31	0.00	205.83	0.44	206.35	1.45	206.87	2.94
205.32	0.00	205.84	0.45	206.36	1.49	206.88	2.96
205.33	0.00	205.85	0.46	206.37	1.53	206.89	2.98
205.34	0.00	205.86	0.47	206.38	1.58	206.90	3.00
205.35	0.00	205.87	0.47	206.39	1.62	206.91	3.01
205.36	0.00	205.88	0.48	206.40	1.67	206.92	3.03
205.37	0.00	205.89	0.49	206.41	1.71	206.93	3.05
205.38	0.00	205.90	0.50	206.42	1.76	206.94	3.07
205.39	0.00	205.91	0.51	206.43	1.80	206.95	3.09
205.40	0.00	205.92	0.52	206.44	1.84	206.96	3.11
205.41	0.01	205.93	0.53	206.45	1.88	206.97	3.13
205.42	0.01	205.94	0.53	206.46	1.92	206.98	3.15
205.43	0.01	205.95	0.54	206.47	1.95	206.99	3.16
205.44	0.02	205.96	0.55	206.48	1.98	207.00	3.18
205.45	0.02	205.97	0.56	206.49	2.02	207.01	3.20
205.46	0.02	205.98	0.57	206.50	2.05	207.02	3.22
205.47	0.03	205.99	0.58	206.51	2.08	207.03	3.24
205.48	0.04	206.00	0.58	206.52	2.11	207.04	3.25
205.49	0.04	206.01	0.59	206.53	2.14	207.05	3.27
205.50	0.05	206.02	0.60	206.54	2.17	207.06	3.29
205.51	0.06	206.03	0.61	206.55	2.20	207.07	3.31

Stage-Discharge for Pond B-38: Basin #38 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.08	3.32	207.60	4.12	208.12	4.78	208.64	14.65
207.09	3.34	207.61	4.13	208.13	4.79	208.65	15.46
207.10	3.36	207.62	4.15	208.14	4.80	208.66	16.29
207.11	3.37	207.63	4.16	208.15	4.82	208.67	17.14
207.12	3.39	207.64	4.17	208.16	4.83	208.68	18.02
207.13	3.41	207.65	4.19	208.17	4.84	208.69	18.92
207.14	3.42	207.66	4.20	208.18	4.85	208.70	19.85
207.15	3.44	207.67	4.21	208.19	4.86	208.71	20.83
207.16	3.46	207.68	4.23	208.20	4.87	208.72	21.84
207.17	3.47	207.69	4.24	208.21	4.89	208.73	22.88
207.18	3.49	207.70	4.25	208.22	4.90	208.74	23.94
207.19	3.51	207.71	4.27	208.23	4.91	208.75	25.04
207.20	3.52	207.72	4.28	208.24	4.92	208.76	26.15
207.21	3.54	207.73	4.29	208.25	4.93	208.77	27.30
207.22	3.56	207.74	4.31	208.26	4.96	208.78	28.47
207.23	3.57	207.75	4.32	208.27	4.99	208.79	29.66
207.24	3.59	207.76	4.33	208.28	5.03	208.80	30.88
207.25	3.60	207.77	4.35	208.29	5.08	208.81	32.13
207.26	3.62	207.78	4.36	208.30	5.13	208.82	33.40
207.27	3.64	207.79	4.37	208.31	5.19	208.83	34.70
207.28	3.65	207.80	4.39	208.32	5.25	208.84	36.02
207.29	3.67	207.81	4.40	208.33	5.32	208.85	37.37
207.30	3.68	207.82	4.41	208.34	5.38	208.86	38.74
207.31	3.70	207.83	4.42	208.35	5.46	208.87	40.14
207.32	3.71	207.84	4.44	208.36	5.53	208.88	41.56
207.33	3.73	207.85	4.45	208.37	5.61	208.89	43.01
207.34	3.74	207.86	4.46	208.38	5.69	208.90	44.49
207.35	3.76	207.87	4.47	208.39	5.77	208.91	46.01
207.36	3.77	207.88	4.49	208.40	5.85	208.92	47.57
207.37	3.79	207.89	4.50	208.41	5.94	208.93	49.15
207.38	3.80	207.90	4.51	208.42	6.03	208.94	50.75
207.39	3.82	207.91	4.52	208.43	6.12	208.95	52.39
207.40	3.83	207.92	4.54	208.44	6.22	208.96	54.05
207.41	3.85	207.93	4.55	208.45	6.31	208.97	55.74
207.42	3.86	207.94	4.56	208.46	6.41	208.98	57.45
207.43	3.88	207.95	4.57	208.47	6.51	208.99	59.20
207.44	3.89	207.96	4.59	208.48	6.61	209.00	60.97
207.45	3.91	207.97	4.60	208.49	6.72		
207.46	3.92	207.98	4.61	208.50	6.82		
207.47	3.94	207.99	4.62	208.51	7.05		
207.48	3.95	208.00	4.64	208.52	7.37		
207.49	3.96	208.01	4.65	208.53	7.76		
207.50	3.98	208.02	4.66	208.54	8.20		
207.51	3.99	208.03	4.67	208.55	8.69		
207.52	4.01	208.04	4.68	208.56	9.22		
207.53	4.02	208.05	4.70	208.57	9.79		
207.54	4.04	208.06	4.71	208.58	10.39		
207.55	4.05	208.07	4.72	208.59	11.03		
207.56	4.06	208.08	4.73	208.60	11.70		
207.57	4.08	208.09	4.74	208.61	12.39		
207.58	4.09	208.10	4.76	208.62	13.12		
207.59	4.11	208.11	4.77	208.63	13.87		

Stage-Area-Storage for Pond B-38: Basin #38

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.00	8,390	0	205.52	8,550	4,404
205.01	8,393	84	205.53	8,553	4,490
205.02	8,396	168	205.54	8,556	4,575
205.03	8,399	252	205.55	8,559	4,661
205.04	8,402	336	205.56	8,562	4,747
205.05	8,405	420	205.57	8,565	4,832
205.06	8,408	504	205.58	8,568	4,918
205.07	8,411	588	205.59	8,571	5,004
205.08	8,415	672	205.60	8,574	5,089
205.09	8,418	756	205.61	8,577	5,175
205.10	8,421	841	205.62	8,580	5,261
205.11	8,424	925	205.63	8,583	5,347
205.12	8,427	1,009	205.64	8,586	5,432
205.13	8,430	1,093	205.65	8,590	5,518
205.14	8,433	1,178	205.66	8,593	5,604
205.15	8,436	1,262	205.67	8,596	5,690
205.16	8,439	1,346	205.68	8,599	5,776
205.17	8,442	1,431	205.69	8,602	5,862
205.18	8,445	1,515	205.70	8,605	5,948
205.19	8,448	1,600	205.71	8,608	6,034
205.20	8,451	1,684	205.72	8,611	6,120
205.21	8,454	1,769	205.73	8,614	6,207
205.22	8,458	1,853	205.74	8,617	6,293
205.23	8,461	1,938	205.75	8,620	6,379
205.24	8,464	2,022	205.76	8,623	6,465
205.25	8,467	2,107	205.77	8,626	6,551
205.26	8,470	2,192	205.78	8,629	6,638
205.27	8,473	2,276	205.79	8,633	6,724
205.28	8,476	2,361	205.80	8,636	6,810
205.29	8,479	2,446	205.81	8,639	6,897
205.30	8,482	2,531	205.82	8,642	6,983
205.31	8,485	2,616	205.83	8,645	7,069
205.32	8,488	2,701	205.84	8,648	7,156
205.33	8,491	2,785	205.85	8,651	7,242
205.34	8,494	2,870	205.86	8,654	7,329
205.35	8,497	2,955	205.87	8,657	7,415
205.36	8,501	3,040	205.88	8,660	7,502
205.37	8,504	3,125	205.89	8,663	7,589
205.38	8,507	3,210	205.90	8,666	7,675
205.39	8,510	3,295	205.91	8,669	7,762
205.40	8,513	3,381	205.92	8,672	7,849
205.41	8,516	3,466	205.93	8,676	7,935
205.42	8,519	3,551	205.94	8,679	8,022
205.43	8,522	3,636	205.95	8,682	8,109
205.44	8,525	3,721	205.96	8,685	8,196
205.45	8,528	3,807	205.97	8,688	8,283
205.46	8,531	3,892	205.98	8,691	8,370
205.47	8,534	3,977	205.99	8,694	8,457
205.48	8,537	4,063	206.00	8,697	8,544
205.49	8,540	4,148	206.01	8,700	8,630
205.50	8,544	4,233	206.02	8,703	8,718
205.51	8,547	4,319	206.03	8,706	8,805

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
206.04	8,709	8,892	206.56	8,868	13,462
206.05	8,712	8,979	206.57	8,871	13,550
206.06	8,715	9,066	206.58	8,874	13,639
206.07	8,718	9,153	206.59	8,878	13,728
206.08	8,721	9,240	206.60	8,881	13,817
206.09	8,725	9,327	206.61	8,884	13,906
206.10	8,728	9,415	206.62	8,887	13,994
206.11	8,731	9,502	206.63	8,890	14,083
206.12	8,734	9,589	206.64	8,893	14,172
206.13	8,737	9,677	206.65	8,896	14,261
206.14	8,740	9,764	206.66	8,899	14,350
206.15	8,743	9,851	206.67	8,902	14,439
206.16	8,746	9,939	206.68	8,905	14,528
206.17	8,749	10,026	206.69	8,908	14,617
206.18	8,752	10,114	206.70	8,911	14,706
206.19	8,755	10,201	206.71	8,914	14,795
206.20	8,758	10,289	206.72	8,917	14,885
206.21	8,761	10,377	206.73	8,920	14,974
206.22	8,764	10,464	206.74	8,923	15,063
206.23	8,767	10,552	206.75	8,927	15,152
206.24	8,770	10,640	206.76	8,930	15,242
206.25	8,774	10,727	206.77	8,933	15,331
206.26	8,777	10,815	206.78	8,936	15,420
206.27	8,780	10,903	206.79	8,939	15,510
206.28	8,783	10,991	206.80	8,942	15,599
206.29	8,786	11,078	206.81	8,945	15,688
206.30	8,789	11,166	206.82	8,948	15,778
206.31	8,792	11,254	206.83	8,951	15,867
206.32	8,795	11,342	206.84	8,954	15,957
206.33	8,798	11,430	206.85	8,957	16,046
206.34	8,801	11,518	206.86	8,960	16,136
206.35	8,804	11,606	206.87	8,963	16,226
206.36	8,807	11,694	206.88	8,966	16,315
206.37	8,810	11,782	206.89	8,969	16,405
206.38	8,813	11,870	206.90	8,972	16,495
206.39	8,816	11,959	206.91	8,975	16,584
206.40	8,819	12,047	206.92	8,979	16,674
206.41	8,822	12,135	206.93	8,982	16,764
206.42	8,826	12,223	206.94	8,985	16,854
206.43	8,829	12,311	206.95	8,988	16,944
206.44	8,832	12,400	206.96	8,991	17,034
206.45	8,835	12,488	206.97	8,994	17,124
206.46	8,838	12,576	206.98	8,997	17,214
206.47	8,841	12,665	206.99	9,000	17,303
206.48	8,844	12,753	207.00	9,003	17,394
206.49	8,847	12,842	207.01	9,006	17,484
206.50	8,850	12,930	207.02	9,009	17,574
206.51	8,853	13,019	207.03	9,012	17,664
206.52	8,856	13,107	207.04	9,015	17,754
206.53	8,859	13,196	207.05	9,018	17,844
206.54	8,862	13,284	207.06	9,021	17,934
206.55	8,865	13,373	207.07	9,024	18,024

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.08	9,028	18,115	207.60	9,187	22,851
207.09	9,031	18,205	207.61	9,190	22,942
207.10	9,034	18,295	207.62	9,193	23,034
207.11	9,037	18,386	207.63	9,196	23,126
207.12	9,040	18,476	207.64	9,199	23,218
207.13	9,043	18,566	207.65	9,203	23,310
207.14	9,046	18,657	207.66	9,206	23,402
207.15	9,049	18,747	207.67	9,209	23,494
207.16	9,052	18,838	207.68	9,212	23,587
207.17	9,055	18,928	207.69	9,215	23,679
207.18	9,058	19,019	207.70	9,218	23,771
207.19	9,061	19,110	207.71	9,221	23,863
207.20	9,064	19,200	207.72	9,224	23,955
207.21	9,067	19,291	207.73	9,227	24,047
207.22	9,071	19,382	207.74	9,230	24,140
207.23	9,074	19,472	207.75	9,233	24,232
207.24	9,077	19,563	207.76	9,236	24,324
207.25	9,080	19,654	207.77	9,239	24,417
207.26	9,083	19,745	207.78	9,242	24,509
207.27	9,086	19,836	207.79	9,246	24,602
207.28	9,089	19,926	207.80	9,249	24,694
207.29	9,092	20,017	207.81	9,252	24,787
207.30	9,095	20,108	207.82	9,255	24,879
207.31	9,098	20,199	207.83	9,258	24,972
207.32	9,101	20,290	207.84	9,261	25,064
207.33	9,104	20,381	207.85	9,264	25,157
207.34	9,107	20,472	207.86	9,267	25,250
207.35	9,110	20,563	207.87	9,270	25,342
207.36	9,114	20,654	207.88	9,273	25,435
207.37	9,117	20,746	207.89	9,276	25,528
207.38	9,120	20,837	207.90	9,279	25,621
207.39	9,123	20,928	207.91	9,282	25,713
207.40	9,126	21,019	207.92	9,285	25,806
207.41	9,129	21,111	207.93	9,289	25,899
207.42	9,132	21,202	207.94	9,292	25,992
207.43	9,135	21,293	207.95	9,295	26,085
207.44	9,138	21,385	207.96	9,298	26,178
207.45	9,141	21,476	207.97	9,301	26,271
207.46	9,144	21,567	207.98	9,304	26,364
207.47	9,147	21,659	207.99	9,307	26,457
207.48	9,150	21,750	208.00	9,310	26,550
207.49	9,153	21,842	208.01	9,313	26,643
207.50	9,157	21,933	208.02	9,316	26,736
207.51	9,160	22,025	208.03	9,318	26,829
207.52	9,163	22,117	208.04	9,321	26,923
207.53	9,166	22,208	208.05	9,324	27,016
207.54	9,169	22,300	208.06	9,327	27,109
207.55	9,172	22,392	208.07	9,330	27,202
207.56	9,175	22,483	208.08	9,333	27,296
207.57	9,178	22,575	208.09	9,335	27,389
207.58	9,181	22,667	208.10	9,338	27,482
207.59	9,184	22,759	208.11	9,341	27,576

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.12	9,344	27,669	208.64	9,490	32,566
208.13	9,347	27,763	208.65	9,493	32,661
208.14	9,349	27,856	208.66	9,496	32,756
208.15	9,352	27,950	208.67	9,499	32,851
208.16	9,355	28,043	208.68	9,502	32,946
208.17	9,358	28,137	208.69	9,505	33,041
208.18	9,361	28,230	208.70	9,507	33,136
208.19	9,364	28,324	208.71	9,510	33,231
208.20	9,366	28,418	208.72	9,513	33,326
208.21	9,369	28,511	208.73	9,516	33,421
208.22	9,372	28,605	208.74	9,519	33,517
208.23	9,375	28,699	208.75	9,522	33,612
208.24	9,378	28,793	208.76	9,524	33,707
208.25	9,381	28,886	208.77	9,527	33,802
208.26	9,383	28,980	208.78	9,530	33,898
208.27	9,386	29,074	208.79	9,533	33,993
208.28	9,389	29,168	208.80	9,536	34,088
208.29	9,392	29,262	208.81	9,538	34,184
208.30	9,395	29,356	208.82	9,541	34,279
208.31	9,397	29,450	208.83	9,544	34,374
208.32	9,400	29,544	208.84	9,547	34,470
208.33	9,403	29,638	208.85	9,550	34,565
208.34	9,406	29,732	208.86	9,553	34,661
208.35	9,409	29,826	208.87	9,555	34,756
208.36	9,412	29,920	208.88	9,558	34,852
208.37	9,414	30,014	208.89	9,561	34,948
208.38	9,417	30,108	208.90	9,564	35,043
208.39	9,420	30,202	208.91	9,567	35,139
208.40	9,423	30,297	208.92	9,569	35,235
208.41	9,426	30,391	208.93	9,572	35,330
208.42	9,428	30,485	208.94	9,575	35,426
208.43	9,431	30,579	208.95	9,578	35,522
208.44	9,434	30,674	208.96	9,581	35,618
208.45	9,437	30,768	208.97	9,584	35,713
208.46	9,440	30,862	208.98	9,586	35,809
208.47	9,443	30,957	208.99	9,589	35,905
208.48	9,445	31,051	209.00	9,592	36,001
208.49	9,448	31,146			
208.50	9,451	31,240			
208.51	9,454	31,335			
208.52	9,457	31,429			
208.53	9,459	31,524			
208.54	9,462	31,619			
208.55	9,465	31,713			
208.56	9,468	31,808			
208.57	9,471	31,903			
208.58	9,474	31,997			
208.59	9,476	32,092			
208.60	9,479	32,187			
208.61	9,482	32,282			
208.62	9,485	32,376			
208.63	9,488	32,471			

Summary for Pond B-39: Basin #39

Inflow Area = 1.884 ac, 41.56% Impervious, Inflow Depth = 2.06" for Future 2 yr event
 Inflow = 2.94 cfs @ 12.10 hrs, Volume= 0.323 af
 Outflow = 0.16 cfs @ 15.59 hrs, Volume= 0.271 af, Atten= 94%, Lag= 209.5 min
 Primary = 0.16 cfs @ 15.59 hrs, Volume= 0.271 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 202.24' @ 15.59 hrs Surf.Area= 7,362 sf Storage= 9,139 cf

Plug-Flow detention time= 647.2 min calculated for 0.271 af (84% of inflow)
 Center-of-Mass det. time= 573.1 min (1,412.4 - 839.3)

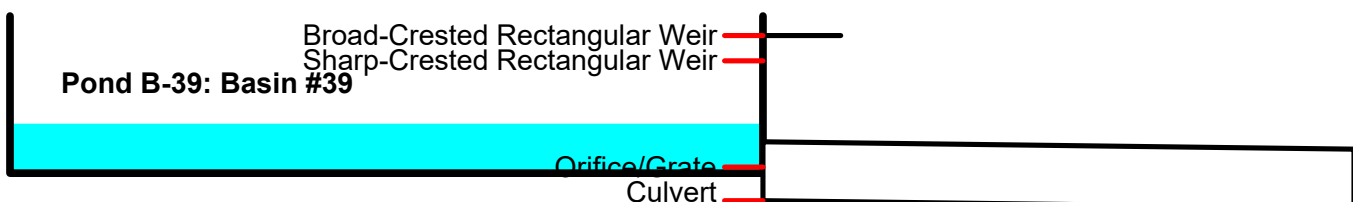
Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	29,448 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	7,362	0	0
202.00	7,362	7,362	7,362
203.00	7,362	7,362	14,724
204.00	7,362	7,362	22,086
205.00	7,362	7,362	29,448

Device	Routing	Invert	Outlet Devices
#1	Primary	200.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 200.30' / 200.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	201.15'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.86'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

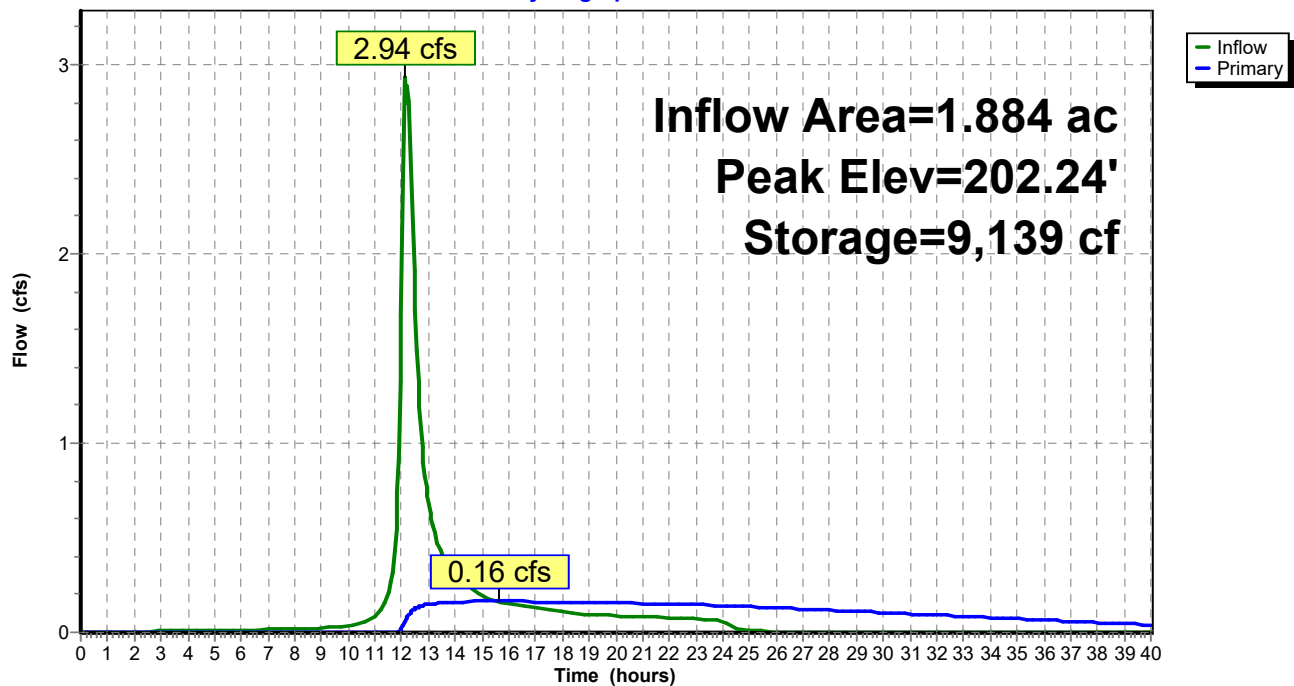
Primary OutFlow Max=0.16 cfs @ 15.59 hrs HW=202.24' (Free Discharge)

1=Culvert (Passes 0.16 cfs of 7.97 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 4.78 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-39: Basin #39

Hydrograph



Hydrograph for Pond B-39: Basin #39

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	0	201.00	0.00
0.60	0.00	0	201.00	0.00
0.70	0.00	0	201.00	0.00
0.80	0.00	0	201.00	0.00
0.90	0.00	0	201.00	0.00
1.00	0.00	0	201.00	0.00
1.10	0.00	0	201.00	0.00
1.20	0.00	0	201.00	0.00
1.30	0.00	1	201.00	0.00
1.40	0.00	1	201.00	0.00
1.50	0.00	2	201.00	0.00
1.60	0.00	2	201.00	0.00
1.70	0.00	3	201.00	0.00
1.80	0.00	4	201.00	0.00
1.90	0.00	5	201.00	0.00
2.00	0.00	6	201.00	0.00
2.10	0.00	8	201.00	0.00
2.20	0.00	9	201.00	0.00
2.30	0.00	10	201.00	0.00
2.40	0.00	12	201.00	0.00
2.50	0.00	13	201.00	0.00
2.60	0.00	15	201.00	0.00
2.70	0.01	17	201.00	0.00
2.80	0.01	19	201.00	0.00
2.90	0.01	21	201.00	0.00
3.00	0.01	23	201.00	0.00
3.10	0.01	25	201.00	0.00
3.20	0.01	27	201.00	0.00
3.30	0.01	30	201.00	0.00
3.40	0.01	32	201.00	0.00
3.50	0.01	34	201.00	0.00
3.60	0.01	37	201.01	0.00
3.70	0.01	39	201.01	0.00
3.80	0.01	42	201.01	0.00
3.90	0.01	45	201.01	0.00
4.00	0.01	47	201.01	0.00
4.10	0.01	50	201.01	0.00
4.20	0.01	53	201.01	0.00
4.30	0.01	56	201.01	0.00
4.40	0.01	59	201.01	0.00
4.50	0.01	62	201.01	0.00
4.60	0.01	65	201.01	0.00
4.70	0.01	69	201.01	0.00
4.80	0.01	72	201.01	0.00
4.90	0.01	75	201.01	0.00
5.00	0.01	79	201.01	0.00
5.10	0.01	82	201.01	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	85	201.01	0.00
5.30	0.01	89	201.01	0.00
5.40	0.01	93	201.01	0.00
5.50	0.01	96	201.01	0.00
5.60	0.01	100	201.01	0.00
5.70	0.01	104	201.01	0.00
5.80	0.01	107	201.01	0.00
5.90	0.01	111	201.02	0.00
6.00	0.01	115	201.02	0.00
6.10	0.01	119	201.02	0.00
6.20	0.01	123	201.02	0.00
6.30	0.01	128	201.02	0.00
6.40	0.01	132	201.02	0.00
6.50	0.01	136	201.02	0.00
6.60	0.01	141	201.02	0.00
6.70	0.01	146	201.02	0.00
6.80	0.01	151	201.02	0.00
6.90	0.01	156	201.02	0.00
7.00	0.01	161	201.02	0.00
7.10	0.01	166	201.02	0.00
7.20	0.02	171	201.02	0.00
7.30	0.02	177	201.02	0.00
7.40	0.02	182	201.02	0.00
7.50	0.02	188	201.03	0.00
7.60	0.02	194	201.03	0.00
7.70	0.02	200	201.03	0.00
7.80	0.02	206	201.03	0.00
7.90	0.02	213	201.03	0.00
8.00	0.02	219	201.03	0.00
8.10	0.02	225	201.03	0.00
8.20	0.02	232	201.03	0.00
8.30	0.02	239	201.03	0.00
8.40	0.02	246	201.03	0.00
8.50	0.02	253	201.03	0.00
8.60	0.02	260	201.04	0.00
8.70	0.02	267	201.04	0.00
8.80	0.02	275	201.04	0.00
8.90	0.02	282	201.04	0.00
9.00	0.02	290	201.04	0.00
9.10	0.02	298	201.04	0.00
9.20	0.02	307	201.04	0.00
9.30	0.03	316	201.04	0.00
9.40	0.03	325	201.04	0.00
9.50	0.03	335	201.05	0.00
9.60	0.03	345	201.05	0.00
9.70	0.03	356	201.05	0.00
9.80	0.03	367	201.05	0.00
9.90	0.03	378	201.05	0.00
10.00	0.03	391	201.05	0.00
10.10	0.04	403	201.05	0.00
10.20	0.04	416	201.06	0.00
10.30	0.04	430	201.06	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.04	444	201.06	0.00
10.50	0.05	460	201.06	0.00
10.60	0.05	478	201.06	0.00
10.70	0.06	498	201.07	0.00
10.80	0.07	521	201.07	0.00
10.90	0.08	547	201.07	0.00
11.00	0.09	577	201.08	0.00
11.10	0.10	611	201.08	0.00
11.20	0.12	651	201.09	0.00
11.30	0.14	697	201.09	0.00
11.40	0.16	751	201.10	0.00
11.50	0.18	812	201.11	0.00
11.60	0.26	894	201.12	0.00
11.70	0.31	996	201.14	0.00
11.80	0.54	1,151	201.16	0.00
11.90	0.92	1,415	201.19	0.00
12.00	1.68	1,884	201.26	0.02
12.10	2.94	2,718	201.37	0.06
12.20	2.89	3,721	201.51	0.08
12.30	2.74	4,713	201.64	0.10
12.40	2.17	5,557	201.75	0.12
12.50	1.71	6,206	201.84	0.13
12.60	1.33	6,701	201.91	0.13
12.70	1.08	7,084	201.96	0.14
12.80	0.90	7,388	202.00	0.14
12.90	0.77	7,635	202.04	0.15
13.00	0.68	7,841	202.07	0.15
13.10	0.60	8,017	202.09	0.15
13.20	0.54	8,167	202.11	0.15
13.30	0.49	8,297	202.13	0.15
13.40	0.45	8,409	202.14	0.15
13.50	0.41	8,506	202.16	0.16
13.60	0.37	8,590	202.17	0.16
13.70	0.34	8,662	202.18	0.16
13.80	0.32	8,724	202.18	0.16
13.90	0.30	8,779	202.19	0.16
14.00	0.29	8,828	202.20	0.16
14.10	0.28	8,873	202.21	0.16
14.20	0.27	8,913	202.21	0.16
14.30	0.26	8,950	202.22	0.16
14.40	0.25	8,983	202.22	0.16
14.50	0.24	9,013	202.22	0.16
14.60	0.23	9,039	202.23	0.16
14.70	0.22	9,062	202.23	0.16
14.80	0.21	9,082	202.23	0.16
14.90	0.20	9,099	202.24	0.16
15.00	0.20	9,112	202.24	0.16
15.10	0.19	9,122	202.24	0.16
15.20	0.18	9,129	202.24	0.16
15.30	0.17	9,134	202.24	0.16
15.40	0.17	9,137	202.24	0.16
15.50	0.17	9,139	202.24	0.16

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	9,139	202.24	0.16
15.70	0.16	9,138	202.24	0.16
15.80	0.16	9,137	202.24	0.16
15.90	0.15	9,134	202.24	0.16
16.00	0.15	9,131	202.24	0.16
16.10	0.15	9,127	202.24	0.16
16.20	0.15	9,121	202.24	0.16
16.30	0.15	9,115	202.24	0.16
16.40	0.14	9,109	202.24	0.16
16.50	0.14	9,101	202.24	0.16
16.60	0.14	9,093	202.24	0.16
16.70	0.14	9,083	202.23	0.16
16.80	0.13	9,073	202.23	0.16
16.90	0.13	9,062	202.23	0.16
17.00	0.13	9,051	202.23	0.16
17.10	0.13	9,038	202.23	0.16
17.20	0.12	9,025	202.23	0.16
17.30	0.12	9,011	202.22	0.16
17.40	0.12	8,996	202.22	0.16
17.50	0.12	8,981	202.22	0.16
17.60	0.11	8,964	202.22	0.16
17.70	0.11	8,947	202.22	0.16
17.80	0.11	8,929	202.21	0.16
17.90	0.11	8,911	202.21	0.16
18.00	0.11	8,892	202.21	0.16
18.10	0.10	8,871	202.21	0.16
18.20	0.10	8,851	202.20	0.16
18.30	0.10	8,829	202.20	0.16
18.40	0.10	8,807	202.20	0.16
18.50	0.10	8,785	202.19	0.16
18.60	0.10	8,763	202.19	0.16
18.70	0.10	8,740	202.19	0.16
18.80	0.09	8,718	202.18	0.16
18.90	0.09	8,695	202.18	0.16
19.00	0.09	8,672	202.18	0.16
19.10	0.09	8,649	202.17	0.16
19.20	0.09	8,625	202.17	0.16
19.30	0.09	8,602	202.17	0.16
19.40	0.09	8,579	202.17	0.16
19.50	0.09	8,555	202.16	0.16
19.60	0.09	8,531	202.16	0.16
19.70	0.09	8,507	202.16	0.16
19.80	0.09	8,483	202.15	0.16
19.90	0.09	8,459	202.15	0.16
20.00	0.09	8,435	202.15	0.15
20.10	0.09	8,411	202.14	0.15
20.20	0.09	8,387	202.14	0.15
20.30	0.09	8,362	202.14	0.15
20.40	0.09	8,338	202.13	0.15
20.50	0.08	8,313	202.13	0.15
20.60	0.08	8,288	202.13	0.15
20.70	0.08	8,263	202.12	0.15

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	8,239	202.12	0.15
20.90	0.08	8,213	202.12	0.15
21.00	0.08	8,188	202.11	0.15
21.10	0.08	8,163	202.11	0.15
21.20	0.08	8,138	202.11	0.15
21.30	0.08	8,112	202.10	0.15
21.40	0.08	8,087	202.10	0.15
21.50	0.08	8,061	202.09	0.15
21.60	0.08	8,035	202.09	0.15
21.70	0.08	8,009	202.09	0.15
21.80	0.08	7,983	202.08	0.15
21.90	0.08	7,957	202.08	0.15
22.00	0.08	7,931	202.08	0.15
22.10	0.08	7,905	202.07	0.15
22.20	0.08	7,879	202.07	0.15
22.30	0.07	7,852	202.07	0.15
22.40	0.07	7,826	202.06	0.15
22.50	0.07	7,799	202.06	0.15
22.60	0.07	7,773	202.06	0.15
22.70	0.07	7,746	202.05	0.15
22.80	0.07	7,719	202.05	0.15
22.90	0.07	7,692	202.04	0.15
23.00	0.07	7,665	202.04	0.15
23.10	0.07	7,638	202.04	0.15
23.20	0.07	7,611	202.03	0.14
23.30	0.07	7,583	202.03	0.14
23.40	0.07	7,556	202.03	0.14
23.50	0.07	7,528	202.02	0.14
23.60	0.07	7,501	202.02	0.14
23.70	0.07	7,473	202.02	0.14
23.80	0.07	7,446	202.01	0.14
23.90	0.07	7,418	202.01	0.14
24.00	0.07	7,390	202.00	0.14
24.10	0.05	7,361	202.00	0.14
24.20	0.04	7,328	202.00	0.14
24.30	0.03	7,290	201.99	0.14
24.40	0.02	7,248	201.98	0.14
24.50	0.01	7,203	201.98	0.14
24.60	0.01	7,158	201.97	0.14
24.70	0.01	7,112	201.97	0.14
24.80	0.01	7,065	201.96	0.14
24.90	0.01	7,019	201.95	0.14
25.00	0.01	6,972	201.95	0.14
25.10	0.01	6,925	201.94	0.14
25.20	0.01	6,878	201.93	0.14
25.30	0.00	6,831	201.93	0.13
25.40	0.00	6,785	201.92	0.13
25.50	0.00	6,738	201.92	0.13
25.60	0.00	6,692	201.91	0.13
25.70	0.00	6,645	201.90	0.13
25.80	0.00	6,599	201.90	0.13
25.90	0.00	6,553	201.89	0.13

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,507	201.88	0.13
26.10	0.00	6,462	201.88	0.13
26.20	0.00	6,416	201.87	0.13
26.30	0.00	6,371	201.87	0.13
26.40	0.00	6,325	201.86	0.13
26.50	0.00	6,280	201.85	0.13
26.60	0.00	6,236	201.85	0.13
26.70	0.00	6,191	201.84	0.13
26.80	0.00	6,146	201.83	0.13
26.90	0.00	6,102	201.83	0.12
27.00	0.00	6,058	201.82	0.12
27.10	0.00	6,014	201.82	0.12
27.20	0.00	5,970	201.81	0.12
27.30	0.00	5,927	201.81	0.12
27.40	0.00	5,883	201.80	0.12
27.50	0.00	5,840	201.79	0.12
27.60	0.00	5,797	201.79	0.12
27.70	0.00	5,755	201.78	0.12
27.80	0.00	5,712	201.78	0.12
27.90	0.00	5,670	201.77	0.12
28.00	0.00	5,628	201.76	0.12
28.10	0.00	5,586	201.76	0.12
28.20	0.00	5,545	201.75	0.12
28.30	0.00	5,503	201.75	0.12
28.40	0.00	5,462	201.74	0.11
28.50	0.00	5,421	201.74	0.11
28.60	0.00	5,380	201.73	0.11
28.70	0.00	5,340	201.73	0.11
28.80	0.00	5,300	201.72	0.11
28.90	0.00	5,259	201.71	0.11
29.00	0.00	5,220	201.71	0.11
29.10	0.00	5,180	201.70	0.11
29.20	0.00	5,141	201.70	0.11
29.30	0.00	5,102	201.69	0.11
29.40	0.00	5,063	201.69	0.11
29.50	0.00	5,024	201.68	0.11
29.60	0.00	4,985	201.68	0.11
29.70	0.00	4,947	201.67	0.11
29.80	0.00	4,909	201.67	0.11
29.90	0.00	4,872	201.66	0.10
30.00	0.00	4,834	201.66	0.10
30.10	0.00	4,797	201.65	0.10
30.20	0.00	4,760	201.65	0.10
30.30	0.00	4,723	201.64	0.10
30.40	0.00	4,686	201.64	0.10
30.50	0.00	4,650	201.63	0.10
30.60	0.00	4,614	201.63	0.10
30.70	0.00	4,578	201.62	0.10
30.80	0.00	4,542	201.62	0.10
30.90	0.00	4,507	201.61	0.10
31.00	0.00	4,472	201.61	0.10
31.10	0.00	4,437	201.60	0.10

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,402	201.60	0.10
31.30	0.00	4,367	201.59	0.10
31.40	0.00	4,333	201.59	0.09
31.50	0.00	4,299	201.58	0.09
31.60	0.00	4,265	201.58	0.09
31.70	0.00	4,232	201.57	0.09
31.80	0.00	4,198	201.57	0.09
31.90	0.00	4,165	201.57	0.09
32.00	0.00	4,133	201.56	0.09
32.10	0.00	4,100	201.56	0.09
32.20	0.00	4,068	201.55	0.09
32.30	0.00	4,035	201.55	0.09
32.40	0.00	4,004	201.54	0.09
32.50	0.00	3,972	201.54	0.09
32.60	0.00	3,940	201.54	0.09
32.70	0.00	3,909	201.53	0.09
32.80	0.00	3,878	201.53	0.09
32.90	0.00	3,848	201.52	0.09
33.00	0.00	3,817	201.52	0.08
33.10	0.00	3,787	201.51	0.08
33.20	0.00	3,757	201.51	0.08
33.30	0.00	3,727	201.51	0.08
33.40	0.00	3,698	201.50	0.08
33.50	0.00	3,668	201.50	0.08
33.60	0.00	3,639	201.49	0.08
33.70	0.00	3,610	201.49	0.08
33.80	0.00	3,582	201.49	0.08
33.90	0.00	3,554	201.48	0.08
34.00	0.00	3,525	201.48	0.08
34.10	0.00	3,498	201.48	0.08
34.20	0.00	3,470	201.47	0.08
34.30	0.00	3,443	201.47	0.08
34.40	0.00	3,415	201.46	0.08
34.50	0.00	3,388	201.46	0.07
34.60	0.00	3,362	201.46	0.07
34.70	0.00	3,335	201.45	0.07
34.80	0.00	3,309	201.45	0.07
34.90	0.00	3,283	201.45	0.07
35.00	0.00	3,257	201.44	0.07
35.10	0.00	3,232	201.44	0.07
35.20	0.00	3,207	201.44	0.07
35.30	0.00	3,182	201.43	0.07
35.40	0.00	3,157	201.43	0.07
35.50	0.00	3,132	201.43	0.07
35.60	0.00	3,108	201.42	0.07
35.70	0.00	3,084	201.42	0.07
35.80	0.00	3,060	201.42	0.07
35.90	0.00	3,037	201.41	0.07
36.00	0.00	3,013	201.41	0.06
36.10	0.00	2,990	201.41	0.06
36.20	0.00	2,967	201.40	0.06
36.30	0.00	2,944	201.40	0.06

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,922	201.40	0.06
36.50	0.00	2,900	201.39	0.06
36.60	0.00	2,878	201.39	0.06
36.70	0.00	2,856	201.39	0.06
36.80	0.00	2,835	201.39	0.06
36.90	0.00	2,814	201.38	0.06
37.00	0.00	2,793	201.38	0.06
37.10	0.00	2,772	201.38	0.06
37.20	0.00	2,751	201.37	0.06
37.30	0.00	2,731	201.37	0.06
37.40	0.00	2,711	201.37	0.06
37.50	0.00	2,691	201.37	0.05
37.60	0.00	2,672	201.36	0.05
37.70	0.00	2,652	201.36	0.05
37.80	0.00	2,633	201.36	0.05
37.90	0.00	2,614	201.36	0.05
38.00	0.00	2,596	201.35	0.05
38.10	0.00	2,578	201.35	0.05
38.20	0.00	2,560	201.35	0.05
38.30	0.00	2,542	201.35	0.05
38.40	0.00	2,524	201.34	0.05
38.50	0.00	2,507	201.34	0.05
38.60	0.00	2,490	201.34	0.05
38.70	0.00	2,473	201.34	0.05
38.80	0.00	2,456	201.33	0.05
38.90	0.00	2,440	201.33	0.05
39.00	0.00	2,424	201.33	0.04
39.10	0.00	2,408	201.33	0.04
39.20	0.00	2,392	201.32	0.04
39.30	0.00	2,377	201.32	0.04
39.40	0.00	2,362	201.32	0.04
39.50	0.00	2,347	201.32	0.04
39.60	0.00	2,332	201.32	0.04
39.70	0.00	2,317	201.31	0.04
39.80	0.00	2,303	201.31	0.04
39.90	0.00	2,289	201.31	0.04
40.00	0.00	2,275	201.31	0.04

Stage-Discharge for Pond B-39: Basin #39

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.00	0.00	201.52	0.08	202.04	0.15	202.56	0.19
201.01	0.00	201.53	0.09	202.05	0.15	202.57	0.19
201.02	0.00	201.54	0.09	202.06	0.15	202.58	0.19
201.03	0.00	201.55	0.09	202.07	0.15	202.59	0.19
201.04	0.00	201.56	0.09	202.08	0.15	202.60	0.19
201.05	0.00	201.57	0.09	202.09	0.15	202.61	0.19
201.06	0.00	201.58	0.09	202.10	0.15	202.62	0.19
201.07	0.00	201.59	0.10	202.11	0.15	202.63	0.19
201.08	0.00	201.60	0.10	202.12	0.15	202.64	0.19
201.09	0.00	201.61	0.10	202.13	0.15	202.65	0.19
201.10	0.00	201.62	0.10	202.14	0.15	202.66	0.19
201.11	0.00	201.63	0.10	202.15	0.16	202.67	0.20
201.12	0.00	201.64	0.10	202.16	0.16	202.68	0.20
201.13	0.00	201.65	0.10	202.17	0.16	202.69	0.20
201.14	0.00	201.66	0.10	202.18	0.16	202.70	0.20
201.15	0.00	201.67	0.11	202.19	0.16	202.71	0.20
201.16	0.00	201.68	0.11	202.20	0.16	202.72	0.20
201.17	0.00	201.69	0.11	202.21	0.16	202.73	0.20
201.18	0.00	201.70	0.11	202.22	0.16	202.74	0.20
201.19	0.00	201.71	0.11	202.23	0.16	202.75	0.20
201.20	0.00	201.72	0.11	202.24	0.16	202.76	0.20
201.21	0.01	201.73	0.11	202.25	0.16	202.77	0.20
201.22	0.01	201.74	0.11	202.26	0.16	202.78	0.20
201.23	0.01	201.75	0.12	202.27	0.17	202.79	0.20
201.24	0.01	201.76	0.12	202.28	0.17	202.80	0.20
201.25	0.02	201.77	0.12	202.29	0.17	202.81	0.20
201.26	0.02	201.78	0.12	202.30	0.17	202.82	0.21
201.27	0.02	201.79	0.12	202.31	0.17	202.83	0.21
201.28	0.03	201.80	0.12	202.32	0.17	202.84	0.21
201.29	0.03	201.81	0.12	202.33	0.17	202.85	0.21
201.30	0.03	201.82	0.12	202.34	0.17	202.86	0.21
201.31	0.04	201.83	0.12	202.35	0.17	202.87	0.21
201.32	0.04	201.84	0.13	202.36	0.17	202.88	0.21
201.33	0.05	201.85	0.13	202.37	0.17	202.89	0.21
201.34	0.05	201.86	0.13	202.38	0.17	202.90	0.21
201.35	0.05	201.87	0.13	202.39	0.17	202.91	0.21
201.36	0.05	201.88	0.13	202.40	0.18	202.92	0.21
201.37	0.06	201.89	0.13	202.41	0.18	202.93	0.21
201.38	0.06	201.90	0.13	202.42	0.18	202.94	0.21
201.39	0.06	201.91	0.13	202.43	0.18	202.95	0.21
201.40	0.06	201.92	0.13	202.44	0.18	202.96	0.21
201.41	0.06	201.93	0.13	202.45	0.18	202.97	0.22
201.42	0.07	201.94	0.14	202.46	0.18	202.98	0.22
201.43	0.07	201.95	0.14	202.47	0.18	202.99	0.22
201.44	0.07	201.96	0.14	202.48	0.18	203.00	0.22
201.45	0.07	201.97	0.14	202.49	0.18	203.01	0.22
201.46	0.07	201.98	0.14	202.50	0.18	203.02	0.22
201.47	0.08	201.99	0.14	202.51	0.18	203.03	0.22
201.48	0.08	202.00	0.14	202.52	0.18	203.04	0.22
201.49	0.08	202.01	0.14	202.53	0.19	203.05	0.22
201.50	0.08	202.02	0.14	202.54	0.19	203.06	0.22
201.51	0.08	202.03	0.14	202.55	0.19	203.07	0.22

Stage-Discharge for Pond B-39: Basin #39 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.22	203.60	0.25	204.12	1.99	204.64	15.13
203.09	0.22	203.61	0.25	204.13	2.09	204.65	15.97
203.10	0.22	203.62	0.25	204.14	2.19	204.66	16.83
203.11	0.22	203.63	0.25	204.15	2.29	204.67	17.72
203.12	0.22	203.64	0.25	204.16	2.40	204.68	18.63
203.13	0.22	203.65	0.25	204.17	2.50	204.69	19.56
203.14	0.23	203.66	0.25	204.18	2.61	204.70	20.52
203.15	0.23	203.67	0.26	204.19	2.72	204.71	21.53
203.16	0.23	203.68	0.26	204.20	2.83	204.72	22.57
203.17	0.23	203.69	0.26	204.21	2.94	204.73	23.64
203.18	0.23	203.70	0.26	204.22	3.06	204.74	24.73
203.19	0.23	203.71	0.26	204.23	3.17	204.75	25.85
203.20	0.23	203.72	0.26	204.24	3.29	204.76	27.00
203.21	0.23	203.73	0.26	204.25	3.41	204.77	28.17
203.22	0.23	203.74	0.26	204.26	3.53	204.78	29.37
203.23	0.23	203.75	0.26	204.27	3.65	204.79	30.59
203.24	0.23	203.76	0.26	204.28	3.77	204.80	31.84
203.25	0.23	203.77	0.26	204.29	3.89	204.81	33.11
203.26	0.23	203.78	0.26	204.30	4.02	204.82	34.41
203.27	0.23	203.79	0.26	204.31	4.15	204.83	35.73
203.28	0.23	203.80	0.26	204.32	4.27	204.84	37.08
203.29	0.23	203.81	0.26	204.33	4.40	204.85	38.45
203.30	0.23	203.82	0.26	204.34	4.53	204.86	39.85
203.31	0.24	203.83	0.26	204.35	4.67	204.87	41.28
203.32	0.24	203.84	0.26	204.36	4.80	204.88	42.72
203.33	0.24	203.85	0.26	204.37	4.93	204.89	44.20
203.34	0.24	203.86	0.26	204.38	5.07	204.90	45.69
203.35	0.24	203.87	0.28	204.39	5.20	204.91	47.24
203.36	0.24	203.88	0.30	204.40	5.34	204.92	48.82
203.37	0.24	203.89	0.33	204.41	5.48	204.93	50.42
203.38	0.24	203.90	0.37	204.42	5.62	204.94	52.05
203.39	0.24	203.91	0.41	204.43	5.76	204.95	53.71
203.40	0.24	203.92	0.46	204.44	5.90	204.96	55.39
203.41	0.24	203.93	0.51	204.45	6.05	204.97	57.10
203.42	0.24	203.94	0.56	204.46	6.19	204.98	58.84
203.43	0.24	203.95	0.62	204.47	6.34	204.99	60.60
203.44	0.24	203.96	0.68	204.48	6.48	205.00	62.40
203.45	0.24	203.97	0.75	204.49	6.63		
203.46	0.24	203.98	0.81	204.50	6.78		
203.47	0.24	203.99	0.88	204.51	7.04		
203.48	0.24	204.00	0.95	204.52	7.41		
203.49	0.25	204.01	1.03	204.53	7.84		
203.50	0.25	204.02	1.10	204.54	8.32		
203.51	0.25	204.03	1.18	204.55	8.85		
203.52	0.25	204.04	1.26	204.56	9.42		
203.53	0.25	204.05	1.35	204.57	10.02		
203.54	0.25	204.06	1.43	204.58	10.66		
203.55	0.25	204.07	1.52	204.59	11.33		
203.56	0.25	204.08	1.61	204.60	12.04		
203.57	0.25	204.09	1.70	204.61	12.77		
203.58	0.25	204.10	1.80	204.62	13.53		
203.59	0.25	204.11	1.89	204.63	14.32		

Stage-Area-Storage for Pond B-39: Basin #39

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	7,362	0	201.52	7,362	3,828
201.01	7,362	74	201.53	7,362	3,902
201.02	7,362	147	201.54	7,362	3,975
201.03	7,362	221	201.55	7,362	4,049
201.04	7,362	294	201.56	7,362	4,123
201.05	7,362	368	201.57	7,362	4,196
201.06	7,362	442	201.58	7,362	4,270
201.07	7,362	515	201.59	7,362	4,344
201.08	7,362	589	201.60	7,362	4,417
201.09	7,362	663	201.61	7,362	4,491
201.10	7,362	736	201.62	7,362	4,564
201.11	7,362	810	201.63	7,362	4,638
201.12	7,362	883	201.64	7,362	4,712
201.13	7,362	957	201.65	7,362	4,785
201.14	7,362	1,031	201.66	7,362	4,859
201.15	7,362	1,104	201.67	7,362	4,933
201.16	7,362	1,178	201.68	7,362	5,006
201.17	7,362	1,252	201.69	7,362	5,080
201.18	7,362	1,325	201.70	7,362	5,153
201.19	7,362	1,399	201.71	7,362	5,227
201.20	7,362	1,472	201.72	7,362	5,301
201.21	7,362	1,546	201.73	7,362	5,374
201.22	7,362	1,620	201.74	7,362	5,448
201.23	7,362	1,693	201.75	7,362	5,522
201.24	7,362	1,767	201.76	7,362	5,595
201.25	7,362	1,841	201.77	7,362	5,669
201.26	7,362	1,914	201.78	7,362	5,742
201.27	7,362	1,988	201.79	7,362	5,816
201.28	7,362	2,061	201.80	7,362	5,890
201.29	7,362	2,135	201.81	7,362	5,963
201.30	7,362	2,209	201.82	7,362	6,037
201.31	7,362	2,282	201.83	7,362	6,110
201.32	7,362	2,356	201.84	7,362	6,184
201.33	7,362	2,429	201.85	7,362	6,258
201.34	7,362	2,503	201.86	7,362	6,331
201.35	7,362	2,577	201.87	7,362	6,405
201.36	7,362	2,650	201.88	7,362	6,479
201.37	7,362	2,724	201.89	7,362	6,552
201.38	7,362	2,798	201.90	7,362	6,626
201.39	7,362	2,871	201.91	7,362	6,699
201.40	7,362	2,945	201.92	7,362	6,773
201.41	7,362	3,018	201.93	7,362	6,847
201.42	7,362	3,092	201.94	7,362	6,920
201.43	7,362	3,166	201.95	7,362	6,994
201.44	7,362	3,239	201.96	7,362	7,068
201.45	7,362	3,313	201.97	7,362	7,141
201.46	7,362	3,387	201.98	7,362	7,215
201.47	7,362	3,460	201.99	7,362	7,288
201.48	7,362	3,534	202.00	7,362	7,362
201.49	7,362	3,607	202.01	7,362	7,436
201.50	7,362	3,681	202.02	7,362	7,509
201.51	7,362	3,755	202.03	7,362	7,583

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	7,362	7,656	202.56	7,362	11,485
202.05	7,362	7,730	202.57	7,362	11,558
202.06	7,362	7,804	202.58	7,362	11,632
202.07	7,362	7,877	202.59	7,362	11,706
202.08	7,362	7,951	202.60	7,362	11,779
202.09	7,362	8,025	202.61	7,362	11,853
202.10	7,362	8,098	202.62	7,362	11,926
202.11	7,362	8,172	202.63	7,362	12,000
202.12	7,362	8,245	202.64	7,362	12,074
202.13	7,362	8,319	202.65	7,362	12,147
202.14	7,362	8,393	202.66	7,362	12,221
202.15	7,362	8,466	202.67	7,362	12,295
202.16	7,362	8,540	202.68	7,362	12,368
202.17	7,362	8,614	202.69	7,362	12,442
202.18	7,362	8,687	202.70	7,362	12,515
202.19	7,362	8,761	202.71	7,362	12,589
202.20	7,362	8,834	202.72	7,362	12,663
202.21	7,362	8,908	202.73	7,362	12,736
202.22	7,362	8,982	202.74	7,362	12,810
202.23	7,362	9,055	202.75	7,362	12,884
202.24	7,362	9,129	202.76	7,362	12,957
202.25	7,362	9,203	202.77	7,362	13,031
202.26	7,362	9,276	202.78	7,362	13,104
202.27	7,362	9,350	202.79	7,362	13,178
202.28	7,362	9,423	202.80	7,362	13,252
202.29	7,362	9,497	202.81	7,362	13,325
202.30	7,362	9,571	202.82	7,362	13,399
202.31	7,362	9,644	202.83	7,362	13,472
202.32	7,362	9,718	202.84	7,362	13,546
202.33	7,362	9,791	202.85	7,362	13,620
202.34	7,362	9,865	202.86	7,362	13,693
202.35	7,362	9,939	202.87	7,362	13,767
202.36	7,362	10,012	202.88	7,362	13,841
202.37	7,362	10,086	202.89	7,362	13,914
202.38	7,362	10,160	202.90	7,362	13,988
202.39	7,362	10,233	202.91	7,362	14,061
202.40	7,362	10,307	202.92	7,362	14,135
202.41	7,362	10,380	202.93	7,362	14,209
202.42	7,362	10,454	202.94	7,362	14,282
202.43	7,362	10,528	202.95	7,362	14,356
202.44	7,362	10,601	202.96	7,362	14,430
202.45	7,362	10,675	202.97	7,362	14,503
202.46	7,362	10,749	202.98	7,362	14,577
202.47	7,362	10,822	202.99	7,362	14,650
202.48	7,362	10,896	203.00	7,362	14,724
202.49	7,362	10,969	203.01	7,362	14,798
202.50	7,362	11,043	203.02	7,362	14,871
202.51	7,362	11,117	203.03	7,362	14,945
202.52	7,362	11,190	203.04	7,362	15,018
202.53	7,362	11,264	203.05	7,362	15,092
202.54	7,362	11,337	203.06	7,362	15,166
202.55	7,362	11,411	203.07	7,362	15,239

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	7,362	15,313	203.60	7,362	19,141
203.09	7,362	15,387	203.61	7,362	19,215
203.10	7,362	15,460	203.62	7,362	19,288
203.11	7,362	15,534	203.63	7,362	19,362
203.12	7,362	15,607	203.64	7,362	19,436
203.13	7,362	15,681	203.65	7,362	19,509
203.14	7,362	15,755	203.66	7,362	19,583
203.15	7,362	15,828	203.67	7,362	19,657
203.16	7,362	15,902	203.68	7,362	19,730
203.17	7,362	15,976	203.69	7,362	19,804
203.18	7,362	16,049	203.70	7,362	19,877
203.19	7,362	16,123	203.71	7,362	19,951
203.20	7,362	16,196	203.72	7,362	20,025
203.21	7,362	16,270	203.73	7,362	20,098
203.22	7,362	16,344	203.74	7,362	20,172
203.23	7,362	16,417	203.75	7,362	20,246
203.24	7,362	16,491	203.76	7,362	20,319
203.25	7,362	16,565	203.77	7,362	20,393
203.26	7,362	16,638	203.78	7,362	20,466
203.27	7,362	16,712	203.79	7,362	20,540
203.28	7,362	16,785	203.80	7,362	20,614
203.29	7,362	16,859	203.81	7,362	20,687
203.30	7,362	16,933	203.82	7,362	20,761
203.31	7,362	17,006	203.83	7,362	20,834
203.32	7,362	17,080	203.84	7,362	20,908
203.33	7,362	17,153	203.85	7,362	20,982
203.34	7,362	17,227	203.86	7,362	21,055
203.35	7,362	17,301	203.87	7,362	21,129
203.36	7,362	17,374	203.88	7,362	21,203
203.37	7,362	17,448	203.89	7,362	21,276
203.38	7,362	17,522	203.90	7,362	21,350
203.39	7,362	17,595	203.91	7,362	21,423
203.40	7,362	17,669	203.92	7,362	21,497
203.41	7,362	17,742	203.93	7,362	21,571
203.42	7,362	17,816	203.94	7,362	21,644
203.43	7,362	17,890	203.95	7,362	21,718
203.44	7,362	17,963	203.96	7,362	21,792
203.45	7,362	18,037	203.97	7,362	21,865
203.46	7,362	18,111	203.98	7,362	21,939
203.47	7,362	18,184	203.99	7,362	22,012
203.48	7,362	18,258	204.00	7,362	22,086
203.49	7,362	18,331	204.01	7,362	22,160
203.50	7,362	18,405	204.02	7,362	22,233
203.51	7,362	18,479	204.03	7,362	22,307
203.52	7,362	18,552	204.04	7,362	22,380
203.53	7,362	18,626	204.05	7,362	22,454
203.54	7,362	18,699	204.06	7,362	22,528
203.55	7,362	18,773	204.07	7,362	22,601
203.56	7,362	18,847	204.08	7,362	22,675
203.57	7,362	18,920	204.09	7,362	22,749
203.58	7,362	18,994	204.10	7,362	22,822
203.59	7,362	19,068	204.11	7,362	22,896

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	7,362	22,969	204.64	7,362	26,798
204.13	7,362	23,043	204.65	7,362	26,871
204.14	7,362	23,117	204.66	7,362	26,945
204.15	7,362	23,190	204.67	7,362	27,019
204.16	7,362	23,264	204.68	7,362	27,092
204.17	7,362	23,338	204.69	7,362	27,166
204.18	7,362	23,411	204.70	7,362	27,239
204.19	7,362	23,485	204.71	7,362	27,313
204.20	7,362	23,558	204.72	7,362	27,387
204.21	7,362	23,632	204.73	7,362	27,460
204.22	7,362	23,706	204.74	7,362	27,534
204.23	7,362	23,779	204.75	7,362	27,608
204.24	7,362	23,853	204.76	7,362	27,681
204.25	7,362	23,927	204.77	7,362	27,755
204.26	7,362	24,000	204.78	7,362	27,828
204.27	7,362	24,074	204.79	7,362	27,902
204.28	7,362	24,147	204.80	7,362	27,976
204.29	7,362	24,221	204.81	7,362	28,049
204.30	7,362	24,295	204.82	7,362	28,123
204.31	7,362	24,368	204.83	7,362	28,196
204.32	7,362	24,442	204.84	7,362	28,270
204.33	7,362	24,515	204.85	7,362	28,344
204.34	7,362	24,589	204.86	7,362	28,417
204.35	7,362	24,663	204.87	7,362	28,491
204.36	7,362	24,736	204.88	7,362	28,565
204.37	7,362	24,810	204.89	7,362	28,638
204.38	7,362	24,884	204.90	7,362	28,712
204.39	7,362	24,957	204.91	7,362	28,785
204.40	7,362	25,031	204.92	7,362	28,859
204.41	7,362	25,104	204.93	7,362	28,933
204.42	7,362	25,178	204.94	7,362	29,006
204.43	7,362	25,252	204.95	7,362	29,080
204.44	7,362	25,325	204.96	7,362	29,154
204.45	7,362	25,399	204.97	7,362	29,227
204.46	7,362	25,473	204.98	7,362	29,301
204.47	7,362	25,546	204.99	7,362	29,374
204.48	7,362	25,620	205.00	7,362	29,448
204.49	7,362	25,693			
204.50	7,362	25,767			
204.51	7,362	25,841			
204.52	7,362	25,914			
204.53	7,362	25,988			
204.54	7,362	26,061			
204.55	7,362	26,135			
204.56	7,362	26,209			
204.57	7,362	26,282			
204.58	7,362	26,356			
204.59	7,362	26,430			
204.60	7,362	26,503			
204.61	7,362	26,577			
204.62	7,362	26,650			
204.63	7,362	26,724			

Summary for Pond B-40: Basin #40

Inflow Area = 1.888 ac, 47.19% Impervious, Inflow Depth = 2.18" for Future 2 yr event
 Inflow = 3.27 cfs @ 12.12 hrs, Volume= 0.343 af
 Outflow = 0.18 cfs @ 15.30 hrs, Volume= 0.288 af, Atten= 95%, Lag= 190.6 min
 Primary = 0.18 cfs @ 15.30 hrs, Volume= 0.288 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.50' @ 15.30 hrs Surf.Area= 6,787 sf Storage= 9,751 cf

Plug-Flow detention time= 642.2 min calculated for 0.288 af (84% of inflow)
 Center-of-Mass det. time= 567.8 min (1,398.8 - 831.0)

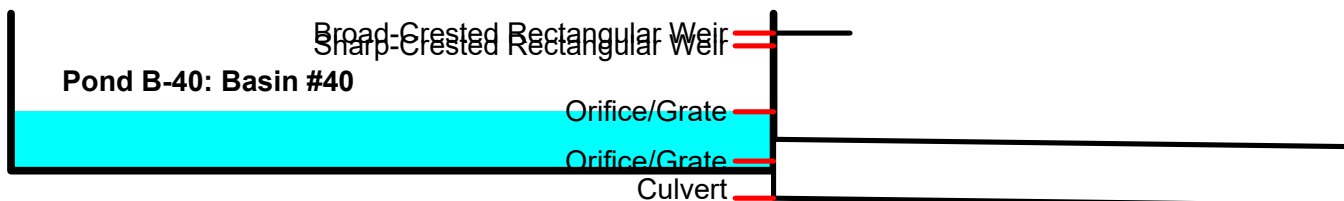
Volume	Invert	Avail.Storage	Storage Description
#1	202.00'	27,978 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
202.00	6,191	0	0
203.00	6,584	6,388	6,388
204.00	6,987	6,786	13,173
205.00	7,406	7,197	20,370
206.00	7,810	7,608	27,978

Device	Routing	Invert	Outlet Devices
#1	Primary	201.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 201.30' / 201.11' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.24'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	15.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	205.18'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

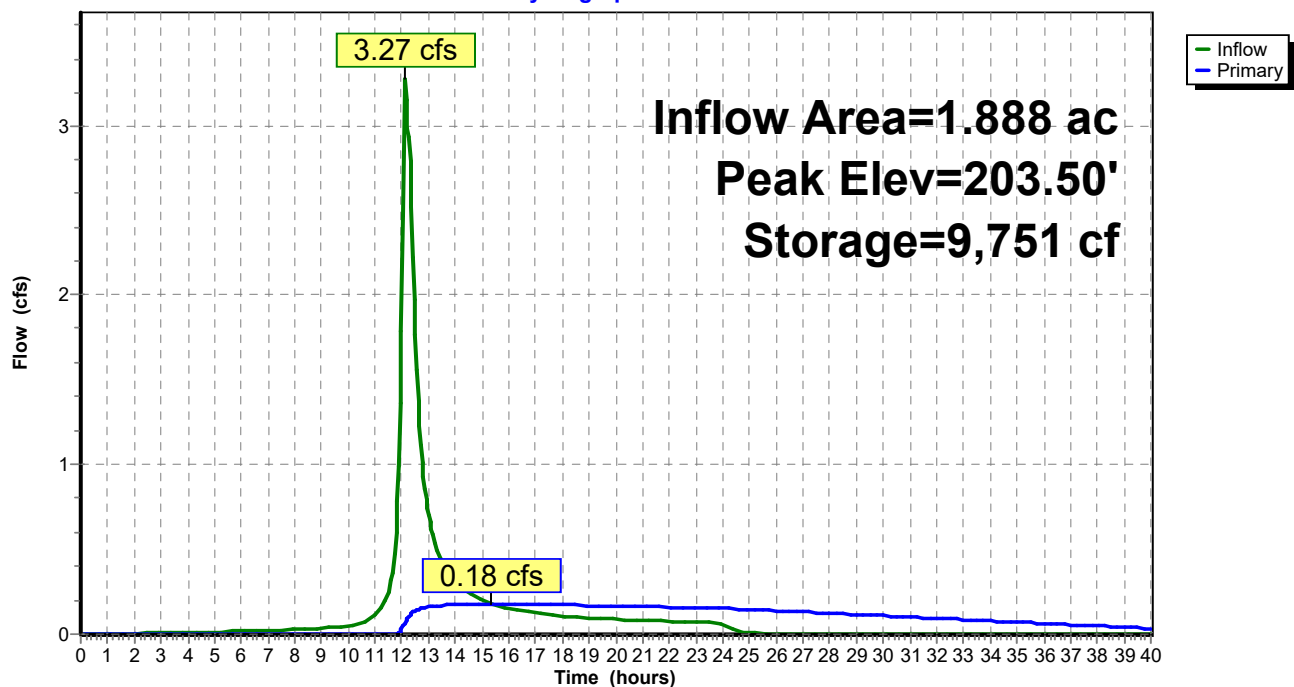
Primary OutFlow Max=0.18 cfs @ 15.30 hrs HW=203.50' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 9.05 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.18 fps)
 3=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.18 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-40: Basin #40

Hydrograph



Hydrograph for Pond B-40: Basin #40

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	202.00	0.00
0.10	0.00	0	202.00	0.00
0.20	0.00	0	202.00	0.00
0.30	0.00	0	202.00	0.00
0.40	0.00	0	202.00	0.00
0.50	0.00	0	202.00	0.00
0.60	0.00	0	202.00	0.00
0.70	0.00	0	202.00	0.00
0.80	0.00	0	202.00	0.00
0.90	0.00	0	202.00	0.00
1.00	0.00	0	202.00	0.00
1.10	0.00	0	202.00	0.00
1.20	0.00	0	202.00	0.00
1.30	0.00	1	202.00	0.00
1.40	0.00	1	202.00	0.00
1.50	0.00	2	202.00	0.00
1.60	0.00	3	202.00	0.00
1.70	0.00	5	202.00	0.00
1.80	0.00	6	202.00	0.00
1.90	0.00	7	202.00	0.00
2.00	0.00	9	202.00	0.00
2.10	0.01	11	202.00	0.00
2.20	0.01	13	202.00	0.00
2.30	0.01	15	202.00	0.00
2.40	0.01	17	202.00	0.00
2.50	0.01	20	202.00	0.00
2.60	0.01	22	202.00	0.00
2.70	0.01	25	202.00	0.00
2.80	0.01	28	202.00	0.00
2.90	0.01	31	202.00	0.00
3.00	0.01	34	202.01	0.00
3.10	0.01	37	202.01	0.00
3.20	0.01	40	202.01	0.00
3.30	0.01	44	202.01	0.00
3.40	0.01	47	202.01	0.00
3.50	0.01	51	202.01	0.00
3.60	0.01	54	202.01	0.00
3.70	0.01	58	202.01	0.00
3.80	0.01	62	202.01	0.00
3.90	0.01	66	202.01	0.00
4.00	0.01	70	202.01	0.00
4.10	0.01	75	202.01	0.00
4.20	0.01	79	202.01	0.00
4.30	0.01	83	202.01	0.00
4.40	0.01	88	202.01	0.00
4.50	0.01	93	202.01	0.00
4.60	0.01	97	202.02	0.00
4.70	0.01	102	202.02	0.00
4.80	0.01	107	202.02	0.00
4.90	0.01	112	202.02	0.00
5.00	0.01	117	202.02	0.00
5.10	0.01	122	202.02	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	127	202.02	0.00
5.30	0.01	133	202.02	0.00
5.40	0.02	138	202.02	0.00
5.50	0.02	143	202.02	0.00
5.60	0.02	149	202.02	0.00
5.70	0.02	155	202.02	0.00
5.80	0.02	160	202.03	0.00
5.90	0.02	166	202.03	0.00
6.00	0.02	172	202.03	0.00
6.10	0.02	178	202.03	0.00
6.20	0.02	184	202.03	0.00
6.30	0.02	190	202.03	0.00
6.40	0.02	197	202.03	0.00
6.50	0.02	203	202.03	0.00
6.60	0.02	210	202.03	0.00
6.70	0.02	217	202.04	0.00
6.80	0.02	225	202.04	0.00
6.90	0.02	232	202.04	0.00
7.00	0.02	240	202.04	0.00
7.10	0.02	248	202.04	0.00
7.20	0.02	256	202.04	0.00
7.30	0.02	264	202.04	0.00
7.40	0.02	272	202.04	0.00
7.50	0.02	281	202.05	0.00
7.60	0.02	290	202.05	0.00
7.70	0.03	299	202.05	0.00
7.80	0.03	308	202.05	0.00
7.90	0.03	317	202.05	0.00
8.00	0.03	327	202.05	0.00
8.10	0.03	337	202.05	0.00
8.20	0.03	347	202.06	0.00
8.30	0.03	357	202.06	0.00
8.40	0.03	367	202.06	0.00
8.50	0.03	378	202.06	0.00
8.60	0.03	388	202.06	0.00
8.70	0.03	399	202.06	0.00
8.80	0.03	410	202.07	0.00
8.90	0.03	422	202.07	0.00
9.00	0.03	433	202.07	0.00
9.10	0.03	445	202.07	0.00
9.20	0.04	458	202.07	0.00
9.30	0.04	471	202.08	0.00
9.40	0.04	485	202.08	0.00
9.50	0.04	500	202.08	0.00
9.60	0.04	515	202.08	0.00
9.70	0.05	531	202.09	0.00
9.80	0.05	547	202.09	0.00
9.90	0.05	565	202.09	0.00
10.00	0.05	583	202.09	0.00
10.10	0.05	601	202.10	0.00
10.20	0.05	621	202.10	0.00
10.30	0.06	641	202.10	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.06	662	202.11	0.00
10.50	0.06	685	202.11	0.00
10.60	0.07	710	202.11	0.00
10.70	0.08	738	202.12	0.00
10.80	0.09	769	202.12	0.00
10.90	0.10	805	202.13	0.00
11.00	0.12	844	202.14	0.00
11.10	0.13	889	202.14	0.00
11.20	0.15	941	202.15	0.00
11.30	0.18	1,000	202.16	0.00
11.40	0.20	1,068	202.17	0.00
11.50	0.22	1,144	202.18	0.00
11.60	0.32	1,243	202.20	0.00
11.70	0.37	1,369	202.22	0.00
11.80	0.60	1,542	202.25	0.00
11.90	0.99	1,826	202.29	0.01
12.00	1.79	2,317	202.37	0.03
12.10	3.20	3,192	202.51	0.07
12.20	2.98	4,286	202.68	0.09
12.30	2.79	5,297	202.83	0.11
12.40	2.22	6,158	202.97	0.13
12.50	1.76	6,823	203.07	0.14
12.60	1.37	7,333	203.14	0.15
12.70	1.12	7,725	203.20	0.15
12.80	0.93	8,037	203.25	0.16
12.90	0.80	8,290	203.29	0.16
13.00	0.70	8,501	203.32	0.16
13.10	0.62	8,679	203.34	0.16
13.20	0.56	8,831	203.37	0.17
13.30	0.50	8,961	203.39	0.17
13.40	0.46	9,073	203.40	0.17
13.50	0.42	9,170	203.42	0.17
13.60	0.38	9,252	203.43	0.17
13.70	0.35	9,323	203.44	0.17
13.80	0.33	9,383	203.45	0.17
13.90	0.31	9,436	203.46	0.17
14.00	0.30	9,484	203.46	0.17
14.10	0.29	9,526	203.47	0.17
14.20	0.28	9,564	203.48	0.17
14.30	0.27	9,599	203.48	0.17
14.40	0.26	9,629	203.49	0.18
14.50	0.25	9,656	203.49	0.18
14.60	0.24	9,680	203.49	0.18
14.70	0.23	9,700	203.50	0.18
14.80	0.22	9,717	203.50	0.18
14.90	0.21	9,730	203.50	0.18
15.00	0.20	9,740	203.50	0.18
15.10	0.19	9,746	203.50	0.18
15.20	0.18	9,750	203.50	0.18
15.30	0.18	9,751	203.50	0.18
15.40	0.17	9,750	203.50	0.18
15.50	0.17	9,748	203.50	0.18

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	9,744	203.50	0.18
15.70	0.16	9,740	203.50	0.18
15.80	0.16	9,734	203.50	0.18
15.90	0.16	9,728	203.50	0.18
16.00	0.16	9,721	203.50	0.18
16.10	0.15	9,714	203.50	0.18
16.20	0.15	9,705	203.50	0.18
16.30	0.15	9,696	203.49	0.18
16.40	0.15	9,685	203.49	0.18
16.50	0.14	9,674	203.49	0.18
16.60	0.14	9,662	203.49	0.18
16.70	0.14	9,649	203.49	0.18
16.80	0.14	9,636	203.49	0.18
16.90	0.13	9,621	203.48	0.18
17.00	0.13	9,606	203.48	0.18
17.10	0.13	9,590	203.48	0.17
17.20	0.13	9,573	203.48	0.17
17.30	0.12	9,556	203.47	0.17
17.40	0.12	9,537	203.47	0.17
17.50	0.12	9,518	203.47	0.17
17.60	0.12	9,498	203.47	0.17
17.70	0.12	9,477	203.46	0.17
17.80	0.11	9,456	203.46	0.17
17.90	0.11	9,434	203.46	0.17
18.00	0.11	9,411	203.45	0.17
18.10	0.11	9,387	203.45	0.17
18.20	0.10	9,362	203.45	0.17
18.30	0.10	9,337	203.44	0.17
18.40	0.10	9,312	203.44	0.17
18.50	0.10	9,286	203.43	0.17
18.60	0.10	9,260	203.43	0.17
18.70	0.10	9,234	203.43	0.17
18.80	0.10	9,208	203.42	0.17
18.90	0.10	9,181	203.42	0.17
19.00	0.10	9,155	203.41	0.17
19.10	0.10	9,128	203.41	0.17
19.20	0.09	9,101	203.41	0.17
19.30	0.09	9,074	203.40	0.17
19.40	0.09	9,047	203.40	0.17
19.50	0.09	9,020	203.40	0.17
19.60	0.09	8,993	203.39	0.17
19.70	0.09	8,965	203.39	0.17
19.80	0.09	8,938	203.38	0.17
19.90	0.09	8,910	203.38	0.17
20.00	0.09	8,883	203.37	0.17
20.10	0.09	8,855	203.37	0.17
20.20	0.09	8,827	203.37	0.17
20.30	0.09	8,799	203.36	0.17
20.40	0.09	8,771	203.36	0.17
20.50	0.09	8,743	203.35	0.16
20.60	0.09	8,715	203.35	0.16
20.70	0.09	8,687	203.35	0.16

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	8,658	203.34	0.16
20.90	0.08	8,630	203.34	0.16
21.00	0.08	8,601	203.33	0.16
21.10	0.08	8,573	203.33	0.16
21.20	0.08	8,544	203.32	0.16
21.30	0.08	8,515	203.32	0.16
21.40	0.08	8,486	203.32	0.16
21.50	0.08	8,457	203.31	0.16
21.60	0.08	8,428	203.31	0.16
21.70	0.08	8,399	203.30	0.16
21.80	0.08	8,370	203.30	0.16
21.90	0.08	8,340	203.29	0.16
22.00	0.08	8,311	203.29	0.16
22.10	0.08	8,282	203.29	0.16
22.20	0.08	8,252	203.28	0.16
22.30	0.08	8,222	203.28	0.16
22.40	0.08	8,193	203.27	0.16
22.50	0.07	8,163	203.27	0.16
22.60	0.07	8,133	203.26	0.16
22.70	0.07	8,103	203.26	0.16
22.80	0.07	8,073	203.25	0.16
22.90	0.07	8,043	203.25	0.16
23.00	0.07	8,013	203.25	0.16
23.10	0.07	7,983	203.24	0.16
23.20	0.07	7,952	203.24	0.15
23.30	0.07	7,922	203.23	0.15
23.40	0.07	7,891	203.23	0.15
23.50	0.07	7,861	203.22	0.15
23.60	0.07	7,830	203.22	0.15
23.70	0.07	7,799	203.21	0.15
23.80	0.07	7,769	203.21	0.15
23.90	0.07	7,738	203.20	0.15
24.00	0.07	7,708	203.20	0.15
24.10	0.05	7,675	203.19	0.15
24.20	0.04	7,638	203.19	0.15
24.30	0.03	7,597	203.18	0.15
24.40	0.02	7,551	203.18	0.15
24.50	0.02	7,504	203.17	0.15
24.60	0.01	7,455	203.16	0.15
24.70	0.01	7,406	203.15	0.15
24.80	0.01	7,356	203.15	0.15
24.90	0.01	7,306	203.14	0.15
25.00	0.01	7,256	203.13	0.15
25.10	0.01	7,206	203.12	0.14
25.20	0.01	7,156	203.12	0.14
25.30	0.01	7,106	203.11	0.14
25.40	0.00	7,056	203.10	0.14
25.50	0.00	7,007	203.09	0.14
25.60	0.00	6,957	203.09	0.14
25.70	0.00	6,908	203.08	0.14
25.80	0.00	6,859	203.07	0.14
25.90	0.00	6,810	203.06	0.14

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,761	203.06	0.14
26.10	0.00	6,712	203.05	0.14
26.20	0.00	6,664	203.04	0.14
26.30	0.00	6,615	203.03	0.14
26.40	0.00	6,567	203.03	0.14
26.50	0.00	6,519	203.02	0.13
26.60	0.00	6,472	203.01	0.13
26.70	0.00	6,424	203.01	0.13
26.80	0.00	6,377	203.00	0.13
26.90	0.00	6,330	202.99	0.13
27.00	0.00	6,283	202.98	0.13
27.10	0.00	6,237	202.98	0.13
27.20	0.00	6,190	202.97	0.13
27.30	0.00	6,144	202.96	0.13
27.40	0.00	6,098	202.96	0.13
27.50	0.00	6,052	202.95	0.13
27.60	0.00	6,007	202.94	0.13
27.70	0.00	5,962	202.94	0.13
27.80	0.00	5,917	202.93	0.13
27.90	0.00	5,872	202.92	0.12
28.00	0.00	5,828	202.91	0.12
28.10	0.00	5,783	202.91	0.12
28.20	0.00	5,739	202.90	0.12
28.30	0.00	5,696	202.89	0.12
28.40	0.00	5,652	202.89	0.12
28.50	0.00	5,609	202.88	0.12
28.60	0.00	5,566	202.87	0.12
28.70	0.00	5,523	202.87	0.12
28.80	0.00	5,481	202.86	0.12
28.90	0.00	5,439	202.86	0.12
29.00	0.00	5,397	202.85	0.12
29.10	0.00	5,355	202.84	0.12
29.20	0.00	5,313	202.84	0.12
29.30	0.00	5,272	202.83	0.11
29.40	0.00	5,231	202.82	0.11
29.50	0.00	5,191	202.82	0.11
29.60	0.00	5,150	202.81	0.11
29.70	0.00	5,110	202.80	0.11
29.80	0.00	5,070	202.80	0.11
29.90	0.00	5,031	202.79	0.11
30.00	0.00	4,991	202.79	0.11
30.10	0.00	4,952	202.78	0.11
30.20	0.00	4,913	202.77	0.11
30.30	0.00	4,875	202.77	0.11
30.40	0.00	4,836	202.76	0.11
30.50	0.00	4,798	202.76	0.11
30.60	0.00	4,761	202.75	0.10
30.70	0.00	4,723	202.75	0.10
30.80	0.00	4,686	202.74	0.10
30.90	0.00	4,649	202.73	0.10
31.00	0.00	4,612	202.73	0.10
31.10	0.00	4,576	202.72	0.10

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,540	202.72	0.10
31.30	0.00	4,504	202.71	0.10
31.40	0.00	4,468	202.71	0.10
31.50	0.00	4,433	202.70	0.10
31.60	0.00	4,398	202.69	0.10
31.70	0.00	4,363	202.69	0.10
31.80	0.00	4,328	202.68	0.10
31.90	0.00	4,294	202.68	0.09
32.00	0.00	4,260	202.67	0.09
32.10	0.00	4,226	202.67	0.09
32.20	0.00	4,193	202.66	0.09
32.30	0.00	4,159	202.66	0.09
32.40	0.00	4,126	202.65	0.09
32.50	0.00	4,094	202.65	0.09
32.60	0.00	4,061	202.64	0.09
32.70	0.00	4,029	202.64	0.09
32.80	0.00	3,997	202.63	0.09
32.90	0.00	3,966	202.63	0.09
33.00	0.00	3,934	202.62	0.09
33.10	0.00	3,903	202.62	0.09
33.20	0.00	3,873	202.61	0.09
33.30	0.00	3,842	202.61	0.08
33.40	0.00	3,812	202.60	0.08
33.50	0.00	3,782	202.60	0.08
33.60	0.00	3,752	202.59	0.08
33.70	0.00	3,723	202.59	0.08
33.80	0.00	3,694	202.59	0.08
33.90	0.00	3,665	202.58	0.08
34.00	0.00	3,636	202.58	0.08
34.10	0.00	3,608	202.57	0.08
34.20	0.00	3,580	202.57	0.08
34.30	0.00	3,552	202.56	0.08
34.40	0.00	3,524	202.56	0.08
34.50	0.00	3,497	202.56	0.08
34.60	0.00	3,470	202.55	0.07
34.70	0.00	3,443	202.55	0.07
34.80	0.00	3,417	202.54	0.07
34.90	0.00	3,391	202.54	0.07
35.00	0.00	3,365	202.53	0.07
35.10	0.00	3,339	202.53	0.07
35.20	0.00	3,314	202.53	0.07
35.30	0.00	3,289	202.52	0.07
35.40	0.00	3,264	202.52	0.07
35.50	0.00	3,240	202.51	0.07
35.60	0.00	3,215	202.51	0.07
35.70	0.00	3,191	202.51	0.07
35.80	0.00	3,168	202.50	0.07
35.90	0.00	3,144	202.50	0.06
36.00	0.00	3,121	202.50	0.06
36.10	0.00	3,098	202.49	0.06
36.20	0.00	3,076	202.49	0.06
36.30	0.00	3,053	202.49	0.06

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,031	202.48	0.06
36.50	0.00	3,009	202.48	0.06
36.60	0.00	2,988	202.48	0.06
36.70	0.00	2,967	202.47	0.06
36.80	0.00	2,946	202.47	0.06
36.90	0.00	2,925	202.47	0.06
37.00	0.00	2,905	202.46	0.06
37.10	0.00	2,884	202.46	0.06
37.20	0.00	2,864	202.46	0.05
37.30	0.00	2,845	202.45	0.05
37.40	0.00	2,825	202.45	0.05
37.50	0.00	2,806	202.45	0.05
37.60	0.00	2,787	202.44	0.05
37.70	0.00	2,769	202.44	0.05
37.80	0.00	2,750	202.44	0.05
37.90	0.00	2,732	202.44	0.05
38.00	0.00	2,715	202.43	0.05
38.10	0.00	2,697	202.43	0.05
38.20	0.00	2,680	202.43	0.05
38.30	0.00	2,663	202.42	0.05
38.40	0.00	2,647	202.42	0.05
38.50	0.00	2,631	202.42	0.04
38.60	0.00	2,615	202.42	0.04
38.70	0.00	2,599	202.41	0.04
38.80	0.00	2,584	202.41	0.04
38.90	0.00	2,569	202.41	0.04
39.00	0.00	2,554	202.41	0.04
39.10	0.00	2,540	202.40	0.04
39.20	0.00	2,525	202.40	0.04
39.30	0.00	2,511	202.40	0.04
39.40	0.00	2,498	202.40	0.04
39.50	0.00	2,484	202.40	0.04
39.60	0.00	2,471	202.39	0.04
39.70	0.00	2,458	202.39	0.04
39.80	0.00	2,446	202.39	0.03
39.90	0.00	2,433	202.39	0.03
40.00	0.00	2,421	202.39	0.03

Stage-Discharge for Pond B-40: Basin #40

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.07	203.04	0.14	203.56	0.24
202.01	0.00	202.53	0.07	203.05	0.14	203.57	0.26
202.02	0.00	202.54	0.07	203.06	0.14	203.58	0.27
202.03	0.00	202.55	0.07	203.07	0.14	203.59	0.29
202.04	0.00	202.56	0.08	203.08	0.14	203.60	0.31
202.05	0.00	202.57	0.08	203.09	0.14	203.61	0.33
202.06	0.00	202.58	0.08	203.10	0.14	203.62	0.35
202.07	0.00	202.59	0.08	203.11	0.14	203.63	0.37
202.08	0.00	202.60	0.08	203.12	0.14	203.64	0.40
202.09	0.00	202.61	0.08	203.13	0.15	203.65	0.42
202.10	0.00	202.62	0.09	203.14	0.15	203.66	0.45
202.11	0.00	202.63	0.09	203.15	0.15	203.67	0.47
202.12	0.00	202.64	0.09	203.16	0.15	203.68	0.50
202.13	0.00	202.65	0.09	203.17	0.15	203.69	0.52
202.14	0.00	202.66	0.09	203.18	0.15	203.70	0.55
202.15	0.00	202.67	0.09	203.19	0.15	203.71	0.58
202.16	0.00	202.68	0.10	203.20	0.15	203.72	0.61
202.17	0.00	202.69	0.10	203.21	0.15	203.73	0.64
202.18	0.00	202.70	0.10	203.22	0.15	203.74	0.67
202.19	0.00	202.71	0.10	203.23	0.15	203.75	0.70
202.20	0.00	202.72	0.10	203.24	0.16	203.76	0.73
202.21	0.00	202.73	0.10	203.25	0.16	203.77	0.76
202.22	0.00	202.74	0.10	203.26	0.16	203.78	0.79
202.23	0.00	202.75	0.10	203.27	0.16	203.79	0.82
202.24	0.00	202.76	0.11	203.28	0.16	203.80	0.86
202.25	0.00	202.77	0.11	203.29	0.16	203.81	0.89
202.26	0.00	202.78	0.11	203.30	0.16	203.82	0.93
202.27	0.00	202.79	0.11	203.31	0.16	203.83	0.96
202.28	0.00	202.80	0.11	203.32	0.16	203.84	1.00
202.29	0.00	202.81	0.11	203.33	0.16	203.85	1.03
202.30	0.01	202.82	0.11	203.34	0.16	203.86	1.07
202.31	0.01	202.83	0.11	203.35	0.16	203.87	1.11
202.32	0.01	202.84	0.12	203.36	0.17	203.88	1.14
202.33	0.01	202.85	0.12	203.37	0.17	203.89	1.18
202.34	0.02	202.86	0.12	203.38	0.17	203.90	1.22
202.35	0.02	202.87	0.12	203.39	0.17	203.91	1.26
202.36	0.02	202.88	0.12	203.40	0.17	203.92	1.30
202.37	0.03	202.89	0.12	203.41	0.17	203.93	1.34
202.38	0.03	202.90	0.12	203.42	0.17	203.94	1.38
202.39	0.03	202.91	0.12	203.43	0.17	203.95	1.42
202.40	0.04	202.92	0.12	203.44	0.17	203.96	1.46
202.41	0.04	202.93	0.13	203.45	0.17	203.97	1.50
202.42	0.05	202.94	0.13	203.46	0.17	203.98	1.54
202.43	0.05	202.95	0.13	203.47	0.17	203.99	1.59
202.44	0.05	202.96	0.13	203.48	0.17	204.00	1.63
202.45	0.05	202.97	0.13	203.49	0.18	204.01	1.67
202.46	0.06	202.98	0.13	203.50	0.18	204.02	1.71
202.47	0.06	202.99	0.13	203.51	0.18	204.03	1.74
202.48	0.06	203.00	0.13	203.52	0.19	204.04	1.77
202.49	0.06	203.01	0.13	203.53	0.20	204.05	1.81
202.50	0.06	203.02	0.13	203.54	0.21	204.06	1.84
202.51	0.07	203.03	0.14	203.55	0.23	204.07	1.87

Stage-Discharge for Pond B-40: Basin #40 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.90	204.60	3.01	205.12	3.79	205.64	14.59
204.09	1.93	204.61	3.03	205.13	3.80	205.65	15.41
204.10	1.96	204.62	3.04	205.14	3.82	205.66	16.25
204.11	1.98	204.63	3.06	205.15	3.83	205.67	17.11
204.12	2.01	204.64	3.08	205.16	3.84	205.68	18.00
204.13	2.04	204.65	3.09	205.17	3.86	205.69	18.91
204.14	2.06	204.66	3.11	205.18	3.87	205.70	19.84
204.15	2.09	204.67	3.13	205.19	3.90	205.71	20.84
204.16	2.12	204.68	3.14	205.20	3.93	205.72	21.86
204.17	2.14	204.69	3.16	205.21	3.98	205.73	22.90
204.18	2.17	204.70	3.18	205.22	4.03	205.74	23.98
204.19	2.19	204.71	3.19	205.23	4.08	205.75	25.08
204.20	2.21	204.72	3.21	205.24	4.14	205.76	26.20
204.21	2.24	204.73	3.22	205.25	4.20	205.77	27.36
204.22	2.26	204.74	3.24	205.26	4.27	205.78	28.53
204.23	2.29	204.75	3.26	205.27	4.34	205.79	29.74
204.24	2.31	204.76	3.27	205.28	4.41	205.80	30.97
204.25	2.33	204.77	3.29	205.29	4.49	205.81	32.22
204.26	2.35	204.78	3.30	205.30	4.57	205.82	33.50
204.27	2.38	204.79	3.32	205.31	4.65	205.83	34.81
204.28	2.40	204.80	3.33	205.32	4.73	205.84	36.14
204.29	2.42	204.81	3.35	205.33	4.82	205.85	37.50
204.30	2.44	204.82	3.36	205.34	4.91	205.86	38.88
204.31	2.46	204.83	3.38	205.35	5.00	205.87	40.28
204.32	2.48	204.84	3.39	205.36	5.09	205.88	41.71
204.33	2.50	204.85	3.41	205.37	5.18	205.89	43.17
204.34	2.53	204.86	3.42	205.38	5.28	205.90	44.65
204.35	2.55	204.87	3.44	205.39	5.38	205.91	46.19
204.36	2.57	204.88	3.45	205.40	5.48	205.92	47.75
204.37	2.59	204.89	3.47	205.41	5.59	205.93	49.33
204.38	2.61	204.90	3.48	205.42	5.69	205.94	50.95
204.39	2.63	204.91	3.50	205.43	5.80	205.95	52.59
204.40	2.65	204.92	3.51	205.44	5.91	205.96	54.26
204.41	2.67	204.93	3.53	205.45	6.02	205.97	55.95
204.42	2.69	204.94	3.54	205.46	6.13	205.98	57.68
204.43	2.70	204.95	3.56	205.47	6.25	205.99	59.43
204.44	2.72	204.96	3.57	205.48	6.36	206.00	61.20
204.45	2.74	204.97	3.58	205.49	6.48		
204.46	2.76	204.98	3.60	205.50	6.60		
204.47	2.78	204.99	3.61	205.51	6.84		
204.48	2.80	205.00	3.63	205.52	7.17		
204.49	2.82	205.01	3.64	205.53	7.57		
204.50	2.83	205.02	3.65	205.54	8.03		
204.51	2.85	205.03	3.67	205.55	8.53		
204.52	2.87	205.04	3.68	205.56	9.07		
204.53	2.89	205.05	3.70	205.57	9.65		
204.54	2.91	205.06	3.71	205.58	10.26		
204.55	2.92	205.07	3.72	205.59	10.91		
204.56	2.94	205.08	3.74	205.60	11.59		
204.57	2.96	205.09	3.75	205.61	12.30		
204.58	2.98	205.10	3.76	205.62	13.03		
204.59	2.99	205.11	3.78	205.63	13.80		

Stage-Area-Storage for Pond B-40: Basin #40

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.00	6,191	0	202.52	6,395	3,272
202.01	6,195	62	202.53	6,399	3,336
202.02	6,199	124	202.54	6,403	3,400
202.03	6,203	186	202.55	6,407	3,464
202.04	6,207	248	202.56	6,411	3,529
202.05	6,211	310	202.57	6,415	3,593
202.06	6,215	372	202.58	6,419	3,657
202.07	6,219	434	202.59	6,423	3,721
202.08	6,222	497	202.60	6,427	3,785
202.09	6,226	559	202.61	6,431	3,850
202.10	6,230	621	202.62	6,435	3,914
202.11	6,234	683	202.63	6,439	3,978
202.12	6,238	746	202.64	6,443	4,043
202.13	6,242	808	202.65	6,446	4,107
202.14	6,246	871	202.66	6,450	4,172
202.15	6,250	933	202.67	6,454	4,236
202.16	6,254	996	202.68	6,458	4,301
202.17	6,258	1,058	202.69	6,462	4,365
202.18	6,262	1,121	202.70	6,466	4,430
202.19	6,266	1,183	202.71	6,470	4,495
202.20	6,270	1,246	202.72	6,474	4,559
202.21	6,274	1,309	202.73	6,478	4,624
202.22	6,277	1,372	202.74	6,482	4,689
202.23	6,281	1,434	202.75	6,486	4,754
202.24	6,285	1,497	202.76	6,490	4,819
202.25	6,289	1,560	202.77	6,494	4,884
202.26	6,293	1,623	202.78	6,498	4,949
202.27	6,297	1,686	202.79	6,501	5,014
202.28	6,301	1,749	202.80	6,505	5,079
202.29	6,305	1,812	202.81	6,509	5,144
202.30	6,309	1,875	202.82	6,513	5,209
202.31	6,313	1,938	202.83	6,517	5,274
202.32	6,317	2,001	202.84	6,521	5,339
202.33	6,321	2,064	202.85	6,525	5,404
202.34	6,325	2,128	202.86	6,529	5,470
202.35	6,329	2,191	202.87	6,533	5,535
202.36	6,332	2,254	202.88	6,537	5,600
202.37	6,336	2,318	202.89	6,541	5,666
202.38	6,340	2,381	202.90	6,545	5,731
202.39	6,344	2,444	202.91	6,549	5,797
202.40	6,348	2,508	202.92	6,553	5,862
202.41	6,352	2,571	202.93	6,556	5,928
202.42	6,356	2,635	202.94	6,560	5,993
202.43	6,360	2,698	202.95	6,564	6,059
202.44	6,364	2,762	202.96	6,568	6,124
202.45	6,368	2,826	202.97	6,572	6,190
202.46	6,372	2,889	202.98	6,576	6,256
202.47	6,376	2,953	202.99	6,580	6,322
202.48	6,380	3,017	203.00	6,584	6,388
202.49	6,384	3,081	203.01	6,588	6,453
202.50	6,388	3,145	203.02	6,592	6,519
202.51	6,391	3,209	203.03	6,596	6,585

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.04	6,600	6,651	203.56	6,810	10,138
203.05	6,604	6,717	203.57	6,814	10,206
203.06	6,608	6,783	203.58	6,818	10,274
203.07	6,612	6,849	203.59	6,822	10,342
203.08	6,616	6,916	203.60	6,826	10,410
203.09	6,620	6,982	203.61	6,830	10,479
203.10	6,624	7,048	203.62	6,834	10,547
203.11	6,628	7,114	203.63	6,838	10,615
203.12	6,632	7,180	203.64	6,842	10,684
203.13	6,636	7,247	203.65	6,846	10,752
203.14	6,640	7,313	203.66	6,850	10,821
203.15	6,644	7,380	203.67	6,854	10,889
203.16	6,648	7,446	203.68	6,858	10,958
203.17	6,653	7,513	203.69	6,862	11,026
203.18	6,657	7,579	203.70	6,866	11,095
203.19	6,661	7,646	203.71	6,870	11,164
203.20	6,665	7,712	203.72	6,874	11,232
203.21	6,669	7,779	203.73	6,878	11,301
203.22	6,673	7,846	203.74	6,882	11,370
203.23	6,677	7,912	203.75	6,886	11,439
203.24	6,681	7,979	203.76	6,890	11,508
203.25	6,685	8,046	203.77	6,894	11,577
203.26	6,689	8,113	203.78	6,898	11,646
203.27	6,693	8,180	203.79	6,902	11,715
203.28	6,697	8,247	203.80	6,906	11,784
203.29	6,701	8,314	203.81	6,910	11,853
203.30	6,705	8,381	203.82	6,914	11,922
203.31	6,709	8,448	203.83	6,918	11,991
203.32	6,713	8,515	203.84	6,923	12,060
203.33	6,717	8,582	203.85	6,927	12,129
203.34	6,721	8,649	203.86	6,931	12,199
203.35	6,725	8,717	203.87	6,935	12,268
203.36	6,729	8,784	203.88	6,939	12,337
203.37	6,733	8,851	203.89	6,943	12,407
203.38	6,737	8,919	203.90	6,947	12,476
203.39	6,741	8,986	203.91	6,951	12,546
203.40	6,745	9,053	203.92	6,955	12,615
203.41	6,749	9,121	203.93	6,959	12,685
203.42	6,753	9,188	203.94	6,963	12,755
203.43	6,757	9,256	203.95	6,967	12,824
203.44	6,761	9,323	203.96	6,971	12,894
203.45	6,765	9,391	203.97	6,975	12,964
203.46	6,769	9,459	203.98	6,979	13,033
203.47	6,773	9,526	203.99	6,983	13,103
203.48	6,777	9,594	204.00	6,987	13,173
203.49	6,781	9,662	204.01	6,991	13,243
203.50	6,786	9,730	204.02	6,995	13,313
203.51	6,790	9,798	204.03	7,000	13,383
203.52	6,794	9,866	204.04	7,004	13,453
203.53	6,798	9,934	204.05	7,008	13,523
203.54	6,802	10,002	204.06	7,012	13,593
203.55	6,806	10,070	204.07	7,016	13,663

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.08	7,021	13,733	204.60	7,238	17,441
204.09	7,025	13,804	204.61	7,243	17,513
204.10	7,029	13,874	204.62	7,247	17,585
204.11	7,033	13,944	204.63	7,251	17,658
204.12	7,037	14,014	204.64	7,255	17,730
204.13	7,041	14,085	204.65	7,259	17,803
204.14	7,046	14,155	204.66	7,264	17,876
204.15	7,050	14,226	204.67	7,268	17,948
204.16	7,054	14,296	204.68	7,272	18,021
204.17	7,058	14,367	204.69	7,276	18,094
204.18	7,062	14,437	204.70	7,280	18,167
204.19	7,067	14,508	204.71	7,284	18,239
204.20	7,071	14,579	204.72	7,289	18,312
204.21	7,075	14,650	204.73	7,293	18,385
204.22	7,079	14,720	204.74	7,297	18,458
204.23	7,083	14,791	204.75	7,301	18,531
204.24	7,088	14,862	204.76	7,305	18,604
204.25	7,092	14,933	204.77	7,310	18,677
204.26	7,096	15,004	204.78	7,314	18,750
204.27	7,100	15,075	204.79	7,318	18,823
204.28	7,104	15,146	204.80	7,322	18,897
204.29	7,109	15,217	204.81	7,326	18,970
204.30	7,113	15,288	204.82	7,331	19,043
204.31	7,117	15,359	204.83	7,335	19,117
204.32	7,121	15,430	204.84	7,339	19,190
204.33	7,125	15,502	204.85	7,343	19,263
204.34	7,129	15,573	204.86	7,347	19,337
204.35	7,134	15,644	204.87	7,352	19,410
204.36	7,138	15,715	204.88	7,356	19,484
204.37	7,142	15,787	204.89	7,360	19,557
204.38	7,146	15,858	204.90	7,364	19,631
204.39	7,150	15,930	204.91	7,368	19,705
204.40	7,155	16,001	204.92	7,372	19,778
204.41	7,159	16,073	204.93	7,377	19,852
204.42	7,163	16,144	204.94	7,381	19,926
204.43	7,167	16,216	204.95	7,385	20,000
204.44	7,171	16,288	204.96	7,389	20,074
204.45	7,176	16,360	204.97	7,393	20,148
204.46	7,180	16,431	204.98	7,398	20,221
204.47	7,184	16,503	204.99	7,402	20,295
204.48	7,188	16,575	205.00	7,406	20,370
204.49	7,192	16,647	205.01	7,410	20,444
204.50	7,197	16,719	205.02	7,414	20,518
204.51	7,201	16,791	205.03	7,418	20,592
204.52	7,205	16,863	205.04	7,422	20,666
204.53	7,209	16,935	205.05	7,426	20,740
204.54	7,213	17,007	205.06	7,430	20,815
204.55	7,217	17,079	205.07	7,434	20,889
204.56	7,222	17,151	205.08	7,438	20,963
204.57	7,226	17,224	205.09	7,442	21,038
204.58	7,230	17,296	205.10	7,446	21,112
204.59	7,234	17,368	205.11	7,450	21,187

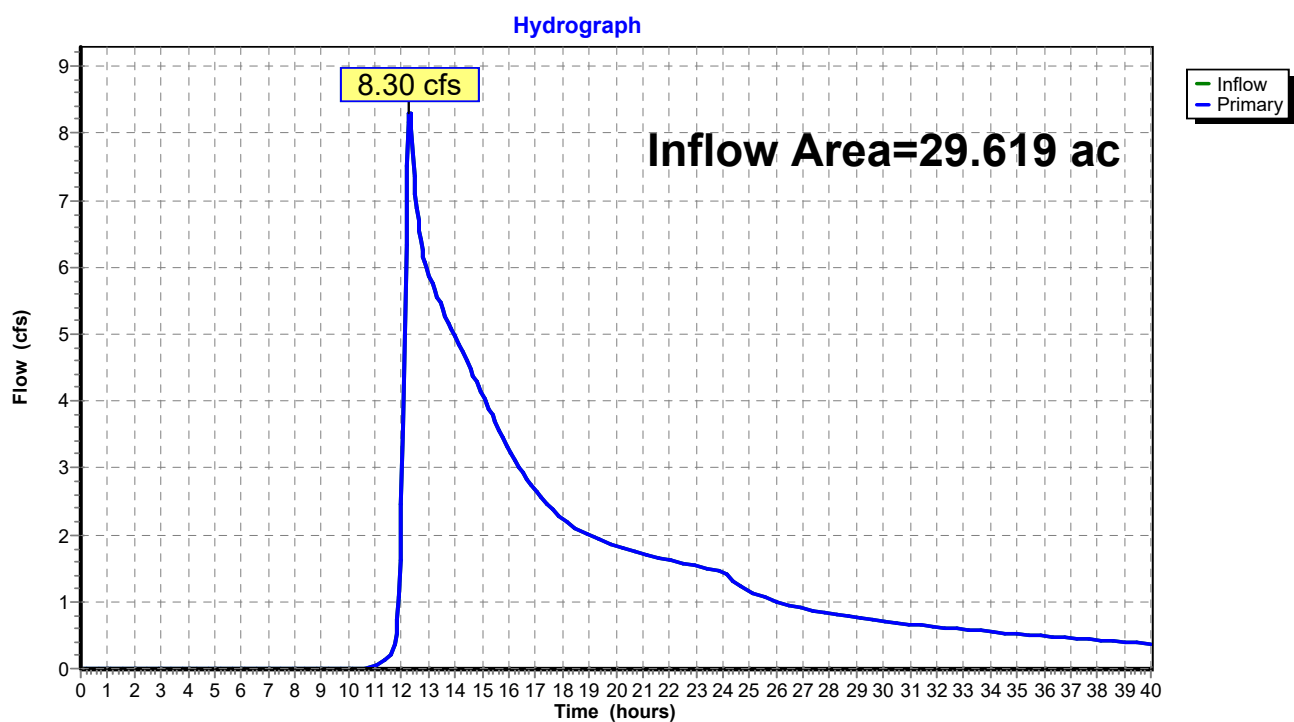
Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.12	7,454	21,261	205.64	7,665	25,192
205.13	7,459	21,336	205.65	7,669	25,269
205.14	7,463	21,410	205.66	7,673	25,345
205.15	7,467	21,485	205.67	7,677	25,422
205.16	7,471	21,560	205.68	7,681	25,499
205.17	7,475	21,634	205.69	7,685	25,576
205.18	7,479	21,709	205.70	7,689	25,653
205.19	7,483	21,784	205.71	7,693	25,730
205.20	7,487	21,859	205.72	7,697	25,807
205.21	7,491	21,934	205.73	7,701	25,884
205.22	7,495	22,009	205.74	7,705	25,961
205.23	7,499	22,084	205.75	7,709	26,038
205.24	7,503	22,159	205.76	7,713	26,115
205.25	7,507	22,234	205.77	7,717	26,192
205.26	7,511	22,309	205.78	7,721	26,269
205.27	7,515	22,384	205.79	7,725	26,346
205.28	7,519	22,459	205.80	7,729	26,424
205.29	7,523	22,534	205.81	7,733	26,501
205.30	7,527	22,609	205.82	7,737	26,578
205.31	7,531	22,685	205.83	7,741	26,656
205.32	7,535	22,760	205.84	7,745	26,733
205.33	7,539	22,835	205.85	7,749	26,811
205.34	7,543	22,911	205.86	7,753	26,888
205.35	7,547	22,986	205.87	7,757	26,966
205.36	7,551	23,062	205.88	7,762	27,043
205.37	7,555	23,137	205.89	7,766	27,121
205.38	7,560	23,213	205.90	7,770	27,199
205.39	7,564	23,289	205.91	7,774	27,276
205.40	7,568	23,364	205.92	7,778	27,354
205.41	7,572	23,440	205.93	7,782	27,432
205.42	7,576	23,516	205.94	7,786	27,510
205.43	7,580	23,591	205.95	7,790	27,588
205.44	7,584	23,667	205.96	7,794	27,665
205.45	7,588	23,743	205.97	7,798	27,743
205.46	7,592	23,819	205.98	7,802	27,821
205.47	7,596	23,895	205.99	7,806	27,899
205.48	7,600	23,971	206.00	7,810	27,978
205.49	7,604	24,047			
205.50	7,608	24,123			
205.51	7,612	24,199			
205.52	7,616	24,275			
205.53	7,620	24,351			
205.54	7,624	24,428			
205.55	7,628	24,504			
205.56	7,632	24,580			
205.57	7,636	24,657			
205.58	7,640	24,733			
205.59	7,644	24,809			
205.60	7,648	24,886			
205.61	7,652	24,962			
205.62	7,656	25,039			
205.63	7,661	25,115			

Summary for Link PDA-3: Proposed Drainage Area #3

Inflow Area = 29.619 ac, 38.13% Impervious, Inflow Depth > 1.59" for Future 2 yr event
Inflow = 8.30 cfs @ 12.29 hrs, Volume= 3.917 af
Primary = 8.30 cfs @ 12.29 hrs, Volume= 3.917 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-3: Proposed Drainage Area #3

Hydrograph for Link PDA-3: Proposed Drainage Area #3

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	5.89	0.00	5.89
10.45	0.00	0.00	0.00	13.05	5.84	0.00	5.84
10.50	0.00	0.00	0.00	13.10	5.78	0.00	5.78
10.55	0.00	0.00	0.00	13.15	5.73	0.00	5.73
10.60	0.00	0.00	0.00	13.20	5.68	0.00	5.68
10.65	0.00	0.00	0.00	13.25	5.63	0.00	5.63
10.70	0.00	0.00	0.00	13.30	5.58	0.00	5.58
10.75	0.01	0.00	0.01	13.35	5.53	0.00	5.53
10.80	0.01	0.00	0.01	13.40	5.48	0.00	5.48
10.85	0.02	0.00	0.02	13.45	5.43	0.00	5.43
10.90	0.02	0.00	0.02	13.50	5.39	0.00	5.39
10.95	0.03	0.00	0.03	13.55	5.34	0.00	5.34
11.00	0.03	0.00	0.03	13.60	5.29	0.00	5.29
11.05	0.04	0.00	0.04	13.65	5.24	0.00	5.24
11.10	0.05	0.00	0.05	13.70	5.19	0.00	5.19
11.15	0.06	0.00	0.06	13.75	5.14	0.00	5.14
11.20	0.07	0.00	0.07	13.80	5.09	0.00	5.09
11.25	0.08	0.00	0.08	13.85	5.05	0.00	5.05
11.30	0.09	0.00	0.09	13.90	5.01	0.00	5.01
11.35	0.11	0.00	0.11	13.95	4.97	0.00	4.97
11.40	0.13	0.00	0.13	14.00	4.93	0.00	4.93
11.45	0.14	0.00	0.14	14.05	4.89	0.00	4.89
11.50	0.16	0.00	0.16	14.10	4.85	0.00	4.85
11.55	0.19	0.00	0.19	14.15	4.81	0.00	4.81
11.60	0.21	0.00	0.21	14.20	4.77	0.00	4.77
11.65	0.26	0.00	0.26	14.25	4.73	0.00	4.73
11.70	0.31	0.00	0.31	14.30	4.69	0.00	4.69
11.75	0.40	0.00	0.40	14.35	4.65	0.00	4.65
11.80	0.53	0.00	0.53	14.40	4.61	0.00	4.61
11.85	0.74	0.00	0.74	14.45	4.57	0.00	4.57
11.90	1.08	0.00	1.08	14.50	4.53	0.00	4.53
11.95	1.63	0.00	1.63	14.55	4.49	0.00	4.49
12.00	2.45	0.00	2.45	14.60	4.45	0.00	4.45
12.05	3.58	0.00	3.58	14.65	4.41	0.00	4.41
12.10	4.96	0.00	4.96	14.70	4.36	0.00	4.36
12.15	6.35	0.00	6.35	14.75	4.32	0.00	4.32
12.20	7.50	0.00	7.50	14.80	4.28	0.00	4.28
12.25	8.17	0.00	8.17	14.85	4.24	0.00	4.24
12.30	8.29	0.00	8.29	14.90	4.19	0.00	4.19
12.35	8.07	0.00	8.07	14.95	4.15	0.00	4.15
12.40	7.69	0.00	7.69	15.00	4.11	0.00	4.11
12.45	7.36	0.00	7.36	15.05	4.07	0.00	4.07
12.50	7.09	0.00	7.09	15.10	4.02	0.00	4.02
12.55	6.88	0.00	6.88	15.15	3.98	0.00	3.98
12.60	6.71	0.00	6.71	15.20	3.93	0.00	3.93
12.65	6.56	0.00	6.56	15.25	3.89	0.00	3.89
12.70	6.40	0.00	6.40	15.30	3.85	0.00	3.85
12.75	6.26	0.00	6.26	15.35	3.80	0.00	3.80
12.80	6.15	0.00	6.15	15.40	3.76	0.00	3.76
12.85	6.07	0.00	6.07	15.45	3.72	0.00	3.72
12.90	6.00	0.00	6.00	15.50	3.68	0.00	3.68
12.95	5.94	0.00	5.94	15.55	3.64	0.00	3.64

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	3.60	0.00	3.60	18.20	2.18	0.00	2.18
15.65	3.56	0.00	3.56	18.25	2.17	0.00	2.17
15.70	3.52	0.00	3.52	18.30	2.15	0.00	2.15
15.75	3.48	0.00	3.48	18.35	2.14	0.00	2.14
15.80	3.44	0.00	3.44	18.40	2.13	0.00	2.13
15.85	3.41	0.00	3.41	18.45	2.11	0.00	2.11
15.90	3.37	0.00	3.37	18.50	2.10	0.00	2.10
15.95	3.33	0.00	3.33	18.55	2.09	0.00	2.09
16.00	3.30	0.00	3.30	18.60	2.08	0.00	2.08
16.05	3.26	0.00	3.26	18.65	2.07	0.00	2.07
16.10	3.23	0.00	3.23	18.70	2.05	0.00	2.05
16.15	3.19	0.00	3.19	18.75	2.04	0.00	2.04
16.20	3.16	0.00	3.16	18.80	2.03	0.00	2.03
16.25	3.12	0.00	3.12	18.85	2.02	0.00	2.02
16.30	3.09	0.00	3.09	18.90	2.01	0.00	2.01
16.35	3.05	0.00	3.05	18.95	2.00	0.00	2.00
16.40	3.02	0.00	3.02	19.00	1.99	0.00	1.99
16.45	2.99	0.00	2.99	19.05	1.98	0.00	1.98
16.50	2.95	0.00	2.95	19.10	1.97	0.00	1.97
16.55	2.92	0.00	2.92	19.15	1.96	0.00	1.96
16.60	2.89	0.00	2.89	19.20	1.96	0.00	1.96
16.65	2.86	0.00	2.86	19.25	1.95	0.00	1.95
16.70	2.83	0.00	2.83	19.30	1.94	0.00	1.94
16.75	2.80	0.00	2.80	19.35	1.93	0.00	1.93
16.80	2.77	0.00	2.77	19.40	1.92	0.00	1.92
16.85	2.74	0.00	2.74	19.45	1.91	0.00	1.91
16.90	2.72	0.00	2.72	19.50	1.91	0.00	1.91
16.95	2.69	0.00	2.69	19.55	1.90	0.00	1.90
17.00	2.66	0.00	2.66	19.60	1.89	0.00	1.89
17.05	2.64	0.00	2.64	19.65	1.88	0.00	1.88
17.10	2.61	0.00	2.61	19.70	1.88	0.00	1.88
17.15	2.59	0.00	2.59	19.75	1.87	0.00	1.87
17.20	2.57	0.00	2.57	19.80	1.86	0.00	1.86
17.25	2.54	0.00	2.54	19.85	1.85	0.00	1.85
17.30	2.52	0.00	2.52	19.90	1.85	0.00	1.85
17.35	2.50	0.00	2.50	19.95	1.84	0.00	1.84
17.40	2.48	0.00	2.48	20.00	1.83	0.00	1.83
17.45	2.45	0.00	2.45	20.05	1.83	0.00	1.83
17.50	2.43	0.00	2.43	20.10	1.82	0.00	1.82
17.55	2.41	0.00	2.41	20.15	1.81	0.00	1.81
17.60	2.39	0.00	2.39	20.20	1.81	0.00	1.81
17.65	2.37	0.00	2.37	20.25	1.80	0.00	1.80
17.70	2.36	0.00	2.36	20.30	1.80	0.00	1.80
17.75	2.34	0.00	2.34	20.35	1.79	0.00	1.79
17.80	2.32	0.00	2.32	20.40	1.78	0.00	1.78
17.85	2.30	0.00	2.30	20.45	1.78	0.00	1.78
17.90	2.28	0.00	2.28	20.50	1.77	0.00	1.77
17.95	2.27	0.00	2.27	20.55	1.77	0.00	1.77
18.00	2.25	0.00	2.25	20.60	1.76	0.00	1.76
18.05	2.23	0.00	2.23	20.65	1.75	0.00	1.75
18.10	2.22	0.00	2.22	20.70	1.75	0.00	1.75
18.15	2.20	0.00	2.20	20.75	1.74	0.00	1.74

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	1.74	0.00	1.74	23.40	1.50	0.00	1.50
20.85	1.73	0.00	1.73	23.45	1.50	0.00	1.50
20.90	1.73	0.00	1.73	23.50	1.50	0.00	1.50
20.95	1.72	0.00	1.72	23.55	1.49	0.00	1.49
21.00	1.72	0.00	1.72	23.60	1.49	0.00	1.49
21.05	1.71	0.00	1.71	23.65	1.48	0.00	1.48
21.10	1.71	0.00	1.71	23.70	1.48	0.00	1.48
21.15	1.70	0.00	1.70	23.75	1.48	0.00	1.48
21.20	1.70	0.00	1.70	23.80	1.47	0.00	1.47
21.25	1.69	0.00	1.69	23.85	1.47	0.00	1.47
21.30	1.69	0.00	1.69	23.90	1.46	0.00	1.46
21.35	1.68	0.00	1.68	23.95	1.46	0.00	1.46
21.40	1.68	0.00	1.68	24.00	1.46	0.00	1.46
21.45	1.67	0.00	1.67	24.05	1.46	0.00	1.46
21.50	1.67	0.00	1.67	24.10	1.45	0.00	1.45
21.55	1.66	0.00	1.66	24.15	1.42	0.00	1.42
21.60	1.66	0.00	1.66	24.20	1.40	0.00	1.40
21.65	1.65	0.00	1.65	24.25	1.36	0.00	1.36
21.70	1.65	0.00	1.65	24.30	1.33	0.00	1.33
21.75	1.64	0.00	1.64	24.35	1.31	0.00	1.31
21.80	1.64	0.00	1.64	24.40	1.29	0.00	1.29
21.85	1.63	0.00	1.63	24.45	1.27	0.00	1.27
21.90	1.63	0.00	1.63	24.50	1.26	0.00	1.26
21.95	1.62	0.00	1.62	24.55	1.25	0.00	1.25
22.00	1.62	0.00	1.62	24.60	1.23	0.00	1.23
22.05	1.62	0.00	1.62	24.65	1.22	0.00	1.22
22.10	1.61	0.00	1.61	24.70	1.21	0.00	1.21
22.15	1.61	0.00	1.61	24.75	1.20	0.00	1.20
22.20	1.60	0.00	1.60	24.80	1.19	0.00	1.19
22.25	1.60	0.00	1.60	24.85	1.18	0.00	1.18
22.30	1.59	0.00	1.59	24.90	1.17	0.00	1.17
22.35	1.59	0.00	1.59	24.95	1.16	0.00	1.16
22.40	1.59	0.00	1.59	25.00	1.16	0.00	1.16
22.45	1.58	0.00	1.58	25.05	1.15	0.00	1.15
22.50	1.58	0.00	1.58	25.10	1.14	0.00	1.14
22.55	1.57	0.00	1.57	25.15	1.13	0.00	1.13
22.60	1.57	0.00	1.57	25.20	1.12	0.00	1.12
22.65	1.56	0.00	1.56	25.25	1.11	0.00	1.11
22.70	1.56	0.00	1.56	25.30	1.11	0.00	1.11
22.75	1.56	0.00	1.56	25.35	1.10	0.00	1.10
22.80	1.55	0.00	1.55	25.40	1.09	0.00	1.09
22.85	1.55	0.00	1.55	25.45	1.08	0.00	1.08
22.90	1.54	0.00	1.54	25.50	1.07	0.00	1.07
22.95	1.54	0.00	1.54	25.55	1.07	0.00	1.07
23.00	1.54	0.00	1.54	25.60	1.06	0.00	1.06
23.05	1.53	0.00	1.53	25.65	1.05	0.00	1.05
23.10	1.53	0.00	1.53	25.70	1.04	0.00	1.04
23.15	1.52	0.00	1.52	25.75	1.04	0.00	1.04
23.20	1.52	0.00	1.52	25.80	1.03	0.00	1.03
23.25	1.52	0.00	1.52	25.85	1.02	0.00	1.02
23.30	1.51	0.00	1.51	25.90	1.02	0.00	1.02
23.35	1.51	0.00	1.51	25.95	1.01	0.00	1.01

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.00	0.00	1.00	28.60	0.78	0.00	0.78
26.05	1.00	0.00	1.00	28.65	0.78	0.00	0.78
26.10	0.99	0.00	0.99	28.70	0.78	0.00	0.78
26.15	0.99	0.00	0.99	28.75	0.77	0.00	0.77
26.20	0.98	0.00	0.98	28.80	0.77	0.00	0.77
26.25	0.98	0.00	0.98	28.85	0.77	0.00	0.77
26.30	0.97	0.00	0.97	28.90	0.77	0.00	0.77
26.35	0.96	0.00	0.96	28.95	0.76	0.00	0.76
26.40	0.96	0.00	0.96	29.00	0.76	0.00	0.76
26.45	0.95	0.00	0.95	29.05	0.76	0.00	0.76
26.50	0.95	0.00	0.95	29.10	0.75	0.00	0.75
26.55	0.94	0.00	0.94	29.15	0.75	0.00	0.75
26.60	0.94	0.00	0.94	29.20	0.75	0.00	0.75
26.65	0.93	0.00	0.93	29.25	0.75	0.00	0.75
26.70	0.93	0.00	0.93	29.30	0.74	0.00	0.74
26.75	0.92	0.00	0.92	29.35	0.74	0.00	0.74
26.80	0.92	0.00	0.92	29.40	0.74	0.00	0.74
26.85	0.91	0.00	0.91	29.45	0.73	0.00	0.73
26.90	0.91	0.00	0.91	29.50	0.73	0.00	0.73
26.95	0.90	0.00	0.90	29.55	0.73	0.00	0.73
27.00	0.90	0.00	0.90	29.60	0.73	0.00	0.73
27.05	0.90	0.00	0.90	29.65	0.72	0.00	0.72
27.10	0.89	0.00	0.89	29.70	0.72	0.00	0.72
27.15	0.89	0.00	0.89	29.75	0.72	0.00	0.72
27.20	0.88	0.00	0.88	29.80	0.72	0.00	0.72
27.25	0.88	0.00	0.88	29.85	0.71	0.00	0.71
27.30	0.88	0.00	0.88	29.90	0.71	0.00	0.71
27.35	0.87	0.00	0.87	29.95	0.71	0.00	0.71
27.40	0.87	0.00	0.87	30.00	0.71	0.00	0.71
27.45	0.86	0.00	0.86	30.05	0.71	0.00	0.71
27.50	0.86	0.00	0.86	30.10	0.70	0.00	0.70
27.55	0.86	0.00	0.86	30.15	0.70	0.00	0.70
27.60	0.85	0.00	0.85	30.20	0.70	0.00	0.70
27.65	0.85	0.00	0.85	30.25	0.70	0.00	0.70
27.70	0.84	0.00	0.84	30.30	0.69	0.00	0.69
27.75	0.84	0.00	0.84	30.35	0.69	0.00	0.69
27.80	0.84	0.00	0.84	30.40	0.69	0.00	0.69
27.85	0.83	0.00	0.83	30.45	0.69	0.00	0.69
27.90	0.83	0.00	0.83	30.50	0.69	0.00	0.69
27.95	0.83	0.00	0.83	30.55	0.68	0.00	0.68
28.00	0.82	0.00	0.82	30.60	0.68	0.00	0.68
28.05	0.82	0.00	0.82	30.65	0.68	0.00	0.68
28.10	0.82	0.00	0.82	30.70	0.68	0.00	0.68
28.15	0.81	0.00	0.81	30.75	0.67	0.00	0.67
28.20	0.81	0.00	0.81	30.80	0.67	0.00	0.67
28.25	0.81	0.00	0.81	30.85	0.67	0.00	0.67
28.30	0.80	0.00	0.80	30.90	0.67	0.00	0.67
28.35	0.80	0.00	0.80	30.95	0.67	0.00	0.67
28.40	0.80	0.00	0.80	31.00	0.66	0.00	0.66
28.45	0.79	0.00	0.79	31.05	0.66	0.00	0.66
28.50	0.79	0.00	0.79	31.10	0.66	0.00	0.66
28.55	0.79	0.00	0.79	31.15	0.66	0.00	0.66

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.66	0.00	0.66	33.80	0.56	0.00	0.56
31.25	0.65	0.00	0.65	33.85	0.56	0.00	0.56
31.30	0.65	0.00	0.65	33.90	0.56	0.00	0.56
31.35	0.65	0.00	0.65	33.95	0.56	0.00	0.56
31.40	0.65	0.00	0.65	34.00	0.55	0.00	0.55
31.45	0.65	0.00	0.65	34.05	0.55	0.00	0.55
31.50	0.64	0.00	0.64	34.10	0.55	0.00	0.55
31.55	0.64	0.00	0.64	34.15	0.55	0.00	0.55
31.60	0.64	0.00	0.64	34.20	0.55	0.00	0.55
31.65	0.64	0.00	0.64	34.25	0.55	0.00	0.55
31.70	0.64	0.00	0.64	34.30	0.54	0.00	0.54
31.75	0.63	0.00	0.63	34.35	0.54	0.00	0.54
31.80	0.63	0.00	0.63	34.40	0.54	0.00	0.54
31.85	0.63	0.00	0.63	34.45	0.54	0.00	0.54
31.90	0.63	0.00	0.63	34.50	0.54	0.00	0.54
31.95	0.63	0.00	0.63	34.55	0.54	0.00	0.54
32.00	0.63	0.00	0.63	34.60	0.53	0.00	0.53
32.05	0.62	0.00	0.62	34.65	0.53	0.00	0.53
32.10	0.62	0.00	0.62	34.70	0.53	0.00	0.53
32.15	0.62	0.00	0.62	34.75	0.53	0.00	0.53
32.20	0.62	0.00	0.62	34.80	0.53	0.00	0.53
32.25	0.62	0.00	0.62	34.85	0.53	0.00	0.53
32.30	0.61	0.00	0.61	34.90	0.52	0.00	0.52
32.35	0.61	0.00	0.61	34.95	0.52	0.00	0.52
32.40	0.61	0.00	0.61	35.00	0.52	0.00	0.52
32.45	0.61	0.00	0.61	35.05	0.52	0.00	0.52
32.50	0.61	0.00	0.61	35.10	0.52	0.00	0.52
32.55	0.60	0.00	0.60	35.15	0.52	0.00	0.52
32.60	0.60	0.00	0.60	35.20	0.51	0.00	0.51
32.65	0.60	0.00	0.60	35.25	0.51	0.00	0.51
32.70	0.60	0.00	0.60	35.30	0.51	0.00	0.51
32.75	0.60	0.00	0.60	35.35	0.51	0.00	0.51
32.80	0.60	0.00	0.60	35.40	0.51	0.00	0.51
32.85	0.59	0.00	0.59	35.45	0.51	0.00	0.51
32.90	0.59	0.00	0.59	35.50	0.50	0.00	0.50
32.95	0.59	0.00	0.59	35.55	0.50	0.00	0.50
33.00	0.59	0.00	0.59	35.60	0.50	0.00	0.50
33.05	0.59	0.00	0.59	35.65	0.50	0.00	0.50
33.10	0.59	0.00	0.59	35.70	0.50	0.00	0.50
33.15	0.58	0.00	0.58	35.75	0.50	0.00	0.50
33.20	0.58	0.00	0.58	35.80	0.49	0.00	0.49
33.25	0.58	0.00	0.58	35.85	0.49	0.00	0.49
33.30	0.58	0.00	0.58	35.90	0.49	0.00	0.49
33.35	0.58	0.00	0.58	35.95	0.49	0.00	0.49
33.40	0.57	0.00	0.57	36.00	0.49	0.00	0.49
33.45	0.57	0.00	0.57	36.05	0.49	0.00	0.49
33.50	0.57	0.00	0.57	36.10	0.49	0.00	0.49
33.55	0.57	0.00	0.57	36.15	0.48	0.00	0.48
33.60	0.57	0.00	0.57	36.20	0.48	0.00	0.48
33.65	0.57	0.00	0.57	36.25	0.48	0.00	0.48
33.70	0.56	0.00	0.56	36.30	0.48	0.00	0.48
33.75	0.56	0.00	0.56	36.35	0.48	0.00	0.48

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.48	0.00	0.48	39.00	0.40	0.00	0.40
36.45	0.47	0.00	0.47	39.05	0.40	0.00	0.40
36.50	0.47	0.00	0.47	39.10	0.39	0.00	0.39
36.55	0.47	0.00	0.47	39.15	0.39	0.00	0.39
36.60	0.47	0.00	0.47	39.20	0.39	0.00	0.39
36.65	0.47	0.00	0.47	39.25	0.39	0.00	0.39
36.70	0.47	0.00	0.47	39.30	0.39	0.00	0.39
36.75	0.47	0.00	0.47	39.35	0.39	0.00	0.39
36.80	0.46	0.00	0.46	39.40	0.39	0.00	0.39
36.85	0.46	0.00	0.46	39.45	0.39	0.00	0.39
36.90	0.46	0.00	0.46	39.50	0.38	0.00	0.38
36.95	0.46	0.00	0.46	39.55	0.38	0.00	0.38
37.00	0.46	0.00	0.46	39.60	0.38	0.00	0.38
37.05	0.46	0.00	0.46	39.65	0.38	0.00	0.38
37.10	0.46	0.00	0.46	39.70	0.38	0.00	0.38
37.15	0.45	0.00	0.45	39.75	0.38	0.00	0.38
37.20	0.45	0.00	0.45	39.80	0.38	0.00	0.38
37.25	0.45	0.00	0.45	39.85	0.37	0.00	0.37
37.30	0.45	0.00	0.45	39.90	0.37	0.00	0.37
37.35	0.45	0.00	0.45	39.95	0.37	0.00	0.37
37.40	0.45	0.00	0.45	40.00	0.37	0.00	0.37
37.45	0.44	0.00	0.44				
37.50	0.44	0.00	0.44				
37.55	0.44	0.00	0.44				
37.60	0.44	0.00	0.44				
37.65	0.44	0.00	0.44				
37.70	0.44	0.00	0.44				
37.75	0.44	0.00	0.44				
37.80	0.43	0.00	0.43				
37.85	0.43	0.00	0.43				
37.90	0.43	0.00	0.43				
37.95	0.43	0.00	0.43				
38.00	0.43	0.00	0.43				
38.05	0.43	0.00	0.43				
38.10	0.42	0.00	0.42				
38.15	0.42	0.00	0.42				
38.20	0.42	0.00	0.42				
38.25	0.42	0.00	0.42				
38.30	0.42	0.00	0.42				
38.35	0.42	0.00	0.42				
38.40	0.42	0.00	0.42				
38.45	0.41	0.00	0.41				
38.50	0.41	0.00	0.41				
38.55	0.41	0.00	0.41				
38.60	0.41	0.00	0.41				
38.65	0.41	0.00	0.41				
38.70	0.41	0.00	0.41				
38.75	0.40	0.00	0.40				
38.80	0.40	0.00	0.40				
38.85	0.40	0.00	0.40				
38.90	0.40	0.00	0.40				
38.95	0.40	0.00	0.40				

Summary for Subcatchment 2S: PDA-40 (impervious)

Runoff = 3.76 cfs @ 12.09 hrs, Volume= 0.264 af, Depth= 5.57"
 Routed to Pond 1P : Porous Pavement

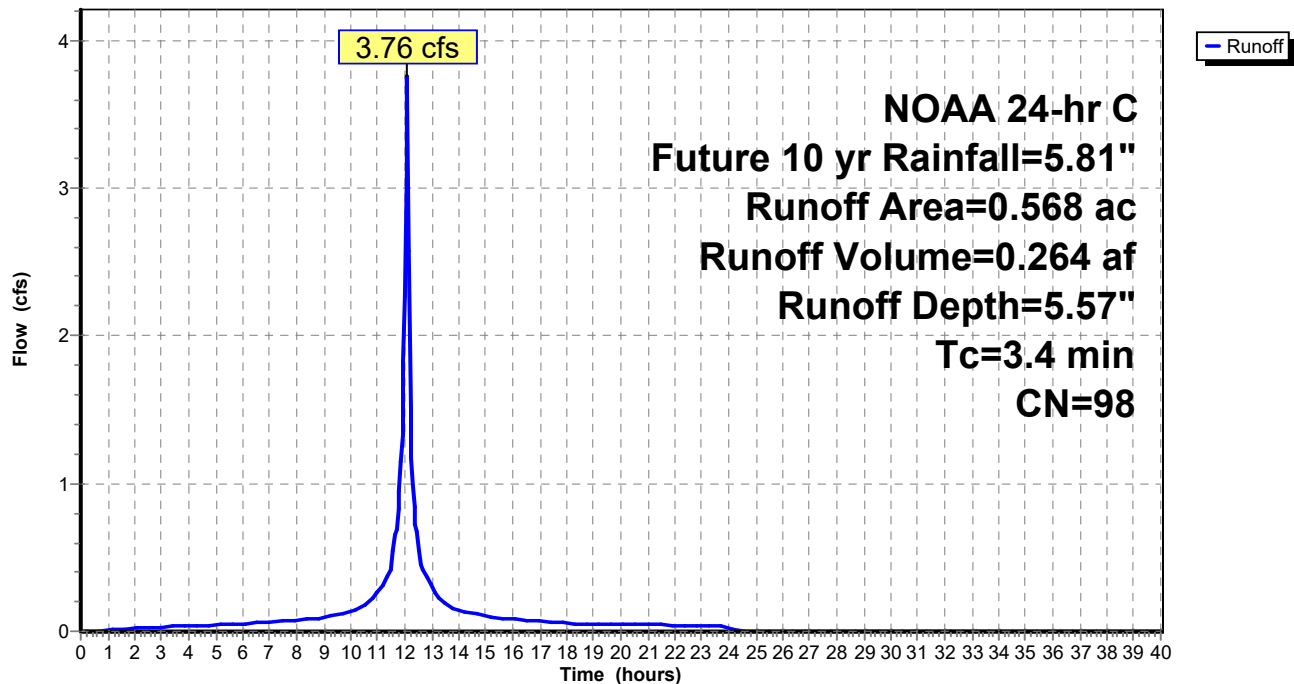
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
0.568		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.4					Direct Entry,

Subcatchment 2S: PDA-40 (impervious)

Hydrograph



Hydrograph for Subcatchment 2S: PDA-40 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.03
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.03
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.03
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.03
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.03
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.03
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.03
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.03
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.03
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.03
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.03
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.03
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.03
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.03
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.03
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.03
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.03
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.03
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.03
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.03
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.03
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.04
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.04
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.04
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.04
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.04
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.04
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.04
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.04
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.04
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.04
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.04
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.04
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.04
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.04
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.04
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.04
1.90	0.12	0.02	0.02	4.50	0.33	0.17	0.04
1.95	0.13	0.03	0.02	4.55	0.33	0.17	0.04
2.00	0.13	0.03	0.02	4.60	0.33	0.17	0.04
2.05	0.13	0.03	0.02	4.65	0.34	0.18	0.04
2.10	0.14	0.03	0.02	4.70	0.34	0.18	0.04
2.15	0.14	0.03	0.02	4.75	0.35	0.18	0.04
2.20	0.15	0.04	0.02	4.80	0.35	0.19	0.04
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.04
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.04
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.04
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.04
2.45	0.16	0.05	0.03	5.05	0.37	0.21	0.04
2.50	0.17	0.05	0.03	5.10	0.38	0.21	0.04
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.04

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.04	7.80	0.67	0.47	0.07
5.25	0.39	0.22	0.04	7.85	0.68	0.48	0.07
5.30	0.40	0.23	0.04	7.90	0.68	0.49	0.07
5.35	0.40	0.23	0.04	7.95	0.69	0.49	0.07
5.40	0.41	0.23	0.04	8.00	0.70	0.50	0.08
5.45	0.41	0.24	0.05	8.05	0.70	0.51	0.08
5.50	0.41	0.24	0.05	8.10	0.71	0.51	0.08
5.55	0.42	0.25	0.05	8.15	0.72	0.52	0.08
5.60	0.42	0.25	0.05	8.20	0.72	0.53	0.08
5.65	0.43	0.25	0.05	8.25	0.73	0.53	0.08
5.70	0.43	0.26	0.05	8.30	0.74	0.54	0.08
5.75	0.44	0.26	0.05	8.35	0.75	0.55	0.08
5.80	0.44	0.27	0.05	8.40	0.75	0.55	0.08
5.85	0.45	0.27	0.05	8.45	0.76	0.56	0.08
5.90	0.45	0.27	0.05	8.50	0.77	0.57	0.08
5.95	0.46	0.28	0.05	8.55	0.78	0.58	0.08
6.00	0.46	0.28	0.05	8.60	0.78	0.58	0.08
6.05	0.47	0.29	0.05	8.65	0.79	0.59	0.08
6.10	0.47	0.29	0.05	8.70	0.80	0.60	0.09
6.15	0.47	0.30	0.05	8.75	0.81	0.61	0.09
6.20	0.48	0.30	0.05	8.80	0.82	0.61	0.09
6.25	0.48	0.30	0.05	8.85	0.82	0.62	0.09
6.30	0.49	0.31	0.05	8.90	0.83	0.63	0.09
6.35	0.50	0.31	0.05	8.95	0.84	0.64	0.09
6.40	0.50	0.32	0.05	9.00	0.85	0.64	0.09
6.45	0.51	0.32	0.05	9.05	0.86	0.65	0.09
6.50	0.51	0.33	0.05	9.10	0.87	0.66	0.09
6.55	0.52	0.33	0.06	9.15	0.87	0.67	0.10
6.60	0.52	0.34	0.06	9.20	0.88	0.68	0.10
6.65	0.53	0.34	0.06	9.25	0.89	0.69	0.10
6.70	0.53	0.35	0.06	9.30	0.90	0.70	0.10
6.75	0.54	0.35	0.06	9.35	0.91	0.71	0.11
6.80	0.54	0.36	0.06	9.40	0.92	0.72	0.11
6.85	0.55	0.36	0.06	9.45	0.93	0.73	0.11
6.90	0.56	0.37	0.06	9.50	0.94	0.74	0.11
6.95	0.56	0.37	0.06	9.55	0.95	0.75	0.12
7.00	0.57	0.38	0.06	9.60	0.96	0.76	0.12
7.05	0.57	0.38	0.06	9.65	0.98	0.77	0.12
7.10	0.58	0.39	0.06	9.70	0.99	0.78	0.12
7.15	0.58	0.40	0.06	9.75	1.00	0.79	0.13
7.20	0.59	0.40	0.06	9.80	1.01	0.80	0.13
7.25	0.60	0.41	0.06	9.85	1.02	0.81	0.13
7.30	0.60	0.41	0.07	9.90	1.03	0.82	0.13
7.35	0.61	0.42	0.07	9.95	1.05	0.84	0.14
7.40	0.62	0.42	0.07	10.00	1.06	0.85	0.14
7.45	0.62	0.43	0.07	10.05	1.07	0.86	0.14
7.50	0.63	0.44	0.07	10.10	1.09	0.87	0.14
7.55	0.64	0.44	0.07	10.15	1.10	0.89	0.15
7.60	0.64	0.45	0.07	10.20	1.11	0.90	0.15
7.65	0.65	0.45	0.07	10.25	1.13	0.91	0.15
7.70	0.65	0.46	0.07	10.30	1.14	0.93	0.15
7.75	0.66	0.47	0.07	10.35	1.15	0.94	0.16

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.16	13.00	4.42	4.18	0.30
10.45	1.18	0.97	0.16	13.05	4.44	4.20	0.28
10.50	1.20	0.98	0.16	13.10	4.46	4.23	0.27
10.55	1.21	1.00	0.17	13.15	4.48	4.25	0.25
10.60	1.23	1.02	0.18	13.20	4.50	4.27	0.25
10.65	1.25	1.03	0.19	13.25	4.52	4.29	0.23
10.70	1.27	1.05	0.20	13.30	4.54	4.31	0.23
10.75	1.29	1.07	0.21	13.35	4.56	4.33	0.22
10.80	1.31	1.09	0.22	13.40	4.58	4.34	0.21
10.85	1.33	1.11	0.23	13.45	4.60	4.36	0.20
10.90	1.35	1.13	0.24	13.50	4.61	4.38	0.19
10.95	1.37	1.15	0.25	13.55	4.63	4.39	0.18
11.00	1.39	1.18	0.26	13.60	4.64	4.41	0.17
11.05	1.42	1.20	0.28	13.65	4.66	4.42	0.17
11.10	1.45	1.23	0.29	13.70	4.67	4.43	0.16
11.15	1.48	1.26	0.31	13.75	4.68	4.45	0.16
11.20	1.51	1.29	0.33	13.80	4.70	4.46	0.16
11.25	1.54	1.32	0.35	13.85	4.71	4.48	0.16
11.30	1.57	1.35	0.36	13.90	4.72	4.49	0.15
11.35	1.61	1.38	0.38	13.95	4.74	4.50	0.15
11.40	1.64	1.42	0.40	14.00	4.75	4.51	0.15
11.45	1.68	1.46	0.42	14.05	4.76	4.53	0.15
11.50	1.72	1.49	0.43	14.10	4.78	4.54	0.14
11.55	1.78	1.55	0.55	14.15	4.79	4.55	0.14
11.60	1.83	1.61	0.65	14.20	4.80	4.56	0.14
11.65	1.90	1.67	0.68	14.25	4.81	4.57	0.14
11.70	1.96	1.73	0.70	14.30	4.82	4.59	0.13
11.75	2.04	1.82	0.83	14.35	4.83	4.60	0.13
11.80	2.13	1.90	0.95	14.40	4.85	4.61	0.13
11.85	2.25	2.02	1.15	14.45	4.86	4.62	0.13
11.90	2.36	2.13	1.32	14.50	4.87	4.63	0.12
11.95	2.57	2.34	1.83	14.55	4.88	4.64	0.12
12.00	2.77	2.54	2.27	14.60	4.89	4.65	0.12
12.05	3.11	2.88	3.10	14.65	4.90	4.66	0.12
12.10	3.45	3.21	3.74	14.70	4.91	4.67	0.11
12.15	3.56	3.33	2.58	14.75	4.92	4.68	0.11
12.20	3.68	3.45	1.50	14.80	4.93	4.69	0.11
12.25	3.77	3.53	1.17	14.85	4.94	4.70	0.11
12.30	3.85	3.62	0.99	14.90	4.94	4.71	0.10
12.35	3.91	3.68	0.84	14.95	4.95	4.72	0.10
12.40	3.98	3.74	0.72	15.00	4.96	4.72	0.10
12.45	4.03	3.80	0.69	15.05	4.97	4.73	0.10
12.50	4.09	3.86	0.67	15.10	4.98	4.74	0.09
12.55	4.13	3.90	0.55	15.15	4.99	4.75	0.09
12.60	4.17	3.93	0.45	15.20	4.99	4.76	0.09
12.65	4.20	3.97	0.42	15.25	5.00	4.76	0.09
12.70	4.24	4.00	0.41	15.30	5.01	4.77	0.09
12.75	4.27	4.04	0.39	15.35	5.02	4.78	0.09
12.80	4.30	4.07	0.37	15.40	5.03	4.79	0.09
12.85	4.33	4.10	0.35	15.45	5.03	4.80	0.09
12.90	4.36	4.13	0.34	15.50	5.04	4.80	0.09
12.95	4.39	4.15	0.32	15.55	5.05	4.81	0.09

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.09	18.20	5.37	5.13	0.05
15.65	5.06	4.83	0.09	18.25	5.37	5.14	0.05
15.70	5.07	4.83	0.09	18.30	5.38	5.14	0.05
15.75	5.08	4.84	0.08	18.35	5.38	5.14	0.05
15.80	5.09	4.85	0.08	18.40	5.39	5.15	0.05
15.85	5.09	4.86	0.08	18.45	5.39	5.15	0.05
15.90	5.10	4.86	0.08	18.50	5.40	5.16	0.05
15.95	5.11	4.87	0.08	18.55	5.40	5.16	0.05
16.00	5.11	4.88	0.08	18.60	5.40	5.17	0.05
16.05	5.12	4.88	0.08	18.65	5.41	5.17	0.05
16.10	5.13	4.89	0.08	18.70	5.41	5.18	0.05
16.15	5.13	4.90	0.08	18.75	5.42	5.18	0.05
16.20	5.14	4.90	0.08	18.80	5.42	5.19	0.05
16.25	5.15	4.91	0.08	18.85	5.43	5.19	0.05
16.30	5.16	4.92	0.08	18.90	5.43	5.19	0.05
16.35	5.16	4.92	0.08	18.95	5.44	5.20	0.05
16.40	5.17	4.93	0.08	19.00	5.44	5.20	0.05
16.45	5.17	4.94	0.08	19.05	5.44	5.21	0.05
16.50	5.18	4.94	0.07	19.10	5.45	5.21	0.05
16.55	5.19	4.95	0.07	19.15	5.45	5.22	0.05
16.60	5.19	4.96	0.07	19.20	5.46	5.22	0.05
16.65	5.20	4.96	0.07	19.25	5.46	5.22	0.05
16.70	5.21	4.97	0.07	19.30	5.47	5.23	0.05
16.75	5.21	4.98	0.07	19.35	5.47	5.23	0.05
16.80	5.22	4.98	0.07	19.40	5.48	5.24	0.05
16.85	5.23	4.99	0.07	19.45	5.48	5.24	0.05
16.90	5.23	4.99	0.07	19.50	5.48	5.25	0.05
16.95	5.24	5.00	0.07	19.55	5.49	5.25	0.05
17.00	5.24	5.01	0.07	19.60	5.49	5.25	0.05
17.05	5.25	5.01	0.07	19.65	5.50	5.26	0.05
17.10	5.25	5.02	0.07	19.70	5.50	5.26	0.05
17.15	5.26	5.02	0.07	19.75	5.50	5.27	0.05
17.20	5.27	5.03	0.07	19.80	5.51	5.27	0.05
17.25	5.27	5.03	0.06	19.85	5.51	5.28	0.05
17.30	5.28	5.04	0.06	19.90	5.52	5.28	0.05
17.35	5.28	5.05	0.06	19.95	5.52	5.28	0.05
17.40	5.29	5.05	0.06	20.00	5.53	5.29	0.05
17.45	5.29	5.06	0.06	20.05	5.53	5.29	0.05
17.50	5.30	5.06	0.06	20.10	5.53	5.30	0.05
17.55	5.30	5.07	0.06	20.15	5.54	5.30	0.05
17.60	5.31	5.07	0.06	20.20	5.54	5.30	0.05
17.65	5.31	5.08	0.06	20.25	5.55	5.31	0.05
17.70	5.32	5.08	0.06	20.30	5.55	5.31	0.05
17.75	5.33	5.09	0.06	20.35	5.55	5.32	0.05
17.80	5.33	5.09	0.06	20.40	5.56	5.32	0.05
17.85	5.34	5.10	0.06	20.45	5.56	5.32	0.05
17.90	5.34	5.10	0.06	20.50	5.57	5.33	0.05
17.95	5.34	5.11	0.06	20.55	5.57	5.33	0.05
18.00	5.35	5.11	0.05	20.60	5.57	5.34	0.05
18.05	5.35	5.12	0.05	20.65	5.58	5.34	0.05
18.10	5.36	5.12	0.05	20.70	5.58	5.34	0.04
18.15	5.36	5.13	0.05	20.75	5.59	5.35	0.04

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.04	23.40	5.77	5.53	0.04
20.85	5.59	5.36	0.04	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.04	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.04	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.04	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.04	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.04	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.04	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.04	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.04	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.04	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.04	23.95	5.81	5.57	0.04
21.40	5.64	5.40	0.04	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.04	24.05	5.81	5.57	0.02
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.04	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.04	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.04	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.04	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.04	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.04	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.04	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.04	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.04	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.04	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.04	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.04	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.04	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.04	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.04	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.04	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.04	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.04	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.04	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.04	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.04	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.04	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.04	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 3S: PDA-36A (impervious)

Runoff = 3.73 cfs @ 12.07 hrs, Volume= 0.254 af, Depth= 5.57"
 Routed to Pond 2P : Underground Storage

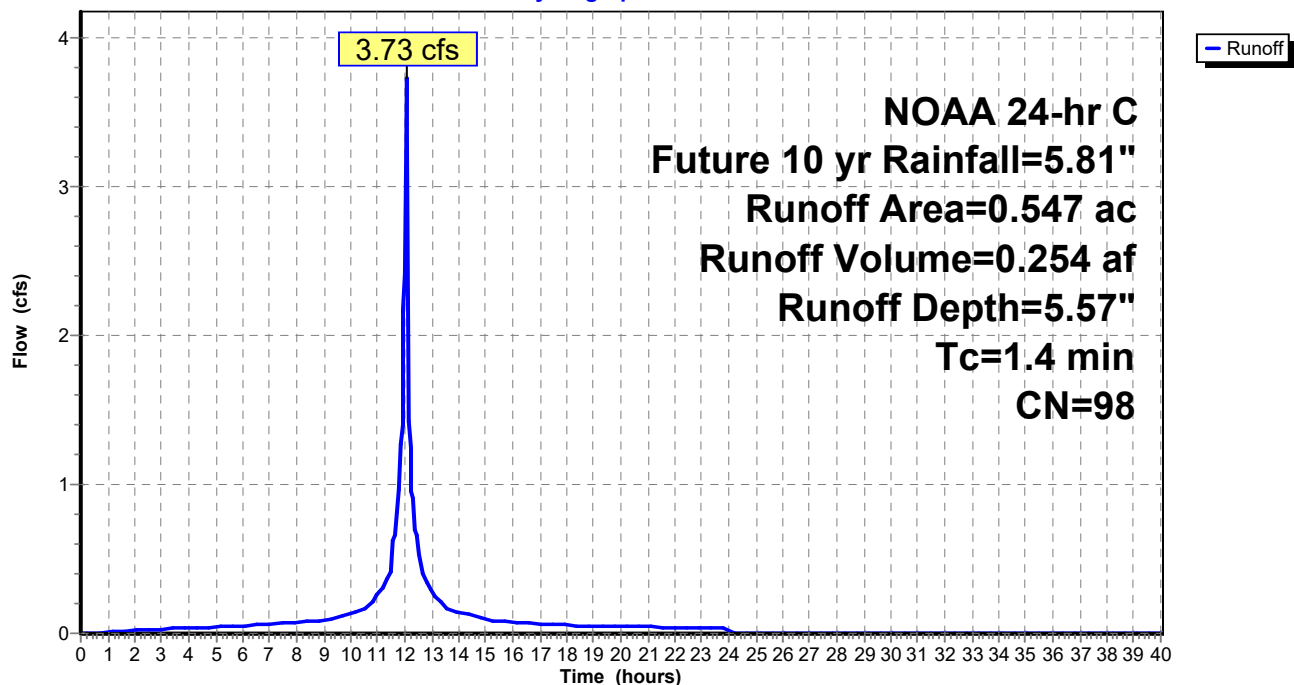
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.415	98	Pavement, HSG C
* 0.132	98	Sidewalks
0.547	98	Weighted Average
0.547		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 3S: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 3S: PDA-36A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.03
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.03
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.03
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.03
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.03
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.03
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.03
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.03
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.03
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.03
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.03
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.03
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.03
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.03
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.03
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.03
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.03
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.03
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.03
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.03
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.03
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.03
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.03
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.03
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.03
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.04
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.04
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.04
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.04
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.04
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.04
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.04
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.04
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.04
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.04
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.04
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.04
1.90	0.12	0.02	0.02	4.50	0.33	0.17	0.04
1.95	0.13	0.03	0.02	4.55	0.33	0.17	0.04
2.00	0.13	0.03	0.02	4.60	0.33	0.17	0.04
2.05	0.13	0.03	0.02	4.65	0.34	0.18	0.04
2.10	0.14	0.03	0.02	4.70	0.34	0.18	0.04
2.15	0.14	0.03	0.02	4.75	0.35	0.18	0.04
2.20	0.15	0.04	0.02	4.80	0.35	0.19	0.04
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.04
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.04
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.04
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.04
2.45	0.16	0.05	0.02	5.05	0.37	0.21	0.04
2.50	0.17	0.05	0.02	5.10	0.38	0.21	0.04
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.04

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.04	7.80	0.67	0.47	0.07
5.25	0.39	0.22	0.04	7.85	0.68	0.48	0.07
5.30	0.40	0.23	0.04	7.90	0.68	0.49	0.07
5.35	0.40	0.23	0.04	7.95	0.69	0.49	0.07
5.40	0.41	0.23	0.04	8.00	0.70	0.50	0.07
5.45	0.41	0.24	0.04	8.05	0.70	0.51	0.07
5.50	0.41	0.24	0.04	8.10	0.71	0.51	0.07
5.55	0.42	0.25	0.04	8.15	0.72	0.52	0.08
5.60	0.42	0.25	0.04	8.20	0.72	0.53	0.08
5.65	0.43	0.25	0.04	8.25	0.73	0.53	0.08
5.70	0.43	0.26	0.04	8.30	0.74	0.54	0.08
5.75	0.44	0.26	0.05	8.35	0.75	0.55	0.08
5.80	0.44	0.27	0.05	8.40	0.75	0.55	0.08
5.85	0.45	0.27	0.05	8.45	0.76	0.56	0.08
5.90	0.45	0.27	0.05	8.50	0.77	0.57	0.08
5.95	0.46	0.28	0.05	8.55	0.78	0.58	0.08
6.00	0.46	0.28	0.05	8.60	0.78	0.58	0.08
6.05	0.47	0.29	0.05	8.65	0.79	0.59	0.08
6.10	0.47	0.29	0.05	8.70	0.80	0.60	0.08
6.15	0.47	0.30	0.05	8.75	0.81	0.61	0.08
6.20	0.48	0.30	0.05	8.80	0.82	0.61	0.08
6.25	0.48	0.30	0.05	8.85	0.82	0.62	0.08
6.30	0.49	0.31	0.05	8.90	0.83	0.63	0.08
6.35	0.50	0.31	0.05	8.95	0.84	0.64	0.09
6.40	0.50	0.32	0.05	9.00	0.85	0.64	0.09
6.45	0.51	0.32	0.05	9.05	0.86	0.65	0.09
6.50	0.51	0.33	0.05	9.10	0.87	0.66	0.09
6.55	0.52	0.33	0.05	9.15	0.87	0.67	0.10
6.60	0.52	0.34	0.05	9.20	0.88	0.68	0.10
6.65	0.53	0.34	0.06	9.25	0.89	0.69	0.10
6.70	0.53	0.35	0.06	9.30	0.90	0.70	0.10
6.75	0.54	0.35	0.06	9.35	0.91	0.71	0.10
6.80	0.54	0.36	0.06	9.40	0.92	0.72	0.11
6.85	0.55	0.36	0.06	9.45	0.93	0.73	0.11
6.90	0.56	0.37	0.06	9.50	0.94	0.74	0.11
6.95	0.56	0.37	0.06	9.55	0.95	0.75	0.11
7.00	0.57	0.38	0.06	9.60	0.96	0.76	0.12
7.05	0.57	0.38	0.06	9.65	0.98	0.77	0.12
7.10	0.58	0.39	0.06	9.70	0.99	0.78	0.12
7.15	0.58	0.40	0.06	9.75	1.00	0.79	0.12
7.20	0.59	0.40	0.06	9.80	1.01	0.80	0.12
7.25	0.60	0.41	0.06	9.85	1.02	0.81	0.13
7.30	0.60	0.41	0.06	9.90	1.03	0.82	0.13
7.35	0.61	0.42	0.06	9.95	1.05	0.84	0.13
7.40	0.62	0.42	0.06	10.00	1.06	0.85	0.13
7.45	0.62	0.43	0.07	10.05	1.07	0.86	0.14
7.50	0.63	0.44	0.07	10.10	1.09	0.87	0.14
7.55	0.64	0.44	0.07	10.15	1.10	0.89	0.14
7.60	0.64	0.45	0.07	10.20	1.11	0.90	0.14
7.65	0.65	0.45	0.07	10.25	1.13	0.91	0.15
7.70	0.65	0.46	0.07	10.30	1.14	0.93	0.15
7.75	0.66	0.47	0.07	10.35	1.15	0.94	0.15

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.15	13.00	4.42	4.18	0.28
10.45	1.18	0.97	0.16	13.05	4.44	4.20	0.26
10.50	1.20	0.98	0.16	13.10	4.46	4.23	0.25
10.55	1.21	1.00	0.18	13.15	4.48	4.25	0.24
10.60	1.23	1.02	0.18	13.20	4.50	4.27	0.23
10.65	1.25	1.03	0.19	13.25	4.52	4.29	0.22
10.70	1.27	1.05	0.20	13.30	4.54	4.31	0.21
10.75	1.29	1.07	0.21	13.35	4.56	4.33	0.20
10.80	1.31	1.09	0.22	13.40	4.58	4.34	0.20
10.85	1.33	1.11	0.23	13.45	4.60	4.36	0.18
10.90	1.35	1.13	0.23	13.50	4.61	4.38	0.18
10.95	1.37	1.15	0.25	13.55	4.63	4.39	0.16
11.00	1.39	1.18	0.25	13.60	4.64	4.41	0.16
11.05	1.42	1.20	0.28	13.65	4.66	4.42	0.16
11.10	1.45	1.23	0.29	13.70	4.67	4.43	0.16
11.15	1.48	1.26	0.32	13.75	4.68	4.45	0.15
11.20	1.51	1.29	0.32	13.80	4.70	4.46	0.15
11.25	1.54	1.32	0.35	13.85	4.71	4.48	0.15
11.30	1.57	1.35	0.36	13.90	4.72	4.49	0.15
11.35	1.61	1.38	0.38	13.95	4.74	4.50	0.14
11.40	1.64	1.42	0.39	14.00	4.75	4.51	0.14
11.45	1.68	1.46	0.41	14.05	4.76	4.53	0.14
11.50	1.72	1.49	0.44	14.10	4.78	4.54	0.14
11.55	1.78	1.55	0.63	14.15	4.79	4.55	0.13
11.60	1.83	1.61	0.65	14.20	4.80	4.56	0.13
11.65	1.90	1.67	0.67	14.25	4.81	4.57	0.13
11.70	1.96	1.73	0.71	14.30	4.82	4.59	0.13
11.75	2.04	1.82	0.91	14.35	4.83	4.60	0.12
11.80	2.13	1.90	0.97	14.40	4.85	4.61	0.12
11.85	2.25	2.02	1.27	14.45	4.86	4.62	0.12
11.90	2.36	2.13	1.40	14.50	4.87	4.63	0.12
11.95	2.57	2.34	2.18	14.55	4.88	4.64	0.11
12.00	2.77	2.54	2.41	14.60	4.89	4.65	0.11
12.05	3.11	2.88	3.64	14.65	4.90	4.66	0.11
12.10	3.45	3.21	3.43	14.70	4.91	4.67	0.11
12.15	3.56	3.33	1.43	14.75	4.92	4.68	0.10
12.20	3.68	3.45	1.25	14.80	4.93	4.69	0.10
12.25	3.77	3.53	0.95	14.85	4.94	4.70	0.10
12.30	3.85	3.62	0.90	14.90	4.94	4.71	0.10
12.35	3.91	3.68	0.69	14.95	4.95	4.72	0.09
12.40	3.98	3.74	0.68	15.00	4.96	4.72	0.09
12.45	4.03	3.80	0.65	15.05	4.97	4.73	0.09
12.50	4.09	3.86	0.62	15.10	4.98	4.74	0.09
12.55	4.13	3.90	0.43	15.15	4.99	4.75	0.09
12.60	4.17	3.93	0.41	15.20	4.99	4.76	0.09
12.65	4.20	3.97	0.39	15.25	5.00	4.76	0.09
12.70	4.24	4.00	0.39	15.30	5.01	4.77	0.09
12.75	4.27	4.04	0.36	15.35	5.02	4.78	0.09
12.80	4.30	4.07	0.35	15.40	5.03	4.79	0.09
12.85	4.33	4.10	0.32	15.45	5.03	4.80	0.08
12.90	4.36	4.13	0.32	15.50	5.04	4.80	0.08
12.95	4.39	4.15	0.29	15.55	5.05	4.81	0.08

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.08	18.20	5.37	5.13	0.05
15.65	5.06	4.83	0.08	18.25	5.37	5.14	0.05
15.70	5.07	4.83	0.08	18.30	5.38	5.14	0.05
15.75	5.08	4.84	0.08	18.35	5.38	5.14	0.05
15.80	5.09	4.85	0.08	18.40	5.39	5.15	0.05
15.85	5.09	4.86	0.08	18.45	5.39	5.15	0.05
15.90	5.10	4.86	0.08	18.50	5.40	5.16	0.05
15.95	5.11	4.87	0.08	18.55	5.40	5.16	0.05
16.00	5.11	4.88	0.08	18.60	5.40	5.17	0.05
16.05	5.12	4.88	0.08	18.65	5.41	5.17	0.05
16.10	5.13	4.89	0.08	18.70	5.41	5.18	0.05
16.15	5.13	4.90	0.08	18.75	5.42	5.18	0.05
16.20	5.14	4.90	0.08	18.80	5.42	5.19	0.05
16.25	5.15	4.91	0.07	18.85	5.43	5.19	0.05
16.30	5.16	4.92	0.07	18.90	5.43	5.19	0.05
16.35	5.16	4.92	0.07	18.95	5.44	5.20	0.05
16.40	5.17	4.93	0.07	19.00	5.44	5.20	0.05
16.45	5.17	4.94	0.07	19.05	5.44	5.21	0.05
16.50	5.18	4.94	0.07	19.10	5.45	5.21	0.05
16.55	5.19	4.95	0.07	19.15	5.45	5.22	0.05
16.60	5.19	4.96	0.07	19.20	5.46	5.22	0.05
16.65	5.20	4.96	0.07	19.25	5.46	5.22	0.05
16.70	5.21	4.97	0.07	19.30	5.47	5.23	0.05
16.75	5.21	4.98	0.07	19.35	5.47	5.23	0.05
16.80	5.22	4.98	0.07	19.40	5.48	5.24	0.05
16.85	5.23	4.99	0.07	19.45	5.48	5.24	0.05
16.90	5.23	4.99	0.07	19.50	5.48	5.25	0.05
16.95	5.24	5.00	0.07	19.55	5.49	5.25	0.05
17.00	5.24	5.01	0.07	19.60	5.49	5.25	0.05
17.05	5.25	5.01	0.06	19.65	5.50	5.26	0.05
17.10	5.25	5.02	0.06	19.70	5.50	5.26	0.05
17.15	5.26	5.02	0.06	19.75	5.50	5.27	0.05
17.20	5.27	5.03	0.06	19.80	5.51	5.27	0.05
17.25	5.27	5.03	0.06	19.85	5.51	5.28	0.05
17.30	5.28	5.04	0.06	19.90	5.52	5.28	0.05
17.35	5.28	5.05	0.06	19.95	5.52	5.28	0.05
17.40	5.29	5.05	0.06	20.00	5.53	5.29	0.05
17.45	5.29	5.06	0.06	20.05	5.53	5.29	0.05
17.50	5.30	5.06	0.06	20.10	5.53	5.30	0.05
17.55	5.30	5.07	0.06	20.15	5.54	5.30	0.04
17.60	5.31	5.07	0.06	20.20	5.54	5.30	0.04
17.65	5.31	5.08	0.06	20.25	5.55	5.31	0.04
17.70	5.32	5.08	0.06	20.30	5.55	5.31	0.04
17.75	5.33	5.09	0.06	20.35	5.55	5.32	0.04
17.80	5.33	5.09	0.06	20.40	5.56	5.32	0.04
17.85	5.34	5.10	0.05	20.45	5.56	5.32	0.04
17.90	5.34	5.10	0.05	20.50	5.57	5.33	0.04
17.95	5.34	5.11	0.05	20.55	5.57	5.33	0.04
18.00	5.35	5.11	0.05	20.60	5.57	5.34	0.04
18.05	5.35	5.12	0.05	20.65	5.58	5.34	0.04
18.10	5.36	5.12	0.05	20.70	5.58	5.34	0.04
18.15	5.36	5.13	0.05	20.75	5.59	5.35	0.04

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.04	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.04	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.04	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.04	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.04	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.04	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.04	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.04	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.04	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.04	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.04	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.04	23.95	5.81	5.57	0.04
21.40	5.64	5.40	0.04	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.04	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.04	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.04	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.04	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.04	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.04	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.04	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.04	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.04	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.04	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.04	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.04	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.04	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.04	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.04	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.04	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.04	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.04	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.04	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.04	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.04	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 4S: PDA-39 (impervious)

Runoff = 3.93 cfs @ 12.08 hrs, Volume= 0.264 af, Depth= 5.57"
 Routed to Pond 3P : Underground Storage

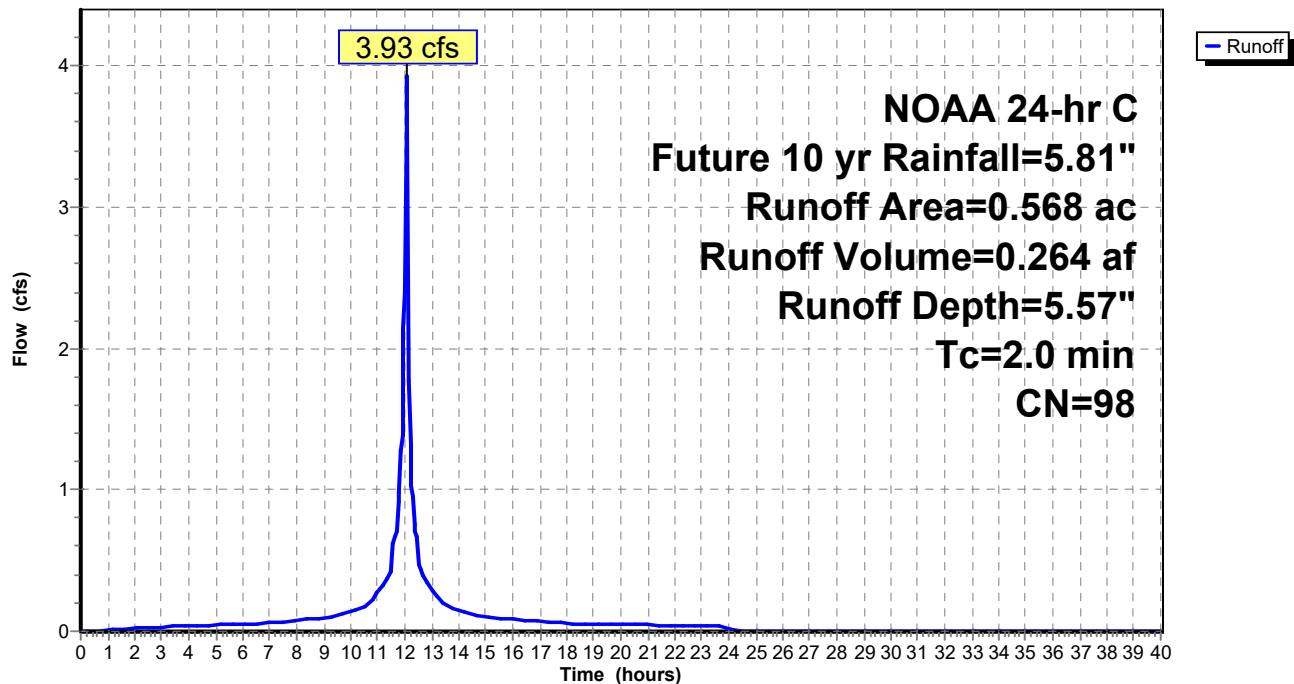
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
0.568		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.0					Direct Entry,

Subcatchment 4S: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 4S: PDA-39 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.03
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.03
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.03
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.03
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.03
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.03
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.03
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.03
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.03
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.03
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.03
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.03
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.03
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.03
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.03
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.03
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.03
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.03
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.03
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.03
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.03
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.04
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.04
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.04
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.04
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.04
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.04
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.04
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.04
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.04
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.04
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.04
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.04
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.04
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.04
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.04
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.04
1.90	0.12	0.02	0.02	4.50	0.33	0.17	0.04
1.95	0.13	0.03	0.02	4.55	0.33	0.17	0.04
2.00	0.13	0.03	0.02	4.60	0.33	0.17	0.04
2.05	0.13	0.03	0.02	4.65	0.34	0.18	0.04
2.10	0.14	0.03	0.02	4.70	0.34	0.18	0.04
2.15	0.14	0.03	0.02	4.75	0.35	0.18	0.04
2.20	0.15	0.04	0.02	4.80	0.35	0.19	0.04
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.04
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.04
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.04
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.04
2.45	0.16	0.05	0.03	5.05	0.37	0.21	0.04
2.50	0.17	0.05	0.03	5.10	0.38	0.21	0.04
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.04

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.04	7.80	0.67	0.47	0.07
5.25	0.39	0.22	0.04	7.85	0.68	0.48	0.07
5.30	0.40	0.23	0.04	7.90	0.68	0.49	0.07
5.35	0.40	0.23	0.04	7.95	0.69	0.49	0.08
5.40	0.41	0.23	0.04	8.00	0.70	0.50	0.08
5.45	0.41	0.24	0.05	8.05	0.70	0.51	0.08
5.50	0.41	0.24	0.05	8.10	0.71	0.51	0.08
5.55	0.42	0.25	0.05	8.15	0.72	0.52	0.08
5.60	0.42	0.25	0.05	8.20	0.72	0.53	0.08
5.65	0.43	0.25	0.05	8.25	0.73	0.53	0.08
5.70	0.43	0.26	0.05	8.30	0.74	0.54	0.08
5.75	0.44	0.26	0.05	8.35	0.75	0.55	0.08
5.80	0.44	0.27	0.05	8.40	0.75	0.55	0.08
5.85	0.45	0.27	0.05	8.45	0.76	0.56	0.08
5.90	0.45	0.27	0.05	8.50	0.77	0.57	0.08
5.95	0.46	0.28	0.05	8.55	0.78	0.58	0.08
6.00	0.46	0.28	0.05	8.60	0.78	0.58	0.08
6.05	0.47	0.29	0.05	8.65	0.79	0.59	0.09
6.10	0.47	0.29	0.05	8.70	0.80	0.60	0.09
6.15	0.47	0.30	0.05	8.75	0.81	0.61	0.09
6.20	0.48	0.30	0.05	8.80	0.82	0.61	0.09
6.25	0.48	0.30	0.05	8.85	0.82	0.62	0.09
6.30	0.49	0.31	0.05	8.90	0.83	0.63	0.09
6.35	0.50	0.31	0.05	8.95	0.84	0.64	0.09
6.40	0.50	0.32	0.05	9.00	0.85	0.64	0.09
6.45	0.51	0.32	0.05	9.05	0.86	0.65	0.09
6.50	0.51	0.33	0.05	9.10	0.87	0.66	0.09
6.55	0.52	0.33	0.06	9.15	0.87	0.67	0.10
6.60	0.52	0.34	0.06	9.20	0.88	0.68	0.10
6.65	0.53	0.34	0.06	9.25	0.89	0.69	0.10
6.70	0.53	0.35	0.06	9.30	0.90	0.70	0.10
6.75	0.54	0.35	0.06	9.35	0.91	0.71	0.11
6.80	0.54	0.36	0.06	9.40	0.92	0.72	0.11
6.85	0.55	0.36	0.06	9.45	0.93	0.73	0.11
6.90	0.56	0.37	0.06	9.50	0.94	0.74	0.11
6.95	0.56	0.37	0.06	9.55	0.95	0.75	0.12
7.00	0.57	0.38	0.06	9.60	0.96	0.76	0.12
7.05	0.57	0.38	0.06	9.65	0.98	0.77	0.12
7.10	0.58	0.39	0.06	9.70	0.99	0.78	0.12
7.15	0.58	0.40	0.06	9.75	1.00	0.79	0.13
7.20	0.59	0.40	0.06	9.80	1.01	0.80	0.13
7.25	0.60	0.41	0.07	9.85	1.02	0.81	0.13
7.30	0.60	0.41	0.07	9.90	1.03	0.82	0.13
7.35	0.61	0.42	0.07	9.95	1.05	0.84	0.14
7.40	0.62	0.42	0.07	10.00	1.06	0.85	0.14
7.45	0.62	0.43	0.07	10.05	1.07	0.86	0.14
7.50	0.63	0.44	0.07	10.10	1.09	0.87	0.14
7.55	0.64	0.44	0.07	10.15	1.10	0.89	0.15
7.60	0.64	0.45	0.07	10.20	1.11	0.90	0.15
7.65	0.65	0.45	0.07	10.25	1.13	0.91	0.15
7.70	0.65	0.46	0.07	10.30	1.14	0.93	0.15
7.75	0.66	0.47	0.07	10.35	1.15	0.94	0.16

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.16	13.00	4.42	4.18	0.30
10.45	1.18	0.97	0.16	13.05	4.44	4.20	0.27
10.50	1.20	0.98	0.17	13.10	4.46	4.23	0.26
10.55	1.21	1.00	0.18	13.15	4.48	4.25	0.25
10.60	1.23	1.02	0.18	13.20	4.50	4.27	0.24
10.65	1.25	1.03	0.20	13.25	4.52	4.29	0.23
10.70	1.27	1.05	0.20	13.30	4.54	4.31	0.22
10.75	1.29	1.07	0.22	13.35	4.56	4.33	0.21
10.80	1.31	1.09	0.22	13.40	4.58	4.34	0.20
10.85	1.33	1.11	0.24	13.45	4.60	4.36	0.19
10.90	1.35	1.13	0.24	13.50	4.61	4.38	0.19
10.95	1.37	1.15	0.26	13.55	4.63	4.39	0.17
11.00	1.39	1.18	0.26	13.60	4.64	4.41	0.17
11.05	1.42	1.20	0.29	13.65	4.66	4.42	0.16
11.10	1.45	1.23	0.30	13.70	4.67	4.43	0.16
11.15	1.48	1.26	0.32	13.75	4.68	4.45	0.16
11.20	1.51	1.29	0.33	13.80	4.70	4.46	0.16
11.25	1.54	1.32	0.36	13.85	4.71	4.48	0.15
11.30	1.57	1.35	0.37	13.90	4.72	4.49	0.15
11.35	1.61	1.38	0.40	13.95	4.74	4.50	0.15
11.40	1.64	1.42	0.40	14.00	4.75	4.51	0.15
11.45	1.68	1.46	0.42	14.05	4.76	4.53	0.14
11.50	1.72	1.49	0.44	14.10	4.78	4.54	0.14
11.55	1.78	1.55	0.63	14.15	4.79	4.55	0.14
11.60	1.83	1.61	0.67	14.20	4.80	4.56	0.14
11.65	1.90	1.67	0.70	14.25	4.81	4.57	0.13
11.70	1.96	1.73	0.72	14.30	4.82	4.59	0.13
11.75	2.04	1.82	0.92	14.35	4.83	4.60	0.13
11.80	2.13	1.90	0.98	14.40	4.85	4.61	0.13
11.85	2.25	2.02	1.27	14.45	4.86	4.62	0.12
11.90	2.36	2.13	1.39	14.50	4.87	4.63	0.12
11.95	2.57	2.34	2.15	14.55	4.88	4.64	0.12
12.00	2.77	2.54	2.39	14.60	4.89	4.65	0.12
12.05	3.11	2.88	3.61	14.65	4.90	4.66	0.11
12.10	3.45	3.21	3.73	14.70	4.91	4.67	0.11
12.15	3.56	3.33	1.77	14.75	4.92	4.68	0.11
12.20	3.68	3.45	1.33	14.80	4.93	4.69	0.11
12.25	3.77	3.53	1.03	14.85	4.94	4.70	0.10
12.30	3.85	3.62	0.96	14.90	4.94	4.71	0.10
12.35	3.91	3.68	0.75	14.95	4.95	4.72	0.10
12.40	3.98	3.74	0.71	15.00	4.96	4.72	0.10
12.45	4.03	3.80	0.68	15.05	4.97	4.73	0.09
12.50	4.09	3.86	0.66	15.10	4.98	4.74	0.09
12.55	4.13	3.90	0.47	15.15	4.99	4.75	0.09
12.60	4.17	3.93	0.43	15.20	4.99	4.76	0.09
12.65	4.20	3.97	0.41	15.25	5.00	4.76	0.09
12.70	4.24	4.00	0.40	15.30	5.01	4.77	0.09
12.75	4.27	4.04	0.38	15.35	5.02	4.78	0.09
12.80	4.30	4.07	0.37	15.40	5.03	4.79	0.09
12.85	4.33	4.10	0.34	15.45	5.03	4.80	0.09
12.90	4.36	4.13	0.33	15.50	5.04	4.80	0.09
12.95	4.39	4.15	0.30	15.55	5.05	4.81	0.09

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.09	18.20	5.37	5.13	0.05
15.65	5.06	4.83	0.09	18.25	5.37	5.14	0.05
15.70	5.07	4.83	0.08	18.30	5.38	5.14	0.05
15.75	5.08	4.84	0.08	18.35	5.38	5.14	0.05
15.80	5.09	4.85	0.08	18.40	5.39	5.15	0.05
15.85	5.09	4.86	0.08	18.45	5.39	5.15	0.05
15.90	5.10	4.86	0.08	18.50	5.40	5.16	0.05
15.95	5.11	4.87	0.08	18.55	5.40	5.16	0.05
16.00	5.11	4.88	0.08	18.60	5.40	5.17	0.05
16.05	5.12	4.88	0.08	18.65	5.41	5.17	0.05
16.10	5.13	4.89	0.08	18.70	5.41	5.18	0.05
16.15	5.13	4.90	0.08	18.75	5.42	5.18	0.05
16.20	5.14	4.90	0.08	18.80	5.42	5.19	0.05
16.25	5.15	4.91	0.08	18.85	5.43	5.19	0.05
16.30	5.16	4.92	0.08	18.90	5.43	5.19	0.05
16.35	5.16	4.92	0.08	18.95	5.44	5.20	0.05
16.40	5.17	4.93	0.08	19.00	5.44	5.20	0.05
16.45	5.17	4.94	0.07	19.05	5.44	5.21	0.05
16.50	5.18	4.94	0.07	19.10	5.45	5.21	0.05
16.55	5.19	4.95	0.07	19.15	5.45	5.22	0.05
16.60	5.19	4.96	0.07	19.20	5.46	5.22	0.05
16.65	5.20	4.96	0.07	19.25	5.46	5.22	0.05
16.70	5.21	4.97	0.07	19.30	5.47	5.23	0.05
16.75	5.21	4.98	0.07	19.35	5.47	5.23	0.05
16.80	5.22	4.98	0.07	19.40	5.48	5.24	0.05
16.85	5.23	4.99	0.07	19.45	5.48	5.24	0.05
16.90	5.23	4.99	0.07	19.50	5.48	5.25	0.05
16.95	5.24	5.00	0.07	19.55	5.49	5.25	0.05
17.00	5.24	5.01	0.07	19.60	5.49	5.25	0.05
17.05	5.25	5.01	0.07	19.65	5.50	5.26	0.05
17.10	5.25	5.02	0.07	19.70	5.50	5.26	0.05
17.15	5.26	5.02	0.07	19.75	5.50	5.27	0.05
17.20	5.27	5.03	0.07	19.80	5.51	5.27	0.05
17.25	5.27	5.03	0.06	19.85	5.51	5.28	0.05
17.30	5.28	5.04	0.06	19.90	5.52	5.28	0.05
17.35	5.28	5.05	0.06	19.95	5.52	5.28	0.05
17.40	5.29	5.05	0.06	20.00	5.53	5.29	0.05
17.45	5.29	5.06	0.06	20.05	5.53	5.29	0.05
17.50	5.30	5.06	0.06	20.10	5.53	5.30	0.05
17.55	5.30	5.07	0.06	20.15	5.54	5.30	0.05
17.60	5.31	5.07	0.06	20.20	5.54	5.30	0.05
17.65	5.31	5.08	0.06	20.25	5.55	5.31	0.05
17.70	5.32	5.08	0.06	20.30	5.55	5.31	0.05
17.75	5.33	5.09	0.06	20.35	5.55	5.32	0.05
17.80	5.33	5.09	0.06	20.40	5.56	5.32	0.05
17.85	5.34	5.10	0.06	20.45	5.56	5.32	0.05
17.90	5.34	5.10	0.06	20.50	5.57	5.33	0.05
17.95	5.34	5.11	0.06	20.55	5.57	5.33	0.05
18.00	5.35	5.11	0.05	20.60	5.57	5.34	0.05
18.05	5.35	5.12	0.05	20.65	5.58	5.34	0.04
18.10	5.36	5.12	0.05	20.70	5.58	5.34	0.04
18.15	5.36	5.13	0.05	20.75	5.59	5.35	0.04

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.04	23.40	5.77	5.53	0.04
20.85	5.59	5.36	0.04	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.04	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.04	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.04	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.04	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.04	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.04	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.04	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.04	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.04	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.04	23.95	5.81	5.57	0.04
21.40	5.64	5.40	0.04	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.04	24.05	5.81	5.57	0.01
21.50	5.64	5.40	0.04	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.04	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.04	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.04	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.04	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.04	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.04	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.04	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.04	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.04	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.04	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.04	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.04	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.04	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.04	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.04	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.04	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.04	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.04	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.04	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.04	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.04	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.04	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.04	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.04	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.04	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.04	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.04	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.04	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.04	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.04	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.04	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 5S: PDA-36A (pervious)

Runoff = 1.58 cfs @ 12.11 hrs, Volume= 0.098 af, Depth= 3.03"
 Routed to Pond 2P : Underground Storage

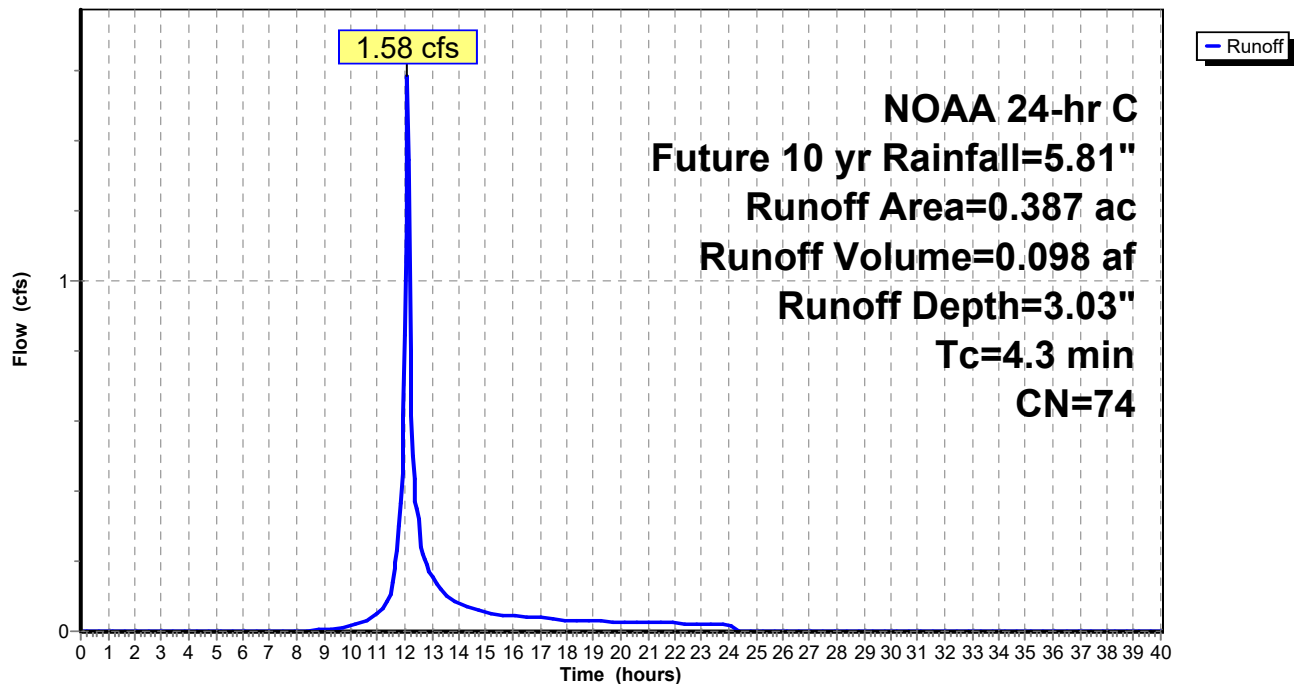
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.387	74	>75% Grass cover, Good, HSG C
0.387		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 5S: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 5S: PDA-36A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.00
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.00
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.00
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.00
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.00
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.00
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.00
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.01
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.01
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.01
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.01
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.01
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.01
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.01
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.01
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.01
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.01
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.01
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.01
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.01
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.02
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.02
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.02
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.02
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.02
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.02
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.02
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.02
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.02

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.02	13.00	4.42	1.91	0.16
10.45	1.18	0.06	0.02	13.05	4.44	1.93	0.15
10.50	1.20	0.06	0.03	13.10	4.46	1.94	0.14
10.55	1.21	0.06	0.03	13.15	4.48	1.96	0.13
10.60	1.23	0.07	0.03	13.20	4.50	1.98	0.13
10.65	1.25	0.07	0.03	13.25	4.52	1.99	0.12
10.70	1.27	0.08	0.03	13.30	4.54	2.01	0.12
10.75	1.29	0.08	0.04	13.35	4.56	2.02	0.12
10.80	1.31	0.09	0.04	13.40	4.58	2.03	0.11
10.85	1.33	0.09	0.04	13.45	4.60	2.05	0.11
10.90	1.35	0.10	0.05	13.50	4.61	2.06	0.10
10.95	1.37	0.11	0.05	13.55	4.63	2.07	0.10
11.00	1.39	0.11	0.05	13.60	4.64	2.08	0.09
11.05	1.42	0.12	0.06	13.65	4.66	2.09	0.09
11.10	1.45	0.13	0.06	13.70	4.67	2.10	0.09
11.15	1.48	0.14	0.07	13.75	4.68	2.12	0.09
11.20	1.51	0.15	0.07	13.80	4.70	2.13	0.08
11.25	1.54	0.16	0.08	13.85	4.71	2.14	0.08
11.30	1.57	0.17	0.09	13.90	4.72	2.15	0.08
11.35	1.61	0.18	0.09	13.95	4.74	2.16	0.08
11.40	1.64	0.20	0.10	14.00	4.75	2.17	0.08
11.45	1.68	0.21	0.11	14.05	4.76	2.18	0.08
11.50	1.72	0.23	0.11	14.10	4.78	2.19	0.08
11.55	1.78	0.25	0.14	14.15	4.79	2.20	0.08
11.60	1.83	0.28	0.18	14.20	4.80	2.21	0.07
11.65	1.90	0.30	0.20	14.25	4.81	2.21	0.07
11.70	1.96	0.33	0.21	14.30	4.82	2.22	0.07
11.75	2.04	0.37	0.25	14.35	4.83	2.23	0.07
11.80	2.13	0.41	0.30	14.40	4.85	2.24	0.07
11.85	2.25	0.47	0.37	14.45	4.86	2.25	0.07
11.90	2.36	0.53	0.45	14.50	4.87	2.26	0.07
11.95	2.57	0.65	0.61	14.55	4.88	2.27	0.07
12.00	2.77	0.77	0.84	14.60	4.89	2.27	0.06
12.05	3.11	0.98	1.16	14.65	4.90	2.28	0.06
12.10	3.45	1.20	1.58	14.70	4.91	2.29	0.06
12.15	3.56	1.28	1.35	14.75	4.92	2.30	0.06
12.20	3.68	1.37	0.80	14.80	4.93	2.31	0.06
12.25	3.77	1.43	0.61	14.85	4.94	2.31	0.06
12.30	3.85	1.49	0.50	14.90	4.94	2.32	0.06
12.35	3.91	1.53	0.44	14.95	4.95	2.33	0.05
12.40	3.98	1.58	0.37	15.00	4.96	2.33	0.05
12.45	4.03	1.62	0.35	15.05	4.97	2.34	0.05
12.50	4.09	1.67	0.34	15.10	4.98	2.35	0.05
12.55	4.13	1.69	0.30	15.15	4.99	2.35	0.05
12.60	4.17	1.72	0.24	15.20	4.99	2.36	0.05
12.65	4.20	1.75	0.22	15.25	5.00	2.37	0.05
12.70	4.24	1.77	0.21	15.30	5.01	2.37	0.05
12.75	4.27	1.80	0.20	15.35	5.02	2.38	0.05
12.80	4.30	1.82	0.19	15.40	5.03	2.38	0.05
12.85	4.33	1.85	0.19	15.45	5.03	2.39	0.05
12.90	4.36	1.87	0.18	15.50	5.04	2.40	0.05
12.95	4.39	1.89	0.17	15.55	5.05	2.40	0.05

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.05	18.20	5.37	2.66	0.03
15.65	5.06	2.41	0.05	18.25	5.37	2.67	0.03
15.70	5.07	2.42	0.05	18.30	5.38	2.67	0.03
15.75	5.08	2.43	0.05	18.35	5.38	2.67	0.03
15.80	5.09	2.43	0.05	18.40	5.39	2.68	0.03
15.85	5.09	2.44	0.05	18.45	5.39	2.68	0.03
15.90	5.10	2.44	0.05	18.50	5.40	2.68	0.03
15.95	5.11	2.45	0.05	18.55	5.40	2.69	0.03
16.00	5.11	2.46	0.04	18.60	5.40	2.69	0.03
16.05	5.12	2.46	0.04	18.65	5.41	2.69	0.03
16.10	5.13	2.47	0.04	18.70	5.41	2.70	0.03
16.15	5.13	2.47	0.04	18.75	5.42	2.70	0.03
16.20	5.14	2.48	0.04	18.80	5.42	2.71	0.03
16.25	5.15	2.48	0.04	18.85	5.43	2.71	0.03
16.30	5.16	2.49	0.04	18.90	5.43	2.71	0.03
16.35	5.16	2.49	0.04	18.95	5.44	2.72	0.03
16.40	5.17	2.50	0.04	19.00	5.44	2.72	0.03
16.45	5.17	2.50	0.04	19.05	5.44	2.72	0.03
16.50	5.18	2.51	0.04	19.10	5.45	2.73	0.03
16.55	5.19	2.52	0.04	19.15	5.45	2.73	0.03
16.60	5.19	2.52	0.04	19.20	5.46	2.73	0.03
16.65	5.20	2.53	0.04	19.25	5.46	2.74	0.03
16.70	5.21	2.53	0.04	19.30	5.47	2.74	0.03
16.75	5.21	2.54	0.04	19.35	5.47	2.75	0.03
16.80	5.22	2.54	0.04	19.40	5.48	2.75	0.03
16.85	5.23	2.55	0.04	19.45	5.48	2.75	0.03
16.90	5.23	2.55	0.04	19.50	5.48	2.76	0.03
16.95	5.24	2.55	0.04	19.55	5.49	2.76	0.03
17.00	5.24	2.56	0.04	19.60	5.49	2.76	0.03
17.05	5.25	2.56	0.04	19.65	5.50	2.77	0.03
17.10	5.25	2.57	0.04	19.70	5.50	2.77	0.03
17.15	5.26	2.57	0.04	19.75	5.50	2.77	0.03
17.20	5.27	2.58	0.04	19.80	5.51	2.78	0.03
17.25	5.27	2.58	0.04	19.85	5.51	2.78	0.03
17.30	5.28	2.59	0.04	19.90	5.52	2.78	0.03
17.35	5.28	2.59	0.04	19.95	5.52	2.79	0.03
17.40	5.29	2.60	0.03	20.00	5.53	2.79	0.03
17.45	5.29	2.60	0.03	20.05	5.53	2.79	0.03
17.50	5.30	2.61	0.03	20.10	5.53	2.80	0.03
17.55	5.30	2.61	0.03	20.15	5.54	2.80	0.03
17.60	5.31	2.61	0.03	20.20	5.54	2.80	0.03
17.65	5.31	2.62	0.03	20.25	5.55	2.81	0.03
17.70	5.32	2.62	0.03	20.30	5.55	2.81	0.03
17.75	5.33	2.63	0.03	20.35	5.55	2.81	0.03
17.80	5.33	2.63	0.03	20.40	5.56	2.82	0.03
17.85	5.34	2.63	0.03	20.45	5.56	2.82	0.03
17.90	5.34	2.64	0.03	20.50	5.57	2.82	0.03
17.95	5.34	2.64	0.03	20.55	5.57	2.83	0.03
18.00	5.35	2.65	0.03	20.60	5.57	2.83	0.03
18.05	5.35	2.65	0.03	20.65	5.58	2.83	0.03
18.10	5.36	2.65	0.03	20.70	5.58	2.84	0.03
18.15	5.36	2.66	0.03	20.75	5.59	2.84	0.03

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.03	23.40	5.77	2.99	0.02
20.85	5.59	2.85	0.03	23.45	5.78	3.00	0.02
20.90	5.60	2.85	0.02	23.50	5.78	3.00	0.02
20.95	5.60	2.85	0.02	23.55	5.78	3.00	0.02
21.00	5.61	2.86	0.02	23.60	5.78	3.00	0.02
21.05	5.61	2.86	0.02	23.65	5.79	3.01	0.02
21.10	5.61	2.86	0.02	23.70	5.79	3.01	0.02
21.15	5.62	2.87	0.02	23.75	5.79	3.01	0.02
21.20	5.62	2.87	0.02	23.80	5.80	3.01	0.02
21.25	5.62	2.87	0.02	23.85	5.80	3.02	0.02
21.30	5.63	2.87	0.02	23.90	5.80	3.02	0.02
21.35	5.63	2.88	0.02	23.95	5.81	3.02	0.02
21.40	5.64	2.88	0.02	24.00	5.81	3.03	0.02
21.45	5.64	2.88	0.02	24.05	5.81	3.03	0.02
21.50	5.64	2.89	0.02	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.02	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.02	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.02	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.02	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.02	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.02	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.02	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.02	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.02	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.02	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.02	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.02	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.02	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.02	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.02	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.02	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.02	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.02	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.02	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.02	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.02	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.02	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.02	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.02	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.02	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.02	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.02	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.02	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.02	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.02	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.02	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.02	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.02	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.02	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.02	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.02	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.02	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 29I: PDA-29 (impervious)

Runoff = 2.45 cfs @ 12.10 hrs, Volume= 0.175 af, Depth= 5.57"
 Routed to Pond B-29 : Basin #29

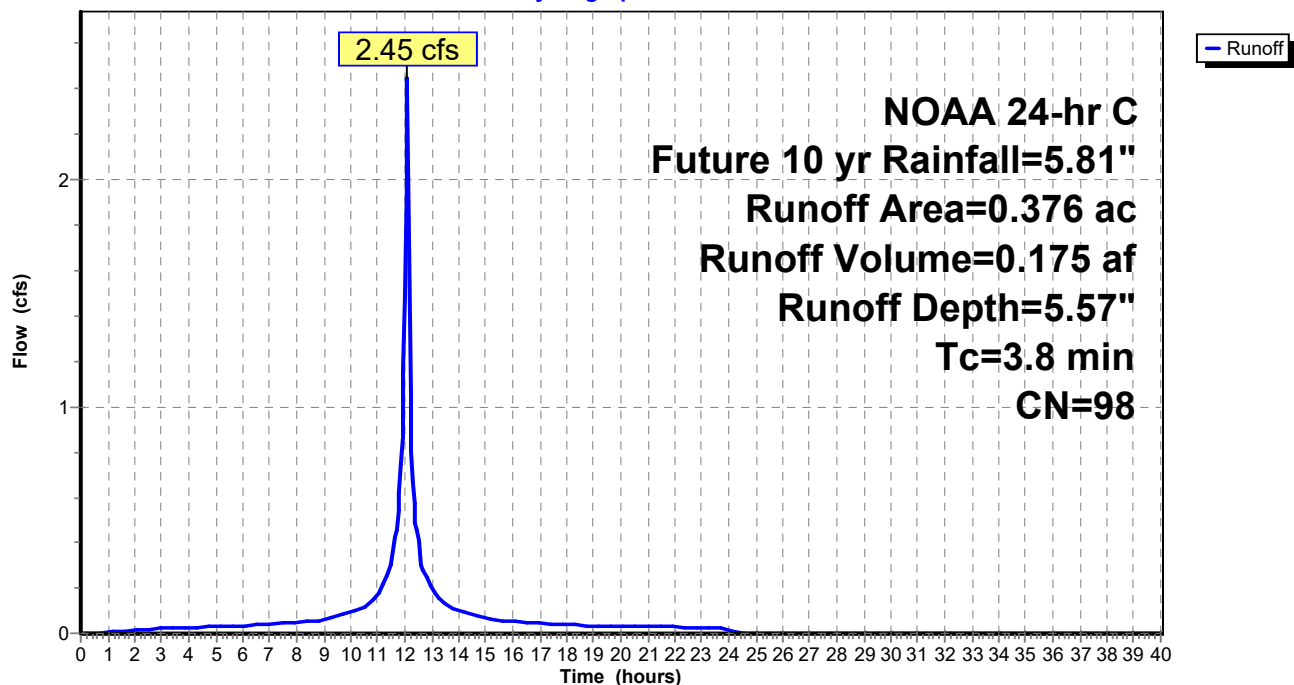
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.342	98	Pavement, HSG C
* 0.034	98	Concrete, HSC C
0.376	98	Weighted Average
0.376		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.8					Direct Entry,

Subcatchment 29I: PDA-29 (impervious)

Hydrograph



Hydrograph for Subcatchment 29I: PDA-29 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.02
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.02
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.02
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.02
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.02
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.02
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.02
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.02
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.02
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.02
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.02
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.02
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.02
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.02
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.02
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.02
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.02
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.02
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.02
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.02
1.00	0.06	0.00	0.00	3.60	0.25	0.11	0.02
1.05	0.07	0.00	0.00	3.65	0.26	0.11	0.02
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.02
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.02
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.02
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.02
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.02
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.02
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.02
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.02
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.02
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.03
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.03
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.03
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.03
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.03
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.03
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.03
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.03
1.95	0.13	0.03	0.01	4.55	0.33	0.17	0.03
2.00	0.13	0.03	0.01	4.60	0.33	0.17	0.03
2.05	0.13	0.03	0.01	4.65	0.34	0.18	0.03
2.10	0.14	0.03	0.01	4.70	0.34	0.18	0.03
2.15	0.14	0.03	0.01	4.75	0.35	0.18	0.03
2.20	0.15	0.04	0.01	4.80	0.35	0.19	0.03
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.03
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.03
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.03
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.03
2.45	0.16	0.05	0.02	5.05	0.37	0.21	0.03
2.50	0.17	0.05	0.02	5.10	0.38	0.21	0.03
2.55	0.17	0.05	0.02	5.15	0.38	0.21	0.03

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.03	7.80	0.67	0.47	0.05
5.25	0.39	0.22	0.03	7.85	0.68	0.48	0.05
5.30	0.40	0.23	0.03	7.90	0.68	0.49	0.05
5.35	0.40	0.23	0.03	7.95	0.69	0.49	0.05
5.40	0.41	0.23	0.03	8.00	0.70	0.50	0.05
5.45	0.41	0.24	0.03	8.05	0.70	0.51	0.05
5.50	0.41	0.24	0.03	8.10	0.71	0.51	0.05
5.55	0.42	0.25	0.03	8.15	0.72	0.52	0.05
5.60	0.42	0.25	0.03	8.20	0.72	0.53	0.05
5.65	0.43	0.25	0.03	8.25	0.73	0.53	0.05
5.70	0.43	0.26	0.03	8.30	0.74	0.54	0.05
5.75	0.44	0.26	0.03	8.35	0.75	0.55	0.05
5.80	0.44	0.27	0.03	8.40	0.75	0.55	0.05
5.85	0.45	0.27	0.03	8.45	0.76	0.56	0.05
5.90	0.45	0.27	0.03	8.50	0.77	0.57	0.05
5.95	0.46	0.28	0.03	8.55	0.78	0.58	0.05
6.00	0.46	0.28	0.03	8.60	0.78	0.58	0.06
6.05	0.47	0.29	0.03	8.65	0.79	0.59	0.06
6.10	0.47	0.29	0.03	8.70	0.80	0.60	0.06
6.15	0.47	0.30	0.03	8.75	0.81	0.61	0.06
6.20	0.48	0.30	0.03	8.80	0.82	0.61	0.06
6.25	0.48	0.30	0.03	8.85	0.82	0.62	0.06
6.30	0.49	0.31	0.03	8.90	0.83	0.63	0.06
6.35	0.50	0.31	0.03	8.95	0.84	0.64	0.06
6.40	0.50	0.32	0.04	9.00	0.85	0.64	0.06
6.45	0.51	0.32	0.04	9.05	0.86	0.65	0.06
6.50	0.51	0.33	0.04	9.10	0.87	0.66	0.06
6.55	0.52	0.33	0.04	9.15	0.87	0.67	0.06
6.60	0.52	0.34	0.04	9.20	0.88	0.68	0.07
6.65	0.53	0.34	0.04	9.25	0.89	0.69	0.07
6.70	0.53	0.35	0.04	9.30	0.90	0.70	0.07
6.75	0.54	0.35	0.04	9.35	0.91	0.71	0.07
6.80	0.54	0.36	0.04	9.40	0.92	0.72	0.07
6.85	0.55	0.36	0.04	9.45	0.93	0.73	0.07
6.90	0.56	0.37	0.04	9.50	0.94	0.74	0.08
6.95	0.56	0.37	0.04	9.55	0.95	0.75	0.08
7.00	0.57	0.38	0.04	9.60	0.96	0.76	0.08
7.05	0.57	0.38	0.04	9.65	0.98	0.77	0.08
7.10	0.58	0.39	0.04	9.70	0.99	0.78	0.08
7.15	0.58	0.40	0.04	9.75	1.00	0.79	0.08
7.20	0.59	0.40	0.04	9.80	1.01	0.80	0.09
7.25	0.60	0.41	0.04	9.85	1.02	0.81	0.09
7.30	0.60	0.41	0.04	9.90	1.03	0.82	0.09
7.35	0.61	0.42	0.04	9.95	1.05	0.84	0.09
7.40	0.62	0.42	0.04	10.00	1.06	0.85	0.09
7.45	0.62	0.43	0.04	10.05	1.07	0.86	0.09
7.50	0.63	0.44	0.05	10.10	1.09	0.87	0.10
7.55	0.64	0.44	0.05	10.15	1.10	0.89	0.10
7.60	0.64	0.45	0.05	10.20	1.11	0.90	0.10
7.65	0.65	0.45	0.05	10.25	1.13	0.91	0.10
7.70	0.65	0.46	0.05	10.30	1.14	0.93	0.10
7.75	0.66	0.47	0.05	10.35	1.15	0.94	0.10

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.11	13.00	4.42	4.18	0.20
10.45	1.18	0.97	0.11	13.05	4.44	4.20	0.19
10.50	1.20	0.98	0.11	13.10	4.46	4.23	0.18
10.55	1.21	1.00	0.11	13.15	4.48	4.25	0.17
10.60	1.23	1.02	0.12	13.20	4.50	4.27	0.16
10.65	1.25	1.03	0.13	13.25	4.52	4.29	0.16
10.70	1.27	1.05	0.13	13.30	4.54	4.31	0.15
10.75	1.29	1.07	0.14	13.35	4.56	4.33	0.14
10.80	1.31	1.09	0.15	13.40	4.58	4.34	0.14
10.85	1.33	1.11	0.15	13.45	4.60	4.36	0.13
10.90	1.35	1.13	0.16	13.50	4.61	4.38	0.12
10.95	1.37	1.15	0.16	13.55	4.63	4.39	0.12
11.00	1.39	1.18	0.17	13.60	4.64	4.41	0.11
11.05	1.42	1.20	0.18	13.65	4.66	4.42	0.11
11.10	1.45	1.23	0.19	13.70	4.67	4.43	0.11
11.15	1.48	1.26	0.20	13.75	4.68	4.45	0.11
11.20	1.51	1.29	0.22	13.80	4.70	4.46	0.10
11.25	1.54	1.32	0.23	13.85	4.71	4.48	0.10
11.30	1.57	1.35	0.24	13.90	4.72	4.49	0.10
11.35	1.61	1.38	0.25	13.95	4.74	4.50	0.10
11.40	1.64	1.42	0.26	14.00	4.75	4.51	0.10
11.45	1.68	1.46	0.27	14.05	4.76	4.53	0.10
11.50	1.72	1.49	0.28	14.10	4.78	4.54	0.09
11.55	1.78	1.55	0.35	14.15	4.79	4.55	0.09
11.60	1.83	1.61	0.43	14.20	4.80	4.56	0.09
11.65	1.90	1.67	0.45	14.25	4.81	4.57	0.09
11.70	1.96	1.73	0.46	14.30	4.82	4.59	0.09
11.75	2.04	1.82	0.54	14.35	4.83	4.60	0.09
11.80	2.13	1.90	0.62	14.40	4.85	4.61	0.08
11.85	2.25	2.02	0.74	14.45	4.86	4.62	0.08
11.90	2.36	2.13	0.87	14.50	4.87	4.63	0.08
11.95	2.57	2.34	1.16	14.55	4.88	4.64	0.08
12.00	2.77	2.54	1.48	14.60	4.89	4.65	0.08
12.05	3.11	2.88	1.96	14.65	4.90	4.66	0.08
12.10	3.45	3.21	2.45	14.70	4.91	4.67	0.08
12.15	3.56	3.33	1.83	14.75	4.92	4.68	0.07
12.20	3.68	3.45	1.05	14.80	4.93	4.69	0.07
12.25	3.77	3.53	0.80	14.85	4.94	4.70	0.07
12.30	3.85	3.62	0.67	14.90	4.94	4.71	0.07
12.35	3.91	3.68	0.57	14.95	4.95	4.72	0.07
12.40	3.98	3.74	0.48	15.00	4.96	4.72	0.07
12.45	4.03	3.80	0.46	15.05	4.97	4.73	0.06
12.50	4.09	3.86	0.45	15.10	4.98	4.74	0.06
12.55	4.13	3.90	0.38	15.15	4.99	4.75	0.06
12.60	4.17	3.93	0.30	15.20	4.99	4.76	0.06
12.65	4.20	3.97	0.28	15.25	5.00	4.76	0.06
12.70	4.24	4.00	0.27	15.30	5.01	4.77	0.06
12.75	4.27	4.04	0.26	15.35	5.02	4.78	0.06
12.80	4.30	4.07	0.25	15.40	5.03	4.79	0.06
12.85	4.33	4.10	0.24	15.45	5.03	4.80	0.06
12.90	4.36	4.13	0.22	15.50	5.04	4.80	0.06
12.95	4.39	4.15	0.21	15.55	5.05	4.81	0.06

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.06	18.20	5.37	5.13	0.04
15.65	5.06	4.83	0.06	18.25	5.37	5.14	0.04
15.70	5.07	4.83	0.06	18.30	5.38	5.14	0.03
15.75	5.08	4.84	0.06	18.35	5.38	5.14	0.03
15.80	5.09	4.85	0.06	18.40	5.39	5.15	0.03
15.85	5.09	4.86	0.06	18.45	5.39	5.15	0.03
15.90	5.10	4.86	0.05	18.50	5.40	5.16	0.03
15.95	5.11	4.87	0.05	18.55	5.40	5.16	0.03
16.00	5.11	4.88	0.05	18.60	5.40	5.17	0.03
16.05	5.12	4.88	0.05	18.65	5.41	5.17	0.03
16.10	5.13	4.89	0.05	18.70	5.41	5.18	0.03
16.15	5.13	4.90	0.05	18.75	5.42	5.18	0.03
16.20	5.14	4.90	0.05	18.80	5.42	5.19	0.03
16.25	5.15	4.91	0.05	18.85	5.43	5.19	0.03
16.30	5.16	4.92	0.05	18.90	5.43	5.19	0.03
16.35	5.16	4.92	0.05	18.95	5.44	5.20	0.03
16.40	5.17	4.93	0.05	19.00	5.44	5.20	0.03
16.45	5.17	4.94	0.05	19.05	5.44	5.21	0.03
16.50	5.18	4.94	0.05	19.10	5.45	5.21	0.03
16.55	5.19	4.95	0.05	19.15	5.45	5.22	0.03
16.60	5.19	4.96	0.05	19.20	5.46	5.22	0.03
16.65	5.20	4.96	0.05	19.25	5.46	5.22	0.03
16.70	5.21	4.97	0.05	19.30	5.47	5.23	0.03
16.75	5.21	4.98	0.05	19.35	5.47	5.23	0.03
16.80	5.22	4.98	0.05	19.40	5.48	5.24	0.03
16.85	5.23	4.99	0.05	19.45	5.48	5.24	0.03
16.90	5.23	4.99	0.05	19.50	5.48	5.25	0.03
16.95	5.24	5.00	0.05	19.55	5.49	5.25	0.03
17.00	5.24	5.01	0.05	19.60	5.49	5.25	0.03
17.05	5.25	5.01	0.04	19.65	5.50	5.26	0.03
17.10	5.25	5.02	0.04	19.70	5.50	5.26	0.03
17.15	5.26	5.02	0.04	19.75	5.50	5.27	0.03
17.20	5.27	5.03	0.04	19.80	5.51	5.27	0.03
17.25	5.27	5.03	0.04	19.85	5.51	5.28	0.03
17.30	5.28	5.04	0.04	19.90	5.52	5.28	0.03
17.35	5.28	5.05	0.04	19.95	5.52	5.28	0.03
17.40	5.29	5.05	0.04	20.00	5.53	5.29	0.03
17.45	5.29	5.06	0.04	20.05	5.53	5.29	0.03
17.50	5.30	5.06	0.04	20.10	5.53	5.30	0.03
17.55	5.30	5.07	0.04	20.15	5.54	5.30	0.03
17.60	5.31	5.07	0.04	20.20	5.54	5.30	0.03
17.65	5.31	5.08	0.04	20.25	5.55	5.31	0.03
17.70	5.32	5.08	0.04	20.30	5.55	5.31	0.03
17.75	5.33	5.09	0.04	20.35	5.55	5.32	0.03
17.80	5.33	5.09	0.04	20.40	5.56	5.32	0.03
17.85	5.34	5.10	0.04	20.45	5.56	5.32	0.03
17.90	5.34	5.10	0.04	20.50	5.57	5.33	0.03
17.95	5.34	5.11	0.04	20.55	5.57	5.33	0.03
18.00	5.35	5.11	0.04	20.60	5.57	5.34	0.03
18.05	5.35	5.12	0.04	20.65	5.58	5.34	0.03
18.10	5.36	5.12	0.04	20.70	5.58	5.34	0.03
18.15	5.36	5.13	0.04	20.75	5.59	5.35	0.03

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.03	23.40	5.77	5.53	0.02
20.85	5.59	5.36	0.03	23.45	5.78	5.54	0.02
20.90	5.60	5.36	0.03	23.50	5.78	5.54	0.02
20.95	5.60	5.36	0.03	23.55	5.78	5.54	0.02
21.00	5.61	5.37	0.03	23.60	5.78	5.55	0.02
21.05	5.61	5.37	0.03	23.65	5.79	5.55	0.02
21.10	5.61	5.37	0.03	23.70	5.79	5.55	0.02
21.15	5.62	5.38	0.03	23.75	5.79	5.56	0.02
21.20	5.62	5.38	0.03	23.80	5.80	5.56	0.02
21.25	5.62	5.39	0.03	23.85	5.80	5.56	0.02
21.30	5.63	5.39	0.03	23.90	5.80	5.56	0.02
21.35	5.63	5.39	0.03	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.03	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.03	24.05	5.81	5.57	0.02
21.50	5.64	5.40	0.03	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.03	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.03	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.03	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.03	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.03	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.03	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.03	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.03	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.03	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.03	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.03	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.03	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.03	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.03	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.03	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.03	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.03	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.03	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.03	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.03	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.02	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.02	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.02	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.02	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.02	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.02	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.02	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.02	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.02	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.02	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.02	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 29P: PDA-29 (pervious)

Runoff = 3.11 cfs @ 12.09 hrs, Volume= 0.177 af, Depth= 3.03"
 Routed to Pond B-29 : Basin #29

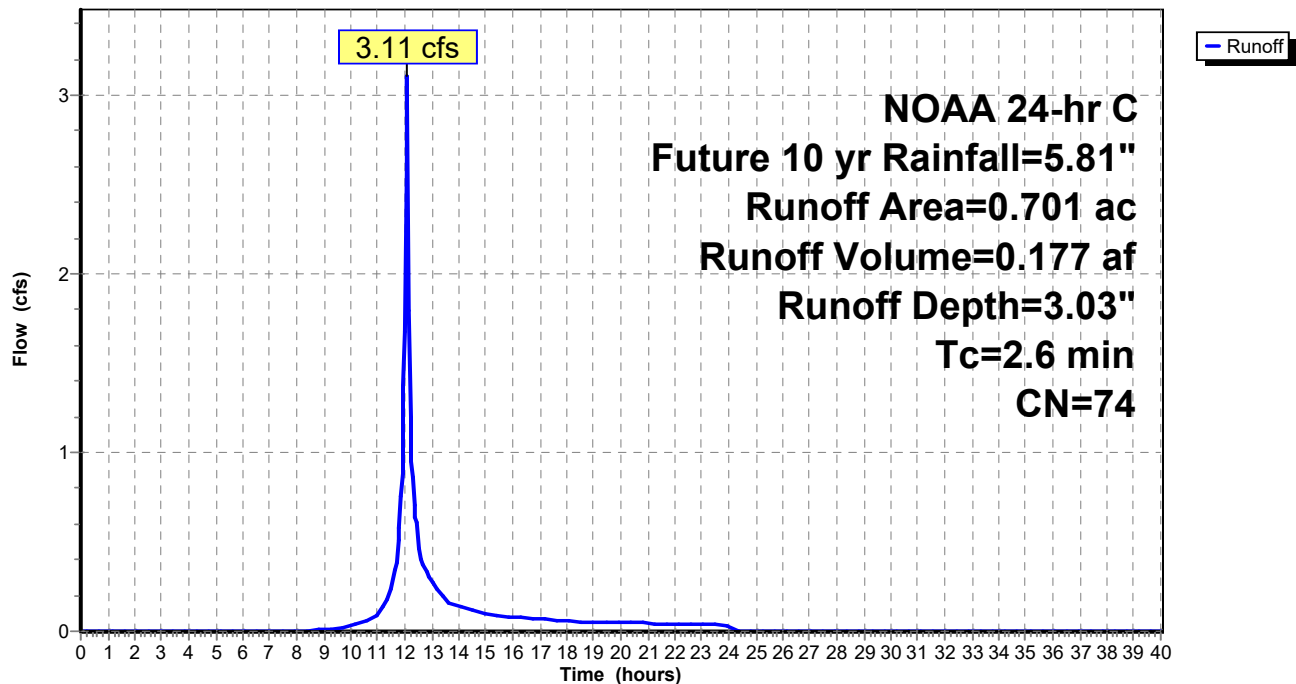
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.701	74	>75% Grass cover, Good, HSG C
0.701		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.6					Direct Entry,

Subcatchment 29P: PDA-29 (pervious)

Hydrograph



Hydrograph for Subcatchment 29P: PDA-29 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.01
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.01
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.02
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.02
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.02
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.02
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.03
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.03
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.03
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.03
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.04
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.04
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.04
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.04
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.04

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.04	13.00	4.42	1.91	0.28
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.26
10.50	1.20	0.06	0.05	13.10	4.46	1.94	0.25
10.55	1.21	0.06	0.05	13.15	4.48	1.96	0.24
10.60	1.23	0.07	0.06	13.20	4.50	1.98	0.23
10.65	1.25	0.07	0.06	13.25	4.52	1.99	0.22
10.70	1.27	0.08	0.06	13.30	4.54	2.01	0.21
10.75	1.29	0.08	0.07	13.35	4.56	2.02	0.20
10.80	1.31	0.09	0.07	13.40	4.58	2.03	0.20
10.85	1.33	0.09	0.08	13.45	4.60	2.05	0.18
10.90	1.35	0.10	0.08	13.50	4.61	2.06	0.18
10.95	1.37	0.11	0.09	13.55	4.63	2.07	0.17
11.00	1.39	0.11	0.10	13.60	4.64	2.08	0.16
11.05	1.42	0.12	0.11	13.65	4.66	2.09	0.16
11.10	1.45	0.13	0.12	13.70	4.67	2.10	0.16
11.15	1.48	0.14	0.13	13.75	4.68	2.12	0.15
11.20	1.51	0.15	0.14	13.80	4.70	2.13	0.15
11.25	1.54	0.16	0.15	13.85	4.71	2.14	0.15
11.30	1.57	0.17	0.16	13.90	4.72	2.15	0.15
11.35	1.61	0.18	0.18	13.95	4.74	2.16	0.14
11.40	1.64	0.20	0.19	14.00	4.75	2.17	0.14
11.45	1.68	0.21	0.20	14.05	4.76	2.18	0.14
11.50	1.72	0.23	0.21	14.10	4.78	2.19	0.14
11.55	1.78	0.25	0.30	14.15	4.79	2.20	0.14
11.60	1.83	0.28	0.34	14.20	4.80	2.21	0.13
11.65	1.90	0.30	0.37	14.25	4.81	2.21	0.13
11.70	1.96	0.33	0.39	14.30	4.82	2.22	0.13
11.75	2.04	0.37	0.51	14.35	4.83	2.23	0.13
11.80	2.13	0.41	0.58	14.40	4.85	2.24	0.12
11.85	2.25	0.47	0.76	14.45	4.86	2.25	0.12
11.90	2.36	0.53	0.88	14.50	4.87	2.26	0.12
11.95	2.57	0.65	1.37	14.55	4.88	2.27	0.12
12.00	2.77	0.77	1.68	14.60	4.89	2.27	0.12
12.05	3.11	0.98	2.59	14.65	4.90	2.28	0.11
12.10	3.45	1.20	3.06	14.70	4.91	2.29	0.11
12.15	3.56	1.28	1.79	14.75	4.92	2.30	0.11
12.20	3.68	1.37	1.19	14.80	4.93	2.31	0.11
12.25	3.77	1.43	0.95	14.85	4.94	2.31	0.10
12.30	3.85	1.49	0.86	14.90	4.94	2.32	0.10
12.35	3.91	1.53	0.70	14.95	4.95	2.33	0.10
12.40	3.98	1.58	0.64	15.00	4.96	2.33	0.10
12.45	4.03	1.62	0.62	15.05	4.97	2.34	0.09
12.50	4.09	1.67	0.61	15.10	4.98	2.35	0.09
12.55	4.13	1.69	0.47	15.15	4.99	2.35	0.09
12.60	4.17	1.72	0.40	15.20	4.99	2.36	0.09
12.65	4.20	1.75	0.38	15.25	5.00	2.37	0.09
12.70	4.24	1.77	0.38	15.30	5.01	2.37	0.09
12.75	4.27	1.80	0.35	15.35	5.02	2.38	0.09
12.80	4.30	1.82	0.35	15.40	5.03	2.38	0.09
12.85	4.33	1.85	0.32	15.45	5.03	2.39	0.09
12.90	4.36	1.87	0.31	15.50	5.04	2.40	0.09
12.95	4.39	1.89	0.29	15.55	5.05	2.40	0.09

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.09	18.20	5.37	2.66	0.05
15.65	5.06	2.41	0.08	18.25	5.37	2.67	0.05
15.70	5.07	2.42	0.08	18.30	5.38	2.67	0.05
15.75	5.08	2.43	0.08	18.35	5.38	2.67	0.05
15.80	5.09	2.43	0.08	18.40	5.39	2.68	0.05
15.85	5.09	2.44	0.08	18.45	5.39	2.68	0.05
15.90	5.10	2.44	0.08	18.50	5.40	2.68	0.05
15.95	5.11	2.45	0.08	18.55	5.40	2.69	0.05
16.00	5.11	2.46	0.08	18.60	5.40	2.69	0.05
16.05	5.12	2.46	0.08	18.65	5.41	2.69	0.05
16.10	5.13	2.47	0.08	18.70	5.41	2.70	0.05
16.15	5.13	2.47	0.08	18.75	5.42	2.70	0.05
16.20	5.14	2.48	0.08	18.80	5.42	2.71	0.05
16.25	5.15	2.48	0.08	18.85	5.43	2.71	0.05
16.30	5.16	2.49	0.08	18.90	5.43	2.71	0.05
16.35	5.16	2.49	0.08	18.95	5.44	2.72	0.05
16.40	5.17	2.50	0.08	19.00	5.44	2.72	0.05
16.45	5.17	2.50	0.07	19.05	5.44	2.72	0.05
16.50	5.18	2.51	0.07	19.10	5.45	2.73	0.05
16.55	5.19	2.52	0.07	19.15	5.45	2.73	0.05
16.60	5.19	2.52	0.07	19.20	5.46	2.73	0.05
16.65	5.20	2.53	0.07	19.25	5.46	2.74	0.05
16.70	5.21	2.53	0.07	19.30	5.47	2.74	0.05
16.75	5.21	2.54	0.07	19.35	5.47	2.75	0.05
16.80	5.22	2.54	0.07	19.40	5.48	2.75	0.05
16.85	5.23	2.55	0.07	19.45	5.48	2.75	0.05
16.90	5.23	2.55	0.07	19.50	5.48	2.76	0.05
16.95	5.24	2.55	0.07	19.55	5.49	2.76	0.05
17.00	5.24	2.56	0.07	19.60	5.49	2.76	0.05
17.05	5.25	2.56	0.07	19.65	5.50	2.77	0.05
17.10	5.25	2.57	0.07	19.70	5.50	2.77	0.05
17.15	5.26	2.57	0.07	19.75	5.50	2.77	0.05
17.20	5.27	2.58	0.07	19.80	5.51	2.78	0.05
17.25	5.27	2.58	0.06	19.85	5.51	2.78	0.05
17.30	5.28	2.59	0.06	19.90	5.52	2.78	0.05
17.35	5.28	2.59	0.06	19.95	5.52	2.79	0.05
17.40	5.29	2.60	0.06	20.00	5.53	2.79	0.05
17.45	5.29	2.60	0.06	20.05	5.53	2.79	0.05
17.50	5.30	2.61	0.06	20.10	5.53	2.80	0.05
17.55	5.30	2.61	0.06	20.15	5.54	2.80	0.05
17.60	5.31	2.61	0.06	20.20	5.54	2.80	0.05
17.65	5.31	2.62	0.06	20.25	5.55	2.81	0.05
17.70	5.32	2.62	0.06	20.30	5.55	2.81	0.05
17.75	5.33	2.63	0.06	20.35	5.55	2.81	0.05
17.80	5.33	2.63	0.06	20.40	5.56	2.82	0.05
17.85	5.34	2.63	0.06	20.45	5.56	2.82	0.05
17.90	5.34	2.64	0.06	20.50	5.57	2.82	0.05
17.95	5.34	2.64	0.06	20.55	5.57	2.83	0.05
18.00	5.35	2.65	0.06	20.60	5.57	2.83	0.05
18.05	5.35	2.65	0.05	20.65	5.58	2.83	0.05
18.10	5.36	2.65	0.05	20.70	5.58	2.84	0.05
18.15	5.36	2.66	0.05	20.75	5.59	2.84	0.05

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.05	23.40	5.77	2.99	0.04
20.85	5.59	2.85	0.05	23.45	5.78	3.00	0.04
20.90	5.60	2.85	0.05	23.50	5.78	3.00	0.04
20.95	5.60	2.85	0.04	23.55	5.78	3.00	0.04
21.00	5.61	2.86	0.04	23.60	5.78	3.00	0.04
21.05	5.61	2.86	0.04	23.65	5.79	3.01	0.04
21.10	5.61	2.86	0.04	23.70	5.79	3.01	0.04
21.15	5.62	2.87	0.04	23.75	5.79	3.01	0.04
21.20	5.62	2.87	0.04	23.80	5.80	3.01	0.04
21.25	5.62	2.87	0.04	23.85	5.80	3.02	0.04
21.30	5.63	2.87	0.04	23.90	5.80	3.02	0.04
21.35	5.63	2.88	0.04	23.95	5.81	3.02	0.04
21.40	5.64	2.88	0.04	24.00	5.81	3.03	0.04
21.45	5.64	2.88	0.04	24.05	5.81	3.03	0.01
21.50	5.64	2.89	0.04	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.04	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.04	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.04	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.04	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.04	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.04	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.04	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.04	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.04	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.04	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.04	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.04	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.04	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.04	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.04	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.04	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.04	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.04	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.04	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.04	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.04	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.04	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.04	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.04	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.04	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.04	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.04	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.04	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.04	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.04	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.04	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.04	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.04	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.04	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.04	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.04	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.04	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 30I: PDA-30 (impervious)

Runoff = 4.40 cfs @ 12.06 hrs, Volume= 0.299 af, Depth= 5.57"
 Routed to Pond B-30 : Basin #30

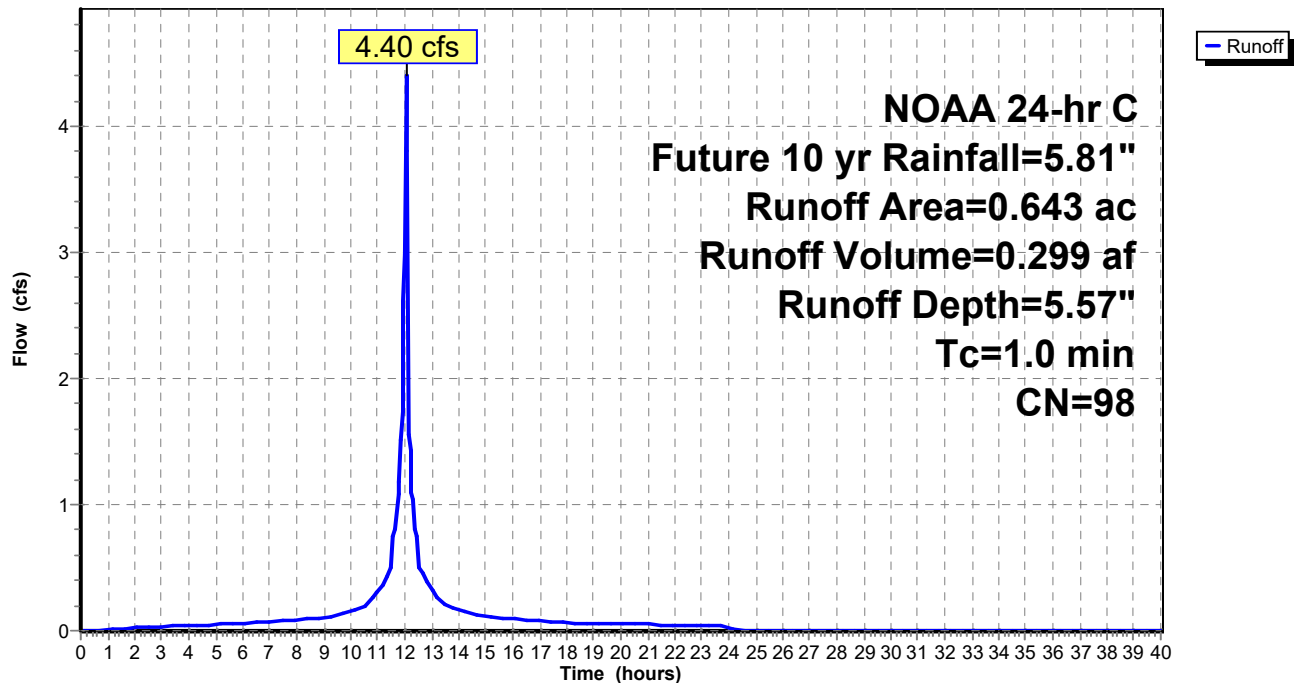
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.643	98	Weighted Average
0.643		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry, roof runoff

Subcatchment 30I: PDA-30 (impervious)

Hydrograph



Hydrograph for Subcatchment 30I: PDA-30 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.03
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.03
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.03
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.03
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.03
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.03
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.03
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.03
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.03
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.04
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.04
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.04
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.04
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.04
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.04
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.04
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.04
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.04
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.04
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.04
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.04
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.04
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.04
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.04
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.04
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.04
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.04
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.04
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.04
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.04
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.04
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.04
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.04
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.04
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.04
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.04
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.05
1.90	0.12	0.02	0.02	4.50	0.33	0.17	0.05
1.95	0.13	0.03	0.02	4.55	0.33	0.17	0.05
2.00	0.13	0.03	0.02	4.60	0.33	0.17	0.05
2.05	0.13	0.03	0.02	4.65	0.34	0.18	0.05
2.10	0.14	0.03	0.02	4.70	0.34	0.18	0.05
2.15	0.14	0.03	0.03	4.75	0.35	0.18	0.05
2.20	0.15	0.04	0.03	4.80	0.35	0.19	0.05
2.25	0.15	0.04	0.03	4.85	0.36	0.19	0.05
2.30	0.15	0.04	0.03	4.90	0.36	0.20	0.05
2.35	0.16	0.04	0.03	4.95	0.37	0.20	0.05
2.40	0.16	0.04	0.03	5.00	0.37	0.20	0.05
2.45	0.16	0.05	0.03	5.05	0.37	0.21	0.05
2.50	0.17	0.05	0.03	5.10	0.38	0.21	0.05
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.05

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.05	7.80	0.67	0.47	0.08
5.25	0.39	0.22	0.05	7.85	0.68	0.48	0.08
5.30	0.40	0.23	0.05	7.90	0.68	0.49	0.08
5.35	0.40	0.23	0.05	7.95	0.69	0.49	0.09
5.40	0.41	0.23	0.05	8.00	0.70	0.50	0.09
5.45	0.41	0.24	0.05	8.05	0.70	0.51	0.09
5.50	0.41	0.24	0.05	8.10	0.71	0.51	0.09
5.55	0.42	0.25	0.05	8.15	0.72	0.52	0.09
5.60	0.42	0.25	0.05	8.20	0.72	0.53	0.09
5.65	0.43	0.25	0.05	8.25	0.73	0.53	0.09
5.70	0.43	0.26	0.05	8.30	0.74	0.54	0.09
5.75	0.44	0.26	0.05	8.35	0.75	0.55	0.09
5.80	0.44	0.27	0.05	8.40	0.75	0.55	0.09
5.85	0.45	0.27	0.05	8.45	0.76	0.56	0.09
5.90	0.45	0.27	0.05	8.50	0.77	0.57	0.09
5.95	0.46	0.28	0.05	8.55	0.78	0.58	0.09
6.00	0.46	0.28	0.05	8.60	0.78	0.58	0.10
6.05	0.47	0.29	0.06	8.65	0.79	0.59	0.10
6.10	0.47	0.29	0.06	8.70	0.80	0.60	0.10
6.15	0.47	0.30	0.06	8.75	0.81	0.61	0.10
6.20	0.48	0.30	0.06	8.80	0.82	0.61	0.10
6.25	0.48	0.30	0.06	8.85	0.82	0.62	0.10
6.30	0.49	0.31	0.06	8.90	0.83	0.63	0.10
6.35	0.50	0.31	0.06	8.95	0.84	0.64	0.10
6.40	0.50	0.32	0.06	9.00	0.85	0.64	0.10
6.45	0.51	0.32	0.06	9.05	0.86	0.65	0.11
6.50	0.51	0.33	0.06	9.10	0.87	0.66	0.11
6.55	0.52	0.33	0.06	9.15	0.87	0.67	0.11
6.60	0.52	0.34	0.06	9.20	0.88	0.68	0.11
6.65	0.53	0.34	0.06	9.25	0.89	0.69	0.12
6.70	0.53	0.35	0.07	9.30	0.90	0.70	0.12
6.75	0.54	0.35	0.07	9.35	0.91	0.71	0.12
6.80	0.54	0.36	0.07	9.40	0.92	0.72	0.12
6.85	0.55	0.36	0.07	9.45	0.93	0.73	0.13
6.90	0.56	0.37	0.07	9.50	0.94	0.74	0.13
6.95	0.56	0.37	0.07	9.55	0.95	0.75	0.13
7.00	0.57	0.38	0.07	9.60	0.96	0.76	0.14
7.05	0.57	0.38	0.07	9.65	0.98	0.77	0.14
7.10	0.58	0.39	0.07	9.70	0.99	0.78	0.14
7.15	0.58	0.40	0.07	9.75	1.00	0.79	0.15
7.20	0.59	0.40	0.07	9.80	1.01	0.80	0.15
7.25	0.60	0.41	0.07	9.85	1.02	0.81	0.15
7.30	0.60	0.41	0.07	9.90	1.03	0.82	0.15
7.35	0.61	0.42	0.08	9.95	1.05	0.84	0.16
7.40	0.62	0.42	0.08	10.00	1.06	0.85	0.16
7.45	0.62	0.43	0.08	10.05	1.07	0.86	0.16
7.50	0.63	0.44	0.08	10.10	1.09	0.87	0.16
7.55	0.64	0.44	0.08	10.15	1.10	0.89	0.17
7.60	0.64	0.45	0.08	10.20	1.11	0.90	0.17
7.65	0.65	0.45	0.08	10.25	1.13	0.91	0.17
7.70	0.65	0.46	0.08	10.30	1.14	0.93	0.18
7.75	0.66	0.47	0.08	10.35	1.15	0.94	0.18

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.18	13.00	4.42	4.18	0.33
10.45	1.18	0.97	0.19	13.05	4.44	4.20	0.30
10.50	1.20	0.98	0.19	13.10	4.46	4.23	0.29
10.55	1.21	1.00	0.21	13.15	4.48	4.25	0.28
10.60	1.23	1.02	0.21	13.20	4.50	4.27	0.27
10.65	1.25	1.03	0.23	13.25	4.52	4.29	0.26
10.70	1.27	1.05	0.23	13.30	4.54	4.31	0.25
10.75	1.29	1.07	0.25	13.35	4.56	4.33	0.23
10.80	1.31	1.09	0.25	13.40	4.58	4.34	0.23
10.85	1.33	1.11	0.27	13.45	4.60	4.36	0.21
10.90	1.35	1.13	0.28	13.50	4.61	4.38	0.21
10.95	1.37	1.15	0.29	13.55	4.63	4.39	0.19
11.00	1.39	1.18	0.30	13.60	4.64	4.41	0.19
11.05	1.42	1.20	0.33	13.65	4.66	4.42	0.18
11.10	1.45	1.23	0.34	13.70	4.67	4.43	0.18
11.15	1.48	1.26	0.37	13.75	4.68	4.45	0.18
11.20	1.51	1.29	0.38	13.80	4.70	4.46	0.18
11.25	1.54	1.32	0.41	13.85	4.71	4.48	0.17
11.30	1.57	1.35	0.42	13.90	4.72	4.49	0.17
11.35	1.61	1.38	0.45	13.95	4.74	4.50	0.17
11.40	1.64	1.42	0.46	14.00	4.75	4.51	0.17
11.45	1.68	1.46	0.49	14.05	4.76	4.53	0.16
11.50	1.72	1.49	0.54	14.10	4.78	4.54	0.16
11.55	1.78	1.55	0.75	14.15	4.79	4.55	0.16
11.60	1.83	1.61	0.76	14.20	4.80	4.56	0.16
11.65	1.90	1.67	0.79	14.25	4.81	4.57	0.15
11.70	1.96	1.73	0.85	14.30	4.82	4.59	0.15
11.75	2.04	1.82	1.09	14.35	4.83	4.60	0.14
11.80	2.13	1.90	1.18	14.40	4.85	4.61	0.14
11.85	2.25	2.02	1.51	14.45	4.86	4.62	0.14
11.90	2.36	2.13	1.74	14.50	4.87	4.63	0.14
11.95	2.57	2.34	2.60	14.55	4.88	4.64	0.13
12.00	2.77	2.54	2.98	14.60	4.89	4.65	0.13
12.05	3.11	2.88	4.36	14.65	4.90	4.66	0.13
12.10	3.45	3.21	3.80	14.70	4.91	4.67	0.13
12.15	3.56	3.33	1.56	14.75	4.92	4.68	0.12
12.20	3.68	3.45	1.43	14.80	4.93	4.69	0.12
12.25	3.77	3.53	1.10	14.85	4.94	4.70	0.12
12.30	3.85	3.62	1.04	14.90	4.94	4.71	0.12
12.35	3.91	3.68	0.80	14.95	4.95	4.72	0.11
12.40	3.98	3.74	0.79	15.00	4.96	4.72	0.11
12.45	4.03	3.80	0.76	15.05	4.97	4.73	0.11
12.50	4.09	3.86	0.70	15.10	4.98	4.74	0.11
12.55	4.13	3.90	0.49	15.15	4.99	4.75	0.10
12.60	4.17	3.93	0.48	15.20	4.99	4.76	0.10
12.65	4.20	3.97	0.46	15.25	5.00	4.76	0.10
12.70	4.24	4.00	0.45	15.30	5.01	4.77	0.10
12.75	4.27	4.04	0.42	15.35	5.02	4.78	0.10
12.80	4.30	4.07	0.41	15.40	5.03	4.79	0.10
12.85	4.33	4.10	0.38	15.45	5.03	4.80	0.10
12.90	4.36	4.13	0.37	15.50	5.04	4.80	0.10
12.95	4.39	4.15	0.34	15.55	5.05	4.81	0.10

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.10	18.20	5.37	5.13	0.06
15.65	5.06	4.83	0.10	18.25	5.37	5.14	0.06
15.70	5.07	4.83	0.10	18.30	5.38	5.14	0.06
15.75	5.08	4.84	0.09	18.35	5.38	5.14	0.06
15.80	5.09	4.85	0.09	18.40	5.39	5.15	0.06
15.85	5.09	4.86	0.09	18.45	5.39	5.15	0.06
15.90	5.10	4.86	0.09	18.50	5.40	5.16	0.06
15.95	5.11	4.87	0.09	18.55	5.40	5.16	0.06
16.00	5.11	4.88	0.09	18.60	5.40	5.17	0.06
16.05	5.12	4.88	0.09	18.65	5.41	5.17	0.06
16.10	5.13	4.89	0.09	18.70	5.41	5.18	0.06
16.15	5.13	4.90	0.09	18.75	5.42	5.18	0.06
16.20	5.14	4.90	0.09	18.80	5.42	5.19	0.06
16.25	5.15	4.91	0.09	18.85	5.43	5.19	0.06
16.30	5.16	4.92	0.09	18.90	5.43	5.19	0.06
16.35	5.16	4.92	0.09	18.95	5.44	5.20	0.06
16.40	5.17	4.93	0.09	19.00	5.44	5.20	0.06
16.45	5.17	4.94	0.08	19.05	5.44	5.21	0.06
16.50	5.18	4.94	0.08	19.10	5.45	5.21	0.06
16.55	5.19	4.95	0.08	19.15	5.45	5.22	0.06
16.60	5.19	4.96	0.08	19.20	5.46	5.22	0.06
16.65	5.20	4.96	0.08	19.25	5.46	5.22	0.06
16.70	5.21	4.97	0.08	19.30	5.47	5.23	0.06
16.75	5.21	4.98	0.08	19.35	5.47	5.23	0.06
16.80	5.22	4.98	0.08	19.40	5.48	5.24	0.06
16.85	5.23	4.99	0.08	19.45	5.48	5.24	0.06
16.90	5.23	4.99	0.08	19.50	5.48	5.25	0.06
16.95	5.24	5.00	0.08	19.55	5.49	5.25	0.05
17.00	5.24	5.01	0.08	19.60	5.49	5.25	0.05
17.05	5.25	5.01	0.08	19.65	5.50	5.26	0.05
17.10	5.25	5.02	0.08	19.70	5.50	5.26	0.05
17.15	5.26	5.02	0.07	19.75	5.50	5.27	0.05
17.20	5.27	5.03	0.07	19.80	5.51	5.27	0.05
17.25	5.27	5.03	0.07	19.85	5.51	5.28	0.05
17.30	5.28	5.04	0.07	19.90	5.52	5.28	0.05
17.35	5.28	5.05	0.07	19.95	5.52	5.28	0.05
17.40	5.29	5.05	0.07	20.00	5.53	5.29	0.05
17.45	5.29	5.06	0.07	20.05	5.53	5.29	0.05
17.50	5.30	5.06	0.07	20.10	5.53	5.30	0.05
17.55	5.30	5.07	0.07	20.15	5.54	5.30	0.05
17.60	5.31	5.07	0.07	20.20	5.54	5.30	0.05
17.65	5.31	5.08	0.07	20.25	5.55	5.31	0.05
17.70	5.32	5.08	0.07	20.30	5.55	5.31	0.05
17.75	5.33	5.09	0.07	20.35	5.55	5.32	0.05
17.80	5.33	5.09	0.06	20.40	5.56	5.32	0.05
17.85	5.34	5.10	0.06	20.45	5.56	5.32	0.05
17.90	5.34	5.10	0.06	20.50	5.57	5.33	0.05
17.95	5.34	5.11	0.06	20.55	5.57	5.33	0.05
18.00	5.35	5.11	0.06	20.60	5.57	5.34	0.05
18.05	5.35	5.12	0.06	20.65	5.58	5.34	0.05
18.10	5.36	5.12	0.06	20.70	5.58	5.34	0.05
18.15	5.36	5.13	0.06	20.75	5.59	5.35	0.05

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.05	23.40	5.77	5.53	0.04
20.85	5.59	5.36	0.05	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.05	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.05	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.05	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.05	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.05	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.05	23.75	5.79	5.56	0.04
21.20	5.62	5.38	0.05	23.80	5.80	5.56	0.04
21.25	5.62	5.39	0.05	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.05	23.90	5.80	5.56	0.04
21.35	5.63	5.39	0.05	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.05	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.05	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.05	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.05	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.05	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.05	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.05	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.05	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.05	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.05	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.05	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.05	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.05	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.05	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.05	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.05	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.05	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.04	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.04	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.04	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.04	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.04	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.04	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.04	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.04	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.04	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.04	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.04	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.04	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.04	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.04	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.04	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.04	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.04	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.04	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.04	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.04	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.04	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.04	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.04	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 30P: PDA-30 (pervious)

Runoff = 7.58 cfs @ 12.09 hrs, Volume= 0.438 af, Depth= 3.03"
 Routed to Pond B-30 : Basin #30

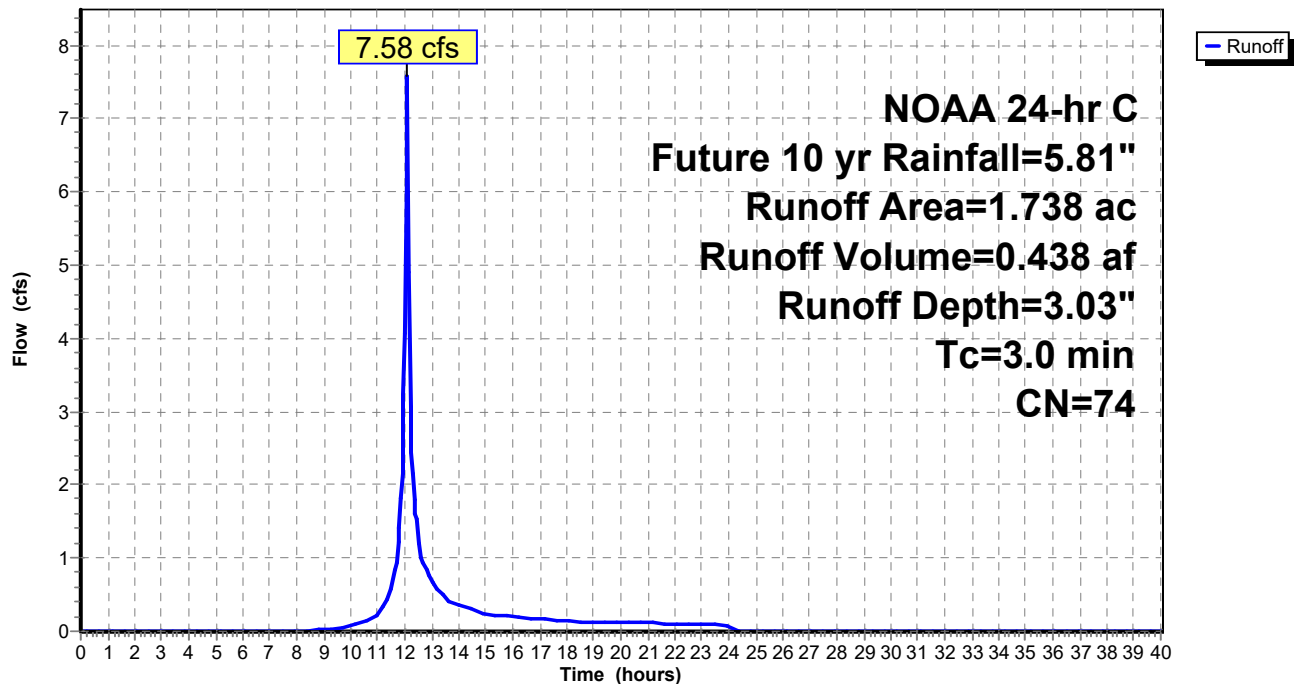
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.738	74	>75% Grass cover, Good, HSG C
1.738		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.0					Direct Entry,

Subcatchment 30P: PDA-30 (pervious)

Hydrograph



Hydrograph for Subcatchment 30P: PDA-30 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.01
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.01
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.01
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.02
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.02
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.02
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.03
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.03
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.03
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.04
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.04
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.04
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.05
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.05
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.05
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.06
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.06
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.06
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.07
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.07
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.07
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.08
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.08
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.09
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.09
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.09
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.10
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.10

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.11	13.00	4.42	1.91	0.70
10.45	1.18	0.06	0.11	13.05	4.44	1.93	0.65
10.50	1.20	0.06	0.12	13.10	4.46	1.94	0.62
10.55	1.21	0.06	0.13	13.15	4.48	1.96	0.59
10.60	1.23	0.07	0.14	13.20	4.50	1.98	0.58
10.65	1.25	0.07	0.15	13.25	4.52	1.99	0.55
10.70	1.27	0.08	0.16	13.30	4.54	2.01	0.53
10.75	1.29	0.08	0.17	13.35	4.56	2.02	0.51
10.80	1.31	0.09	0.18	13.40	4.58	2.03	0.49
10.85	1.33	0.09	0.20	13.45	4.60	2.05	0.46
10.90	1.35	0.10	0.21	13.50	4.61	2.06	0.45
10.95	1.37	0.11	0.22	13.55	4.63	2.07	0.42
11.00	1.39	0.11	0.24	13.60	4.64	2.08	0.40
11.05	1.42	0.12	0.26	13.65	4.66	2.09	0.39
11.10	1.45	0.13	0.28	13.70	4.67	2.10	0.39
11.15	1.48	0.14	0.31	13.75	4.68	2.12	0.38
11.20	1.51	0.15	0.34	13.80	4.70	2.13	0.38
11.25	1.54	0.16	0.37	13.85	4.71	2.14	0.37
11.30	1.57	0.17	0.39	13.90	4.72	2.15	0.37
11.35	1.61	0.18	0.43	13.95	4.74	2.16	0.36
11.40	1.64	0.20	0.46	14.00	4.75	2.17	0.36
11.45	1.68	0.21	0.49	14.05	4.76	2.18	0.35
11.50	1.72	0.23	0.52	14.10	4.78	2.19	0.34
11.55	1.78	0.25	0.71	14.15	4.79	2.20	0.34
11.60	1.83	0.28	0.84	14.20	4.80	2.21	0.33
11.65	1.90	0.30	0.91	14.25	4.81	2.21	0.33
11.70	1.96	0.33	0.97	14.30	4.82	2.22	0.32
11.75	2.04	0.37	1.22	14.35	4.83	2.23	0.31
11.80	2.13	0.41	1.41	14.40	4.85	2.24	0.31
11.85	2.25	0.47	1.82	14.45	4.86	2.25	0.30
11.90	2.36	0.53	2.14	14.50	4.87	2.26	0.30
11.95	2.57	0.65	3.23	14.55	4.88	2.27	0.29
12.00	2.77	0.77	4.08	14.60	4.89	2.27	0.29
12.05	3.11	0.98	6.11	14.65	4.90	2.28	0.28
12.10	3.45	1.20	7.54	14.70	4.91	2.29	0.27
12.15	3.56	1.28	4.90	14.75	4.92	2.30	0.27
12.20	3.68	1.37	3.05	14.80	4.93	2.31	0.26
12.25	3.77	1.43	2.44	14.85	4.94	2.31	0.26
12.30	3.85	1.49	2.15	14.90	4.94	2.32	0.25
12.35	3.91	1.53	1.80	14.95	4.95	2.33	0.24
12.40	3.98	1.58	1.60	15.00	4.96	2.33	0.24
12.45	4.03	1.62	1.54	15.05	4.97	2.34	0.23
12.50	4.09	1.67	1.51	15.10	4.98	2.35	0.23
12.55	4.13	1.69	1.20	15.15	4.99	2.35	0.23
12.60	4.17	1.72	1.01	15.20	4.99	2.36	0.22
12.65	4.20	1.75	0.96	15.25	5.00	2.37	0.22
12.70	4.24	1.77	0.93	15.30	5.01	2.37	0.22
12.75	4.27	1.80	0.89	15.35	5.02	2.38	0.22
12.80	4.30	1.82	0.86	15.40	5.03	2.38	0.22
12.85	4.33	1.85	0.81	15.45	5.03	2.39	0.22
12.90	4.36	1.87	0.78	15.50	5.04	2.40	0.21
12.95	4.39	1.89	0.73	15.55	5.05	2.40	0.21

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.21	18.20	5.37	2.66	0.13
15.65	5.06	2.41	0.21	18.25	5.37	2.67	0.13
15.70	5.07	2.42	0.21	18.30	5.38	2.67	0.13
15.75	5.08	2.43	0.21	18.35	5.38	2.67	0.13
15.80	5.09	2.43	0.21	18.40	5.39	2.68	0.13
15.85	5.09	2.44	0.20	18.45	5.39	2.68	0.13
15.90	5.10	2.44	0.20	18.50	5.40	2.68	0.13
15.95	5.11	2.45	0.20	18.55	5.40	2.69	0.13
16.00	5.11	2.46	0.20	18.60	5.40	2.69	0.13
16.05	5.12	2.46	0.20	18.65	5.41	2.69	0.13
16.10	5.13	2.47	0.20	18.70	5.41	2.70	0.13
16.15	5.13	2.47	0.20	18.75	5.42	2.70	0.13
16.20	5.14	2.48	0.19	18.80	5.42	2.71	0.13
16.25	5.15	2.48	0.19	18.85	5.43	2.71	0.13
16.30	5.16	2.49	0.19	18.90	5.43	2.71	0.13
16.35	5.16	2.49	0.19	18.95	5.44	2.72	0.13
16.40	5.17	2.50	0.19	19.00	5.44	2.72	0.13
16.45	5.17	2.50	0.19	19.05	5.44	2.72	0.13
16.50	5.18	2.51	0.18	19.10	5.45	2.73	0.13
16.55	5.19	2.52	0.18	19.15	5.45	2.73	0.13
16.60	5.19	2.52	0.18	19.20	5.46	2.73	0.13
16.65	5.20	2.53	0.18	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.18	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.18	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.17	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.17	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.17	19.50	5.48	2.76	0.12
16.95	5.24	2.55	0.17	19.55	5.49	2.76	0.12
17.00	5.24	2.56	0.17	19.60	5.49	2.76	0.12
17.05	5.25	2.56	0.17	19.65	5.50	2.77	0.12
17.10	5.25	2.57	0.17	19.70	5.50	2.77	0.12
17.15	5.26	2.57	0.16	19.75	5.50	2.77	0.12
17.20	5.27	2.58	0.16	19.80	5.51	2.78	0.12
17.25	5.27	2.58	0.16	19.85	5.51	2.78	0.12
17.30	5.28	2.59	0.16	19.90	5.52	2.78	0.12
17.35	5.28	2.59	0.16	19.95	5.52	2.79	0.12
17.40	5.29	2.60	0.16	20.00	5.53	2.79	0.12
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.12
17.50	5.30	2.61	0.15	20.10	5.53	2.80	0.12
17.55	5.30	2.61	0.15	20.15	5.54	2.80	0.12
17.60	5.31	2.61	0.15	20.20	5.54	2.80	0.12
17.65	5.31	2.62	0.15	20.25	5.55	2.81	0.12
17.70	5.32	2.62	0.15	20.30	5.55	2.81	0.12
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.12
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.12
17.85	5.34	2.63	0.14	20.45	5.56	2.82	0.12
17.90	5.34	2.64	0.14	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.14	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.14	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.11	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.11	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.11	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.11	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.11	23.65	5.79	3.01	0.09
21.10	5.61	2.86	0.11	23.70	5.79	3.01	0.09
21.15	5.62	2.87	0.11	23.75	5.79	3.01	0.09
21.20	5.62	2.87	0.11	23.80	5.80	3.01	0.09
21.25	5.62	2.87	0.11	23.85	5.80	3.02	0.09
21.30	5.63	2.87	0.11	23.90	5.80	3.02	0.09
21.35	5.63	2.88	0.11	23.95	5.81	3.02	0.10
21.40	5.64	2.88	0.11	24.00	5.81	3.03	0.11
21.45	5.64	2.88	0.11	24.05	5.81	3.03	0.04
21.50	5.64	2.89	0.11	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.11	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.11	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.11	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.11	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.11	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.11	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.10	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.10	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.10	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.10	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.10	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.10	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.10	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.10	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.10	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.10	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.10	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.10	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.10	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.10	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.10	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.10	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 31I: PDA-31 (impervious)

Runoff = 4.91 cfs @ 12.06 hrs, Volume= 0.333 af, Depth= 5.57"
 Routed to Pond B-31 : Basin #31

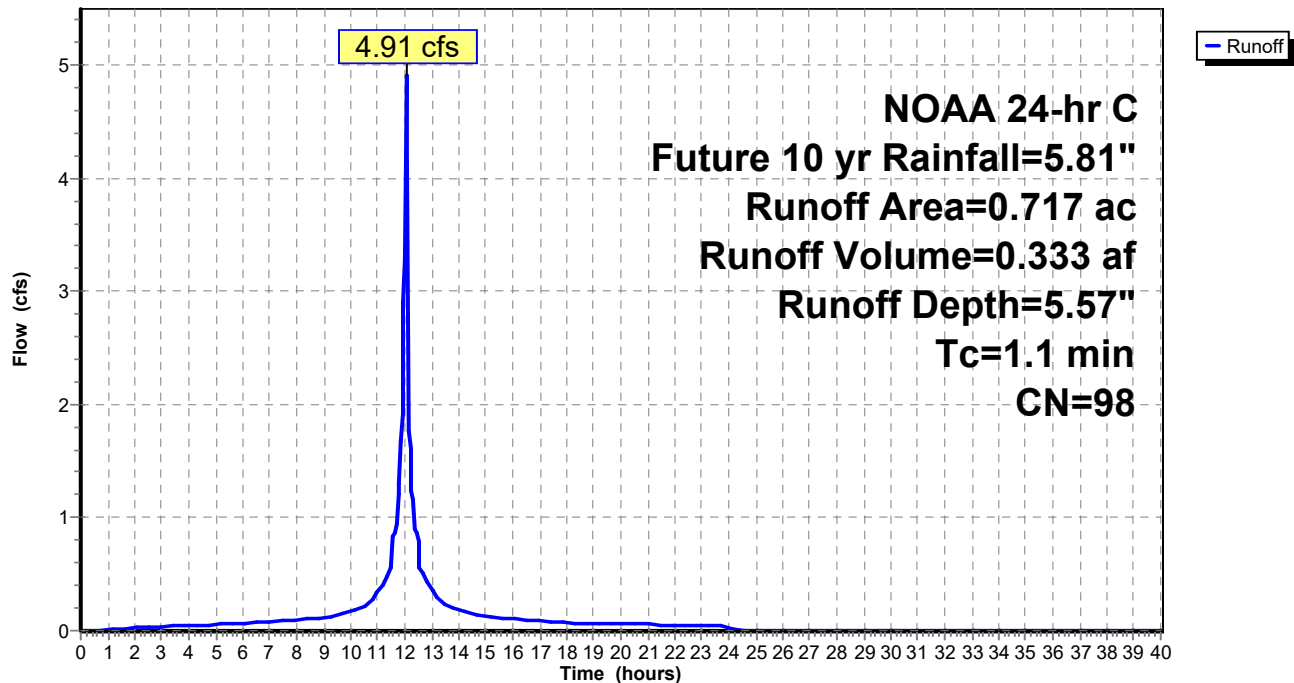
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.557	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.096	98	Concrete, HSC C
0.717	98	Weighted Average
0.717		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.1					Direct Entry,

Subcatchment 31I: PDA-31 (impervious)

Hydrograph



Hydrograph for Subcatchment 31I: PDA-31 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.03
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.03
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.04
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.04
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.04
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.04
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.04
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.04
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.04
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.04
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.04
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.04
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.04
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.04
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.04
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.04
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.04
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.04
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.04
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.04
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.04
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.04
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.04
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.05
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.05
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.05
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.05
1.40	0.09	0.01	0.02	4.00	0.28	0.13	0.05
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.05
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.05
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.05
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.05
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.05
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.05
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.05
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.05
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.05
1.90	0.12	0.02	0.03	4.50	0.33	0.17	0.05
1.95	0.13	0.03	0.03	4.55	0.33	0.17	0.05
2.00	0.13	0.03	0.03	4.60	0.33	0.17	0.05
2.05	0.13	0.03	0.03	4.65	0.34	0.18	0.05
2.10	0.14	0.03	0.03	4.70	0.34	0.18	0.05
2.15	0.14	0.03	0.03	4.75	0.35	0.18	0.05
2.20	0.15	0.04	0.03	4.80	0.35	0.19	0.05
2.25	0.15	0.04	0.03	4.85	0.36	0.19	0.05
2.30	0.15	0.04	0.03	4.90	0.36	0.20	0.05
2.35	0.16	0.04	0.03	4.95	0.37	0.20	0.05
2.40	0.16	0.04	0.03	5.00	0.37	0.20	0.05
2.45	0.16	0.05	0.03	5.05	0.37	0.21	0.05
2.50	0.17	0.05	0.03	5.10	0.38	0.21	0.05
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.06

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.09
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.09
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.09
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.10
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.10
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.10
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.10
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.10
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.10
5.65	0.43	0.25	0.06	8.25	0.73	0.53	0.10
5.70	0.43	0.26	0.06	8.30	0.74	0.54	0.10
5.75	0.44	0.26	0.06	8.35	0.75	0.55	0.10
5.80	0.44	0.27	0.06	8.40	0.75	0.55	0.10
5.85	0.45	0.27	0.06	8.45	0.76	0.56	0.10
5.90	0.45	0.27	0.06	8.50	0.77	0.57	0.10
5.95	0.46	0.28	0.06	8.55	0.78	0.58	0.11
6.00	0.46	0.28	0.06	8.60	0.78	0.58	0.11
6.05	0.47	0.29	0.06	8.65	0.79	0.59	0.11
6.10	0.47	0.29	0.06	8.70	0.80	0.60	0.11
6.15	0.47	0.30	0.06	8.75	0.81	0.61	0.11
6.20	0.48	0.30	0.06	8.80	0.82	0.61	0.11
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.11
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.11
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.11
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.11
6.45	0.51	0.32	0.07	9.05	0.86	0.65	0.12
6.50	0.51	0.33	0.07	9.10	0.87	0.66	0.12
6.55	0.52	0.33	0.07	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.07	9.20	0.88	0.68	0.13
6.65	0.53	0.34	0.07	9.25	0.89	0.69	0.13
6.70	0.53	0.35	0.07	9.30	0.90	0.70	0.13
6.75	0.54	0.35	0.07	9.35	0.91	0.71	0.14
6.80	0.54	0.36	0.07	9.40	0.92	0.72	0.14
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.14
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.15
6.95	0.56	0.37	0.08	9.55	0.95	0.75	0.15
7.00	0.57	0.38	0.08	9.60	0.96	0.76	0.15
7.05	0.57	0.38	0.08	9.65	0.98	0.77	0.16
7.10	0.58	0.39	0.08	9.70	0.99	0.78	0.16
7.15	0.58	0.40	0.08	9.75	1.00	0.79	0.16
7.20	0.59	0.40	0.08	9.80	1.01	0.80	0.16
7.25	0.60	0.41	0.08	9.85	1.02	0.81	0.17
7.30	0.60	0.41	0.08	9.90	1.03	0.82	0.17
7.35	0.61	0.42	0.08	9.95	1.05	0.84	0.18
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.18
7.45	0.62	0.43	0.09	10.05	1.07	0.86	0.18
7.50	0.63	0.44	0.09	10.10	1.09	0.87	0.18
7.55	0.64	0.44	0.09	10.15	1.10	0.89	0.19
7.60	0.64	0.45	0.09	10.20	1.11	0.90	0.19
7.65	0.65	0.45	0.09	10.25	1.13	0.91	0.19
7.70	0.65	0.46	0.09	10.30	1.14	0.93	0.20
7.75	0.66	0.47	0.09	10.35	1.15	0.94	0.20

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.20	13.00	4.42	4.18	0.37
10.45	1.18	0.97	0.21	13.05	4.44	4.20	0.33
10.50	1.20	0.98	0.21	13.10	4.46	4.23	0.33
10.55	1.21	1.00	0.23	13.15	4.48	4.25	0.31
10.60	1.23	1.02	0.24	13.20	4.50	4.27	0.30
10.65	1.25	1.03	0.25	13.25	4.52	4.29	0.28
10.70	1.27	1.05	0.26	13.30	4.54	4.31	0.28
10.75	1.29	1.07	0.28	13.35	4.56	4.33	0.26
10.80	1.31	1.09	0.28	13.40	4.58	4.34	0.26
10.85	1.33	1.11	0.30	13.45	4.60	4.36	0.24
10.90	1.35	1.13	0.31	13.50	4.61	4.38	0.23
10.95	1.37	1.15	0.33	13.55	4.63	4.39	0.21
11.00	1.39	1.18	0.34	13.60	4.64	4.41	0.21
11.05	1.42	1.20	0.37	13.65	4.66	4.42	0.21
11.10	1.45	1.23	0.38	13.70	4.67	4.43	0.20
11.15	1.48	1.26	0.42	13.75	4.68	4.45	0.20
11.20	1.51	1.29	0.42	13.80	4.70	4.46	0.20
11.25	1.54	1.32	0.46	13.85	4.71	4.48	0.19
11.30	1.57	1.35	0.47	13.90	4.72	4.49	0.19
11.35	1.61	1.38	0.51	13.95	4.74	4.50	0.19
11.40	1.64	1.42	0.51	14.00	4.75	4.51	0.19
11.45	1.68	1.46	0.54	14.05	4.76	4.53	0.18
11.50	1.72	1.49	0.60	14.10	4.78	4.54	0.18
11.55	1.78	1.55	0.83	14.15	4.79	4.55	0.17
11.60	1.83	1.61	0.85	14.20	4.80	4.56	0.17
11.65	1.90	1.67	0.88	14.25	4.81	4.57	0.17
11.70	1.96	1.73	0.94	14.30	4.82	4.59	0.17
11.75	2.04	1.82	1.21	14.35	4.83	4.60	0.16
11.80	2.13	1.90	1.30	14.40	4.85	4.61	0.16
11.85	2.25	2.02	1.68	14.45	4.86	4.62	0.16
11.90	2.36	2.13	1.91	14.50	4.87	4.63	0.15
11.95	2.57	2.34	2.89	14.55	4.88	4.64	0.15
12.00	2.77	2.54	3.27	14.60	4.89	4.65	0.15
12.05	3.11	2.88	4.84	14.65	4.90	4.66	0.14
12.10	3.45	3.21	4.31	14.70	4.91	4.67	0.14
12.15	3.56	3.33	1.76	14.75	4.92	4.68	0.14
12.20	3.68	3.45	1.61	14.80	4.93	4.69	0.14
12.25	3.77	3.53	1.23	14.85	4.94	4.70	0.13
12.30	3.85	3.62	1.16	14.90	4.94	4.71	0.13
12.35	3.91	3.68	0.90	14.95	4.95	4.72	0.12
12.40	3.98	3.74	0.88	15.00	4.96	4.72	0.12
12.45	4.03	3.80	0.85	15.05	4.97	4.73	0.12
12.50	4.09	3.86	0.79	15.10	4.98	4.74	0.12
12.55	4.13	3.90	0.55	15.15	4.99	4.75	0.12
12.60	4.17	3.93	0.54	15.20	4.99	4.76	0.12
12.65	4.20	3.97	0.51	15.25	5.00	4.76	0.11
12.70	4.24	4.00	0.50	15.30	5.01	4.77	0.11
12.75	4.27	4.04	0.47	15.35	5.02	4.78	0.11
12.80	4.30	4.07	0.46	15.40	5.03	4.79	0.11
12.85	4.33	4.10	0.42	15.45	5.03	4.80	0.11
12.90	4.36	4.13	0.41	15.50	5.04	4.80	0.11
12.95	4.39	4.15	0.38	15.55	5.05	4.81	0.11

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.11	18.20	5.37	5.13	0.07
15.65	5.06	4.83	0.11	18.25	5.37	5.14	0.07
15.70	5.07	4.83	0.11	18.30	5.38	5.14	0.07
15.75	5.08	4.84	0.11	18.35	5.38	5.14	0.07
15.80	5.09	4.85	0.11	18.40	5.39	5.15	0.07
15.85	5.09	4.86	0.10	18.45	5.39	5.15	0.07
15.90	5.10	4.86	0.10	18.50	5.40	5.16	0.07
15.95	5.11	4.87	0.10	18.55	5.40	5.16	0.07
16.00	5.11	4.88	0.10	18.60	5.40	5.17	0.07
16.05	5.12	4.88	0.10	18.65	5.41	5.17	0.07
16.10	5.13	4.89	0.10	18.70	5.41	5.18	0.06
16.15	5.13	4.90	0.10	18.75	5.42	5.18	0.06
16.20	5.14	4.90	0.10	18.80	5.42	5.19	0.06
16.25	5.15	4.91	0.10	18.85	5.43	5.19	0.06
16.30	5.16	4.92	0.10	18.90	5.43	5.19	0.06
16.35	5.16	4.92	0.10	18.95	5.44	5.20	0.06
16.40	5.17	4.93	0.10	19.00	5.44	5.20	0.06
16.45	5.17	4.94	0.09	19.05	5.44	5.21	0.06
16.50	5.18	4.94	0.09	19.10	5.45	5.21	0.06
16.55	5.19	4.95	0.09	19.15	5.45	5.22	0.06
16.60	5.19	4.96	0.09	19.20	5.46	5.22	0.06
16.65	5.20	4.96	0.09	19.25	5.46	5.22	0.06
16.70	5.21	4.97	0.09	19.30	5.47	5.23	0.06
16.75	5.21	4.98	0.09	19.35	5.47	5.23	0.06
16.80	5.22	4.98	0.09	19.40	5.48	5.24	0.06
16.85	5.23	4.99	0.09	19.45	5.48	5.24	0.06
16.90	5.23	4.99	0.09	19.50	5.48	5.25	0.06
16.95	5.24	5.00	0.09	19.55	5.49	5.25	0.06
17.00	5.24	5.01	0.09	19.60	5.49	5.25	0.06
17.05	5.25	5.01	0.08	19.65	5.50	5.26	0.06
17.10	5.25	5.02	0.08	19.70	5.50	5.26	0.06
17.15	5.26	5.02	0.08	19.75	5.50	5.27	0.06
17.20	5.27	5.03	0.08	19.80	5.51	5.27	0.06
17.25	5.27	5.03	0.08	19.85	5.51	5.28	0.06
17.30	5.28	5.04	0.08	19.90	5.52	5.28	0.06
17.35	5.28	5.05	0.08	19.95	5.52	5.28	0.06
17.40	5.29	5.05	0.08	20.00	5.53	5.29	0.06
17.45	5.29	5.06	0.08	20.05	5.53	5.29	0.06
17.50	5.30	5.06	0.08	20.10	5.53	5.30	0.06
17.55	5.30	5.07	0.08	20.15	5.54	5.30	0.06
17.60	5.31	5.07	0.08	20.20	5.54	5.30	0.06
17.65	5.31	5.08	0.07	20.25	5.55	5.31	0.06
17.70	5.32	5.08	0.07	20.30	5.55	5.31	0.06
17.75	5.33	5.09	0.07	20.35	5.55	5.32	0.06
17.80	5.33	5.09	0.07	20.40	5.56	5.32	0.06
17.85	5.34	5.10	0.07	20.45	5.56	5.32	0.06
17.90	5.34	5.10	0.07	20.50	5.57	5.33	0.06
17.95	5.34	5.11	0.07	20.55	5.57	5.33	0.06
18.00	5.35	5.11	0.07	20.60	5.57	5.34	0.06
18.05	5.35	5.12	0.07	20.65	5.58	5.34	0.06
18.10	5.36	5.12	0.07	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.07	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.05	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.05	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.05	23.75	5.79	5.56	0.04
21.20	5.62	5.38	0.05	23.80	5.80	5.56	0.04
21.25	5.62	5.39	0.05	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.05	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.05	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.05	24.00	5.81	5.57	0.04
21.45	5.64	5.40	0.05	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.05	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.05	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.05	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.05	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.05	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.05	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.05	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.05	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.05	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.05	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.05	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.05	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.05	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.05	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.05	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.05	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.05	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.05	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.05	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.05	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.05	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.05	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.05	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.05	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.05	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.05	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 31P: PDA-31 (pervious)

Runoff = 0.91 cfs @ 12.09 hrs, Volume= 0.052 af, Depth= 3.03"
 Routed to Pond B-31 : Basin #31

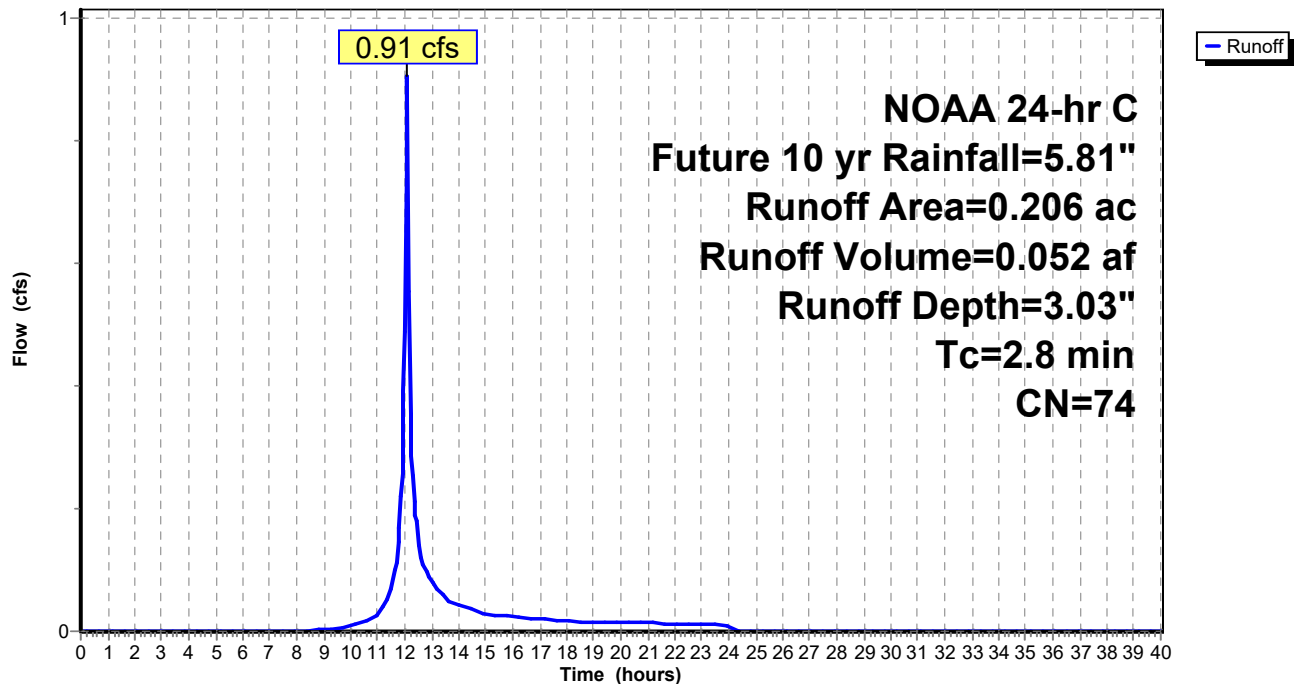
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.206	74	>75% Grass cover, Good, HSG C
0.206		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8					Direct Entry,

Subcatchment 31P: PDA-31 (pervious)

Hydrograph



Hydrograph for Subcatchment 31P: PDA-31 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.00
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.00
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.00
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.00
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.00
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.00
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.00
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.00
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.00
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.00
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.00
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.00
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.00
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.00
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.00
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.01
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.01
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.01
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.01
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.01
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.01
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.01
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.01
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.01
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.01
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.01
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.01
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.01
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.01
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.01
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.01
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.01
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.01

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.01	13.00	4.42	1.91	0.08
10.45	1.18	0.06	0.01	13.05	4.44	1.93	0.08
10.50	1.20	0.06	0.01	13.10	4.46	1.94	0.07
10.55	1.21	0.06	0.02	13.15	4.48	1.96	0.07
10.60	1.23	0.07	0.02	13.20	4.50	1.98	0.07
10.65	1.25	0.07	0.02	13.25	4.52	1.99	0.06
10.70	1.27	0.08	0.02	13.30	4.54	2.01	0.06
10.75	1.29	0.08	0.02	13.35	4.56	2.02	0.06
10.80	1.31	0.09	0.02	13.40	4.58	2.03	0.06
10.85	1.33	0.09	0.02	13.45	4.60	2.05	0.05
10.90	1.35	0.10	0.02	13.50	4.61	2.06	0.05
10.95	1.37	0.11	0.03	13.55	4.63	2.07	0.05
11.00	1.39	0.11	0.03	13.60	4.64	2.08	0.05
11.05	1.42	0.12	0.03	13.65	4.66	2.09	0.05
11.10	1.45	0.13	0.03	13.70	4.67	2.10	0.05
11.15	1.48	0.14	0.04	13.75	4.68	2.12	0.05
11.20	1.51	0.15	0.04	13.80	4.70	2.13	0.04
11.25	1.54	0.16	0.04	13.85	4.71	2.14	0.04
11.30	1.57	0.17	0.05	13.90	4.72	2.15	0.04
11.35	1.61	0.18	0.05	13.95	4.74	2.16	0.04
11.40	1.64	0.20	0.05	14.00	4.75	2.17	0.04
11.45	1.68	0.21	0.06	14.05	4.76	2.18	0.04
11.50	1.72	0.23	0.06	14.10	4.78	2.19	0.04
11.55	1.78	0.25	0.09	14.15	4.79	2.20	0.04
11.60	1.83	0.28	0.10	14.20	4.80	2.21	0.04
11.65	1.90	0.30	0.11	14.25	4.81	2.21	0.04
11.70	1.96	0.33	0.11	14.30	4.82	2.22	0.04
11.75	2.04	0.37	0.15	14.35	4.83	2.23	0.04
11.80	2.13	0.41	0.17	14.40	4.85	2.24	0.04
11.85	2.25	0.47	0.22	14.45	4.86	2.25	0.04
11.90	2.36	0.53	0.26	14.50	4.87	2.26	0.04
11.95	2.57	0.65	0.39	14.55	4.88	2.27	0.03
12.00	2.77	0.77	0.49	14.60	4.89	2.27	0.03
12.05	3.11	0.98	0.74	14.65	4.90	2.28	0.03
12.10	3.45	1.20	0.90	14.70	4.91	2.29	0.03
12.15	3.56	1.28	0.55	14.75	4.92	2.30	0.03
12.20	3.68	1.37	0.36	14.80	4.93	2.31	0.03
12.25	3.77	1.43	0.28	14.85	4.94	2.31	0.03
12.30	3.85	1.49	0.25	14.90	4.94	2.32	0.03
12.35	3.91	1.53	0.21	14.95	4.95	2.33	0.03
12.40	3.98	1.58	0.19	15.00	4.96	2.33	0.03
12.45	4.03	1.62	0.18	15.05	4.97	2.34	0.03
12.50	4.09	1.67	0.18	15.10	4.98	2.35	0.03
12.55	4.13	1.69	0.14	15.15	4.99	2.35	0.03
12.60	4.17	1.72	0.12	15.20	4.99	2.36	0.03
12.65	4.20	1.75	0.11	15.25	5.00	2.37	0.03
12.70	4.24	1.77	0.11	15.30	5.01	2.37	0.03
12.75	4.27	1.80	0.10	15.35	5.02	2.38	0.03
12.80	4.30	1.82	0.10	15.40	5.03	2.38	0.03
12.85	4.33	1.85	0.10	15.45	5.03	2.39	0.03
12.90	4.36	1.87	0.09	15.50	5.04	2.40	0.03
12.95	4.39	1.89	0.09	15.55	5.05	2.40	0.03

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.03	18.20	5.37	2.66	0.02
15.65	5.06	2.41	0.02	18.25	5.37	2.67	0.02
15.70	5.07	2.42	0.02	18.30	5.38	2.67	0.02
15.75	5.08	2.43	0.02	18.35	5.38	2.67	0.02
15.80	5.09	2.43	0.02	18.40	5.39	2.68	0.02
15.85	5.09	2.44	0.02	18.45	5.39	2.68	0.02
15.90	5.10	2.44	0.02	18.50	5.40	2.68	0.02
15.95	5.11	2.45	0.02	18.55	5.40	2.69	0.02
16.00	5.11	2.46	0.02	18.60	5.40	2.69	0.02
16.05	5.12	2.46	0.02	18.65	5.41	2.69	0.02
16.10	5.13	2.47	0.02	18.70	5.41	2.70	0.02
16.15	5.13	2.47	0.02	18.75	5.42	2.70	0.02
16.20	5.14	2.48	0.02	18.80	5.42	2.71	0.02
16.25	5.15	2.48	0.02	18.85	5.43	2.71	0.02
16.30	5.16	2.49	0.02	18.90	5.43	2.71	0.02
16.35	5.16	2.49	0.02	18.95	5.44	2.72	0.02
16.40	5.17	2.50	0.02	19.00	5.44	2.72	0.02
16.45	5.17	2.50	0.02	19.05	5.44	2.72	0.01
16.50	5.18	2.51	0.02	19.10	5.45	2.73	0.01
16.55	5.19	2.52	0.02	19.15	5.45	2.73	0.01
16.60	5.19	2.52	0.02	19.20	5.46	2.73	0.01
16.65	5.20	2.53	0.02	19.25	5.46	2.74	0.01
16.70	5.21	2.53	0.02	19.30	5.47	2.74	0.01
16.75	5.21	2.54	0.02	19.35	5.47	2.75	0.01
16.80	5.22	2.54	0.02	19.40	5.48	2.75	0.01
16.85	5.23	2.55	0.02	19.45	5.48	2.75	0.01
16.90	5.23	2.55	0.02	19.50	5.48	2.76	0.01
16.95	5.24	2.55	0.02	19.55	5.49	2.76	0.01
17.00	5.24	2.56	0.02	19.60	5.49	2.76	0.01
17.05	5.25	2.56	0.02	19.65	5.50	2.77	0.01
17.10	5.25	2.57	0.02	19.70	5.50	2.77	0.01
17.15	5.26	2.57	0.02	19.75	5.50	2.77	0.01
17.20	5.27	2.58	0.02	19.80	5.51	2.78	0.01
17.25	5.27	2.58	0.02	19.85	5.51	2.78	0.01
17.30	5.28	2.59	0.02	19.90	5.52	2.78	0.01
17.35	5.28	2.59	0.02	19.95	5.52	2.79	0.01
17.40	5.29	2.60	0.02	20.00	5.53	2.79	0.01
17.45	5.29	2.60	0.02	20.05	5.53	2.79	0.01
17.50	5.30	2.61	0.02	20.10	5.53	2.80	0.01
17.55	5.30	2.61	0.02	20.15	5.54	2.80	0.01
17.60	5.31	2.61	0.02	20.20	5.54	2.80	0.01
17.65	5.31	2.62	0.02	20.25	5.55	2.81	0.01
17.70	5.32	2.62	0.02	20.30	5.55	2.81	0.01
17.75	5.33	2.63	0.02	20.35	5.55	2.81	0.01
17.80	5.33	2.63	0.02	20.40	5.56	2.82	0.01
17.85	5.34	2.63	0.02	20.45	5.56	2.82	0.01
17.90	5.34	2.64	0.02	20.50	5.57	2.82	0.01
17.95	5.34	2.64	0.02	20.55	5.57	2.83	0.01
18.00	5.35	2.65	0.02	20.60	5.57	2.83	0.01
18.05	5.35	2.65	0.02	20.65	5.58	2.83	0.01
18.10	5.36	2.65	0.02	20.70	5.58	2.84	0.01
18.15	5.36	2.66	0.02	20.75	5.59	2.84	0.01

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.01	23.40	5.77	2.99	0.01
20.85	5.59	2.85	0.01	23.45	5.78	3.00	0.01
20.90	5.60	2.85	0.01	23.50	5.78	3.00	0.01
20.95	5.60	2.85	0.01	23.55	5.78	3.00	0.01
21.00	5.61	2.86	0.01	23.60	5.78	3.00	0.01
21.05	5.61	2.86	0.01	23.65	5.79	3.01	0.01
21.10	5.61	2.86	0.01	23.70	5.79	3.01	0.01
21.15	5.62	2.87	0.01	23.75	5.79	3.01	0.01
21.20	5.62	2.87	0.01	23.80	5.80	3.01	0.01
21.25	5.62	2.87	0.01	23.85	5.80	3.02	0.01
21.30	5.63	2.87	0.01	23.90	5.80	3.02	0.01
21.35	5.63	2.88	0.01	23.95	5.81	3.02	0.01
21.40	5.64	2.88	0.01	24.00	5.81	3.03	0.01
21.45	5.64	2.88	0.01	24.05	5.81	3.03	0.00
21.50	5.64	2.89	0.01	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.01	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.01	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.01	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.01	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.01	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.01	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.01	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.01	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.01	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.01	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.01	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.01	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.01	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.01	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.01	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.01	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.01	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.01	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.01	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.01	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.01	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.01	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.01	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.01	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.01	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.01	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.01	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.01	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.01	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.01	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.01	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.01	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.01	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.01	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.01	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.01	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.01	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 32I: PDA-32 (impervious)

Runoff = 2.64 cfs @ 12.06 hrs, Volume= 0.179 af, Depth= 5.57"
Routed to Pond B-32 : Basin #32

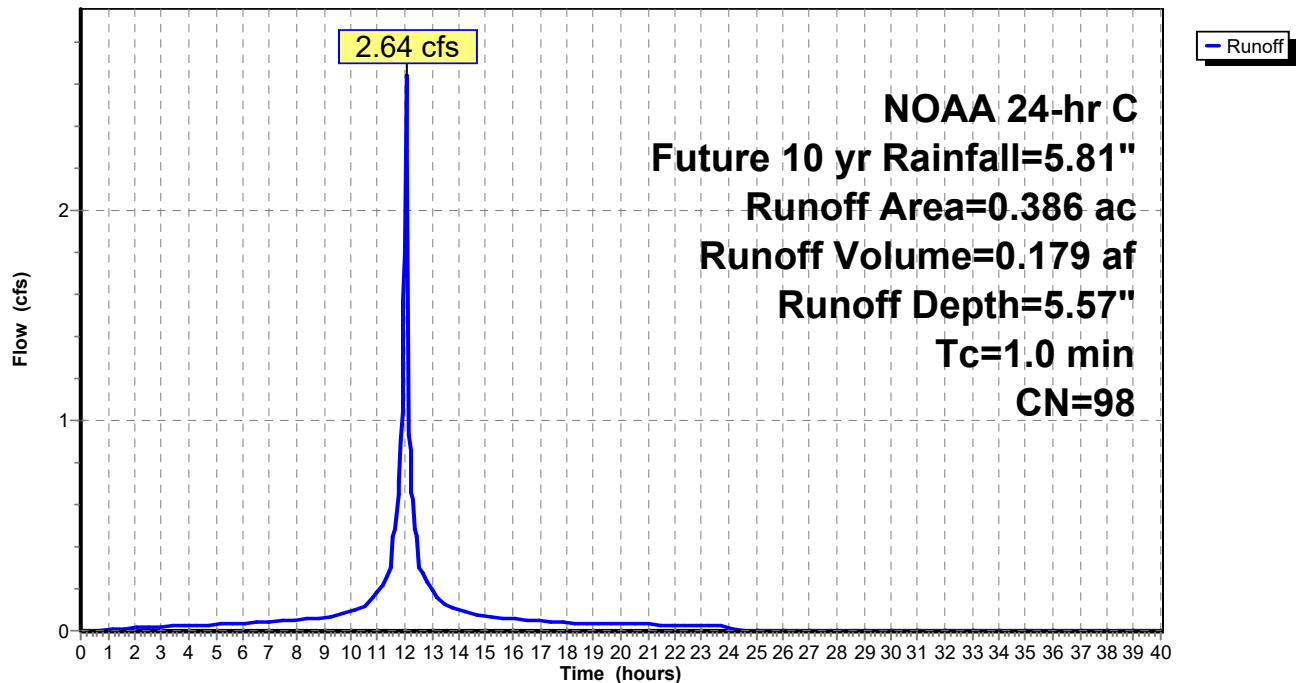
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.386	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.386	98	Weighted Average
0.386		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 32I: PDA-32 (impervious)

Hydrograph



Hydrograph for Subcatchment 32I: PDA-32 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.02
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.02
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.02
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.02
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.02
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.02
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.02
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.02
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.02
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.02
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.02
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.02
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.02
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.02
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.02
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.02
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.02
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.02
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.02
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.02
1.00	0.06	0.00	0.00	3.60	0.25	0.11	0.02
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.02
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.02
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.02
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.02
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.02
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.02
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.03
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.03
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.03
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.03
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.03
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.03
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.03
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.03
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.03
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.03
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.03
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.03
1.95	0.13	0.03	0.01	4.55	0.33	0.17	0.03
2.00	0.13	0.03	0.01	4.60	0.33	0.17	0.03
2.05	0.13	0.03	0.01	4.65	0.34	0.18	0.03
2.10	0.14	0.03	0.01	4.70	0.34	0.18	0.03
2.15	0.14	0.03	0.02	4.75	0.35	0.18	0.03
2.20	0.15	0.04	0.02	4.80	0.35	0.19	0.03
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.03
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.03
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.03
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.03
2.45	0.16	0.05	0.02	5.05	0.37	0.21	0.03
2.50	0.17	0.05	0.02	5.10	0.38	0.21	0.03
2.55	0.17	0.05	0.02	5.15	0.38	0.21	0.03

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.03	7.80	0.67	0.47	0.05
5.25	0.39	0.22	0.03	7.85	0.68	0.48	0.05
5.30	0.40	0.23	0.03	7.90	0.68	0.49	0.05
5.35	0.40	0.23	0.03	7.95	0.69	0.49	0.05
5.40	0.41	0.23	0.03	8.00	0.70	0.50	0.05
5.45	0.41	0.24	0.03	8.05	0.70	0.51	0.05
5.50	0.41	0.24	0.03	8.10	0.71	0.51	0.05
5.55	0.42	0.25	0.03	8.15	0.72	0.52	0.05
5.60	0.42	0.25	0.03	8.20	0.72	0.53	0.05
5.65	0.43	0.25	0.03	8.25	0.73	0.53	0.05
5.70	0.43	0.26	0.03	8.30	0.74	0.54	0.05
5.75	0.44	0.26	0.03	8.35	0.75	0.55	0.05
5.80	0.44	0.27	0.03	8.40	0.75	0.55	0.06
5.85	0.45	0.27	0.03	8.45	0.76	0.56	0.06
5.90	0.45	0.27	0.03	8.50	0.77	0.57	0.06
5.95	0.46	0.28	0.03	8.55	0.78	0.58	0.06
6.00	0.46	0.28	0.03	8.60	0.78	0.58	0.06
6.05	0.47	0.29	0.03	8.65	0.79	0.59	0.06
6.10	0.47	0.29	0.03	8.70	0.80	0.60	0.06
6.15	0.47	0.30	0.03	8.75	0.81	0.61	0.06
6.20	0.48	0.30	0.03	8.80	0.82	0.61	0.06
6.25	0.48	0.30	0.04	8.85	0.82	0.62	0.06
6.30	0.49	0.31	0.04	8.90	0.83	0.63	0.06
6.35	0.50	0.31	0.04	8.95	0.84	0.64	0.06
6.40	0.50	0.32	0.04	9.00	0.85	0.64	0.06
6.45	0.51	0.32	0.04	9.05	0.86	0.65	0.06
6.50	0.51	0.33	0.04	9.10	0.87	0.66	0.06
6.55	0.52	0.33	0.04	9.15	0.87	0.67	0.07
6.60	0.52	0.34	0.04	9.20	0.88	0.68	0.07
6.65	0.53	0.34	0.04	9.25	0.89	0.69	0.07
6.70	0.53	0.35	0.04	9.30	0.90	0.70	0.07
6.75	0.54	0.35	0.04	9.35	0.91	0.71	0.07
6.80	0.54	0.36	0.04	9.40	0.92	0.72	0.07
6.85	0.55	0.36	0.04	9.45	0.93	0.73	0.08
6.90	0.56	0.37	0.04	9.50	0.94	0.74	0.08
6.95	0.56	0.37	0.04	9.55	0.95	0.75	0.08
7.00	0.57	0.38	0.04	9.60	0.96	0.76	0.08
7.05	0.57	0.38	0.04	9.65	0.98	0.77	0.08
7.10	0.58	0.39	0.04	9.70	0.99	0.78	0.08
7.15	0.58	0.40	0.04	9.75	1.00	0.79	0.09
7.20	0.59	0.40	0.04	9.80	1.01	0.80	0.09
7.25	0.60	0.41	0.04	9.85	1.02	0.81	0.09
7.30	0.60	0.41	0.04	9.90	1.03	0.82	0.09
7.35	0.61	0.42	0.05	9.95	1.05	0.84	0.09
7.40	0.62	0.42	0.05	10.00	1.06	0.85	0.10
7.45	0.62	0.43	0.05	10.05	1.07	0.86	0.10
7.50	0.63	0.44	0.05	10.10	1.09	0.87	0.10
7.55	0.64	0.44	0.05	10.15	1.10	0.89	0.10
7.60	0.64	0.45	0.05	10.20	1.11	0.90	0.10
7.65	0.65	0.45	0.05	10.25	1.13	0.91	0.10
7.70	0.65	0.46	0.05	10.30	1.14	0.93	0.11
7.75	0.66	0.47	0.05	10.35	1.15	0.94	0.11

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.11	13.00	4.42	4.18	0.20
10.45	1.18	0.97	0.11	13.05	4.44	4.20	0.18
10.50	1.20	0.98	0.11	13.10	4.46	4.23	0.18
10.55	1.21	1.00	0.12	13.15	4.48	4.25	0.17
10.60	1.23	1.02	0.13	13.20	4.50	4.27	0.16
10.65	1.25	1.03	0.14	13.25	4.52	4.29	0.15
10.70	1.27	1.05	0.14	13.30	4.54	4.31	0.15
10.75	1.29	1.07	0.15	13.35	4.56	4.33	0.14
10.80	1.31	1.09	0.15	13.40	4.58	4.34	0.14
10.85	1.33	1.11	0.16	13.45	4.60	4.36	0.13
10.90	1.35	1.13	0.17	13.50	4.61	4.38	0.12
10.95	1.37	1.15	0.18	13.55	4.63	4.39	0.11
11.00	1.39	1.18	0.18	13.60	4.64	4.41	0.11
11.05	1.42	1.20	0.20	13.65	4.66	4.42	0.11
11.10	1.45	1.23	0.21	13.70	4.67	4.43	0.11
11.15	1.48	1.26	0.22	13.75	4.68	4.45	0.11
11.20	1.51	1.29	0.23	13.80	4.70	4.46	0.11
11.25	1.54	1.32	0.25	13.85	4.71	4.48	0.10
11.30	1.57	1.35	0.25	13.90	4.72	4.49	0.10
11.35	1.61	1.38	0.27	13.95	4.74	4.50	0.10
11.40	1.64	1.42	0.28	14.00	4.75	4.51	0.10
11.45	1.68	1.46	0.29	14.05	4.76	4.53	0.10
11.50	1.72	1.49	0.32	14.10	4.78	4.54	0.10
11.55	1.78	1.55	0.45	14.15	4.79	4.55	0.09
11.60	1.83	1.61	0.46	14.20	4.80	4.56	0.09
11.65	1.90	1.67	0.48	14.25	4.81	4.57	0.09
11.70	1.96	1.73	0.51	14.30	4.82	4.59	0.09
11.75	2.04	1.82	0.65	14.35	4.83	4.60	0.09
11.80	2.13	1.90	0.71	14.40	4.85	4.61	0.09
11.85	2.25	2.02	0.91	14.45	4.86	4.62	0.08
11.90	2.36	2.13	1.04	14.50	4.87	4.63	0.08
11.95	2.57	2.34	1.56	14.55	4.88	4.64	0.08
12.00	2.77	2.54	1.79	14.60	4.89	4.65	0.08
12.05	3.11	2.88	2.61	14.65	4.90	4.66	0.08
12.10	3.45	3.21	2.28	14.70	4.91	4.67	0.08
12.15	3.56	3.33	0.94	14.75	4.92	4.68	0.07
12.20	3.68	3.45	0.86	14.80	4.93	4.69	0.07
12.25	3.77	3.53	0.66	14.85	4.94	4.70	0.07
12.30	3.85	3.62	0.62	14.90	4.94	4.71	0.07
12.35	3.91	3.68	0.48	14.95	4.95	4.72	0.07
12.40	3.98	3.74	0.48	15.00	4.96	4.72	0.07
12.45	4.03	3.80	0.46	15.05	4.97	4.73	0.06
12.50	4.09	3.86	0.42	15.10	4.98	4.74	0.06
12.55	4.13	3.90	0.30	15.15	4.99	4.75	0.06
12.60	4.17	3.93	0.29	15.20	4.99	4.76	0.06
12.65	4.20	3.97	0.28	15.25	5.00	4.76	0.06
12.70	4.24	4.00	0.27	15.30	5.01	4.77	0.06
12.75	4.27	4.04	0.25	15.35	5.02	4.78	0.06
12.80	4.30	4.07	0.25	15.40	5.03	4.79	0.06
12.85	4.33	4.10	0.23	15.45	5.03	4.80	0.06
12.90	4.36	4.13	0.22	15.50	5.04	4.80	0.06
12.95	4.39	4.15	0.20	15.55	5.05	4.81	0.06

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.06	18.20	5.37	5.13	0.04
15.65	5.06	4.83	0.06	18.25	5.37	5.14	0.04
15.70	5.07	4.83	0.06	18.30	5.38	5.14	0.04
15.75	5.08	4.84	0.06	18.35	5.38	5.14	0.04
15.80	5.09	4.85	0.06	18.40	5.39	5.15	0.04
15.85	5.09	4.86	0.06	18.45	5.39	5.15	0.04
15.90	5.10	4.86	0.06	18.50	5.40	5.16	0.04
15.95	5.11	4.87	0.06	18.55	5.40	5.16	0.04
16.00	5.11	4.88	0.05	18.60	5.40	5.17	0.04
16.05	5.12	4.88	0.05	18.65	5.41	5.17	0.04
16.10	5.13	4.89	0.05	18.70	5.41	5.18	0.03
16.15	5.13	4.90	0.05	18.75	5.42	5.18	0.03
16.20	5.14	4.90	0.05	18.80	5.42	5.19	0.03
16.25	5.15	4.91	0.05	18.85	5.43	5.19	0.03
16.30	5.16	4.92	0.05	18.90	5.43	5.19	0.03
16.35	5.16	4.92	0.05	18.95	5.44	5.20	0.03
16.40	5.17	4.93	0.05	19.00	5.44	5.20	0.03
16.45	5.17	4.94	0.05	19.05	5.44	5.21	0.03
16.50	5.18	4.94	0.05	19.10	5.45	5.21	0.03
16.55	5.19	4.95	0.05	19.15	5.45	5.22	0.03
16.60	5.19	4.96	0.05	19.20	5.46	5.22	0.03
16.65	5.20	4.96	0.05	19.25	5.46	5.22	0.03
16.70	5.21	4.97	0.05	19.30	5.47	5.23	0.03
16.75	5.21	4.98	0.05	19.35	5.47	5.23	0.03
16.80	5.22	4.98	0.05	19.40	5.48	5.24	0.03
16.85	5.23	4.99	0.05	19.45	5.48	5.24	0.03
16.90	5.23	4.99	0.05	19.50	5.48	5.25	0.03
16.95	5.24	5.00	0.05	19.55	5.49	5.25	0.03
17.00	5.24	5.01	0.05	19.60	5.49	5.25	0.03
17.05	5.25	5.01	0.05	19.65	5.50	5.26	0.03
17.10	5.25	5.02	0.05	19.70	5.50	5.26	0.03
17.15	5.26	5.02	0.04	19.75	5.50	5.27	0.03
17.20	5.27	5.03	0.04	19.80	5.51	5.27	0.03
17.25	5.27	5.03	0.04	19.85	5.51	5.28	0.03
17.30	5.28	5.04	0.04	19.90	5.52	5.28	0.03
17.35	5.28	5.05	0.04	19.95	5.52	5.28	0.03
17.40	5.29	5.05	0.04	20.00	5.53	5.29	0.03
17.45	5.29	5.06	0.04	20.05	5.53	5.29	0.03
17.50	5.30	5.06	0.04	20.10	5.53	5.30	0.03
17.55	5.30	5.07	0.04	20.15	5.54	5.30	0.03
17.60	5.31	5.07	0.04	20.20	5.54	5.30	0.03
17.65	5.31	5.08	0.04	20.25	5.55	5.31	0.03
17.70	5.32	5.08	0.04	20.30	5.55	5.31	0.03
17.75	5.33	5.09	0.04	20.35	5.55	5.32	0.03
17.80	5.33	5.09	0.04	20.40	5.56	5.32	0.03
17.85	5.34	5.10	0.04	20.45	5.56	5.32	0.03
17.90	5.34	5.10	0.04	20.50	5.57	5.33	0.03
17.95	5.34	5.11	0.04	20.55	5.57	5.33	0.03
18.00	5.35	5.11	0.04	20.60	5.57	5.34	0.03
18.05	5.35	5.12	0.04	20.65	5.58	5.34	0.03
18.10	5.36	5.12	0.04	20.70	5.58	5.34	0.03
18.15	5.36	5.13	0.04	20.75	5.59	5.35	0.03

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.03	23.40	5.77	5.53	0.02
20.85	5.59	5.36	0.03	23.45	5.78	5.54	0.02
20.90	5.60	5.36	0.03	23.50	5.78	5.54	0.02
20.95	5.60	5.36	0.03	23.55	5.78	5.54	0.02
21.00	5.61	5.37	0.03	23.60	5.78	5.55	0.02
21.05	5.61	5.37	0.03	23.65	5.79	5.55	0.02
21.10	5.61	5.37	0.03	23.70	5.79	5.55	0.02
21.15	5.62	5.38	0.03	23.75	5.79	5.56	0.02
21.20	5.62	5.38	0.03	23.80	5.80	5.56	0.02
21.25	5.62	5.39	0.03	23.85	5.80	5.56	0.02
21.30	5.63	5.39	0.03	23.90	5.80	5.56	0.02
21.35	5.63	5.39	0.03	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.03	24.00	5.81	5.57	0.02
21.45	5.64	5.40	0.03	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.03	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.03	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.03	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.03	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.03	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.03	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.03	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.03	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.03	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.03	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.03	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.03	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.03	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.03	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.03	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.03	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.03	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.03	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.03	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.03	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.03	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.02	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.02	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.02	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.02	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.02	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 32P: PDA-32 (pervious)

Runoff = 3.29 cfs @ 12.17 hrs, Volume= 0.242 af, Depth= 3.03"
 Routed to Pond B-32 : Basin #32

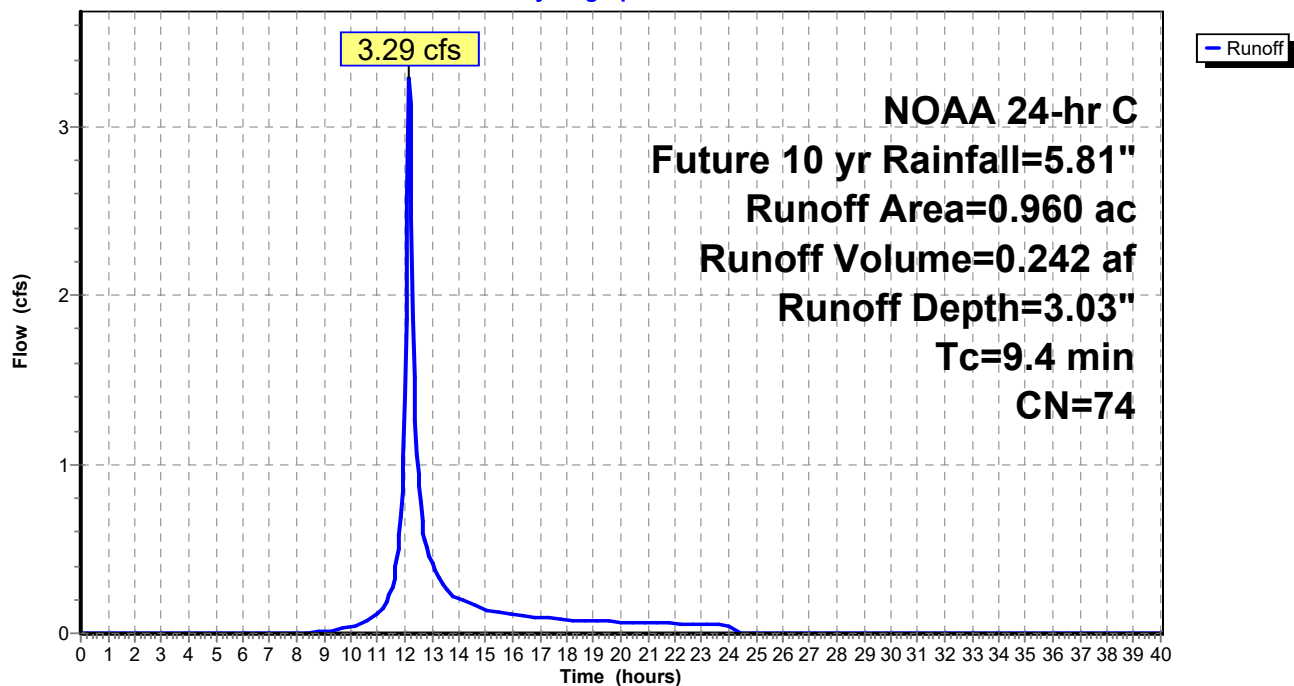
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
9.4					Direct Entry,

Subcatchment 32P: PDA-32 (pervious)

Hydrograph



Hydrograph for Subcatchment 32P: PDA-32 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.04
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.04
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.05

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.43
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.41
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.38
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.36
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.34
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.33
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.32
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.30
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.29
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.28
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.27
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.26
11.00	1.39	0.11	0.12	13.60	4.64	2.08	0.24
11.05	1.42	0.12	0.12	13.65	4.66	2.09	0.23
11.10	1.45	0.13	0.13	13.70	4.67	2.10	0.22
11.15	1.48	0.14	0.15	13.75	4.68	2.12	0.22
11.20	1.51	0.15	0.16	13.80	4.70	2.13	0.22
11.25	1.54	0.16	0.17	13.85	4.71	2.14	0.21
11.30	1.57	0.17	0.19	13.90	4.72	2.15	0.21
11.35	1.61	0.18	0.20	13.95	4.74	2.16	0.21
11.40	1.64	0.20	0.22	14.00	4.75	2.17	0.20
11.45	1.68	0.21	0.24	14.05	4.76	2.18	0.20
11.50	1.72	0.23	0.25	14.10	4.78	2.19	0.20
11.55	1.78	0.25	0.28	14.15	4.79	2.20	0.19
11.60	1.83	0.28	0.33	14.20	4.80	2.21	0.19
11.65	1.90	0.30	0.39	14.25	4.81	2.21	0.19
11.70	1.96	0.33	0.45	14.30	4.82	2.22	0.18
11.75	2.04	0.37	0.50	14.35	4.83	2.23	0.18
11.80	2.13	0.41	0.58	14.40	4.85	2.24	0.18
11.85	2.25	0.47	0.69	14.45	4.86	2.25	0.17
11.90	2.36	0.53	0.84	14.50	4.87	2.26	0.17
11.95	2.57	0.65	1.04	14.55	4.88	2.27	0.17
12.00	2.77	0.77	1.38	14.60	4.89	2.27	0.16
12.05	3.11	0.98	1.86	14.65	4.90	2.28	0.16
12.10	3.45	1.20	2.56	14.70	4.91	2.29	0.16
12.15	3.56	1.28	3.24	14.75	4.92	2.30	0.15
12.20	3.68	1.37	3.13	14.80	4.93	2.31	0.15
12.25	3.77	1.43	2.46	14.85	4.94	2.31	0.15
12.30	3.85	1.49	1.88	14.90	4.94	2.32	0.14
12.35	3.91	1.53	1.51	14.95	4.95	2.33	0.14
12.40	3.98	1.58	1.25	15.00	4.96	2.33	0.14
12.45	4.03	1.62	1.06	15.05	4.97	2.34	0.13
12.50	4.09	1.67	0.95	15.10	4.98	2.35	0.13
12.55	4.13	1.69	0.88	15.15	4.99	2.35	0.13
12.60	4.17	1.72	0.78	15.20	4.99	2.36	0.13
12.65	4.20	1.75	0.67	15.25	5.00	2.37	0.13
12.70	4.24	1.77	0.59	15.30	5.01	2.37	0.12
12.75	4.27	1.80	0.55	15.35	5.02	2.38	0.12
12.80	4.30	1.82	0.52	15.40	5.03	2.38	0.12
12.85	4.33	1.85	0.50	15.45	5.03	2.39	0.12
12.90	4.36	1.87	0.47	15.50	5.04	2.40	0.12
12.95	4.39	1.89	0.45	15.55	5.05	2.40	0.12

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.12	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.12	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.12	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.11	18.45	5.39	2.68	0.07
15.90	5.10	2.44	0.11	18.50	5.40	2.68	0.07
15.95	5.11	2.45	0.11	18.55	5.40	2.69	0.07
16.00	5.11	2.46	0.11	18.60	5.40	2.69	0.07
16.05	5.12	2.46	0.11	18.65	5.41	2.69	0.07
16.10	5.13	2.47	0.11	18.70	5.41	2.70	0.07
16.15	5.13	2.47	0.11	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.11	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.11	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.10	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.10	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.10	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.10	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.10	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.10	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.10	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.10	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.09	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.09	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.09	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.09	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.09	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.09	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.09	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.08	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.08	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.08	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.08	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.08	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.08	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 33I: PDA-33 (impervious)

Runoff = 5.70 cfs @ 12.10 hrs, Volume= 0.417 af, Depth= 5.57"
 Routed to Pond B-33 : Basin #33

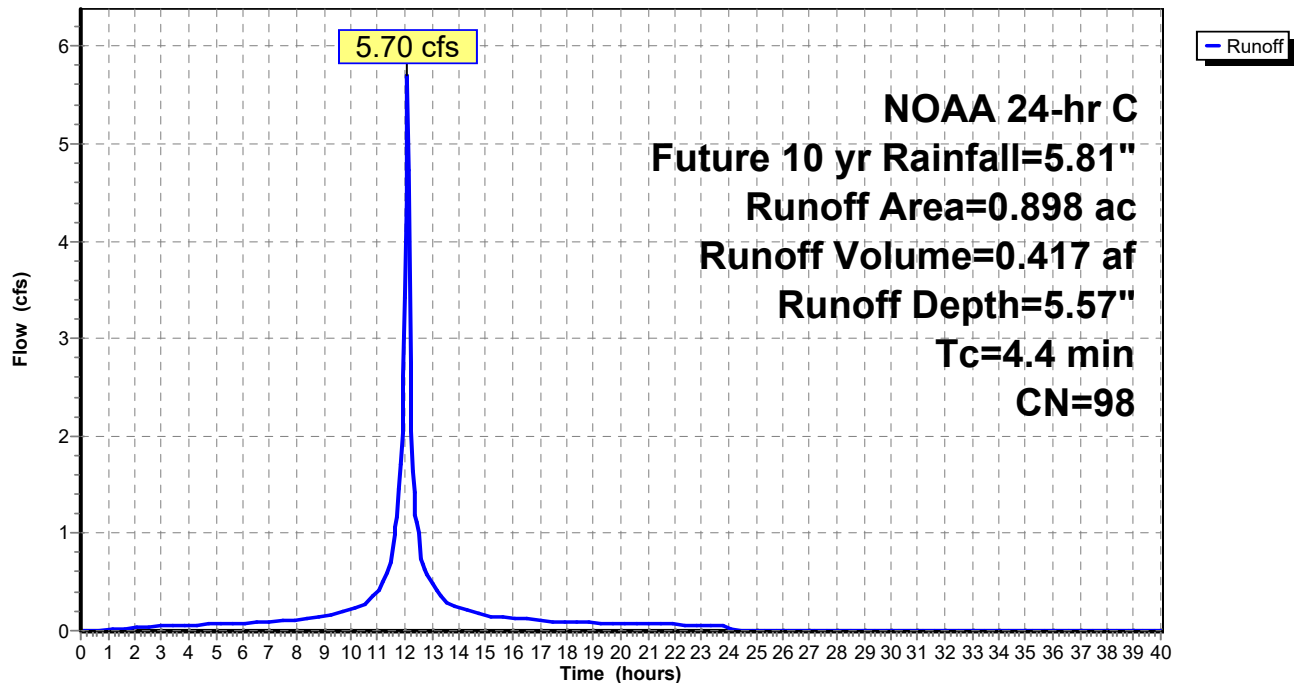
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.351	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.033	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.4					Direct Entry,

Subcatchment 33I: PDA-33 (impervious)

Hydrograph



Hydrograph for Subcatchment 33I: PDA-33 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.04
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.04
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.04
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.04
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.04
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.05
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.05
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.05
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.05
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.05
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.05
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.05
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.05
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.05
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.05
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.05
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.05
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.05
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.05
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.05
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.05
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.05
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.06
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.06
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.06
1.25	0.08	0.01	0.02	3.85	0.27	0.12	0.06
1.30	0.08	0.01	0.02	3.90	0.28	0.13	0.06
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.06
1.40	0.09	0.01	0.02	4.00	0.28	0.13	0.06
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.06
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.06
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.06
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.06
1.65	0.11	0.02	0.03	4.25	0.31	0.15	0.06
1.70	0.11	0.02	0.03	4.30	0.31	0.15	0.06
1.75	0.11	0.02	0.03	4.35	0.31	0.16	0.06
1.80	0.12	0.02	0.03	4.40	0.32	0.16	0.06
1.85	0.12	0.02	0.03	4.45	0.32	0.16	0.06
1.90	0.12	0.02	0.03	4.50	0.33	0.17	0.06
1.95	0.13	0.03	0.03	4.55	0.33	0.17	0.06
2.00	0.13	0.03	0.03	4.60	0.33	0.17	0.06
2.05	0.13	0.03	0.03	4.65	0.34	0.18	0.06
2.10	0.14	0.03	0.03	4.70	0.34	0.18	0.06
2.15	0.14	0.03	0.03	4.75	0.35	0.18	0.07
2.20	0.15	0.04	0.04	4.80	0.35	0.19	0.07
2.25	0.15	0.04	0.04	4.85	0.36	0.19	0.07
2.30	0.15	0.04	0.04	4.90	0.36	0.20	0.07
2.35	0.16	0.04	0.04	4.95	0.37	0.20	0.07
2.40	0.16	0.04	0.04	5.00	0.37	0.20	0.07
2.45	0.16	0.05	0.04	5.05	0.37	0.21	0.07
2.50	0.17	0.05	0.04	5.10	0.38	0.21	0.07
2.55	0.17	0.05	0.04	5.15	0.38	0.21	0.07

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.12
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.12
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.12
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.12
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.12
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.13
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.13
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.13
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.13
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.13
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.13
6.00	0.46	0.28	0.08	8.60	0.78	0.58	0.13
6.05	0.47	0.29	0.08	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.08	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.14
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.14
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.14
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.14
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.14
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.14
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.14
6.50	0.51	0.33	0.09	9.10	0.87	0.66	0.15
6.55	0.52	0.33	0.09	9.15	0.87	0.67	0.15
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.16
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.16
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.16
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.17
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.17
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.17
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.18
6.95	0.56	0.37	0.10	9.55	0.95	0.75	0.18
7.00	0.57	0.38	0.10	9.60	0.96	0.76	0.19
7.05	0.57	0.38	0.10	9.65	0.98	0.77	0.19
7.10	0.58	0.39	0.10	9.70	0.99	0.78	0.19
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.20
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.20
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.21
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.21
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.21
7.40	0.62	0.42	0.11	10.00	1.06	0.85	0.22
7.45	0.62	0.43	0.11	10.05	1.07	0.86	0.22
7.50	0.63	0.44	0.11	10.10	1.09	0.87	0.23
7.55	0.64	0.44	0.11	10.15	1.10	0.89	0.23
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.23
7.65	0.65	0.45	0.11	10.25	1.13	0.91	0.24
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.24
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.25

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.25	13.00	4.42	4.18	0.48
10.45	1.18	0.97	0.25	13.05	4.44	4.20	0.46
10.50	1.20	0.98	0.26	13.10	4.46	4.23	0.43
10.55	1.21	1.00	0.27	13.15	4.48	4.25	0.41
10.60	1.23	1.02	0.29	13.20	4.50	4.27	0.39
10.65	1.25	1.03	0.30	13.25	4.52	4.29	0.38
10.70	1.27	1.05	0.31	13.30	4.54	4.31	0.36
10.75	1.29	1.07	0.33	13.35	4.56	4.33	0.35
10.80	1.31	1.09	0.34	13.40	4.58	4.34	0.33
10.85	1.33	1.11	0.36	13.45	4.60	4.36	0.32
10.90	1.35	1.13	0.37	13.50	4.61	4.38	0.30
10.95	1.37	1.15	0.39	13.55	4.63	4.39	0.29
11.00	1.39	1.18	0.41	13.60	4.64	4.41	0.27
11.05	1.42	1.20	0.43	13.65	4.66	4.42	0.26
11.10	1.45	1.23	0.46	13.70	4.67	4.43	0.26
11.15	1.48	1.26	0.48	13.75	4.68	4.45	0.25
11.20	1.51	1.29	0.51	13.80	4.70	4.46	0.25
11.25	1.54	1.32	0.54	13.85	4.71	4.48	0.25
11.30	1.57	1.35	0.57	13.90	4.72	4.49	0.24
11.35	1.61	1.38	0.60	13.95	4.74	4.50	0.24
11.40	1.64	1.42	0.63	14.00	4.75	4.51	0.24
11.45	1.68	1.46	0.65	14.05	4.76	4.53	0.23
11.50	1.72	1.49	0.67	14.10	4.78	4.54	0.23
11.55	1.78	1.55	0.80	14.15	4.79	4.55	0.22
11.60	1.83	1.61	0.99	14.20	4.80	4.56	0.22
11.65	1.90	1.67	1.06	14.25	4.81	4.57	0.22
11.70	1.96	1.73	1.10	14.30	4.82	4.59	0.21
11.75	2.04	1.82	1.24	14.35	4.83	4.60	0.21
11.80	2.13	1.90	1.46	14.40	4.85	4.61	0.20
11.85	2.25	2.02	1.70	14.45	4.86	4.62	0.20
11.90	2.36	2.13	2.03	14.50	4.87	4.63	0.20
11.95	2.57	2.34	2.60	14.55	4.88	4.64	0.19
12.00	2.77	2.54	3.42	14.60	4.89	4.65	0.19
12.05	3.11	2.88	4.42	14.65	4.90	4.66	0.18
12.10	3.45	3.21	5.69	14.70	4.91	4.67	0.18
12.15	3.56	3.33	4.73	14.75	4.92	4.68	0.18
12.20	3.68	3.45	2.75	14.80	4.93	4.69	0.17
12.25	3.77	3.53	2.05	14.85	4.94	4.70	0.17
12.30	3.85	3.62	1.64	14.90	4.94	4.71	0.16
12.35	3.91	3.68	1.41	14.95	4.95	4.72	0.16
12.40	3.98	3.74	1.18	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.11	15.05	4.97	4.73	0.15
12.50	4.09	3.86	1.07	15.10	4.98	4.74	0.15
12.55	4.13	3.90	0.94	15.15	4.99	4.75	0.15
12.60	4.17	3.93	0.75	15.20	4.99	4.76	0.15
12.65	4.20	3.97	0.68	15.25	5.00	4.76	0.14
12.70	4.24	4.00	0.65	15.30	5.01	4.77	0.14
12.75	4.27	4.04	0.62	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.59	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.57	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.54	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.51	15.55	5.05	4.81	0.14

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.14	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.14	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.13	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.13	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.13	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.13	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.12	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.12	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.12	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.12	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.11	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.08
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.10	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.06
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.06
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.04
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.01
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.07	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.07	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 33P: PDA-33 (pervious)

Runoff = 3.81 cfs @ 12.07 hrs, Volume= 0.218 af, Depth= 3.03"
 Routed to Pond B-33 : Basin #33

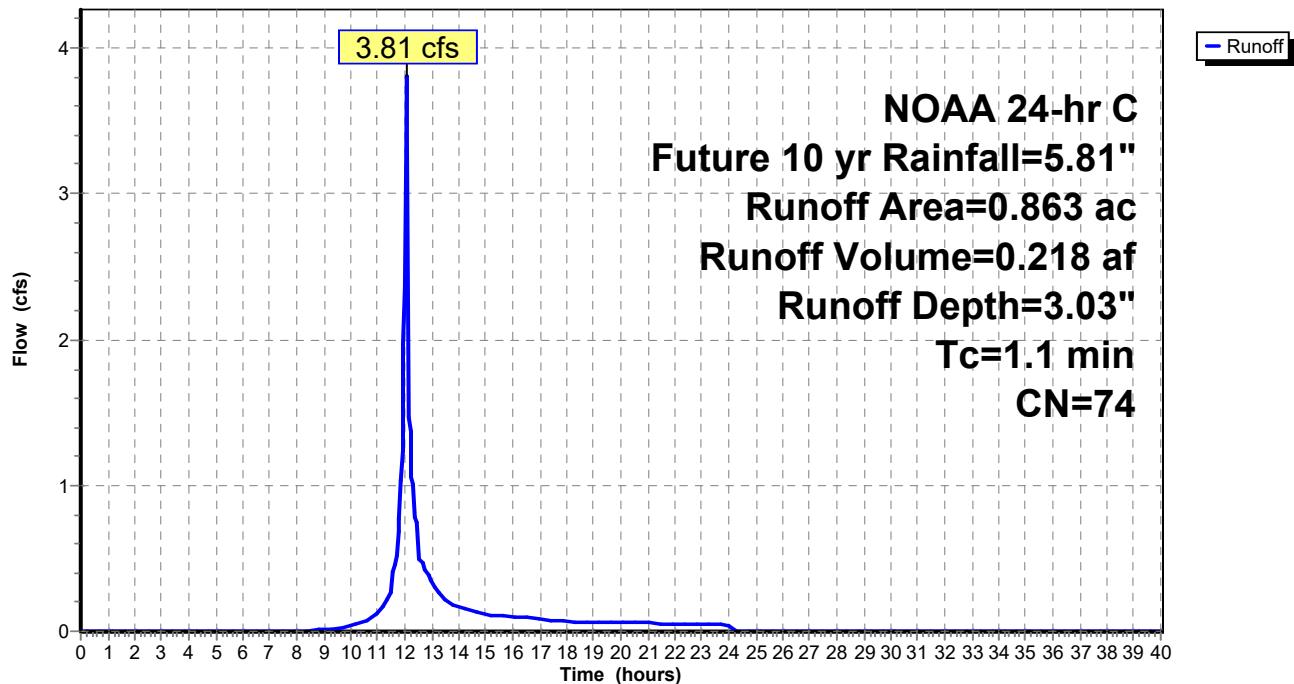
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.863	74	>75% Grass cover, Good, HSG C
0.863		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.1					Direct Entry,

Subcatchment 33P: PDA-33 (pervious)

Hydrograph



Hydrograph for Subcatchment 33P: PDA-33 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.04
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.04
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.05

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.34
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.31
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.30
10.55	1.21	0.06	0.07	13.15	4.48	1.96	0.29
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.28
10.65	1.25	0.07	0.08	13.25	4.52	1.99	0.26
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.26
10.75	1.29	0.08	0.09	13.35	4.56	2.02	0.24
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.24
10.85	1.33	0.09	0.10	13.45	4.60	2.05	0.22
10.90	1.35	0.10	0.11	13.50	4.61	2.06	0.22
10.95	1.37	0.11	0.12	13.55	4.63	2.07	0.20
11.00	1.39	0.11	0.12	13.60	4.64	2.08	0.20
11.05	1.42	0.12	0.14	13.65	4.66	2.09	0.19
11.10	1.45	0.13	0.15	13.70	4.67	2.10	0.19
11.15	1.48	0.14	0.17	13.75	4.68	2.12	0.19
11.20	1.51	0.15	0.17	13.80	4.70	2.13	0.19
11.25	1.54	0.16	0.19	13.85	4.71	2.14	0.18
11.30	1.57	0.17	0.20	13.90	4.72	2.15	0.18
11.35	1.61	0.18	0.22	13.95	4.74	2.16	0.18
11.40	1.64	0.20	0.23	14.00	4.75	2.17	0.18
11.45	1.68	0.21	0.25	14.05	4.76	2.18	0.17
11.50	1.72	0.23	0.29	14.10	4.78	2.19	0.17
11.55	1.78	0.25	0.41	14.15	4.79	2.20	0.17
11.60	1.83	0.28	0.44	14.20	4.80	2.21	0.16
11.65	1.90	0.30	0.47	14.25	4.81	2.21	0.16
11.70	1.96	0.33	0.52	14.30	4.82	2.22	0.16
11.75	2.04	0.37	0.69	14.35	4.83	2.23	0.15
11.80	2.13	0.41	0.77	14.40	4.85	2.24	0.15
11.85	2.25	0.47	1.04	14.45	4.86	2.25	0.15
11.90	2.36	0.53	1.24	14.50	4.87	2.26	0.15
11.95	2.57	0.65	1.97	14.55	4.88	2.27	0.14
12.00	2.77	0.77	2.36	14.60	4.89	2.27	0.14
12.05	3.11	0.98	3.71	14.65	4.90	2.28	0.14
12.10	3.45	1.20	3.49	14.70	4.91	2.29	0.14
12.15	3.56	1.28	1.47	14.75	4.92	2.30	0.13
12.20	3.68	1.37	1.37	14.80	4.93	2.31	0.13
12.25	3.77	1.43	1.06	14.85	4.94	2.31	0.12
12.30	3.85	1.49	1.01	14.90	4.94	2.32	0.12
12.35	3.91	1.53	0.79	14.95	4.95	2.33	0.12
12.40	3.98	1.58	0.78	15.00	4.96	2.33	0.12
12.45	4.03	1.62	0.75	15.05	4.97	2.34	0.11
12.50	4.09	1.67	0.71	15.10	4.98	2.35	0.11
12.55	4.13	1.69	0.50	15.15	4.99	2.35	0.11
12.60	4.17	1.72	0.49	15.20	4.99	2.36	0.11
12.65	4.20	1.75	0.46	15.25	5.00	2.37	0.11
12.70	4.24	1.77	0.46	15.30	5.01	2.37	0.11
12.75	4.27	1.80	0.43	15.35	5.02	2.38	0.11
12.80	4.30	1.82	0.42	15.40	5.03	2.38	0.11
12.85	4.33	1.85	0.39	15.45	5.03	2.39	0.11
12.90	4.36	1.87	0.38	15.50	5.04	2.40	0.11
12.95	4.39	1.89	0.35	15.55	5.05	2.40	0.11

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.11	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.10	18.25	5.37	2.67	0.07
15.70	5.07	2.42	0.10	18.30	5.38	2.67	0.07
15.75	5.08	2.43	0.10	18.35	5.38	2.67	0.07
15.80	5.09	2.43	0.10	18.40	5.39	2.68	0.07
15.85	5.09	2.44	0.10	18.45	5.39	2.68	0.06
15.90	5.10	2.44	0.10	18.50	5.40	2.68	0.06
15.95	5.11	2.45	0.10	18.55	5.40	2.69	0.06
16.00	5.11	2.46	0.10	18.60	5.40	2.69	0.06
16.05	5.12	2.46	0.10	18.65	5.41	2.69	0.06
16.10	5.13	2.47	0.10	18.70	5.41	2.70	0.06
16.15	5.13	2.47	0.10	18.75	5.42	2.70	0.06
16.20	5.14	2.48	0.10	18.80	5.42	2.71	0.06
16.25	5.15	2.48	0.09	18.85	5.43	2.71	0.06
16.30	5.16	2.49	0.09	18.90	5.43	2.71	0.06
16.35	5.16	2.49	0.09	18.95	5.44	2.72	0.06
16.40	5.17	2.50	0.09	19.00	5.44	2.72	0.06
16.45	5.17	2.50	0.09	19.05	5.44	2.72	0.06
16.50	5.18	2.51	0.09	19.10	5.45	2.73	0.06
16.55	5.19	2.52	0.09	19.15	5.45	2.73	0.06
16.60	5.19	2.52	0.09	19.20	5.46	2.73	0.06
16.65	5.20	2.53	0.09	19.25	5.46	2.74	0.06
16.70	5.21	2.53	0.09	19.30	5.47	2.74	0.06
16.75	5.21	2.54	0.09	19.35	5.47	2.75	0.06
16.80	5.22	2.54	0.09	19.40	5.48	2.75	0.06
16.85	5.23	2.55	0.09	19.45	5.48	2.75	0.06
16.90	5.23	2.55	0.09	19.50	5.48	2.76	0.06
16.95	5.24	2.55	0.08	19.55	5.49	2.76	0.06
17.00	5.24	2.56	0.08	19.60	5.49	2.76	0.06
17.05	5.25	2.56	0.08	19.65	5.50	2.77	0.06
17.10	5.25	2.57	0.08	19.70	5.50	2.77	0.06
17.15	5.26	2.57	0.08	19.75	5.50	2.77	0.06
17.20	5.27	2.58	0.08	19.80	5.51	2.78	0.06
17.25	5.27	2.58	0.08	19.85	5.51	2.78	0.06
17.30	5.28	2.59	0.08	19.90	5.52	2.78	0.06
17.35	5.28	2.59	0.08	19.95	5.52	2.79	0.06
17.40	5.29	2.60	0.08	20.00	5.53	2.79	0.06
17.45	5.29	2.60	0.08	20.05	5.53	2.79	0.06
17.50	5.30	2.61	0.08	20.10	5.53	2.80	0.06
17.55	5.30	2.61	0.07	20.15	5.54	2.80	0.06
17.60	5.31	2.61	0.07	20.20	5.54	2.80	0.06
17.65	5.31	2.62	0.07	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.07	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.07	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.07	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.07	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.07	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.07	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.07	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.07	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.07	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.06	23.50	5.78	3.00	0.04
20.95	5.60	2.85	0.06	23.55	5.78	3.00	0.04
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.04
21.05	5.61	2.86	0.05	23.65	5.79	3.01	0.04
21.10	5.61	2.86	0.05	23.70	5.79	3.01	0.04
21.15	5.62	2.87	0.05	23.75	5.79	3.01	0.04
21.20	5.62	2.87	0.05	23.80	5.80	3.01	0.04
21.25	5.62	2.87	0.05	23.85	5.80	3.02	0.04
21.30	5.63	2.87	0.05	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.05	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.05	24.00	5.81	3.03	0.04
21.45	5.64	2.88	0.05	24.05	5.81	3.03	0.00
21.50	5.64	2.89	0.05	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.05	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.05	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.05	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.05	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.05	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.05	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.05	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.05	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.05	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.05	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.05	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.05	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.05	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.05	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.05	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.05	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.05	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.05	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.05	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.05	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 34I: PDA-34 (impervious)

Runoff = 2.88 cfs @ 12.06 hrs, Volume= 0.195 af, Depth= 5.57"
 Routed to Pond B-34 : Basin #34

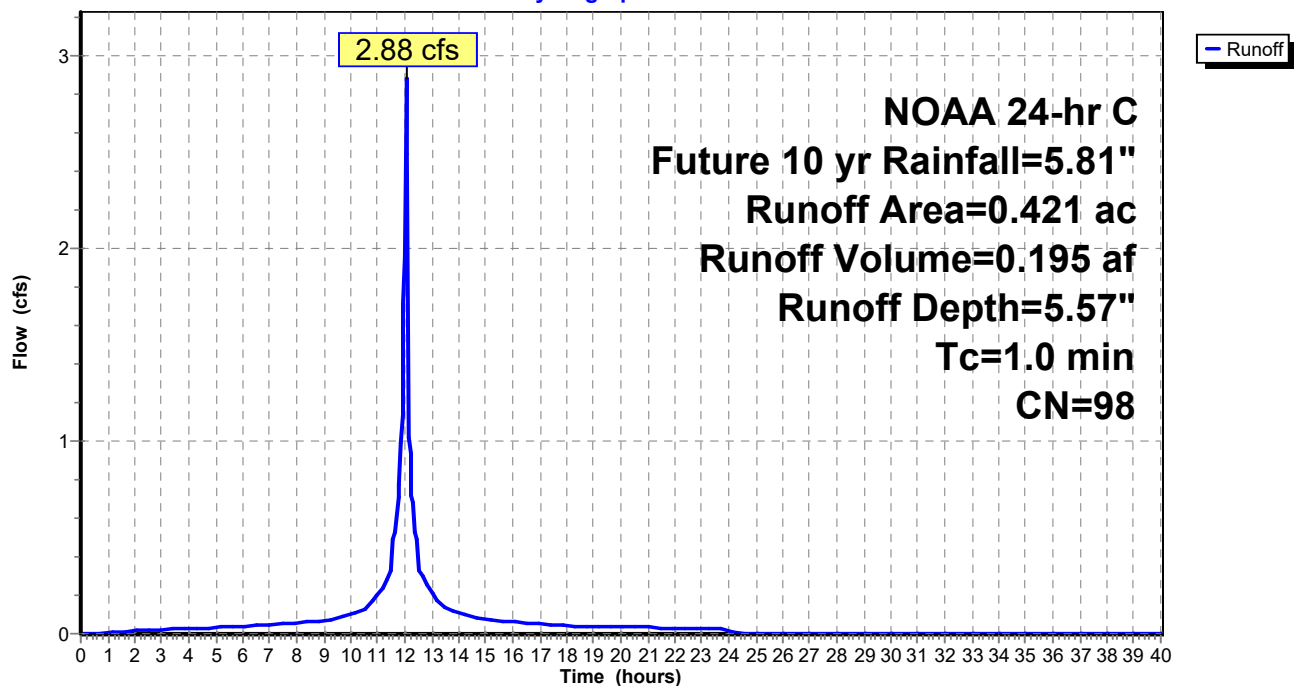
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.279	98	Roof, HSG C
* 0.142	98	Concrete, HSC C
0.421	98	Weighted Average
0.421		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 34I: PDA-34 (impervious)

Hydrograph



Hydrograph for Subcatchment 34I: PDA-34 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.02
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.02
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.02
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.02
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.02
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.02
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.02
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.02
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.02
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.02
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.02
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.02
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.02
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.02
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.02
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.02
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.02
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.03
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.03
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.03
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.03
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.03
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.03
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.03
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.03
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.03
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.03
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.03
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.03
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.03
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.03
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.03
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.03
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.03
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.03
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.03
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.03
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.03
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.03
1.95	0.13	0.03	0.02	4.55	0.33	0.17	0.03
2.00	0.13	0.03	0.02	4.60	0.33	0.17	0.03
2.05	0.13	0.03	0.02	4.65	0.34	0.18	0.03
2.10	0.14	0.03	0.02	4.70	0.34	0.18	0.03
2.15	0.14	0.03	0.02	4.75	0.35	0.18	0.03
2.20	0.15	0.04	0.02	4.80	0.35	0.19	0.03
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.03
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.03
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.03
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.03
2.45	0.16	0.05	0.02	5.05	0.37	0.21	0.03
2.50	0.17	0.05	0.02	5.10	0.38	0.21	0.03
2.55	0.17	0.05	0.02	5.15	0.38	0.21	0.03

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.03	7.80	0.67	0.47	0.05
5.25	0.39	0.22	0.03	7.85	0.68	0.48	0.05
5.30	0.40	0.23	0.03	7.90	0.68	0.49	0.06
5.35	0.40	0.23	0.03	7.95	0.69	0.49	0.06
5.40	0.41	0.23	0.03	8.00	0.70	0.50	0.06
5.45	0.41	0.24	0.03	8.05	0.70	0.51	0.06
5.50	0.41	0.24	0.03	8.10	0.71	0.51	0.06
5.55	0.42	0.25	0.03	8.15	0.72	0.52	0.06
5.60	0.42	0.25	0.03	8.20	0.72	0.53	0.06
5.65	0.43	0.25	0.03	8.25	0.73	0.53	0.06
5.70	0.43	0.26	0.03	8.30	0.74	0.54	0.06
5.75	0.44	0.26	0.03	8.35	0.75	0.55	0.06
5.80	0.44	0.27	0.03	8.40	0.75	0.55	0.06
5.85	0.45	0.27	0.04	8.45	0.76	0.56	0.06
5.90	0.45	0.27	0.04	8.50	0.77	0.57	0.06
5.95	0.46	0.28	0.04	8.55	0.78	0.58	0.06
6.00	0.46	0.28	0.04	8.60	0.78	0.58	0.06
6.05	0.47	0.29	0.04	8.65	0.79	0.59	0.06
6.10	0.47	0.29	0.04	8.70	0.80	0.60	0.06
6.15	0.47	0.30	0.04	8.75	0.81	0.61	0.06
6.20	0.48	0.30	0.04	8.80	0.82	0.61	0.06
6.25	0.48	0.30	0.04	8.85	0.82	0.62	0.07
6.30	0.49	0.31	0.04	8.90	0.83	0.63	0.07
6.35	0.50	0.31	0.04	8.95	0.84	0.64	0.07
6.40	0.50	0.32	0.04	9.00	0.85	0.64	0.07
6.45	0.51	0.32	0.04	9.05	0.86	0.65	0.07
6.50	0.51	0.33	0.04	9.10	0.87	0.66	0.07
6.55	0.52	0.33	0.04	9.15	0.87	0.67	0.07
6.60	0.52	0.34	0.04	9.20	0.88	0.68	0.07
6.65	0.53	0.34	0.04	9.25	0.89	0.69	0.08
6.70	0.53	0.35	0.04	9.30	0.90	0.70	0.08
6.75	0.54	0.35	0.04	9.35	0.91	0.71	0.08
6.80	0.54	0.36	0.04	9.40	0.92	0.72	0.08
6.85	0.55	0.36	0.04	9.45	0.93	0.73	0.08
6.90	0.56	0.37	0.04	9.50	0.94	0.74	0.09
6.95	0.56	0.37	0.05	9.55	0.95	0.75	0.09
7.00	0.57	0.38	0.05	9.60	0.96	0.76	0.09
7.05	0.57	0.38	0.05	9.65	0.98	0.77	0.09
7.10	0.58	0.39	0.05	9.70	0.99	0.78	0.09
7.15	0.58	0.40	0.05	9.75	1.00	0.79	0.10
7.20	0.59	0.40	0.05	9.80	1.01	0.80	0.10
7.25	0.60	0.41	0.05	9.85	1.02	0.81	0.10
7.30	0.60	0.41	0.05	9.90	1.03	0.82	0.10
7.35	0.61	0.42	0.05	9.95	1.05	0.84	0.10
7.40	0.62	0.42	0.05	10.00	1.06	0.85	0.10
7.45	0.62	0.43	0.05	10.05	1.07	0.86	0.11
7.50	0.63	0.44	0.05	10.10	1.09	0.87	0.11
7.55	0.64	0.44	0.05	10.15	1.10	0.89	0.11
7.60	0.64	0.45	0.05	10.20	1.11	0.90	0.11
7.65	0.65	0.45	0.05	10.25	1.13	0.91	0.11
7.70	0.65	0.46	0.05	10.30	1.14	0.93	0.11
7.75	0.66	0.47	0.05	10.35	1.15	0.94	0.12

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.12	13.00	4.42	4.18	0.22
10.45	1.18	0.97	0.12	13.05	4.44	4.20	0.20
10.50	1.20	0.98	0.12	13.10	4.46	4.23	0.19
10.55	1.21	1.00	0.14	13.15	4.48	4.25	0.18
10.60	1.23	1.02	0.14	13.20	4.50	4.27	0.18
10.65	1.25	1.03	0.15	13.25	4.52	4.29	0.17
10.70	1.27	1.05	0.15	13.30	4.54	4.31	0.16
10.75	1.29	1.07	0.16	13.35	4.56	4.33	0.15
10.80	1.31	1.09	0.17	13.40	4.58	4.34	0.15
10.85	1.33	1.11	0.18	13.45	4.60	4.36	0.14
10.90	1.35	1.13	0.18	13.50	4.61	4.38	0.14
10.95	1.37	1.15	0.19	13.55	4.63	4.39	0.12
11.00	1.39	1.18	0.20	13.60	4.64	4.41	0.12
11.05	1.42	1.20	0.22	13.65	4.66	4.42	0.12
11.10	1.45	1.23	0.22	13.70	4.67	4.43	0.12
11.15	1.48	1.26	0.24	13.75	4.68	4.45	0.12
11.20	1.51	1.29	0.25	13.80	4.70	4.46	0.12
11.25	1.54	1.32	0.27	13.85	4.71	4.48	0.11
11.30	1.57	1.35	0.28	13.90	4.72	4.49	0.11
11.35	1.61	1.38	0.30	13.95	4.74	4.50	0.11
11.40	1.64	1.42	0.30	14.00	4.75	4.51	0.11
11.45	1.68	1.46	0.32	14.05	4.76	4.53	0.11
11.50	1.72	1.49	0.35	14.10	4.78	4.54	0.11
11.55	1.78	1.55	0.49	14.15	4.79	4.55	0.10
11.60	1.83	1.61	0.50	14.20	4.80	4.56	0.10
11.65	1.90	1.67	0.52	14.25	4.81	4.57	0.10
11.70	1.96	1.73	0.56	14.30	4.82	4.59	0.10
11.75	2.04	1.82	0.71	14.35	4.83	4.60	0.09
11.80	2.13	1.90	0.77	14.40	4.85	4.61	0.09
11.85	2.25	2.02	0.99	14.45	4.86	4.62	0.09
11.90	2.36	2.13	1.14	14.50	4.87	4.63	0.09
11.95	2.57	2.34	1.70	14.55	4.88	4.64	0.09
12.00	2.77	2.54	1.95	14.60	4.89	4.65	0.09
12.05	3.11	2.88	2.85	14.65	4.90	4.66	0.08
12.10	3.45	3.21	2.49	14.70	4.91	4.67	0.08
12.15	3.56	3.33	1.02	14.75	4.92	4.68	0.08
12.20	3.68	3.45	0.94	14.80	4.93	4.69	0.08
12.25	3.77	3.53	0.72	14.85	4.94	4.70	0.08
12.30	3.85	3.62	0.68	14.90	4.94	4.71	0.08
12.35	3.91	3.68	0.53	14.95	4.95	4.72	0.07
12.40	3.98	3.74	0.52	15.00	4.96	4.72	0.07
12.45	4.03	3.80	0.50	15.05	4.97	4.73	0.07
12.50	4.09	3.86	0.46	15.10	4.98	4.74	0.07
12.55	4.13	3.90	0.32	15.15	4.99	4.75	0.07
12.60	4.17	3.93	0.32	15.20	4.99	4.76	0.07
12.65	4.20	3.97	0.30	15.25	5.00	4.76	0.07
12.70	4.24	4.00	0.30	15.30	5.01	4.77	0.07
12.75	4.27	4.04	0.27	15.35	5.02	4.78	0.07
12.80	4.30	4.07	0.27	15.40	5.03	4.79	0.07
12.85	4.33	4.10	0.25	15.45	5.03	4.80	0.07
12.90	4.36	4.13	0.24	15.50	5.04	4.80	0.06
12.95	4.39	4.15	0.22	15.55	5.05	4.81	0.06

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.06	18.20	5.37	5.13	0.04
15.65	5.06	4.83	0.06	18.25	5.37	5.14	0.04
15.70	5.07	4.83	0.06	18.30	5.38	5.14	0.04
15.75	5.08	4.84	0.06	18.35	5.38	5.14	0.04
15.80	5.09	4.85	0.06	18.40	5.39	5.15	0.04
15.85	5.09	4.86	0.06	18.45	5.39	5.15	0.04
15.90	5.10	4.86	0.06	18.50	5.40	5.16	0.04
15.95	5.11	4.87	0.06	18.55	5.40	5.16	0.04
16.00	5.11	4.88	0.06	18.60	5.40	5.17	0.04
16.05	5.12	4.88	0.06	18.65	5.41	5.17	0.04
16.10	5.13	4.89	0.06	18.70	5.41	5.18	0.04
16.15	5.13	4.90	0.06	18.75	5.42	5.18	0.04
16.20	5.14	4.90	0.06	18.80	5.42	5.19	0.04
16.25	5.15	4.91	0.06	18.85	5.43	5.19	0.04
16.30	5.16	4.92	0.06	18.90	5.43	5.19	0.04
16.35	5.16	4.92	0.06	18.95	5.44	5.20	0.04
16.40	5.17	4.93	0.06	19.00	5.44	5.20	0.04
16.45	5.17	4.94	0.06	19.05	5.44	5.21	0.04
16.50	5.18	4.94	0.06	19.10	5.45	5.21	0.04
16.55	5.19	4.95	0.05	19.15	5.45	5.22	0.04
16.60	5.19	4.96	0.05	19.20	5.46	5.22	0.04
16.65	5.20	4.96	0.05	19.25	5.46	5.22	0.04
16.70	5.21	4.97	0.05	19.30	5.47	5.23	0.04
16.75	5.21	4.98	0.05	19.35	5.47	5.23	0.04
16.80	5.22	4.98	0.05	19.40	5.48	5.24	0.04
16.85	5.23	4.99	0.05	19.45	5.48	5.24	0.04
16.90	5.23	4.99	0.05	19.50	5.48	5.25	0.04
16.95	5.24	5.00	0.05	19.55	5.49	5.25	0.04
17.00	5.24	5.01	0.05	19.60	5.49	5.25	0.04
17.05	5.25	5.01	0.05	19.65	5.50	5.26	0.04
17.10	5.25	5.02	0.05	19.70	5.50	5.26	0.04
17.15	5.26	5.02	0.05	19.75	5.50	5.27	0.04
17.20	5.27	5.03	0.05	19.80	5.51	5.27	0.04
17.25	5.27	5.03	0.05	19.85	5.51	5.28	0.04
17.30	5.28	5.04	0.05	19.90	5.52	5.28	0.04
17.35	5.28	5.05	0.05	19.95	5.52	5.28	0.03
17.40	5.29	5.05	0.05	20.00	5.53	5.29	0.03
17.45	5.29	5.06	0.05	20.05	5.53	5.29	0.03
17.50	5.30	5.06	0.05	20.10	5.53	5.30	0.03
17.55	5.30	5.07	0.04	20.15	5.54	5.30	0.03
17.60	5.31	5.07	0.04	20.20	5.54	5.30	0.03
17.65	5.31	5.08	0.04	20.25	5.55	5.31	0.03
17.70	5.32	5.08	0.04	20.30	5.55	5.31	0.03
17.75	5.33	5.09	0.04	20.35	5.55	5.32	0.03
17.80	5.33	5.09	0.04	20.40	5.56	5.32	0.03
17.85	5.34	5.10	0.04	20.45	5.56	5.32	0.03
17.90	5.34	5.10	0.04	20.50	5.57	5.33	0.03
17.95	5.34	5.11	0.04	20.55	5.57	5.33	0.03
18.00	5.35	5.11	0.04	20.60	5.57	5.34	0.03
18.05	5.35	5.12	0.04	20.65	5.58	5.34	0.03
18.10	5.36	5.12	0.04	20.70	5.58	5.34	0.03
18.15	5.36	5.13	0.04	20.75	5.59	5.35	0.03

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.03	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.03	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.03	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.03	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.03	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.03	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.03	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.03	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.03	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.03	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.03	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.03	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.03	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.03	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.03	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.03	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.03	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.03	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.03	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.03	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.03	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.03	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.03	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.03	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.03	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.03	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.03	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.03	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.03	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.03	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.03	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.03	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.03	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.03	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.03	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.03	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.03	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 34P: PDA-34 (pervious)

Runoff = 5.35 cfs @ 12.12 hrs, Volume= 0.342 af, Depth= 3.03"
 Routed to Pond B-34 : Basin #34

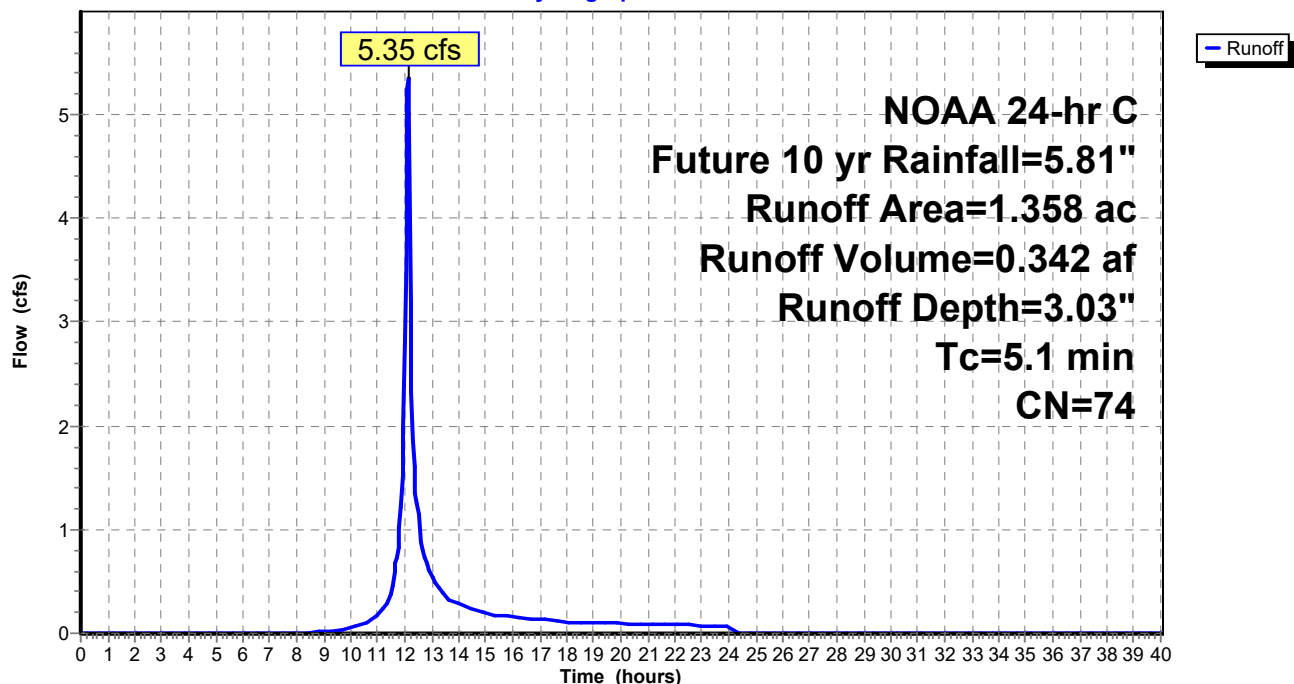
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.358	74	>75% Grass cover, Good, HSG C
1.358		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.1					Direct Entry,

Subcatchment 34P: PDA-34 (pervious)

Hydrograph



Hydrograph for Subcatchment 34P: PDA-34 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.01
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.56
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.53
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.50
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.48
10.60	1.23	0.07	0.10	13.20	4.50	1.98	0.46
10.65	1.25	0.07	0.11	13.25	4.52	1.99	0.44
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.42
10.75	1.29	0.08	0.13	13.35	4.56	2.02	0.41
10.80	1.31	0.09	0.14	13.40	4.58	2.03	0.39
10.85	1.33	0.09	0.15	13.45	4.60	2.05	0.38
10.90	1.35	0.10	0.16	13.50	4.61	2.06	0.36
10.95	1.37	0.11	0.17	13.55	4.63	2.07	0.34
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.32
11.05	1.42	0.12	0.19	13.65	4.66	2.09	0.31
11.10	1.45	0.13	0.21	13.70	4.67	2.10	0.31
11.15	1.48	0.14	0.23	13.75	4.68	2.12	0.30
11.20	1.51	0.15	0.25	13.80	4.70	2.13	0.30
11.25	1.54	0.16	0.27	13.85	4.71	2.14	0.29
11.30	1.57	0.17	0.30	13.90	4.72	2.15	0.29
11.35	1.61	0.18	0.32	13.95	4.74	2.16	0.28
11.40	1.64	0.20	0.34	14.00	4.75	2.17	0.28
11.45	1.68	0.21	0.37	14.05	4.76	2.18	0.28
11.50	1.72	0.23	0.39	14.10	4.78	2.19	0.27
11.55	1.78	0.25	0.46	14.15	4.79	2.20	0.27
11.60	1.83	0.28	0.60	14.20	4.80	2.21	0.26
11.65	1.90	0.30	0.67	14.25	4.81	2.21	0.26
11.70	1.96	0.33	0.72	14.30	4.82	2.22	0.25
11.75	2.04	0.37	0.83	14.35	4.83	2.23	0.25
11.80	2.13	0.41	1.01	14.40	4.85	2.24	0.24
11.85	2.25	0.47	1.22	14.45	4.86	2.25	0.24
11.90	2.36	0.53	1.52	14.50	4.87	2.26	0.24
11.95	2.57	0.65	1.98	14.55	4.88	2.27	0.23
12.00	2.77	0.77	2.79	14.60	4.89	2.27	0.23
12.05	3.11	0.98	3.74	14.65	4.90	2.28	0.22
12.10	3.45	1.20	5.23	14.70	4.91	2.29	0.22
12.15	3.56	1.28	5.01	14.75	4.92	2.30	0.21
12.20	3.68	1.37	3.17	14.80	4.93	2.31	0.21
12.25	3.77	1.43	2.33	14.85	4.94	2.31	0.20
12.30	3.85	1.49	1.85	14.90	4.94	2.32	0.20
12.35	3.91	1.53	1.60	14.95	4.95	2.33	0.19
12.40	3.98	1.58	1.34	15.00	4.96	2.33	0.19
12.45	4.03	1.62	1.25	15.05	4.97	2.34	0.19
12.50	4.09	1.67	1.20	15.10	4.98	2.35	0.18
12.55	4.13	1.69	1.09	15.15	4.99	2.35	0.18
12.60	4.17	1.72	0.87	15.20	4.99	2.36	0.18
12.65	4.20	1.75	0.79	15.25	5.00	2.37	0.17
12.70	4.24	1.77	0.74	15.30	5.01	2.37	0.17
12.75	4.27	1.80	0.72	15.35	5.02	2.38	0.17
12.80	4.30	1.82	0.68	15.40	5.03	2.38	0.17
12.85	4.33	1.85	0.66	15.45	5.03	2.39	0.17
12.90	4.36	1.87	0.62	15.50	5.04	2.40	0.17
12.95	4.39	1.89	0.60	15.55	5.05	2.40	0.17

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.17	18.20	5.37	2.66	0.10
15.65	5.06	2.41	0.17	18.25	5.37	2.67	0.10
15.70	5.07	2.42	0.16	18.30	5.38	2.67	0.10
15.75	5.08	2.43	0.16	18.35	5.38	2.67	0.10
15.80	5.09	2.43	0.16	18.40	5.39	2.68	0.10
15.85	5.09	2.44	0.16	18.45	5.39	2.68	0.10
15.90	5.10	2.44	0.16	18.50	5.40	2.68	0.10
15.95	5.11	2.45	0.16	18.55	5.40	2.69	0.10
16.00	5.11	2.46	0.16	18.60	5.40	2.69	0.10
16.05	5.12	2.46	0.16	18.65	5.41	2.69	0.10
16.10	5.13	2.47	0.15	18.70	5.41	2.70	0.10
16.15	5.13	2.47	0.15	18.75	5.42	2.70	0.10
16.20	5.14	2.48	0.15	18.80	5.42	2.71	0.10
16.25	5.15	2.48	0.15	18.85	5.43	2.71	0.10
16.30	5.16	2.49	0.15	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.15	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.15	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.15	19.05	5.44	2.72	0.10
16.50	5.18	2.51	0.14	19.10	5.45	2.73	0.10
16.55	5.19	2.52	0.14	19.15	5.45	2.73	0.10
16.60	5.19	2.52	0.14	19.20	5.46	2.73	0.10
16.65	5.20	2.53	0.14	19.25	5.46	2.74	0.10
16.70	5.21	2.53	0.14	19.30	5.47	2.74	0.10
16.75	5.21	2.54	0.14	19.35	5.47	2.75	0.10
16.80	5.22	2.54	0.14	19.40	5.48	2.75	0.10
16.85	5.23	2.55	0.14	19.45	5.48	2.75	0.10
16.90	5.23	2.55	0.13	19.50	5.48	2.76	0.10
16.95	5.24	2.55	0.13	19.55	5.49	2.76	0.10
17.00	5.24	2.56	0.13	19.60	5.49	2.76	0.10
17.05	5.25	2.56	0.13	19.65	5.50	2.77	0.10
17.10	5.25	2.57	0.13	19.70	5.50	2.77	0.09
17.15	5.26	2.57	0.13	19.75	5.50	2.77	0.09
17.20	5.27	2.58	0.13	19.80	5.51	2.78	0.09
17.25	5.27	2.58	0.13	19.85	5.51	2.78	0.09
17.30	5.28	2.59	0.12	19.90	5.52	2.78	0.09
17.35	5.28	2.59	0.12	19.95	5.52	2.79	0.09
17.40	5.29	2.60	0.12	20.00	5.53	2.79	0.09
17.45	5.29	2.60	0.12	20.05	5.53	2.79	0.09
17.50	5.30	2.61	0.12	20.10	5.53	2.80	0.09
17.55	5.30	2.61	0.12	20.15	5.54	2.80	0.09
17.60	5.31	2.61	0.12	20.20	5.54	2.80	0.09
17.65	5.31	2.62	0.12	20.25	5.55	2.81	0.09
17.70	5.32	2.62	0.12	20.30	5.55	2.81	0.09
17.75	5.33	2.63	0.11	20.35	5.55	2.81	0.09
17.80	5.33	2.63	0.11	20.40	5.56	2.82	0.09
17.85	5.34	2.63	0.11	20.45	5.56	2.82	0.09
17.90	5.34	2.64	0.11	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.11	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.11	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.11	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.11	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.10	20.75	5.59	2.84	0.09

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.09	23.40	5.77	2.99	0.07
20.85	5.59	2.85	0.09	23.45	5.78	3.00	0.07
20.90	5.60	2.85	0.09	23.50	5.78	3.00	0.07
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.09	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.09	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.09	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.09	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.09	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.09	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.09	23.95	5.81	3.02	0.07
21.40	5.64	2.88	0.08	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.08	24.05	5.81	3.03	0.06
21.50	5.64	2.89	0.08	24.10	5.81	3.03	0.02
21.55	5.65	2.89	0.08	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.08	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.08	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.08	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.08	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.08	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.08	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.08	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.08	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.08	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.08	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.08	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.08	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.08	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.08	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.08	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.07	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.07	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.07	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.07	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.07	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.07	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.07	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.07	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.07	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.07	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 35I: PDA-35 (impervious)

Runoff = 8.85 cfs @ 12.09 hrs, Volume= 0.607 af, Depth= 5.57"
 Routed to Pond B-35 : Basin #35

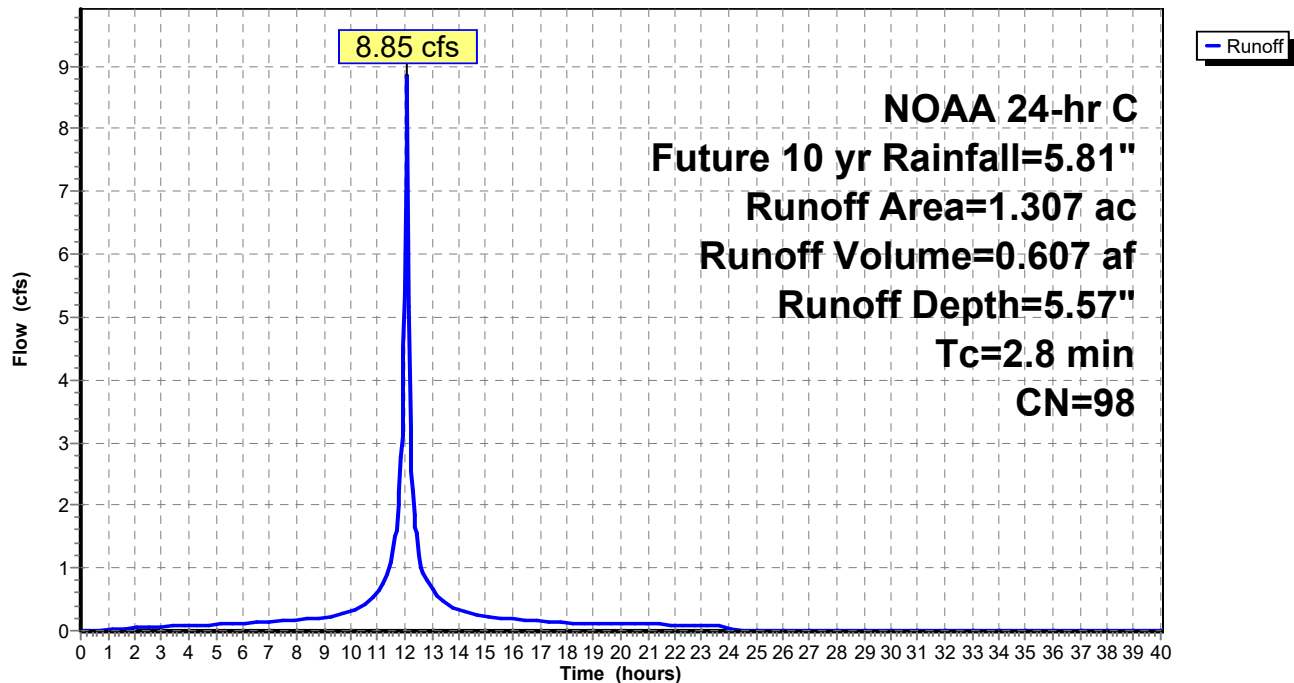
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 1.003	98	Pavement, HSG C
* 0.139	98	Roof, HSG C
* 0.165	98	Concrete, HSC C
1.307	98	Weighted Average
1.307		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8					Direct Entry,

Subcatchment 35I: PDA-35 (impervious)

Hydrograph



Hydrograph for Subcatchment 35I: PDA-35 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.06
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.06
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.06
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.06
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.07
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.07
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.07
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.07
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.07
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.07
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.07
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.07
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.07
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.07
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.07
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.08
0.80	0.05	0.00	0.01	3.40	0.24	0.10	0.08
0.85	0.05	0.00	0.01	3.45	0.24	0.10	0.08
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.08
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.08
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.08
1.05	0.07	0.00	0.02	3.65	0.26	0.11	0.08
1.10	0.07	0.00	0.02	3.70	0.26	0.11	0.08
1.15	0.07	0.00	0.02	3.75	0.26	0.12	0.08
1.20	0.08	0.01	0.02	3.80	0.27	0.12	0.08
1.25	0.08	0.01	0.02	3.85	0.27	0.12	0.08
1.30	0.08	0.01	0.03	3.90	0.28	0.13	0.08
1.35	0.09	0.01	0.03	3.95	0.28	0.13	0.08
1.40	0.09	0.01	0.03	4.00	0.28	0.13	0.09
1.45	0.09	0.01	0.03	4.05	0.29	0.14	0.09
1.50	0.10	0.01	0.03	4.10	0.29	0.14	0.09
1.55	0.10	0.01	0.03	4.15	0.30	0.14	0.09
1.60	0.10	0.01	0.04	4.20	0.30	0.15	0.09
1.65	0.11	0.02	0.04	4.25	0.31	0.15	0.09
1.70	0.11	0.02	0.04	4.30	0.31	0.15	0.09
1.75	0.11	0.02	0.04	4.35	0.31	0.16	0.09
1.80	0.12	0.02	0.04	4.40	0.32	0.16	0.09
1.85	0.12	0.02	0.04	4.45	0.32	0.16	0.09
1.90	0.12	0.02	0.04	4.50	0.33	0.17	0.09
1.95	0.13	0.03	0.05	4.55	0.33	0.17	0.09
2.00	0.13	0.03	0.05	4.60	0.33	0.17	0.09
2.05	0.13	0.03	0.05	4.65	0.34	0.18	0.09
2.10	0.14	0.03	0.05	4.70	0.34	0.18	0.09
2.15	0.14	0.03	0.05	4.75	0.35	0.18	0.10
2.20	0.15	0.04	0.05	4.80	0.35	0.19	0.10
2.25	0.15	0.04	0.05	4.85	0.36	0.19	0.10
2.30	0.15	0.04	0.05	4.90	0.36	0.20	0.10
2.35	0.16	0.04	0.06	4.95	0.37	0.20	0.10
2.40	0.16	0.04	0.06	5.00	0.37	0.20	0.10
2.45	0.16	0.05	0.06	5.05	0.37	0.21	0.10
2.50	0.17	0.05	0.06	5.10	0.38	0.21	0.10
2.55	0.17	0.05	0.06	5.15	0.38	0.21	0.10

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.10	7.80	0.67	0.47	0.17
5.25	0.39	0.22	0.10	7.85	0.68	0.48	0.17
5.30	0.40	0.23	0.10	7.90	0.68	0.49	0.17
5.35	0.40	0.23	0.10	7.95	0.69	0.49	0.17
5.40	0.41	0.23	0.10	8.00	0.70	0.50	0.17
5.45	0.41	0.24	0.10	8.05	0.70	0.51	0.18
5.50	0.41	0.24	0.10	8.10	0.71	0.51	0.18
5.55	0.42	0.25	0.10	8.15	0.72	0.52	0.18
5.60	0.42	0.25	0.11	8.20	0.72	0.53	0.18
5.65	0.43	0.25	0.11	8.25	0.73	0.53	0.18
5.70	0.43	0.26	0.11	8.30	0.74	0.54	0.18
5.75	0.44	0.26	0.11	8.35	0.75	0.55	0.18
5.80	0.44	0.27	0.11	8.40	0.75	0.55	0.19
5.85	0.45	0.27	0.11	8.45	0.76	0.56	0.19
5.90	0.45	0.27	0.11	8.50	0.77	0.57	0.19
5.95	0.46	0.28	0.11	8.55	0.78	0.58	0.19
6.00	0.46	0.28	0.11	8.60	0.78	0.58	0.19
6.05	0.47	0.29	0.11	8.65	0.79	0.59	0.20
6.10	0.47	0.29	0.11	8.70	0.80	0.60	0.20
6.15	0.47	0.30	0.12	8.75	0.81	0.61	0.20
6.20	0.48	0.30	0.12	8.80	0.82	0.61	0.20
6.25	0.48	0.30	0.12	8.85	0.82	0.62	0.20
6.30	0.49	0.31	0.12	8.90	0.83	0.63	0.20
6.35	0.50	0.31	0.12	8.95	0.84	0.64	0.20
6.40	0.50	0.32	0.12	9.00	0.85	0.64	0.21
6.45	0.51	0.32	0.12	9.05	0.86	0.65	0.21
6.50	0.51	0.33	0.13	9.10	0.87	0.66	0.22
6.55	0.52	0.33	0.13	9.15	0.87	0.67	0.22
6.60	0.52	0.34	0.13	9.20	0.88	0.68	0.23
6.65	0.53	0.34	0.13	9.25	0.89	0.69	0.24
6.70	0.53	0.35	0.13	9.30	0.90	0.70	0.24
6.75	0.54	0.35	0.13	9.35	0.91	0.71	0.25
6.80	0.54	0.36	0.13	9.40	0.92	0.72	0.25
6.85	0.55	0.36	0.14	9.45	0.93	0.73	0.26
6.90	0.56	0.37	0.14	9.50	0.94	0.74	0.26
6.95	0.56	0.37	0.14	9.55	0.95	0.75	0.27
7.00	0.57	0.38	0.14	9.60	0.96	0.76	0.27
7.05	0.57	0.38	0.14	9.65	0.98	0.77	0.28
7.10	0.58	0.39	0.14	9.70	0.99	0.78	0.29
7.15	0.58	0.40	0.15	9.75	1.00	0.79	0.29
7.20	0.59	0.40	0.15	9.80	1.01	0.80	0.30
7.25	0.60	0.41	0.15	9.85	1.02	0.81	0.30
7.30	0.60	0.41	0.15	9.90	1.03	0.82	0.31
7.35	0.61	0.42	0.15	9.95	1.05	0.84	0.32
7.40	0.62	0.42	0.15	10.00	1.06	0.85	0.32
7.45	0.62	0.43	0.16	10.05	1.07	0.86	0.33
7.50	0.63	0.44	0.16	10.10	1.09	0.87	0.33
7.55	0.64	0.44	0.16	10.15	1.10	0.89	0.34
7.60	0.64	0.45	0.16	10.20	1.11	0.90	0.34
7.65	0.65	0.45	0.16	10.25	1.13	0.91	0.35
7.70	0.65	0.46	0.16	10.30	1.14	0.93	0.35
7.75	0.66	0.47	0.17	10.35	1.15	0.94	0.36

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.37	13.00	4.42	4.18	0.69
10.45	1.18	0.97	0.37	13.05	4.44	4.20	0.64
10.50	1.20	0.98	0.38	13.10	4.46	4.23	0.61
10.55	1.21	1.00	0.41	13.15	4.48	4.25	0.58
10.60	1.23	1.02	0.42	13.20	4.50	4.27	0.56
10.65	1.25	1.03	0.45	13.25	4.52	4.29	0.53
10.70	1.27	1.05	0.46	13.30	4.54	4.31	0.52
10.75	1.29	1.07	0.49	13.35	4.56	4.33	0.49
10.80	1.31	1.09	0.51	13.40	4.58	4.34	0.47
10.85	1.33	1.11	0.54	13.45	4.60	4.36	0.45
10.90	1.35	1.13	0.55	13.50	4.61	4.38	0.43
10.95	1.37	1.15	0.58	13.55	4.63	4.39	0.40
11.00	1.39	1.18	0.60	13.60	4.64	4.41	0.39
11.05	1.42	1.20	0.65	13.65	4.66	4.42	0.38
11.10	1.45	1.23	0.68	13.70	4.67	4.43	0.37
11.15	1.48	1.26	0.73	13.75	4.68	4.45	0.37
11.20	1.51	1.29	0.76	13.80	4.70	4.46	0.36
11.25	1.54	1.32	0.81	13.85	4.71	4.48	0.36
11.30	1.57	1.35	0.84	13.90	4.72	4.49	0.35
11.35	1.61	1.38	0.89	13.95	4.74	4.50	0.34
11.40	1.64	1.42	0.92	14.00	4.75	4.51	0.34
11.45	1.68	1.46	0.96	14.05	4.76	4.53	0.33
11.50	1.72	1.49	1.00	14.10	4.78	4.54	0.33
11.55	1.78	1.55	1.34	14.15	4.79	4.55	0.32
11.60	1.83	1.61	1.52	14.20	4.80	4.56	0.32
11.65	1.90	1.67	1.58	14.25	4.81	4.57	0.31
11.70	1.96	1.73	1.62	14.30	4.82	4.59	0.31
11.75	2.04	1.82	2.00	14.35	4.83	4.60	0.30
11.80	2.13	1.90	2.22	14.40	4.85	4.61	0.29
11.85	2.25	2.02	2.77	14.45	4.86	4.62	0.29
11.90	2.36	2.13	3.10	14.50	4.87	4.63	0.28
11.95	2.57	2.34	4.52	14.55	4.88	4.64	0.28
12.00	2.77	2.54	5.34	14.60	4.89	4.65	0.27
12.05	3.11	2.88	7.61	14.65	4.90	4.66	0.26
12.10	3.45	3.21	8.69	14.70	4.91	4.67	0.26
12.15	3.56	3.33	5.17	14.75	4.92	4.68	0.25
12.20	3.68	3.45	3.23	14.80	4.93	4.69	0.25
12.25	3.77	3.53	2.54	14.85	4.94	4.70	0.24
12.30	3.85	3.62	2.24	14.90	4.94	4.71	0.24
12.35	3.91	3.68	1.84	14.95	4.95	4.72	0.23
12.40	3.98	3.74	1.64	15.00	4.96	4.72	0.23
12.45	4.03	3.80	1.57	15.05	4.97	4.73	0.22
12.50	4.09	3.86	1.54	15.10	4.98	4.74	0.22
12.55	4.13	3.90	1.19	15.15	4.99	4.75	0.21
12.60	4.17	3.93	1.01	15.20	4.99	4.76	0.21
12.65	4.20	3.97	0.96	15.25	5.00	4.76	0.21
12.70	4.24	4.00	0.93	15.30	5.01	4.77	0.21
12.75	4.27	4.04	0.88	15.35	5.02	4.78	0.21
12.80	4.30	4.07	0.85	15.40	5.03	4.79	0.21
12.85	4.33	4.10	0.80	15.45	5.03	4.80	0.20
12.90	4.36	4.13	0.77	15.50	5.04	4.80	0.20
12.95	4.39	4.15	0.72	15.55	5.05	4.81	0.20

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.20	18.20	5.37	5.13	0.12
15.65	5.06	4.83	0.20	18.25	5.37	5.14	0.12
15.70	5.07	4.83	0.20	18.30	5.38	5.14	0.12
15.75	5.08	4.84	0.19	18.35	5.38	5.14	0.12
15.80	5.09	4.85	0.19	18.40	5.39	5.15	0.12
15.85	5.09	4.86	0.19	18.45	5.39	5.15	0.12
15.90	5.10	4.86	0.19	18.50	5.40	5.16	0.12
15.95	5.11	4.87	0.19	18.55	5.40	5.16	0.12
16.00	5.11	4.88	0.19	18.60	5.40	5.17	0.12
16.05	5.12	4.88	0.19	18.65	5.41	5.17	0.12
16.10	5.13	4.89	0.18	18.70	5.41	5.18	0.12
16.15	5.13	4.90	0.18	18.75	5.42	5.18	0.12
16.20	5.14	4.90	0.18	18.80	5.42	5.19	0.12
16.25	5.15	4.91	0.18	18.85	5.43	5.19	0.12
16.30	5.16	4.92	0.18	18.90	5.43	5.19	0.12
16.35	5.16	4.92	0.18	18.95	5.44	5.20	0.12
16.40	5.17	4.93	0.18	19.00	5.44	5.20	0.12
16.45	5.17	4.94	0.17	19.05	5.44	5.21	0.12
16.50	5.18	4.94	0.17	19.10	5.45	5.21	0.12
16.55	5.19	4.95	0.17	19.15	5.45	5.22	0.11
16.60	5.19	4.96	0.17	19.20	5.46	5.22	0.11
16.65	5.20	4.96	0.17	19.25	5.46	5.22	0.11
16.70	5.21	4.97	0.17	19.30	5.47	5.23	0.11
16.75	5.21	4.98	0.16	19.35	5.47	5.23	0.11
16.80	5.22	4.98	0.16	19.40	5.48	5.24	0.11
16.85	5.23	4.99	0.16	19.45	5.48	5.24	0.11
16.90	5.23	4.99	0.16	19.50	5.48	5.25	0.11
16.95	5.24	5.00	0.16	19.55	5.49	5.25	0.11
17.00	5.24	5.01	0.16	19.60	5.49	5.25	0.11
17.05	5.25	5.01	0.15	19.65	5.50	5.26	0.11
17.10	5.25	5.02	0.15	19.70	5.50	5.26	0.11
17.15	5.26	5.02	0.15	19.75	5.50	5.27	0.11
17.20	5.27	5.03	0.15	19.80	5.51	5.27	0.11
17.25	5.27	5.03	0.15	19.85	5.51	5.28	0.11
17.30	5.28	5.04	0.15	19.90	5.52	5.28	0.11
17.35	5.28	5.05	0.15	19.95	5.52	5.28	0.11
17.40	5.29	5.05	0.14	20.00	5.53	5.29	0.11
17.45	5.29	5.06	0.14	20.05	5.53	5.29	0.11
17.50	5.30	5.06	0.14	20.10	5.53	5.30	0.11
17.55	5.30	5.07	0.14	20.15	5.54	5.30	0.11
17.60	5.31	5.07	0.14	20.20	5.54	5.30	0.11
17.65	5.31	5.08	0.14	20.25	5.55	5.31	0.11
17.70	5.32	5.08	0.14	20.30	5.55	5.31	0.11
17.75	5.33	5.09	0.13	20.35	5.55	5.32	0.11
17.80	5.33	5.09	0.13	20.40	5.56	5.32	0.11
17.85	5.34	5.10	0.13	20.45	5.56	5.32	0.11
17.90	5.34	5.10	0.13	20.50	5.57	5.33	0.10
17.95	5.34	5.11	0.13	20.55	5.57	5.33	0.10
18.00	5.35	5.11	0.13	20.60	5.57	5.34	0.10
18.05	5.35	5.12	0.12	20.65	5.58	5.34	0.10
18.10	5.36	5.12	0.12	20.70	5.58	5.34	0.10
18.15	5.36	5.13	0.12	20.75	5.59	5.35	0.10

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.10	23.40	5.77	5.53	0.08
20.85	5.59	5.36	0.10	23.45	5.78	5.54	0.08
20.90	5.60	5.36	0.10	23.50	5.78	5.54	0.08
20.95	5.60	5.36	0.10	23.55	5.78	5.54	0.08
21.00	5.61	5.37	0.10	23.60	5.78	5.55	0.08
21.05	5.61	5.37	0.10	23.65	5.79	5.55	0.08
21.10	5.61	5.37	0.10	23.70	5.79	5.55	0.08
21.15	5.62	5.38	0.10	23.75	5.79	5.56	0.08
21.20	5.62	5.38	0.10	23.80	5.80	5.56	0.08
21.25	5.62	5.39	0.10	23.85	5.80	5.56	0.08
21.30	5.63	5.39	0.10	23.90	5.80	5.56	0.08
21.35	5.63	5.39	0.10	23.95	5.81	5.57	0.09
21.40	5.64	5.40	0.10	24.00	5.81	5.57	0.10
21.45	5.64	5.40	0.10	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.10	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.10	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.10	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.10	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.10	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.10	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.10	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.09	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.09	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.09	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.09	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.09	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.09	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.09	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.09	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.09	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.09	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.09	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.09	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.09	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.09	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.09	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.09	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.09	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.09	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.09	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.09	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.09	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.09	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.09	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.09	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.09	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.08	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.08	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.08	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.08	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.08	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.08	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 35P: PDA-35 (pervious)

Runoff = 2.71 cfs @ 12.10 hrs, Volume= 0.164 af, Depth= 3.03"
 Routed to Pond B-35 : Basin #35

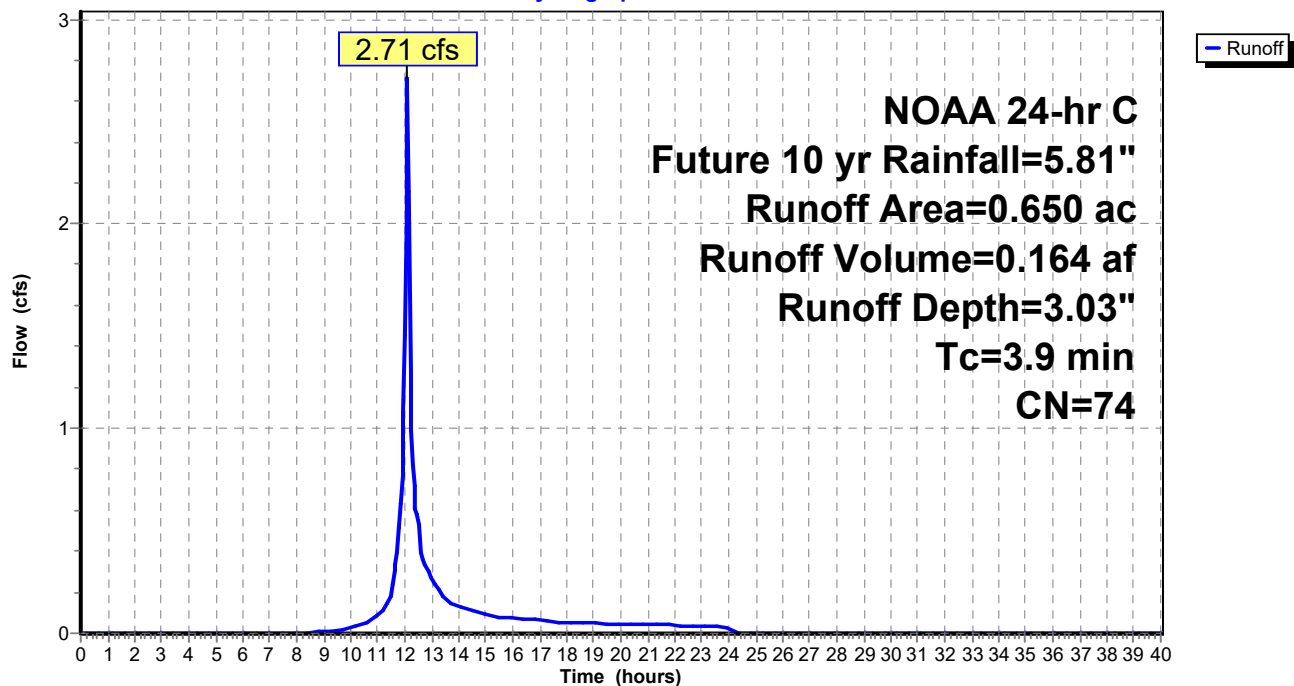
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.650	74	>75% Grass cover, Good, HSG C
0.650		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.9					Direct Entry,

Subcatchment 35P: PDA-35 (pervious)

Hydrograph



Hydrograph for Subcatchment 35P: PDA-35 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.01
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.01
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.01
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.01
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.02
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.02
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.02
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.02
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.02
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.03
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.03
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.03
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.03
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.03
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.03
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.03
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.04
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.04

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.04	13.00	4.42	1.91	0.26
10.45	1.18	0.06	0.04	13.05	4.44	1.93	0.25
10.50	1.20	0.06	0.04	13.10	4.46	1.94	0.23
10.55	1.21	0.06	0.05	13.15	4.48	1.96	0.22
10.60	1.23	0.07	0.05	13.20	4.50	1.98	0.22
10.65	1.25	0.07	0.05	13.25	4.52	1.99	0.21
10.70	1.27	0.08	0.06	13.30	4.54	2.01	0.20
10.75	1.29	0.08	0.06	13.35	4.56	2.02	0.19
10.80	1.31	0.09	0.07	13.40	4.58	2.03	0.18
10.85	1.33	0.09	0.07	13.45	4.60	2.05	0.18
10.90	1.35	0.10	0.08	13.50	4.61	2.06	0.17
10.95	1.37	0.11	0.08	13.55	4.63	2.07	0.16
11.00	1.39	0.11	0.09	13.60	4.64	2.08	0.15
11.05	1.42	0.12	0.10	13.65	4.66	2.09	0.15
11.10	1.45	0.13	0.10	13.70	4.67	2.10	0.15
11.15	1.48	0.14	0.11	13.75	4.68	2.12	0.14
11.20	1.51	0.15	0.12	13.80	4.70	2.13	0.14
11.25	1.54	0.16	0.13	13.85	4.71	2.14	0.14
11.30	1.57	0.17	0.15	13.90	4.72	2.15	0.14
11.35	1.61	0.18	0.16	13.95	4.74	2.16	0.14
11.40	1.64	0.20	0.17	14.00	4.75	2.17	0.13
11.45	1.68	0.21	0.18	14.05	4.76	2.18	0.13
11.50	1.72	0.23	0.19	14.10	4.78	2.19	0.13
11.55	1.78	0.25	0.24	14.15	4.79	2.20	0.13
11.60	1.83	0.28	0.30	14.20	4.80	2.21	0.12
11.65	1.90	0.30	0.33	14.25	4.81	2.21	0.12
11.70	1.96	0.33	0.36	14.30	4.82	2.22	0.12
11.75	2.04	0.37	0.43	14.35	4.83	2.23	0.12
11.80	2.13	0.41	0.51	14.40	4.85	2.24	0.12
11.85	2.25	0.47	0.63	14.45	4.86	2.25	0.11
11.90	2.36	0.53	0.77	14.50	4.87	2.26	0.11
11.95	2.57	0.65	1.08	14.55	4.88	2.27	0.11
12.00	2.77	0.77	1.45	14.60	4.89	2.27	0.11
12.05	3.11	0.98	2.04	14.65	4.90	2.28	0.11
12.10	3.45	1.20	2.71	14.70	4.91	2.29	0.10
12.15	3.56	1.28	2.16	14.75	4.92	2.30	0.10
12.20	3.68	1.37	1.27	14.80	4.93	2.31	0.10
12.25	3.77	1.43	0.99	14.85	4.94	2.31	0.10
12.30	3.85	1.49	0.83	14.90	4.94	2.32	0.09
12.35	3.91	1.53	0.72	14.95	4.95	2.33	0.09
12.40	3.98	1.58	0.61	15.00	4.96	2.33	0.09
12.45	4.03	1.62	0.58	15.05	4.97	2.34	0.09
12.50	4.09	1.67	0.57	15.10	4.98	2.35	0.09
12.55	4.13	1.69	0.49	15.15	4.99	2.35	0.08
12.60	4.17	1.72	0.39	15.20	4.99	2.36	0.08
12.65	4.20	1.75	0.36	15.25	5.00	2.37	0.08
12.70	4.24	1.77	0.35	15.30	5.01	2.37	0.08
12.75	4.27	1.80	0.34	15.35	5.02	2.38	0.08
12.80	4.30	1.82	0.32	15.40	5.03	2.38	0.08
12.85	4.33	1.85	0.31	15.45	5.03	2.39	0.08
12.90	4.36	1.87	0.29	15.50	5.04	2.40	0.08
12.95	4.39	1.89	0.28	15.55	5.05	2.40	0.08

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.08	18.20	5.37	2.66	0.05
15.65	5.06	2.41	0.08	18.25	5.37	2.67	0.05
15.70	5.07	2.42	0.08	18.30	5.38	2.67	0.05
15.75	5.08	2.43	0.08	18.35	5.38	2.67	0.05
15.80	5.09	2.43	0.08	18.40	5.39	2.68	0.05
15.85	5.09	2.44	0.08	18.45	5.39	2.68	0.05
15.90	5.10	2.44	0.08	18.50	5.40	2.68	0.05
15.95	5.11	2.45	0.08	18.55	5.40	2.69	0.05
16.00	5.11	2.46	0.07	18.60	5.40	2.69	0.05
16.05	5.12	2.46	0.07	18.65	5.41	2.69	0.05
16.10	5.13	2.47	0.07	18.70	5.41	2.70	0.05
16.15	5.13	2.47	0.07	18.75	5.42	2.70	0.05
16.20	5.14	2.48	0.07	18.80	5.42	2.71	0.05
16.25	5.15	2.48	0.07	18.85	5.43	2.71	0.05
16.30	5.16	2.49	0.07	18.90	5.43	2.71	0.05
16.35	5.16	2.49	0.07	18.95	5.44	2.72	0.05
16.40	5.17	2.50	0.07	19.00	5.44	2.72	0.05
16.45	5.17	2.50	0.07	19.05	5.44	2.72	0.05
16.50	5.18	2.51	0.07	19.10	5.45	2.73	0.05
16.55	5.19	2.52	0.07	19.15	5.45	2.73	0.05
16.60	5.19	2.52	0.07	19.20	5.46	2.73	0.05
16.65	5.20	2.53	0.07	19.25	5.46	2.74	0.05
16.70	5.21	2.53	0.07	19.30	5.47	2.74	0.05
16.75	5.21	2.54	0.07	19.35	5.47	2.75	0.05
16.80	5.22	2.54	0.07	19.40	5.48	2.75	0.05
16.85	5.23	2.55	0.06	19.45	5.48	2.75	0.05
16.90	5.23	2.55	0.06	19.50	5.48	2.76	0.05
16.95	5.24	2.55	0.06	19.55	5.49	2.76	0.05
17.00	5.24	2.56	0.06	19.60	5.49	2.76	0.05
17.05	5.25	2.56	0.06	19.65	5.50	2.77	0.05
17.10	5.25	2.57	0.06	19.70	5.50	2.77	0.05
17.15	5.26	2.57	0.06	19.75	5.50	2.77	0.05
17.20	5.27	2.58	0.06	19.80	5.51	2.78	0.05
17.25	5.27	2.58	0.06	19.85	5.51	2.78	0.05
17.30	5.28	2.59	0.06	19.90	5.52	2.78	0.04
17.35	5.28	2.59	0.06	19.95	5.52	2.79	0.04
17.40	5.29	2.60	0.06	20.00	5.53	2.79	0.04
17.45	5.29	2.60	0.06	20.05	5.53	2.79	0.04
17.50	5.30	2.61	0.06	20.10	5.53	2.80	0.04
17.55	5.30	2.61	0.06	20.15	5.54	2.80	0.04
17.60	5.31	2.61	0.06	20.20	5.54	2.80	0.04
17.65	5.31	2.62	0.06	20.25	5.55	2.81	0.04
17.70	5.32	2.62	0.05	20.30	5.55	2.81	0.04
17.75	5.33	2.63	0.05	20.35	5.55	2.81	0.04
17.80	5.33	2.63	0.05	20.40	5.56	2.82	0.04
17.85	5.34	2.63	0.05	20.45	5.56	2.82	0.04
17.90	5.34	2.64	0.05	20.50	5.57	2.82	0.04
17.95	5.34	2.64	0.05	20.55	5.57	2.83	0.04
18.00	5.35	2.65	0.05	20.60	5.57	2.83	0.04
18.05	5.35	2.65	0.05	20.65	5.58	2.83	0.04
18.10	5.36	2.65	0.05	20.70	5.58	2.84	0.04
18.15	5.36	2.66	0.05	20.75	5.59	2.84	0.04

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.04	23.40	5.77	2.99	0.03
20.85	5.59	2.85	0.04	23.45	5.78	3.00	0.03
20.90	5.60	2.85	0.04	23.50	5.78	3.00	0.03
20.95	5.60	2.85	0.04	23.55	5.78	3.00	0.03
21.00	5.61	2.86	0.04	23.60	5.78	3.00	0.03
21.05	5.61	2.86	0.04	23.65	5.79	3.01	0.03
21.10	5.61	2.86	0.04	23.70	5.79	3.01	0.03
21.15	5.62	2.87	0.04	23.75	5.79	3.01	0.03
21.20	5.62	2.87	0.04	23.80	5.80	3.01	0.03
21.25	5.62	2.87	0.04	23.85	5.80	3.02	0.03
21.30	5.63	2.87	0.04	23.90	5.80	3.02	0.03
21.35	5.63	2.88	0.04	23.95	5.81	3.02	0.04
21.40	5.64	2.88	0.04	24.00	5.81	3.03	0.04
21.45	5.64	2.88	0.04	24.05	5.81	3.03	0.02
21.50	5.64	2.89	0.04	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.04	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.04	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.04	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.04	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.04	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.04	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.04	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.04	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.04	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.04	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.04	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.04	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.04	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.04	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.04	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.04	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.04	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.04	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.04	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.04	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.04	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.04	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.04	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.04	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.04	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.04	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.04	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.04	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.04	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.04	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.04	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.04	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.04	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.03	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.03	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.03	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.03	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 36A1: PDA-36A (impervious)

Runoff = 2.85 cfs @ 12.07 hrs, Volume= 0.194 af, Depth= 5.57"
 Routed to Pond B-36A : Basin #36A

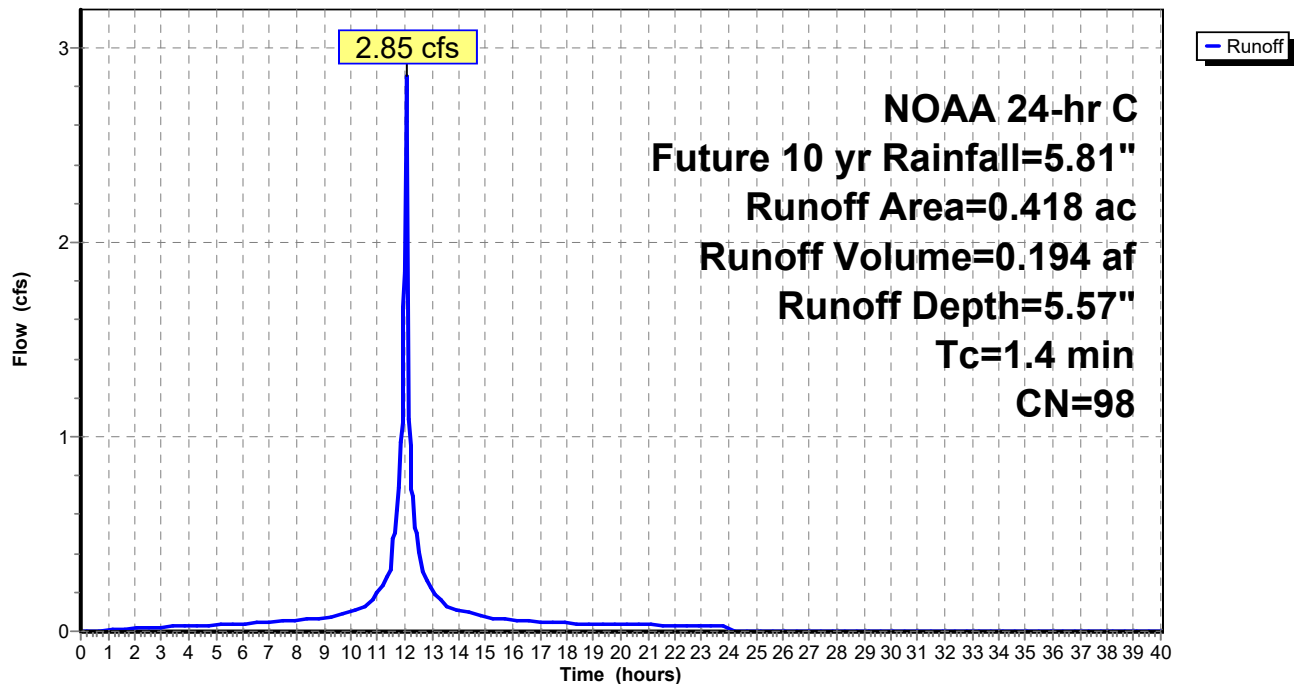
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.418	98	Roof, HSG C
0.418		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 36A1: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 36A1: PDA-36A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.02
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.02
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.02
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.02
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.02
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.02
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.02
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.02
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.02
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.02
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.02
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.02
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.02
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.02
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.02
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.02
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.02
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.02
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.03
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.03
1.00	0.06	0.00	0.00	3.60	0.25	0.11	0.03
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.03
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.03
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.03
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.03
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.03
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.03
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.03
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.03
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.03
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.03
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.03
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.03
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.03
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.03
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.03
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.03
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.03
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.03
1.95	0.13	0.03	0.01	4.55	0.33	0.17	0.03
2.00	0.13	0.03	0.02	4.60	0.33	0.17	0.03
2.05	0.13	0.03	0.02	4.65	0.34	0.18	0.03
2.10	0.14	0.03	0.02	4.70	0.34	0.18	0.03
2.15	0.14	0.03	0.02	4.75	0.35	0.18	0.03
2.20	0.15	0.04	0.02	4.80	0.35	0.19	0.03
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.03
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.03
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.03
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.03
2.45	0.16	0.05	0.02	5.05	0.37	0.21	0.03
2.50	0.17	0.05	0.02	5.10	0.38	0.21	0.03
2.55	0.17	0.05	0.02	5.15	0.38	0.21	0.03

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.03	7.80	0.67	0.47	0.05
5.25	0.39	0.22	0.03	7.85	0.68	0.48	0.05
5.30	0.40	0.23	0.03	7.90	0.68	0.49	0.05
5.35	0.40	0.23	0.03	7.95	0.69	0.49	0.06
5.40	0.41	0.23	0.03	8.00	0.70	0.50	0.06
5.45	0.41	0.24	0.03	8.05	0.70	0.51	0.06
5.50	0.41	0.24	0.03	8.10	0.71	0.51	0.06
5.55	0.42	0.25	0.03	8.15	0.72	0.52	0.06
5.60	0.42	0.25	0.03	8.20	0.72	0.53	0.06
5.65	0.43	0.25	0.03	8.25	0.73	0.53	0.06
5.70	0.43	0.26	0.03	8.30	0.74	0.54	0.06
5.75	0.44	0.26	0.03	8.35	0.75	0.55	0.06
5.80	0.44	0.27	0.03	8.40	0.75	0.55	0.06
5.85	0.45	0.27	0.03	8.45	0.76	0.56	0.06
5.90	0.45	0.27	0.03	8.50	0.77	0.57	0.06
5.95	0.46	0.28	0.04	8.55	0.78	0.58	0.06
6.00	0.46	0.28	0.04	8.60	0.78	0.58	0.06
6.05	0.47	0.29	0.04	8.65	0.79	0.59	0.06
6.10	0.47	0.29	0.04	8.70	0.80	0.60	0.06
6.15	0.47	0.30	0.04	8.75	0.81	0.61	0.06
6.20	0.48	0.30	0.04	8.80	0.82	0.61	0.06
6.25	0.48	0.30	0.04	8.85	0.82	0.62	0.06
6.30	0.49	0.31	0.04	8.90	0.83	0.63	0.06
6.35	0.50	0.31	0.04	8.95	0.84	0.64	0.07
6.40	0.50	0.32	0.04	9.00	0.85	0.64	0.07
6.45	0.51	0.32	0.04	9.05	0.86	0.65	0.07
6.50	0.51	0.33	0.04	9.10	0.87	0.66	0.07
6.55	0.52	0.33	0.04	9.15	0.87	0.67	0.07
6.60	0.52	0.34	0.04	9.20	0.88	0.68	0.07
6.65	0.53	0.34	0.04	9.25	0.89	0.69	0.08
6.70	0.53	0.35	0.04	9.30	0.90	0.70	0.08
6.75	0.54	0.35	0.04	9.35	0.91	0.71	0.08
6.80	0.54	0.36	0.04	9.40	0.92	0.72	0.08
6.85	0.55	0.36	0.04	9.45	0.93	0.73	0.08
6.90	0.56	0.37	0.04	9.50	0.94	0.74	0.08
6.95	0.56	0.37	0.05	9.55	0.95	0.75	0.09
7.00	0.57	0.38	0.05	9.60	0.96	0.76	0.09
7.05	0.57	0.38	0.05	9.65	0.98	0.77	0.09
7.10	0.58	0.39	0.05	9.70	0.99	0.78	0.09
7.15	0.58	0.40	0.05	9.75	1.00	0.79	0.09
7.20	0.59	0.40	0.05	9.80	1.01	0.80	0.10
7.25	0.60	0.41	0.05	9.85	1.02	0.81	0.10
7.30	0.60	0.41	0.05	9.90	1.03	0.82	0.10
7.35	0.61	0.42	0.05	9.95	1.05	0.84	0.10
7.40	0.62	0.42	0.05	10.00	1.06	0.85	0.10
7.45	0.62	0.43	0.05	10.05	1.07	0.86	0.11
7.50	0.63	0.44	0.05	10.10	1.09	0.87	0.11
7.55	0.64	0.44	0.05	10.15	1.10	0.89	0.11
7.60	0.64	0.45	0.05	10.20	1.11	0.90	0.11
7.65	0.65	0.45	0.05	10.25	1.13	0.91	0.11
7.70	0.65	0.46	0.05	10.30	1.14	0.93	0.11
7.75	0.66	0.47	0.05	10.35	1.15	0.94	0.12

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.12	13.00	4.42	4.18	0.22
10.45	1.18	0.97	0.12	13.05	4.44	4.20	0.20
10.50	1.20	0.98	0.12	13.10	4.46	4.23	0.19
10.55	1.21	1.00	0.13	13.15	4.48	4.25	0.18
10.60	1.23	1.02	0.14	13.20	4.50	4.27	0.18
10.65	1.25	1.03	0.15	13.25	4.52	4.29	0.17
10.70	1.27	1.05	0.15	13.30	4.54	4.31	0.16
10.75	1.29	1.07	0.16	13.35	4.56	4.33	0.15
10.80	1.31	1.09	0.16	13.40	4.58	4.34	0.15
10.85	1.33	1.11	0.18	13.45	4.60	4.36	0.14
10.90	1.35	1.13	0.18	13.50	4.61	4.38	0.14
10.95	1.37	1.15	0.19	13.55	4.63	4.39	0.12
11.00	1.39	1.18	0.19	13.60	4.64	4.41	0.12
11.05	1.42	1.20	0.22	13.65	4.66	4.42	0.12
11.10	1.45	1.23	0.22	13.70	4.67	4.43	0.12
11.15	1.48	1.26	0.24	13.75	4.68	4.45	0.12
11.20	1.51	1.29	0.25	13.80	4.70	4.46	0.12
11.25	1.54	1.32	0.27	13.85	4.71	4.48	0.11
11.30	1.57	1.35	0.27	13.90	4.72	4.49	0.11
11.35	1.61	1.38	0.29	13.95	4.74	4.50	0.11
11.40	1.64	1.42	0.30	14.00	4.75	4.51	0.11
11.45	1.68	1.46	0.31	14.05	4.76	4.53	0.11
11.50	1.72	1.49	0.34	14.10	4.78	4.54	0.10
11.55	1.78	1.55	0.48	14.15	4.79	4.55	0.10
11.60	1.83	1.61	0.49	14.20	4.80	4.56	0.10
11.65	1.90	1.67	0.51	14.25	4.81	4.57	0.10
11.70	1.96	1.73	0.54	14.30	4.82	4.59	0.10
11.75	2.04	1.82	0.70	14.35	4.83	4.60	0.09
11.80	2.13	1.90	0.74	14.40	4.85	4.61	0.09
11.85	2.25	2.02	0.97	14.45	4.86	4.62	0.09
11.90	2.36	2.13	1.07	14.50	4.87	4.63	0.09
11.95	2.57	2.34	1.66	14.55	4.88	4.64	0.09
12.00	2.77	2.54	1.84	14.60	4.89	4.65	0.09
12.05	3.11	2.88	2.78	14.65	4.90	4.66	0.08
12.10	3.45	3.21	2.62	14.70	4.91	4.67	0.08
12.15	3.56	3.33	1.09	14.75	4.92	4.68	0.08
12.20	3.68	3.45	0.96	14.80	4.93	4.69	0.08
12.25	3.77	3.53	0.73	14.85	4.94	4.70	0.08
12.30	3.85	3.62	0.69	14.90	4.94	4.71	0.08
12.35	3.91	3.68	0.53	14.95	4.95	4.72	0.07
12.40	3.98	3.74	0.52	15.00	4.96	4.72	0.07
12.45	4.03	3.80	0.50	15.05	4.97	4.73	0.07
12.50	4.09	3.86	0.47	15.10	4.98	4.74	0.07
12.55	4.13	3.90	0.33	15.15	4.99	4.75	0.07
12.60	4.17	3.93	0.32	15.20	4.99	4.76	0.07
12.65	4.20	3.97	0.30	15.25	5.00	4.76	0.07
12.70	4.24	4.00	0.30	15.30	5.01	4.77	0.07
12.75	4.27	4.04	0.27	15.35	5.02	4.78	0.07
12.80	4.30	4.07	0.27	15.40	5.03	4.79	0.07
12.85	4.33	4.10	0.25	15.45	5.03	4.80	0.06
12.90	4.36	4.13	0.24	15.50	5.04	4.80	0.06
12.95	4.39	4.15	0.22	15.55	5.05	4.81	0.06

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.06	18.20	5.37	5.13	0.04
15.65	5.06	4.83	0.06	18.25	5.37	5.14	0.04
15.70	5.07	4.83	0.06	18.30	5.38	5.14	0.04
15.75	5.08	4.84	0.06	18.35	5.38	5.14	0.04
15.80	5.09	4.85	0.06	18.40	5.39	5.15	0.04
15.85	5.09	4.86	0.06	18.45	5.39	5.15	0.04
15.90	5.10	4.86	0.06	18.50	5.40	5.16	0.04
15.95	5.11	4.87	0.06	18.55	5.40	5.16	0.04
16.00	5.11	4.88	0.06	18.60	5.40	5.17	0.04
16.05	5.12	4.88	0.06	18.65	5.41	5.17	0.04
16.10	5.13	4.89	0.06	18.70	5.41	5.18	0.04
16.15	5.13	4.90	0.06	18.75	5.42	5.18	0.04
16.20	5.14	4.90	0.06	18.80	5.42	5.19	0.04
16.25	5.15	4.91	0.06	18.85	5.43	5.19	0.04
16.30	5.16	4.92	0.06	18.90	5.43	5.19	0.04
16.35	5.16	4.92	0.06	18.95	5.44	5.20	0.04
16.40	5.17	4.93	0.06	19.00	5.44	5.20	0.04
16.45	5.17	4.94	0.05	19.05	5.44	5.21	0.04
16.50	5.18	4.94	0.05	19.10	5.45	5.21	0.04
16.55	5.19	4.95	0.05	19.15	5.45	5.22	0.04
16.60	5.19	4.96	0.05	19.20	5.46	5.22	0.04
16.65	5.20	4.96	0.05	19.25	5.46	5.22	0.04
16.70	5.21	4.97	0.05	19.30	5.47	5.23	0.04
16.75	5.21	4.98	0.05	19.35	5.47	5.23	0.04
16.80	5.22	4.98	0.05	19.40	5.48	5.24	0.04
16.85	5.23	4.99	0.05	19.45	5.48	5.24	0.04
16.90	5.23	4.99	0.05	19.50	5.48	5.25	0.04
16.95	5.24	5.00	0.05	19.55	5.49	5.25	0.04
17.00	5.24	5.01	0.05	19.60	5.49	5.25	0.04
17.05	5.25	5.01	0.05	19.65	5.50	5.26	0.04
17.10	5.25	5.02	0.05	19.70	5.50	5.26	0.04
17.15	5.26	5.02	0.05	19.75	5.50	5.27	0.04
17.20	5.27	5.03	0.05	19.80	5.51	5.27	0.04
17.25	5.27	5.03	0.05	19.85	5.51	5.28	0.03
17.30	5.28	5.04	0.05	19.90	5.52	5.28	0.03
17.35	5.28	5.05	0.05	19.95	5.52	5.28	0.03
17.40	5.29	5.05	0.05	20.00	5.53	5.29	0.03
17.45	5.29	5.06	0.05	20.05	5.53	5.29	0.03
17.50	5.30	5.06	0.05	20.10	5.53	5.30	0.03
17.55	5.30	5.07	0.04	20.15	5.54	5.30	0.03
17.60	5.31	5.07	0.04	20.20	5.54	5.30	0.03
17.65	5.31	5.08	0.04	20.25	5.55	5.31	0.03
17.70	5.32	5.08	0.04	20.30	5.55	5.31	0.03
17.75	5.33	5.09	0.04	20.35	5.55	5.32	0.03
17.80	5.33	5.09	0.04	20.40	5.56	5.32	0.03
17.85	5.34	5.10	0.04	20.45	5.56	5.32	0.03
17.90	5.34	5.10	0.04	20.50	5.57	5.33	0.03
17.95	5.34	5.11	0.04	20.55	5.57	5.33	0.03
18.00	5.35	5.11	0.04	20.60	5.57	5.34	0.03
18.05	5.35	5.12	0.04	20.65	5.58	5.34	0.03
18.10	5.36	5.12	0.04	20.70	5.58	5.34	0.03
18.15	5.36	5.13	0.04	20.75	5.59	5.35	0.03

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.03	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.03	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.03	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.03	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.03	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.03	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.03	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.03	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.03	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.03	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.03	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.03	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.03	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.03	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.03	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.03	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.03	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.03	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.03	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.03	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.03	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.03	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.03	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.03	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.03	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.03	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.03	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.03	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.03	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.03	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.03	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.03	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.03	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.03	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.03	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.03	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.03	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 36AP: PDA-36A (pervious)

Runoff = 4.20 cfs @ 12.11 hrs, Volume= 0.258 af, Depth= 3.03"
 Routed to Pond B-36A : Basin #36A

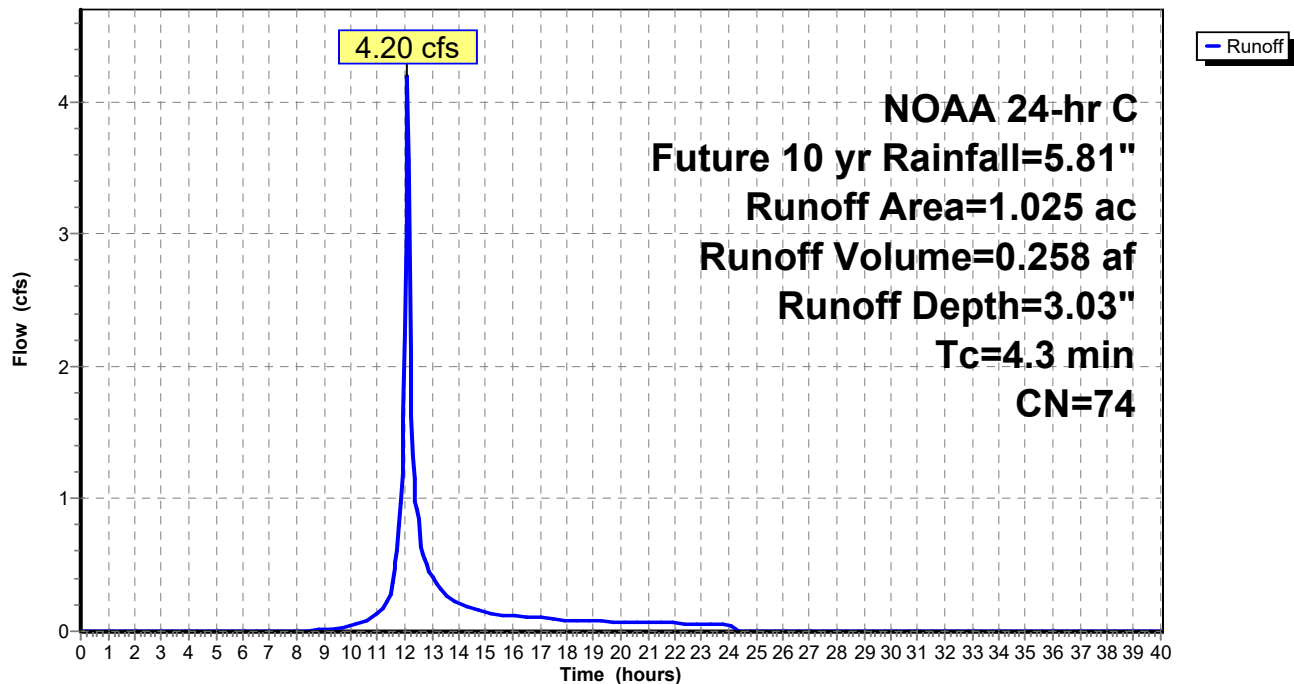
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.025	74	>75% Grass cover, Good, HSG C
1.025		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 36AP: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 36AP: PDA-36A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.04
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.04
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.05
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.05
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.05
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.06
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.06

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.42
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.40
10.50	1.20	0.06	0.07	13.10	4.46	1.94	0.37
10.55	1.21	0.06	0.07	13.15	4.48	1.96	0.36
10.60	1.23	0.07	0.08	13.20	4.50	1.98	0.34
10.65	1.25	0.07	0.08	13.25	4.52	1.99	0.33
10.70	1.27	0.08	0.09	13.30	4.54	2.01	0.32
10.75	1.29	0.08	0.10	13.35	4.56	2.02	0.31
10.80	1.31	0.09	0.11	13.40	4.58	2.03	0.29
10.85	1.33	0.09	0.11	13.45	4.60	2.05	0.28
10.90	1.35	0.10	0.12	13.50	4.61	2.06	0.27
10.95	1.37	0.11	0.13	13.55	4.63	2.07	0.25
11.00	1.39	0.11	0.14	13.60	4.64	2.08	0.24
11.05	1.42	0.12	0.15	13.65	4.66	2.09	0.23
11.10	1.45	0.13	0.16	13.70	4.67	2.10	0.23
11.15	1.48	0.14	0.18	13.75	4.68	2.12	0.23
11.20	1.51	0.15	0.19	13.80	4.70	2.13	0.22
11.25	1.54	0.16	0.21	13.85	4.71	2.14	0.22
11.30	1.57	0.17	0.23	13.90	4.72	2.15	0.22
11.35	1.61	0.18	0.24	13.95	4.74	2.16	0.21
11.40	1.64	0.20	0.26	14.00	4.75	2.17	0.21
11.45	1.68	0.21	0.28	14.05	4.76	2.18	0.21
11.50	1.72	0.23	0.30	14.10	4.78	2.19	0.20
11.55	1.78	0.25	0.37	14.15	4.79	2.20	0.20
11.60	1.83	0.28	0.47	14.20	4.80	2.21	0.20
11.65	1.90	0.30	0.52	14.25	4.81	2.21	0.19
11.70	1.96	0.33	0.56	14.30	4.82	2.22	0.19
11.75	2.04	0.37	0.65	14.35	4.83	2.23	0.19
11.80	2.13	0.41	0.79	14.40	4.85	2.24	0.18
11.85	2.25	0.47	0.97	14.45	4.86	2.25	0.18
11.90	2.36	0.53	1.20	14.50	4.87	2.26	0.18
11.95	2.57	0.65	1.62	14.55	4.88	2.27	0.17
12.00	2.77	0.77	2.23	14.60	4.89	2.27	0.17
12.05	3.11	0.98	3.07	14.65	4.90	2.28	0.17
12.10	3.45	1.20	4.18	14.70	4.91	2.29	0.16
12.15	3.56	1.28	3.56	14.75	4.92	2.30	0.16
12.20	3.68	1.37	2.12	14.80	4.93	2.31	0.16
12.25	3.77	1.43	1.62	14.85	4.94	2.31	0.15
12.30	3.85	1.49	1.33	14.90	4.94	2.32	0.15
12.35	3.91	1.53	1.15	14.95	4.95	2.33	0.15
12.40	3.98	1.58	0.98	15.00	4.96	2.33	0.14
12.45	4.03	1.62	0.93	15.05	4.97	2.34	0.14
12.50	4.09	1.67	0.90	15.10	4.98	2.35	0.14
12.55	4.13	1.69	0.79	15.15	4.99	2.35	0.13
12.60	4.17	1.72	0.63	15.20	4.99	2.36	0.13
12.65	4.20	1.75	0.58	15.25	5.00	2.37	0.13
12.70	4.24	1.77	0.56	15.30	5.01	2.37	0.13
12.75	4.27	1.80	0.54	15.35	5.02	2.38	0.13
12.80	4.30	1.82	0.51	15.40	5.03	2.38	0.13
12.85	4.33	1.85	0.49	15.45	5.03	2.39	0.13
12.90	4.36	1.87	0.47	15.50	5.04	2.40	0.13
12.95	4.39	1.89	0.44	15.55	5.05	2.40	0.13

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.13	18.20	5.37	2.66	0.08
15.65	5.06	2.41	0.12	18.25	5.37	2.67	0.08
15.70	5.07	2.42	0.12	18.30	5.38	2.67	0.08
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.08
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.08
15.85	5.09	2.44	0.12	18.45	5.39	2.68	0.08
15.90	5.10	2.44	0.12	18.50	5.40	2.68	0.08
15.95	5.11	2.45	0.12	18.55	5.40	2.69	0.08
16.00	5.11	2.46	0.12	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.12	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.12	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.12	18.75	5.42	2.70	0.08
16.20	5.14	2.48	0.11	18.80	5.42	2.71	0.08
16.25	5.15	2.48	0.11	18.85	5.43	2.71	0.08
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.08
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.08
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.11	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.11	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.11	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.11	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.11	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.11	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.10	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.10	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.10	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.10	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.10	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.10	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.10	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.10	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.09	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.09	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.09	20.25	5.55	2.81	0.07
17.70	5.32	2.62	0.09	20.30	5.55	2.81	0.07
17.75	5.33	2.63	0.09	20.35	5.55	2.81	0.07
17.80	5.33	2.63	0.08	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.08	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.07
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.08	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.07	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.06
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.06
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.04
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.01
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 36BI: PDA-36B (impervious)

Runoff = 7.40 cfs @ 12.10 hrs, Volume= 0.534 af, Depth= 5.57"
 Routed to Pond B-36B : Basin #36B

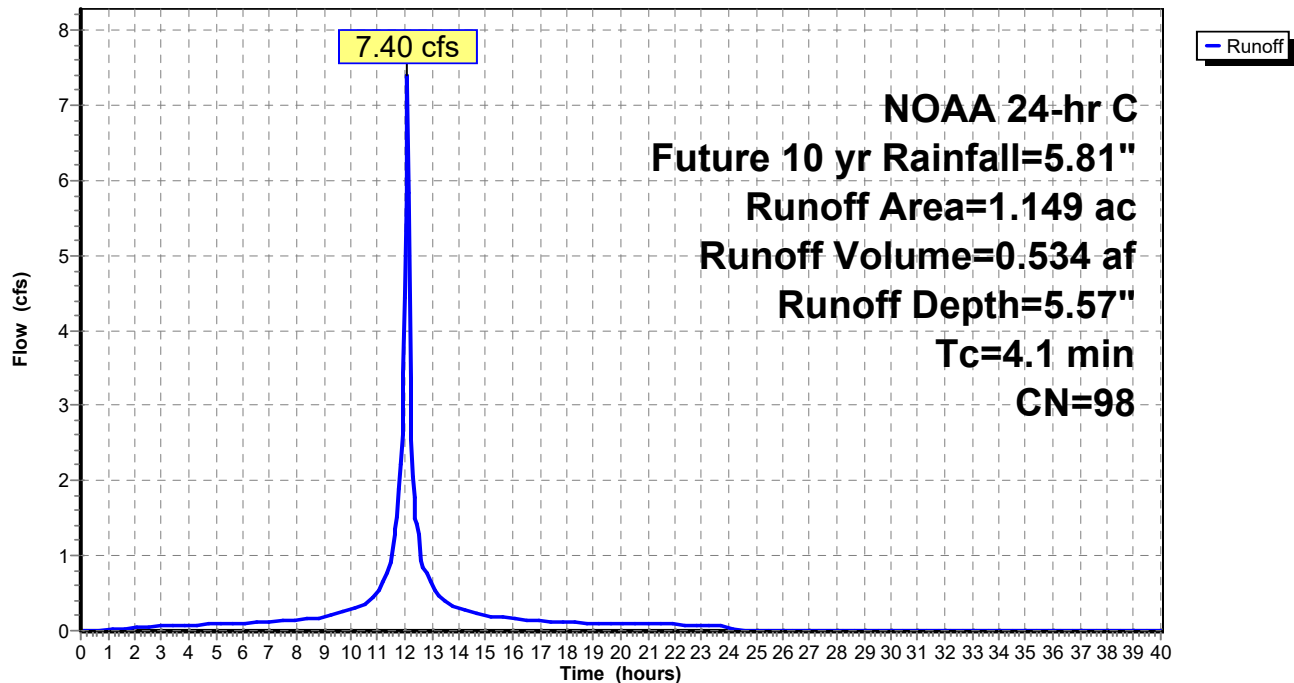
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.069	98	Concrete, HSC C
1.149	98	Weighted Average
1.149		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 36BI: PDA-36B (impervious)

Hydrograph



Hydrograph for Subcatchment 36BI: PDA-36B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.05
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.05
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.06
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.06
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.06
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.06
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.06
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.06
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.06
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.06
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.06
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.06
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.06
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.06
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.06
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.07
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.07
0.85	0.05	0.00	0.01	3.45	0.24	0.10	0.07
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.07
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.07
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.07
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.07
1.10	0.07	0.00	0.02	3.70	0.26	0.11	0.07
1.15	0.07	0.00	0.02	3.75	0.26	0.12	0.07
1.20	0.08	0.01	0.02	3.80	0.27	0.12	0.07
1.25	0.08	0.01	0.02	3.85	0.27	0.12	0.07
1.30	0.08	0.01	0.02	3.90	0.28	0.13	0.07
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.07
1.40	0.09	0.01	0.03	4.00	0.28	0.13	0.07
1.45	0.09	0.01	0.03	4.05	0.29	0.14	0.08
1.50	0.10	0.01	0.03	4.10	0.29	0.14	0.08
1.55	0.10	0.01	0.03	4.15	0.30	0.14	0.08
1.60	0.10	0.01	0.03	4.20	0.30	0.15	0.08
1.65	0.11	0.02	0.03	4.25	0.31	0.15	0.08
1.70	0.11	0.02	0.03	4.30	0.31	0.15	0.08
1.75	0.11	0.02	0.04	4.35	0.31	0.16	0.08
1.80	0.12	0.02	0.04	4.40	0.32	0.16	0.08
1.85	0.12	0.02	0.04	4.45	0.32	0.16	0.08
1.90	0.12	0.02	0.04	4.50	0.33	0.17	0.08
1.95	0.13	0.03	0.04	4.55	0.33	0.17	0.08
2.00	0.13	0.03	0.04	4.60	0.33	0.17	0.08
2.05	0.13	0.03	0.04	4.65	0.34	0.18	0.08
2.10	0.14	0.03	0.04	4.70	0.34	0.18	0.08
2.15	0.14	0.03	0.04	4.75	0.35	0.18	0.08
2.20	0.15	0.04	0.05	4.80	0.35	0.19	0.08
2.25	0.15	0.04	0.05	4.85	0.36	0.19	0.08
2.30	0.15	0.04	0.05	4.90	0.36	0.20	0.09
2.35	0.16	0.04	0.05	4.95	0.37	0.20	0.09
2.40	0.16	0.04	0.05	5.00	0.37	0.20	0.09
2.45	0.16	0.05	0.05	5.05	0.37	0.21	0.09
2.50	0.17	0.05	0.05	5.10	0.38	0.21	0.09
2.55	0.17	0.05	0.05	5.15	0.38	0.21	0.09

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.09	7.80	0.67	0.47	0.15
5.25	0.39	0.22	0.09	7.85	0.68	0.48	0.15
5.30	0.40	0.23	0.09	7.90	0.68	0.49	0.15
5.35	0.40	0.23	0.09	7.95	0.69	0.49	0.15
5.40	0.41	0.23	0.09	8.00	0.70	0.50	0.15
5.45	0.41	0.24	0.09	8.05	0.70	0.51	0.15
5.50	0.41	0.24	0.09	8.10	0.71	0.51	0.15
5.55	0.42	0.25	0.09	8.15	0.72	0.52	0.16
5.60	0.42	0.25	0.09	8.20	0.72	0.53	0.16
5.65	0.43	0.25	0.09	8.25	0.73	0.53	0.16
5.70	0.43	0.26	0.09	8.30	0.74	0.54	0.16
5.75	0.44	0.26	0.09	8.35	0.75	0.55	0.16
5.80	0.44	0.27	0.09	8.40	0.75	0.55	0.16
5.85	0.45	0.27	0.10	8.45	0.76	0.56	0.16
5.90	0.45	0.27	0.10	8.50	0.77	0.57	0.17
5.95	0.46	0.28	0.10	8.55	0.78	0.58	0.17
6.00	0.46	0.28	0.10	8.60	0.78	0.58	0.17
6.05	0.47	0.29	0.10	8.65	0.79	0.59	0.17
6.10	0.47	0.29	0.10	8.70	0.80	0.60	0.17
6.15	0.47	0.30	0.10	8.75	0.81	0.61	0.17
6.20	0.48	0.30	0.10	8.80	0.82	0.61	0.17
6.25	0.48	0.30	0.10	8.85	0.82	0.62	0.18
6.30	0.49	0.31	0.10	8.90	0.83	0.63	0.18
6.35	0.50	0.31	0.11	8.95	0.84	0.64	0.18
6.40	0.50	0.32	0.11	9.00	0.85	0.64	0.18
6.45	0.51	0.32	0.11	9.05	0.86	0.65	0.18
6.50	0.51	0.33	0.11	9.10	0.87	0.66	0.19
6.55	0.52	0.33	0.11	9.15	0.87	0.67	0.19
6.60	0.52	0.34	0.11	9.20	0.88	0.68	0.20
6.65	0.53	0.34	0.11	9.25	0.89	0.69	0.20
6.70	0.53	0.35	0.12	9.30	0.90	0.70	0.21
6.75	0.54	0.35	0.12	9.35	0.91	0.71	0.21
6.80	0.54	0.36	0.12	9.40	0.92	0.72	0.22
6.85	0.55	0.36	0.12	9.45	0.93	0.73	0.22
6.90	0.56	0.37	0.12	9.50	0.94	0.74	0.23
6.95	0.56	0.37	0.12	9.55	0.95	0.75	0.23
7.00	0.57	0.38	0.12	9.60	0.96	0.76	0.24
7.05	0.57	0.38	0.13	9.65	0.98	0.77	0.24
7.10	0.58	0.39	0.13	9.70	0.99	0.78	0.25
7.15	0.58	0.40	0.13	9.75	1.00	0.79	0.25
7.20	0.59	0.40	0.13	9.80	1.01	0.80	0.26
7.25	0.60	0.41	0.13	9.85	1.02	0.81	0.26
7.30	0.60	0.41	0.13	9.90	1.03	0.82	0.27
7.35	0.61	0.42	0.13	9.95	1.05	0.84	0.28
7.40	0.62	0.42	0.14	10.00	1.06	0.85	0.28
7.45	0.62	0.43	0.14	10.05	1.07	0.86	0.28
7.50	0.63	0.44	0.14	10.10	1.09	0.87	0.29
7.55	0.64	0.44	0.14	10.15	1.10	0.89	0.30
7.60	0.64	0.45	0.14	10.20	1.11	0.90	0.30
7.65	0.65	0.45	0.14	10.25	1.13	0.91	0.31
7.70	0.65	0.46	0.14	10.30	1.14	0.93	0.31
7.75	0.66	0.47	0.15	10.35	1.15	0.94	0.32

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.32	13.00	4.42	4.18	0.61
10.45	1.18	0.97	0.33	13.05	4.44	4.20	0.58
10.50	1.20	0.98	0.33	13.10	4.46	4.23	0.54
10.55	1.21	1.00	0.35	13.15	4.48	4.25	0.52
10.60	1.23	1.02	0.37	13.20	4.50	4.27	0.50
10.65	1.25	1.03	0.38	13.25	4.52	4.29	0.48
10.70	1.27	1.05	0.40	13.30	4.54	4.31	0.46
10.75	1.29	1.07	0.42	13.35	4.56	4.33	0.44
10.80	1.31	1.09	0.44	13.40	4.58	4.34	0.42
10.85	1.33	1.11	0.46	13.45	4.60	4.36	0.40
10.90	1.35	1.13	0.48	13.50	4.61	4.38	0.38
10.95	1.37	1.15	0.50	13.55	4.63	4.39	0.36
11.00	1.39	1.18	0.52	13.60	4.64	4.41	0.34
11.05	1.42	1.20	0.55	13.65	4.66	4.42	0.34
11.10	1.45	1.23	0.59	13.70	4.67	4.43	0.33
11.15	1.48	1.26	0.62	13.75	4.68	4.45	0.33
11.20	1.51	1.29	0.66	13.80	4.70	4.46	0.32
11.25	1.54	1.32	0.69	13.85	4.71	4.48	0.32
11.30	1.57	1.35	0.73	13.90	4.72	4.49	0.31
11.35	1.61	1.38	0.77	13.95	4.74	4.50	0.31
11.40	1.64	1.42	0.80	14.00	4.75	4.51	0.30
11.45	1.68	1.46	0.83	14.05	4.76	4.53	0.30
11.50	1.72	1.49	0.86	14.10	4.78	4.54	0.29
11.55	1.78	1.55	1.05	14.15	4.79	4.55	0.29
11.60	1.83	1.61	1.29	14.20	4.80	4.56	0.28
11.65	1.90	1.67	1.36	14.25	4.81	4.57	0.28
11.70	1.96	1.73	1.41	14.30	4.82	4.59	0.27
11.75	2.04	1.82	1.62	14.35	4.83	4.60	0.27
11.80	2.13	1.90	1.88	14.40	4.85	4.61	0.26
11.85	2.25	2.02	2.22	14.45	4.86	4.62	0.26
11.90	2.36	2.13	2.62	14.50	4.87	4.63	0.25
11.95	2.57	2.34	3.43	14.55	4.88	4.64	0.25
12.00	2.77	2.54	4.45	14.60	4.89	4.65	0.24
12.05	3.11	2.88	5.82	14.65	4.90	4.66	0.24
12.10	3.45	3.21	7.40	14.70	4.91	4.67	0.23
12.15	3.56	3.33	5.84	14.75	4.92	4.68	0.23
12.20	3.68	3.45	3.35	14.80	4.93	4.69	0.22
12.25	3.77	3.53	2.54	14.85	4.94	4.70	0.22
12.30	3.85	3.62	2.06	14.90	4.94	4.71	0.21
12.35	3.91	3.68	1.78	14.95	4.95	4.72	0.20
12.40	3.98	3.74	1.50	15.00	4.96	4.72	0.20
12.45	4.03	3.80	1.41	15.05	4.97	4.73	0.19
12.50	4.09	3.86	1.37	15.10	4.98	4.74	0.19
12.55	4.13	3.90	1.18	15.15	4.99	4.75	0.19
12.60	4.17	3.93	0.94	15.20	4.99	4.76	0.19
12.65	4.20	3.97	0.87	15.25	5.00	4.76	0.18
12.70	4.24	4.00	0.83	15.30	5.01	4.77	0.18
12.75	4.27	4.04	0.80	15.35	5.02	4.78	0.18
12.80	4.30	4.07	0.76	15.40	5.03	4.79	0.18
12.85	4.33	4.10	0.72	15.45	5.03	4.80	0.18
12.90	4.36	4.13	0.69	15.50	5.04	4.80	0.18
12.95	4.39	4.15	0.65	15.55	5.05	4.81	0.18

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.18	18.20	5.37	5.13	0.11
15.65	5.06	4.83	0.17	18.25	5.37	5.14	0.11
15.70	5.07	4.83	0.17	18.30	5.38	5.14	0.11
15.75	5.08	4.84	0.17	18.35	5.38	5.14	0.11
15.80	5.09	4.85	0.17	18.40	5.39	5.15	0.11
15.85	5.09	4.86	0.17	18.45	5.39	5.15	0.11
15.90	5.10	4.86	0.17	18.50	5.40	5.16	0.11
15.95	5.11	4.87	0.17	18.55	5.40	5.16	0.11
16.00	5.11	4.88	0.16	18.60	5.40	5.17	0.10
16.05	5.12	4.88	0.16	18.65	5.41	5.17	0.10
16.10	5.13	4.89	0.16	18.70	5.41	5.18	0.10
16.15	5.13	4.90	0.16	18.75	5.42	5.18	0.10
16.20	5.14	4.90	0.16	18.80	5.42	5.19	0.10
16.25	5.15	4.91	0.16	18.85	5.43	5.19	0.10
16.30	5.16	4.92	0.16	18.90	5.43	5.19	0.10
16.35	5.16	4.92	0.16	18.95	5.44	5.20	0.10
16.40	5.17	4.93	0.15	19.00	5.44	5.20	0.10
16.45	5.17	4.94	0.15	19.05	5.44	5.21	0.10
16.50	5.18	4.94	0.15	19.10	5.45	5.21	0.10
16.55	5.19	4.95	0.15	19.15	5.45	5.22	0.10
16.60	5.19	4.96	0.15	19.20	5.46	5.22	0.10
16.65	5.20	4.96	0.15	19.25	5.46	5.22	0.10
16.70	5.21	4.97	0.15	19.30	5.47	5.23	0.10
16.75	5.21	4.98	0.14	19.35	5.47	5.23	0.10
16.80	5.22	4.98	0.14	19.40	5.48	5.24	0.10
16.85	5.23	4.99	0.14	19.45	5.48	5.24	0.10
16.90	5.23	4.99	0.14	19.50	5.48	5.25	0.10
16.95	5.24	5.00	0.14	19.55	5.49	5.25	0.10
17.00	5.24	5.01	0.14	19.60	5.49	5.25	0.10
17.05	5.25	5.01	0.14	19.65	5.50	5.26	0.10
17.10	5.25	5.02	0.14	19.70	5.50	5.26	0.10
17.15	5.26	5.02	0.13	19.75	5.50	5.27	0.10
17.20	5.27	5.03	0.13	19.80	5.51	5.27	0.10
17.25	5.27	5.03	0.13	19.85	5.51	5.28	0.10
17.30	5.28	5.04	0.13	19.90	5.52	5.28	0.10
17.35	5.28	5.05	0.13	19.95	5.52	5.28	0.10
17.40	5.29	5.05	0.13	20.00	5.53	5.29	0.10
17.45	5.29	5.06	0.13	20.05	5.53	5.29	0.10
17.50	5.30	5.06	0.12	20.10	5.53	5.30	0.09
17.55	5.30	5.07	0.12	20.15	5.54	5.30	0.09
17.60	5.31	5.07	0.12	20.20	5.54	5.30	0.09
17.65	5.31	5.08	0.12	20.25	5.55	5.31	0.09
17.70	5.32	5.08	0.12	20.30	5.55	5.31	0.09
17.75	5.33	5.09	0.12	20.35	5.55	5.32	0.09
17.80	5.33	5.09	0.12	20.40	5.56	5.32	0.09
17.85	5.34	5.10	0.12	20.45	5.56	5.32	0.09
17.90	5.34	5.10	0.11	20.50	5.57	5.33	0.09
17.95	5.34	5.11	0.11	20.55	5.57	5.33	0.09
18.00	5.35	5.11	0.11	20.60	5.57	5.34	0.09
18.05	5.35	5.12	0.11	20.65	5.58	5.34	0.09
18.10	5.36	5.12	0.11	20.70	5.58	5.34	0.09
18.15	5.36	5.13	0.11	20.75	5.59	5.35	0.09

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.09	23.40	5.77	5.53	0.07
20.85	5.59	5.36	0.09	23.45	5.78	5.54	0.07
20.90	5.60	5.36	0.09	23.50	5.78	5.54	0.07
20.95	5.60	5.36	0.09	23.55	5.78	5.54	0.07
21.00	5.61	5.37	0.09	23.60	5.78	5.55	0.07
21.05	5.61	5.37	0.09	23.65	5.79	5.55	0.07
21.10	5.61	5.37	0.09	23.70	5.79	5.55	0.07
21.15	5.62	5.38	0.09	23.75	5.79	5.56	0.07
21.20	5.62	5.38	0.09	23.80	5.80	5.56	0.07
21.25	5.62	5.39	0.09	23.85	5.80	5.56	0.07
21.30	5.63	5.39	0.09	23.90	5.80	5.56	0.07
21.35	5.63	5.39	0.09	23.95	5.81	5.57	0.08
21.40	5.64	5.40	0.09	24.00	5.81	5.57	0.08
21.45	5.64	5.40	0.09	24.05	5.81	5.57	0.05
21.50	5.64	5.40	0.09	24.10	5.81	5.57	0.01
21.55	5.65	5.41	0.09	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.08	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.08	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.08	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.08	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.08	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.08	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.08	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.08	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.08	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.08	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.08	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.08	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.08	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.08	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.08	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.08	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.08	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.08	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.08	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.08	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.08	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.08	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.08	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.08	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.08	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.08	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.08	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.08	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.08	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.08	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.07	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.07	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.07	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.07	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.07	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.07	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 36BP: PDA-36B (pervious)

Runoff = 5.98 cfs @ 12.08 hrs, Volume= 0.333 af, Depth= 3.03"
 Routed to Pond B-36B : Basin #36B

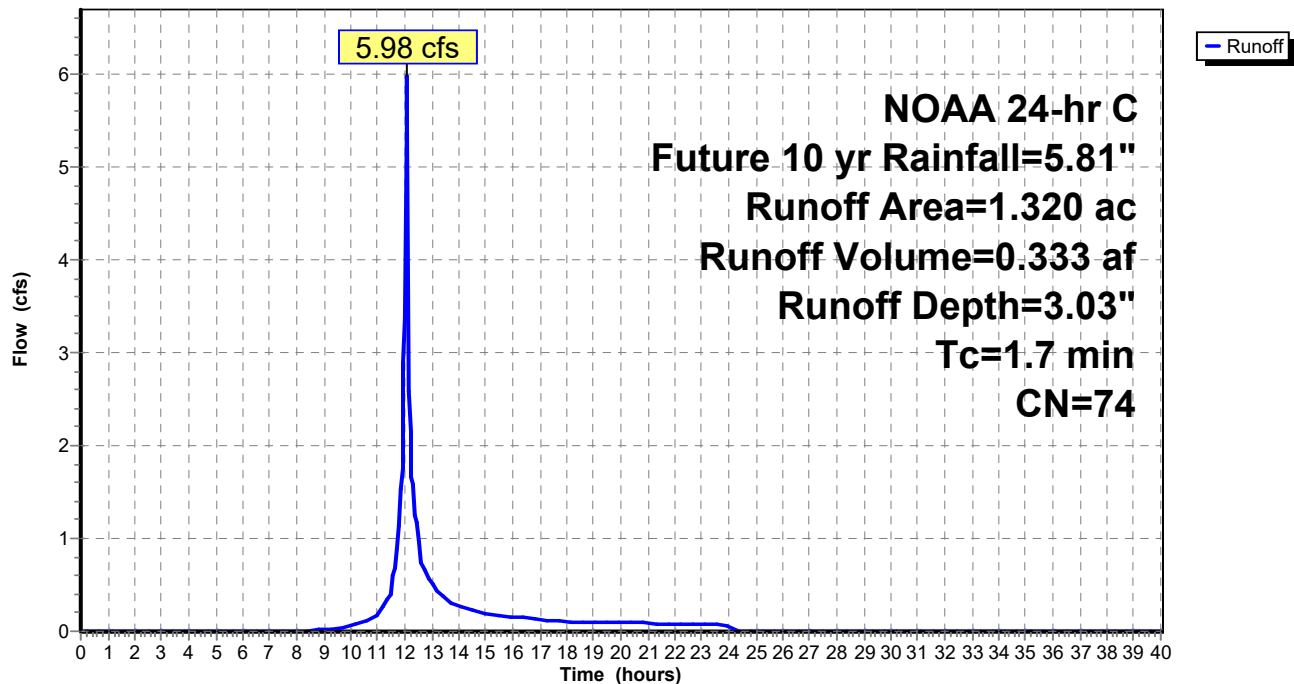
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.320	74	>75% Grass cover, Good, HSG C
1.320		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7					Direct Entry,

Subcatchment 36BP: PDA-36B (pervious)

Hydrograph



Hydrograph for Subcatchment 36BP: PDA-36B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.01
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.01
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.53
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.48
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.47
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.44
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.43
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.41
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.40
10.75	1.29	0.08	0.14	13.35	4.56	2.02	0.37
10.80	1.31	0.09	0.14	13.40	4.58	2.03	0.37
10.85	1.33	0.09	0.16	13.45	4.60	2.05	0.34
10.90	1.35	0.10	0.16	13.50	4.61	2.06	0.33
10.95	1.37	0.11	0.18	13.55	4.63	2.07	0.31
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.30
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.30
11.10	1.45	0.13	0.22	13.70	4.67	2.10	0.29
11.15	1.48	0.14	0.25	13.75	4.68	2.12	0.29
11.20	1.51	0.15	0.26	13.80	4.70	2.13	0.29
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.28
11.30	1.57	0.17	0.31	13.90	4.72	2.15	0.28
11.35	1.61	0.18	0.34	13.95	4.74	2.16	0.27
11.40	1.64	0.20	0.35	14.00	4.75	2.17	0.27
11.45	1.68	0.21	0.38	14.05	4.76	2.18	0.26
11.50	1.72	0.23	0.41	14.10	4.78	2.19	0.26
11.55	1.78	0.25	0.61	14.15	4.79	2.20	0.25
11.60	1.83	0.28	0.66	14.20	4.80	2.21	0.25
11.65	1.90	0.30	0.71	14.25	4.81	2.21	0.24
11.70	1.96	0.33	0.76	14.30	4.82	2.22	0.24
11.75	2.04	0.37	1.02	14.35	4.83	2.23	0.24
11.80	2.13	0.41	1.13	14.40	4.85	2.24	0.23
11.85	2.25	0.47	1.54	14.45	4.86	2.25	0.23
11.90	2.36	0.53	1.75	14.50	4.87	2.26	0.23
11.95	2.57	0.65	2.88	14.55	4.88	2.27	0.22
12.00	2.77	0.77	3.36	14.60	4.89	2.27	0.22
12.05	3.11	0.98	5.41	14.65	4.90	2.28	0.21
12.10	3.45	1.20	5.68	14.70	4.91	2.29	0.21
12.15	3.56	1.28	2.58	14.75	4.92	2.30	0.20
12.20	3.68	1.37	2.15	14.80	4.93	2.31	0.20
12.25	3.77	1.43	1.67	14.85	4.94	2.31	0.19
12.30	3.85	1.49	1.59	14.90	4.94	2.32	0.19
12.35	3.91	1.53	1.24	14.95	4.95	2.33	0.18
12.40	3.98	1.58	1.20	15.00	4.96	2.33	0.18
12.45	4.03	1.62	1.15	15.05	4.97	2.34	0.17
12.50	4.09	1.67	1.12	15.10	4.98	2.35	0.17
12.55	4.13	1.69	0.79	15.15	4.99	2.35	0.17
12.60	4.17	1.72	0.75	15.20	4.99	2.36	0.17
12.65	4.20	1.75	0.71	15.25	5.00	2.37	0.17
12.70	4.24	1.77	0.70	15.30	5.01	2.37	0.17
12.75	4.27	1.80	0.66	15.35	5.02	2.38	0.17
12.80	4.30	1.82	0.65	15.40	5.03	2.38	0.17
12.85	4.33	1.85	0.60	15.45	5.03	2.39	0.16
12.90	4.36	1.87	0.59	15.50	5.04	2.40	0.16
12.95	4.39	1.89	0.54	15.55	5.05	2.40	0.16

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.16	18.20	5.37	2.66	0.10
15.65	5.06	2.41	0.16	18.25	5.37	2.67	0.10
15.70	5.07	2.42	0.16	18.30	5.38	2.67	0.10
15.75	5.08	2.43	0.16	18.35	5.38	2.67	0.10
15.80	5.09	2.43	0.16	18.40	5.39	2.68	0.10
15.85	5.09	2.44	0.15	18.45	5.39	2.68	0.10
15.90	5.10	2.44	0.15	18.50	5.40	2.68	0.10
15.95	5.11	2.45	0.15	18.55	5.40	2.69	0.10
16.00	5.11	2.46	0.15	18.60	5.40	2.69	0.10
16.05	5.12	2.46	0.15	18.65	5.41	2.69	0.10
16.10	5.13	2.47	0.15	18.70	5.41	2.70	0.10
16.15	5.13	2.47	0.15	18.75	5.42	2.70	0.10
16.20	5.14	2.48	0.15	18.80	5.42	2.71	0.10
16.25	5.15	2.48	0.14	18.85	5.43	2.71	0.10
16.30	5.16	2.49	0.14	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.14	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.14	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.14	19.05	5.44	2.72	0.10
16.50	5.18	2.51	0.14	19.10	5.45	2.73	0.10
16.55	5.19	2.52	0.14	19.15	5.45	2.73	0.10
16.60	5.19	2.52	0.14	19.20	5.46	2.73	0.09
16.65	5.20	2.53	0.14	19.25	5.46	2.74	0.09
16.70	5.21	2.53	0.14	19.30	5.47	2.74	0.09
16.75	5.21	2.54	0.13	19.35	5.47	2.75	0.09
16.80	5.22	2.54	0.13	19.40	5.48	2.75	0.09
16.85	5.23	2.55	0.13	19.45	5.48	2.75	0.09
16.90	5.23	2.55	0.13	19.50	5.48	2.76	0.09
16.95	5.24	2.55	0.13	19.55	5.49	2.76	0.09
17.00	5.24	2.56	0.13	19.60	5.49	2.76	0.09
17.05	5.25	2.56	0.13	19.65	5.50	2.77	0.09
17.10	5.25	2.57	0.13	19.70	5.50	2.77	0.09
17.15	5.26	2.57	0.12	19.75	5.50	2.77	0.09
17.20	5.27	2.58	0.12	19.80	5.51	2.78	0.09
17.25	5.27	2.58	0.12	19.85	5.51	2.78	0.09
17.30	5.28	2.59	0.12	19.90	5.52	2.78	0.09
17.35	5.28	2.59	0.12	19.95	5.52	2.79	0.09
17.40	5.29	2.60	0.12	20.00	5.53	2.79	0.09
17.45	5.29	2.60	0.12	20.05	5.53	2.79	0.09
17.50	5.30	2.61	0.12	20.10	5.53	2.80	0.09
17.55	5.30	2.61	0.11	20.15	5.54	2.80	0.09
17.60	5.31	2.61	0.11	20.20	5.54	2.80	0.09
17.65	5.31	2.62	0.11	20.25	5.55	2.81	0.09
17.70	5.32	2.62	0.11	20.30	5.55	2.81	0.09
17.75	5.33	2.63	0.11	20.35	5.55	2.81	0.09
17.80	5.33	2.63	0.11	20.40	5.56	2.82	0.09
17.85	5.34	2.63	0.11	20.45	5.56	2.82	0.09
17.90	5.34	2.64	0.11	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.10	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.10	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.10	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.10	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.10	20.75	5.59	2.84	0.09

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.09	23.40	5.77	2.99	0.07
20.85	5.59	2.85	0.08	23.45	5.78	3.00	0.07
20.90	5.60	2.85	0.08	23.50	5.78	3.00	0.07
20.95	5.60	2.85	0.08	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.08	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.08	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.08	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.08	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.08	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.08	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.08	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.08	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.08	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.08	24.05	5.81	3.03	0.01
21.50	5.64	2.89	0.08	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.08	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.08	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.08	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.08	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.08	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.08	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.08	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.08	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.08	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.08	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.08	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.07	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.07	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.07	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.07	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.07	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.07	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.07	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.07	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.07	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.07	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.07	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.07	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.07	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.07	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.07	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 37A1: PDA-37B (impervious)

Runoff = 5.82 cfs @ 12.07 hrs, Volume= 0.397 af, Depth= 5.57"
 Routed to Pond B-37A : Basin #37A

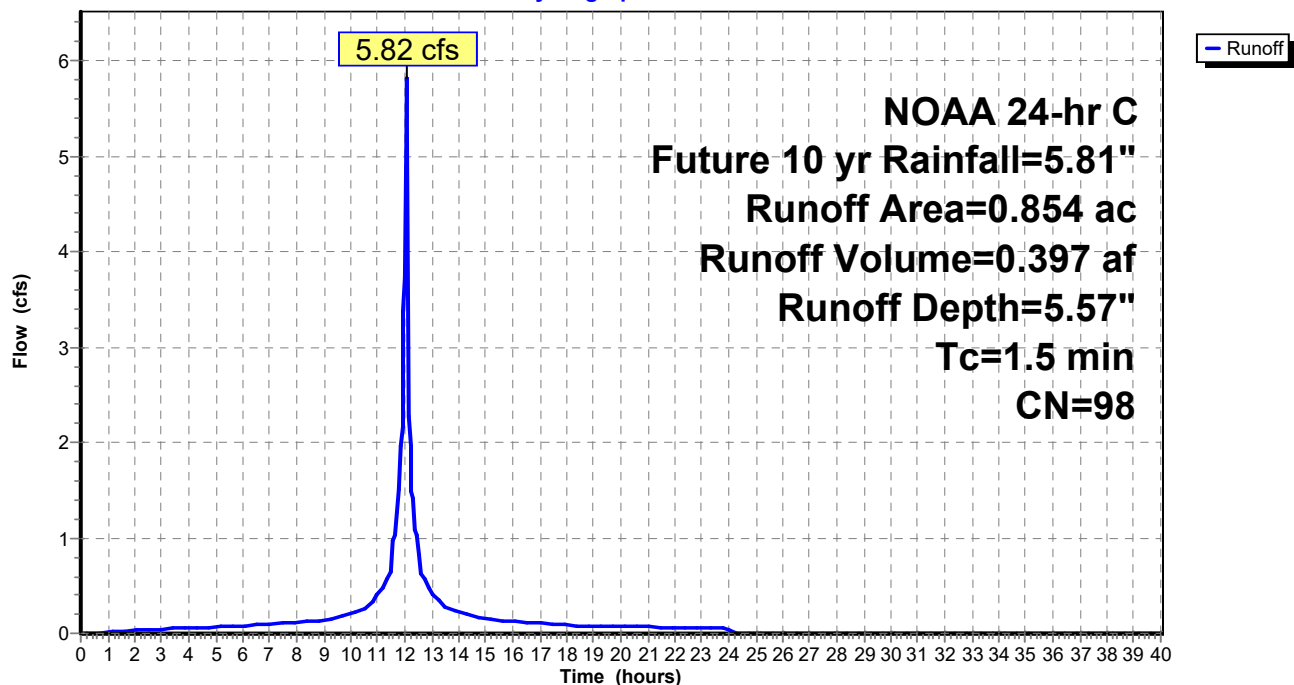
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.673	98	Pavement, HSG C
* 0.181	98	Concrete, HSC C
0.854	98	Weighted Average
0.854		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.5					Direct Entry,

Subcatchment 37A1: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37A1: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.04
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.04
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.04
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.04
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.04
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.04
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.04
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.04
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.05
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.05
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.05
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.05
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.05
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.05
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.05
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.05
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.05
0.85	0.05	0.00	0.01	3.45	0.24	0.10	0.05
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.05
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.05
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.05
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.05
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.05
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.05
1.20	0.08	0.01	0.02	3.80	0.27	0.12	0.05
1.25	0.08	0.01	0.02	3.85	0.27	0.12	0.05
1.30	0.08	0.01	0.02	3.90	0.28	0.13	0.05
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.06
1.40	0.09	0.01	0.02	4.00	0.28	0.13	0.06
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.06
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.06
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.06
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.06
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.06
1.70	0.11	0.02	0.03	4.30	0.31	0.15	0.06
1.75	0.11	0.02	0.03	4.35	0.31	0.16	0.06
1.80	0.12	0.02	0.03	4.40	0.32	0.16	0.06
1.85	0.12	0.02	0.03	4.45	0.32	0.16	0.06
1.90	0.12	0.02	0.03	4.50	0.33	0.17	0.06
1.95	0.13	0.03	0.03	4.55	0.33	0.17	0.06
2.00	0.13	0.03	0.03	4.60	0.33	0.17	0.06
2.05	0.13	0.03	0.03	4.65	0.34	0.18	0.06
2.10	0.14	0.03	0.03	4.70	0.34	0.18	0.06
2.15	0.14	0.03	0.03	4.75	0.35	0.18	0.06
2.20	0.15	0.04	0.03	4.80	0.35	0.19	0.06
2.25	0.15	0.04	0.04	4.85	0.36	0.19	0.06
2.30	0.15	0.04	0.04	4.90	0.36	0.20	0.06
2.35	0.16	0.04	0.04	4.95	0.37	0.20	0.06
2.40	0.16	0.04	0.04	5.00	0.37	0.20	0.06
2.45	0.16	0.05	0.04	5.05	0.37	0.21	0.06
2.50	0.17	0.05	0.04	5.10	0.38	0.21	0.07
2.55	0.17	0.05	0.04	5.15	0.38	0.21	0.07

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.11
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.11
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.11
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.11
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.11
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.12
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.12
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.12
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.12
5.70	0.43	0.26	0.07	8.30	0.74	0.54	0.12
5.75	0.44	0.26	0.07	8.35	0.75	0.55	0.12
5.80	0.44	0.27	0.07	8.40	0.75	0.55	0.12
5.85	0.45	0.27	0.07	8.45	0.76	0.56	0.12
5.90	0.45	0.27	0.07	8.50	0.77	0.57	0.12
5.95	0.46	0.28	0.07	8.55	0.78	0.58	0.13
6.00	0.46	0.28	0.07	8.60	0.78	0.58	0.13
6.05	0.47	0.29	0.07	8.65	0.79	0.59	0.13
6.10	0.47	0.29	0.07	8.70	0.80	0.60	0.13
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.13
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.13
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.13
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.13
6.35	0.50	0.31	0.08	8.95	0.84	0.64	0.13
6.40	0.50	0.32	0.08	9.00	0.85	0.64	0.14
6.45	0.51	0.32	0.08	9.05	0.86	0.65	0.14
6.50	0.51	0.33	0.08	9.10	0.87	0.66	0.14
6.55	0.52	0.33	0.08	9.15	0.87	0.67	0.15
6.60	0.52	0.34	0.08	9.20	0.88	0.68	0.15
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.16
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.16
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.16
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.16
6.85	0.55	0.36	0.09	9.45	0.93	0.73	0.17
6.90	0.56	0.37	0.09	9.50	0.94	0.74	0.17
6.95	0.56	0.37	0.09	9.55	0.95	0.75	0.18
7.00	0.57	0.38	0.09	9.60	0.96	0.76	0.18
7.05	0.57	0.38	0.09	9.65	0.98	0.77	0.19
7.10	0.58	0.39	0.09	9.70	0.99	0.78	0.19
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.19
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.19
7.25	0.60	0.41	0.10	9.85	1.02	0.81	0.20
7.30	0.60	0.41	0.10	9.90	1.03	0.82	0.20
7.35	0.61	0.42	0.10	9.95	1.05	0.84	0.21
7.40	0.62	0.42	0.10	10.00	1.06	0.85	0.21
7.45	0.62	0.43	0.10	10.05	1.07	0.86	0.22
7.50	0.63	0.44	0.10	10.10	1.09	0.87	0.22
7.55	0.64	0.44	0.10	10.15	1.10	0.89	0.22
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.23
7.65	0.65	0.45	0.11	10.25	1.13	0.91	0.23
7.70	0.65	0.46	0.11	10.30	1.14	0.93	0.23
7.75	0.66	0.47	0.11	10.35	1.15	0.94	0.24

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.24	13.00	4.42	4.18	0.44
10.45	1.18	0.97	0.25	13.05	4.44	4.20	0.40
10.50	1.20	0.98	0.25	13.10	4.46	4.23	0.39
10.55	1.21	1.00	0.27	13.15	4.48	4.25	0.37
10.60	1.23	1.02	0.28	13.20	4.50	4.27	0.36
10.65	1.25	1.03	0.30	13.25	4.52	4.29	0.34
10.70	1.27	1.05	0.31	13.30	4.54	4.31	0.34
10.75	1.29	1.07	0.33	13.35	4.56	4.33	0.31
10.80	1.31	1.09	0.34	13.40	4.58	4.34	0.31
10.85	1.33	1.11	0.36	13.45	4.60	4.36	0.28
10.90	1.35	1.13	0.36	13.50	4.61	4.38	0.28
10.95	1.37	1.15	0.39	13.55	4.63	4.39	0.25
11.00	1.39	1.18	0.40	13.60	4.64	4.41	0.25
11.05	1.42	1.20	0.44	13.65	4.66	4.42	0.25
11.10	1.45	1.23	0.45	13.70	4.67	4.43	0.24
11.15	1.48	1.26	0.49	13.75	4.68	4.45	0.24
11.20	1.51	1.29	0.50	13.80	4.70	4.46	0.24
11.25	1.54	1.32	0.55	13.85	4.71	4.48	0.23
11.30	1.57	1.35	0.56	13.90	4.72	4.49	0.23
11.35	1.61	1.38	0.60	13.95	4.74	4.50	0.22
11.40	1.64	1.42	0.61	14.00	4.75	4.51	0.22
11.45	1.68	1.46	0.64	14.05	4.76	4.53	0.22
11.50	1.72	1.49	0.68	14.10	4.78	4.54	0.21
11.55	1.78	1.55	0.98	14.15	4.79	4.55	0.21
11.60	1.83	1.61	1.01	14.20	4.80	4.56	0.21
11.65	1.90	1.67	1.05	14.25	4.81	4.57	0.20
11.70	1.96	1.73	1.10	14.30	4.82	4.59	0.20
11.75	2.04	1.82	1.42	14.35	4.83	4.60	0.19
11.80	2.13	1.90	1.51	14.40	4.85	4.61	0.19
11.85	2.25	2.02	1.97	14.45	4.86	4.62	0.19
11.90	2.36	2.13	2.17	14.50	4.87	4.63	0.18
11.95	2.57	2.34	3.38	14.55	4.88	4.64	0.18
12.00	2.77	2.54	3.73	14.60	4.89	4.65	0.18
12.05	3.11	2.88	5.65	14.65	4.90	4.66	0.17
12.10	3.45	3.21	5.42	14.70	4.91	4.67	0.17
12.15	3.56	3.33	2.28	14.75	4.92	4.68	0.16
12.20	3.68	3.45	1.96	14.80	4.93	4.69	0.16
12.25	3.77	3.53	1.49	14.85	4.94	4.70	0.16
12.30	3.85	3.62	1.41	14.90	4.94	4.71	0.15
12.35	3.91	3.68	1.09	14.95	4.95	4.72	0.15
12.40	3.98	3.74	1.06	15.00	4.96	4.72	0.15
12.45	4.03	3.80	1.01	15.05	4.97	4.73	0.14
12.50	4.09	3.86	0.97	15.10	4.98	4.74	0.14
12.55	4.13	3.90	0.68	15.15	4.99	4.75	0.14
12.60	4.17	3.93	0.65	15.20	4.99	4.76	0.14
12.65	4.20	3.97	0.61	15.25	5.00	4.76	0.14
12.70	4.24	4.00	0.60	15.30	5.01	4.77	0.14
12.75	4.27	4.04	0.56	15.35	5.02	4.78	0.13
12.80	4.30	4.07	0.55	15.40	5.03	4.79	0.13
12.85	4.33	4.10	0.51	15.45	5.03	4.80	0.13
12.90	4.36	4.13	0.50	15.50	5.04	4.80	0.13
12.95	4.39	4.15	0.45	15.55	5.05	4.81	0.13

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.13	18.20	5.37	5.13	0.08
15.65	5.06	4.83	0.13	18.25	5.37	5.14	0.08
15.70	5.07	4.83	0.13	18.30	5.38	5.14	0.08
15.75	5.08	4.84	0.13	18.35	5.38	5.14	0.08
15.80	5.09	4.85	0.13	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.12	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.12	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.12	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.12	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.12	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.12	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.12	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.12	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.12	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.11	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.11	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.11	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.11	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.11	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.11	19.20	5.46	5.22	0.07
16.65	5.20	4.96	0.11	19.25	5.46	5.22	0.07
16.70	5.21	4.97	0.11	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.07
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.07
16.85	5.23	4.99	0.10	19.45	5.48	5.24	0.07
16.90	5.23	4.99	0.10	19.50	5.48	5.25	0.07
16.95	5.24	5.00	0.10	19.55	5.49	5.25	0.07
17.00	5.24	5.01	0.10	19.60	5.49	5.25	0.07
17.05	5.25	5.01	0.10	19.65	5.50	5.26	0.07
17.10	5.25	5.02	0.10	19.70	5.50	5.26	0.07
17.15	5.26	5.02	0.10	19.75	5.50	5.27	0.07
17.20	5.27	5.03	0.10	19.80	5.51	5.27	0.07
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.07
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.07
17.35	5.28	5.05	0.09	19.95	5.52	5.28	0.07
17.40	5.29	5.05	0.09	20.00	5.53	5.29	0.07
17.45	5.29	5.06	0.09	20.05	5.53	5.29	0.07
17.50	5.30	5.06	0.09	20.10	5.53	5.30	0.07
17.55	5.30	5.07	0.09	20.15	5.54	5.30	0.07
17.60	5.31	5.07	0.09	20.20	5.54	5.30	0.07
17.65	5.31	5.08	0.09	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.09	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.08	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.08	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.08	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.08	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.08	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.08	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.08	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.06
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.06	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.06	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.06	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.06	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.06	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.06	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.06	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.06	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.06	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.06	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.06	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 37AP: PDA-37A (pervious)

Runoff = 4.92 cfs @ 12.14 hrs, Volume= 0.328 af, Depth= 3.03"
 Routed to Pond B-37A : Basin #37A

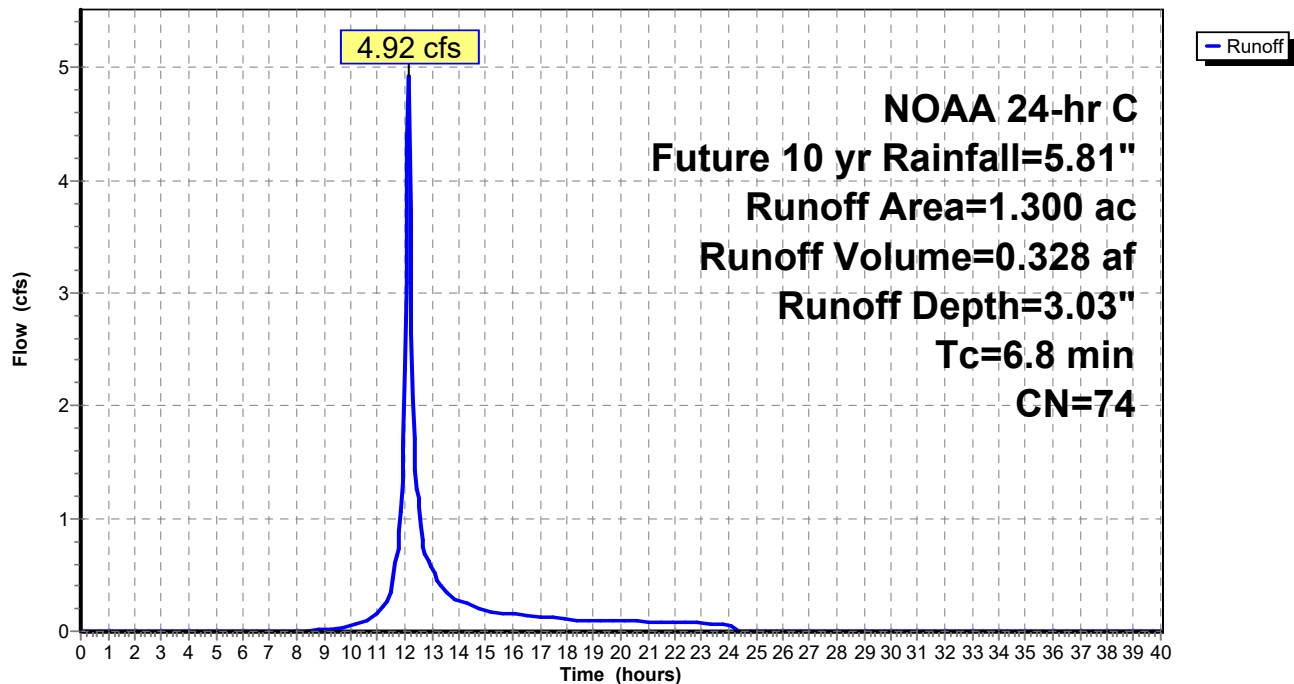
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.300	74	>75% Grass cover, Good, HSG C
1.300		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.8					Direct Entry,

Subcatchment 37AP: PDA-37A (pervious)

Hydrograph



Hydrograph for Subcatchment 37AP: PDA-37A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.05
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.06
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.06
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.07
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.07

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.55
10.45	1.18	0.06	0.08	13.05	4.44	1.93	0.53
10.50	1.20	0.06	0.08	13.10	4.46	1.94	0.49
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.47
10.60	1.23	0.07	0.09	13.20	4.50	1.98	0.45
10.65	1.25	0.07	0.10	13.25	4.52	1.99	0.43
10.70	1.27	0.08	0.11	13.30	4.54	2.01	0.42
10.75	1.29	0.08	0.12	13.35	4.56	2.02	0.40
10.80	1.31	0.09	0.13	13.40	4.58	2.03	0.38
10.85	1.33	0.09	0.14	13.45	4.60	2.05	0.37
10.90	1.35	0.10	0.15	13.50	4.61	2.06	0.35
10.95	1.37	0.11	0.16	13.55	4.63	2.07	0.33
11.00	1.39	0.11	0.17	13.60	4.64	2.08	0.32
11.05	1.42	0.12	0.18	13.65	4.66	2.09	0.30
11.10	1.45	0.13	0.19	13.70	4.67	2.10	0.30
11.15	1.48	0.14	0.21	13.75	4.68	2.12	0.29
11.20	1.51	0.15	0.23	13.80	4.70	2.13	0.29
11.25	1.54	0.16	0.25	13.85	4.71	2.14	0.28
11.30	1.57	0.17	0.27	13.90	4.72	2.15	0.28
11.35	1.61	0.18	0.29	13.95	4.74	2.16	0.27
11.40	1.64	0.20	0.32	14.00	4.75	2.17	0.27
11.45	1.68	0.21	0.34	14.05	4.76	2.18	0.27
11.50	1.72	0.23	0.36	14.10	4.78	2.19	0.26
11.55	1.78	0.25	0.40	14.15	4.79	2.20	0.26
11.60	1.83	0.28	0.51	14.20	4.80	2.21	0.25
11.65	1.90	0.30	0.60	14.25	4.81	2.21	0.25
11.70	1.96	0.33	0.66	14.30	4.82	2.22	0.24
11.75	2.04	0.37	0.74	14.35	4.83	2.23	0.24
11.80	2.13	0.41	0.89	14.40	4.85	2.24	0.24
11.85	2.25	0.47	1.06	14.45	4.86	2.25	0.23
11.90	2.36	0.53	1.32	14.50	4.87	2.26	0.23
11.95	2.57	0.65	1.66	14.55	4.88	2.27	0.22
12.00	2.77	0.77	2.31	14.60	4.89	2.27	0.22
12.05	3.11	0.98	3.09	14.65	4.90	2.28	0.21
12.10	3.45	1.20	4.34	14.70	4.91	2.29	0.21
12.15	3.56	1.28	4.90	14.75	4.92	2.30	0.21
12.20	3.68	1.37	3.73	14.80	4.93	2.31	0.20
12.25	3.77	1.43	2.65	14.85	4.94	2.31	0.20
12.30	3.85	1.49	2.05	14.90	4.94	2.32	0.19
12.35	3.91	1.53	1.70	14.95	4.95	2.33	0.19
12.40	3.98	1.58	1.42	15.00	4.96	2.33	0.18
12.45	4.03	1.62	1.25	15.05	4.97	2.34	0.18
12.50	4.09	1.67	1.18	15.10	4.98	2.35	0.17
12.55	4.13	1.69	1.11	15.15	4.99	2.35	0.17
12.60	4.17	1.72	0.93	15.20	4.99	2.36	0.17
12.65	4.20	1.75	0.80	15.25	5.00	2.37	0.17
12.70	4.24	1.77	0.74	15.30	5.01	2.37	0.17
12.75	4.27	1.80	0.71	15.35	5.02	2.38	0.17
12.80	4.30	1.82	0.67	15.40	5.03	2.38	0.16
12.85	4.33	1.85	0.64	15.45	5.03	2.39	0.16
12.90	4.36	1.87	0.61	15.50	5.04	2.40	0.16
12.95	4.39	1.89	0.59	15.55	5.05	2.40	0.16

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.16	18.20	5.37	2.66	0.10
15.65	5.06	2.41	0.16	18.25	5.37	2.67	0.10
15.70	5.07	2.42	0.16	18.30	5.38	2.67	0.10
15.75	5.08	2.43	0.16	18.35	5.38	2.67	0.10
15.80	5.09	2.43	0.16	18.40	5.39	2.68	0.10
15.85	5.09	2.44	0.15	18.45	5.39	2.68	0.10
15.90	5.10	2.44	0.15	18.50	5.40	2.68	0.10
15.95	5.11	2.45	0.15	18.55	5.40	2.69	0.10
16.00	5.11	2.46	0.15	18.60	5.40	2.69	0.10
16.05	5.12	2.46	0.15	18.65	5.41	2.69	0.10
16.10	5.13	2.47	0.15	18.70	5.41	2.70	0.10
16.15	5.13	2.47	0.15	18.75	5.42	2.70	0.10
16.20	5.14	2.48	0.15	18.80	5.42	2.71	0.10
16.25	5.15	2.48	0.15	18.85	5.43	2.71	0.10
16.30	5.16	2.49	0.14	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.14	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.14	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.14	19.05	5.44	2.72	0.09
16.50	5.18	2.51	0.14	19.10	5.45	2.73	0.09
16.55	5.19	2.52	0.14	19.15	5.45	2.73	0.09
16.60	5.19	2.52	0.14	19.20	5.46	2.73	0.09
16.65	5.20	2.53	0.14	19.25	5.46	2.74	0.09
16.70	5.21	2.53	0.13	19.30	5.47	2.74	0.09
16.75	5.21	2.54	0.13	19.35	5.47	2.75	0.09
16.80	5.22	2.54	0.13	19.40	5.48	2.75	0.09
16.85	5.23	2.55	0.13	19.45	5.48	2.75	0.09
16.90	5.23	2.55	0.13	19.50	5.48	2.76	0.09
16.95	5.24	2.55	0.13	19.55	5.49	2.76	0.09
17.00	5.24	2.56	0.13	19.60	5.49	2.76	0.09
17.05	5.25	2.56	0.13	19.65	5.50	2.77	0.09
17.10	5.25	2.57	0.13	19.70	5.50	2.77	0.09
17.15	5.26	2.57	0.12	19.75	5.50	2.77	0.09
17.20	5.27	2.58	0.12	19.80	5.51	2.78	0.09
17.25	5.27	2.58	0.12	19.85	5.51	2.78	0.09
17.30	5.28	2.59	0.12	19.90	5.52	2.78	0.09
17.35	5.28	2.59	0.12	19.95	5.52	2.79	0.09
17.40	5.29	2.60	0.12	20.00	5.53	2.79	0.09
17.45	5.29	2.60	0.12	20.05	5.53	2.79	0.09
17.50	5.30	2.61	0.12	20.10	5.53	2.80	0.09
17.55	5.30	2.61	0.11	20.15	5.54	2.80	0.09
17.60	5.31	2.61	0.11	20.20	5.54	2.80	0.09
17.65	5.31	2.62	0.11	20.25	5.55	2.81	0.09
17.70	5.32	2.62	0.11	20.30	5.55	2.81	0.09
17.75	5.33	2.63	0.11	20.35	5.55	2.81	0.09
17.80	5.33	2.63	0.11	20.40	5.56	2.82	0.09
17.85	5.34	2.63	0.11	20.45	5.56	2.82	0.09
17.90	5.34	2.64	0.11	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.10	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.10	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.10	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.10	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.10	20.75	5.59	2.84	0.08

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.08	23.40	5.77	2.99	0.07
20.85	5.59	2.85	0.08	23.45	5.78	3.00	0.07
20.90	5.60	2.85	0.08	23.50	5.78	3.00	0.07
20.95	5.60	2.85	0.08	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.08	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.08	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.08	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.08	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.08	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.08	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.08	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.08	23.95	5.81	3.02	0.07
21.40	5.64	2.88	0.08	24.00	5.81	3.03	0.07
21.45	5.64	2.88	0.08	24.05	5.81	3.03	0.07
21.50	5.64	2.89	0.08	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.08	24.15	5.81	3.03	0.01
21.60	5.65	2.89	0.08	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.08	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.08	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.08	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.08	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.08	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.08	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.08	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.08	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.07	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.07	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.07	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.07	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.07	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.07	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.07	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.07	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.07	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.07	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.07	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.07	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.07	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.07	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.07	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.07	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.07	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.07	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.07	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.07	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 37BI: PDA-37B (impervious)

Runoff = 7.99 cfs @ 12.08 hrs, Volume= 0.540 af, Depth= 5.57"
 Routed to Pond B-37B : Basin #37B

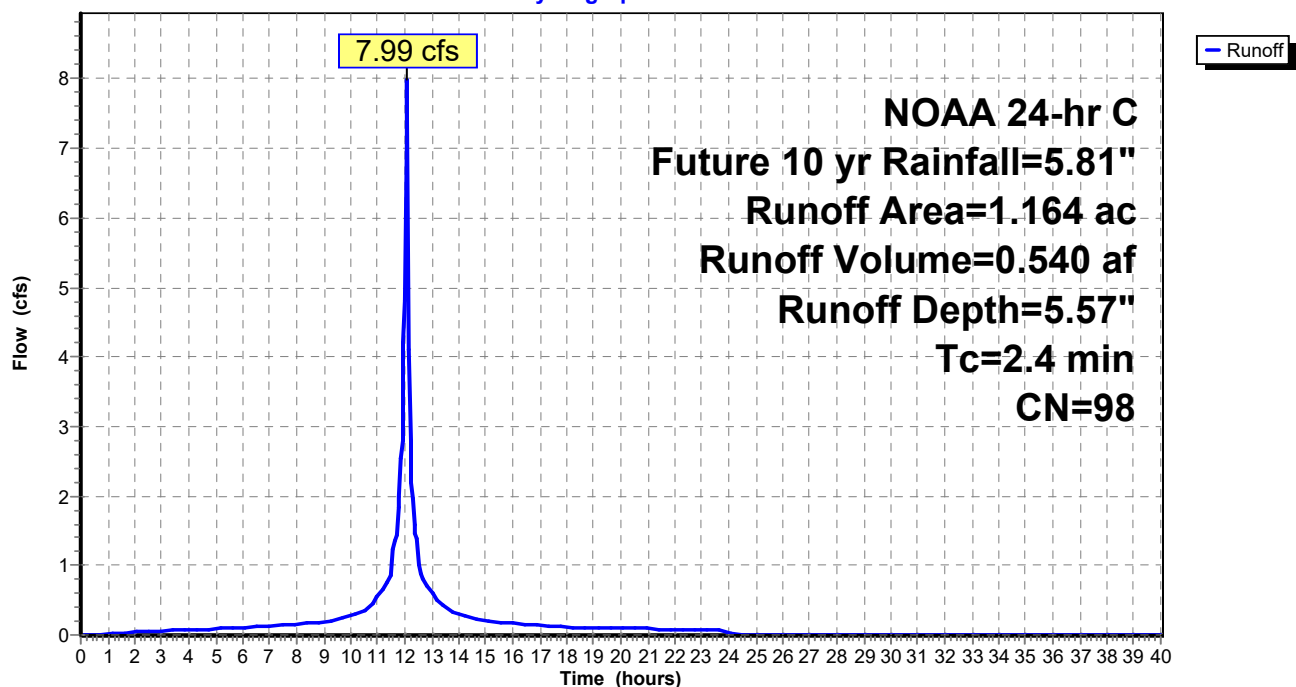
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.806	98	Pavement, HSG C
* 0.079	98	Concrete, HSC C
0.279	98	Unconnected roofs, HSG C
1.164	98	Weighted Average
1.164		100.00% Impervious Area
0.279		23.97% Unconnected

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.4					Direct Entry,

Subcatchment 37BI: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37BI: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.05
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.06
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.06
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.06
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.06
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.06
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.06
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.06
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.06
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.06
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.06
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.06
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.06
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.07
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.07
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.07
0.80	0.05	0.00	0.01	3.40	0.24	0.10	0.07
0.85	0.05	0.00	0.01	3.45	0.24	0.10	0.07
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.07
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.07
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.07
1.05	0.07	0.00	0.02	3.65	0.26	0.11	0.07
1.10	0.07	0.00	0.02	3.70	0.26	0.11	0.07
1.15	0.07	0.00	0.02	3.75	0.26	0.12	0.07
1.20	0.08	0.01	0.02	3.80	0.27	0.12	0.07
1.25	0.08	0.01	0.02	3.85	0.27	0.12	0.07
1.30	0.08	0.01	0.02	3.90	0.28	0.13	0.07
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.08
1.40	0.09	0.01	0.03	4.00	0.28	0.13	0.08
1.45	0.09	0.01	0.03	4.05	0.29	0.14	0.08
1.50	0.10	0.01	0.03	4.10	0.29	0.14	0.08
1.55	0.10	0.01	0.03	4.15	0.30	0.14	0.08
1.60	0.10	0.01	0.03	4.20	0.30	0.15	0.08
1.65	0.11	0.02	0.03	4.25	0.31	0.15	0.08
1.70	0.11	0.02	0.03	4.30	0.31	0.15	0.08
1.75	0.11	0.02	0.04	4.35	0.31	0.16	0.08
1.80	0.12	0.02	0.04	4.40	0.32	0.16	0.08
1.85	0.12	0.02	0.04	4.45	0.32	0.16	0.08
1.90	0.12	0.02	0.04	4.50	0.33	0.17	0.08
1.95	0.13	0.03	0.04	4.55	0.33	0.17	0.08
2.00	0.13	0.03	0.04	4.60	0.33	0.17	0.08
2.05	0.13	0.03	0.04	4.65	0.34	0.18	0.08
2.10	0.14	0.03	0.04	4.70	0.34	0.18	0.08
2.15	0.14	0.03	0.05	4.75	0.35	0.18	0.09
2.20	0.15	0.04	0.05	4.80	0.35	0.19	0.09
2.25	0.15	0.04	0.05	4.85	0.36	0.19	0.09
2.30	0.15	0.04	0.05	4.90	0.36	0.20	0.09
2.35	0.16	0.04	0.05	4.95	0.37	0.20	0.09
2.40	0.16	0.04	0.05	5.00	0.37	0.20	0.09
2.45	0.16	0.05	0.05	5.05	0.37	0.21	0.09
2.50	0.17	0.05	0.05	5.10	0.38	0.21	0.09
2.55	0.17	0.05	0.05	5.15	0.38	0.21	0.09

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.09	7.80	0.67	0.47	0.15
5.25	0.39	0.22	0.09	7.85	0.68	0.48	0.15
5.30	0.40	0.23	0.09	7.90	0.68	0.49	0.15
5.35	0.40	0.23	0.09	7.95	0.69	0.49	0.15
5.40	0.41	0.23	0.09	8.00	0.70	0.50	0.15
5.45	0.41	0.24	0.09	8.05	0.70	0.51	0.16
5.50	0.41	0.24	0.09	8.10	0.71	0.51	0.16
5.55	0.42	0.25	0.09	8.15	0.72	0.52	0.16
5.60	0.42	0.25	0.09	8.20	0.72	0.53	0.16
5.65	0.43	0.25	0.09	8.25	0.73	0.53	0.16
5.70	0.43	0.26	0.09	8.30	0.74	0.54	0.16
5.75	0.44	0.26	0.10	8.35	0.75	0.55	0.17
5.80	0.44	0.27	0.10	8.40	0.75	0.55	0.17
5.85	0.45	0.27	0.10	8.45	0.76	0.56	0.17
5.90	0.45	0.27	0.10	8.50	0.77	0.57	0.17
5.95	0.46	0.28	0.10	8.55	0.78	0.58	0.17
6.00	0.46	0.28	0.10	8.60	0.78	0.58	0.17
6.05	0.47	0.29	0.10	8.65	0.79	0.59	0.17
6.10	0.47	0.29	0.10	8.70	0.80	0.60	0.18
6.15	0.47	0.30	0.10	8.75	0.81	0.61	0.18
6.20	0.48	0.30	0.10	8.80	0.82	0.61	0.18
6.25	0.48	0.30	0.11	8.85	0.82	0.62	0.18
6.30	0.49	0.31	0.11	8.90	0.83	0.63	0.18
6.35	0.50	0.31	0.11	8.95	0.84	0.64	0.18
6.40	0.50	0.32	0.11	9.00	0.85	0.64	0.18
6.45	0.51	0.32	0.11	9.05	0.86	0.65	0.19
6.50	0.51	0.33	0.11	9.10	0.87	0.66	0.19
6.55	0.52	0.33	0.11	9.15	0.87	0.67	0.20
6.60	0.52	0.34	0.11	9.20	0.88	0.68	0.20
6.65	0.53	0.34	0.12	9.25	0.89	0.69	0.21
6.70	0.53	0.35	0.12	9.30	0.90	0.70	0.21
6.75	0.54	0.35	0.12	9.35	0.91	0.71	0.22
6.80	0.54	0.36	0.12	9.40	0.92	0.72	0.22
6.85	0.55	0.36	0.12	9.45	0.93	0.73	0.23
6.90	0.56	0.37	0.12	9.50	0.94	0.74	0.23
6.95	0.56	0.37	0.13	9.55	0.95	0.75	0.24
7.00	0.57	0.38	0.13	9.60	0.96	0.76	0.24
7.05	0.57	0.38	0.13	9.65	0.98	0.77	0.25
7.10	0.58	0.39	0.13	9.70	0.99	0.78	0.25
7.15	0.58	0.40	0.13	9.75	1.00	0.79	0.26
7.20	0.59	0.40	0.13	9.80	1.01	0.80	0.26
7.25	0.60	0.41	0.13	9.85	1.02	0.81	0.27
7.30	0.60	0.41	0.13	9.90	1.03	0.82	0.28
7.35	0.61	0.42	0.14	9.95	1.05	0.84	0.28
7.40	0.62	0.42	0.14	10.00	1.06	0.85	0.29
7.45	0.62	0.43	0.14	10.05	1.07	0.86	0.29
7.50	0.63	0.44	0.14	10.10	1.09	0.87	0.30
7.55	0.64	0.44	0.14	10.15	1.10	0.89	0.30
7.60	0.64	0.45	0.14	10.20	1.11	0.90	0.31
7.65	0.65	0.45	0.15	10.25	1.13	0.91	0.31
7.70	0.65	0.46	0.15	10.30	1.14	0.93	0.32
7.75	0.66	0.47	0.15	10.35	1.15	0.94	0.32

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.33	13.00	4.42	4.18	0.61
10.45	1.18	0.97	0.33	13.05	4.44	4.20	0.56
10.50	1.20	0.98	0.34	13.10	4.46	4.23	0.54
10.55	1.21	1.00	0.37	13.15	4.48	4.25	0.51
10.60	1.23	1.02	0.38	13.20	4.50	4.27	0.50
10.65	1.25	1.03	0.40	13.25	4.52	4.29	0.47
10.70	1.27	1.05	0.41	13.30	4.54	4.31	0.46
10.75	1.29	1.07	0.44	13.35	4.56	4.33	0.43
10.80	1.31	1.09	0.45	13.40	4.58	4.34	0.42
10.85	1.33	1.11	0.48	13.45	4.60	4.36	0.39
10.90	1.35	1.13	0.49	13.50	4.61	4.38	0.38
10.95	1.37	1.15	0.52	13.55	4.63	4.39	0.35
11.00	1.39	1.18	0.53	13.60	4.64	4.41	0.34
11.05	1.42	1.20	0.58	13.65	4.66	4.42	0.34
11.10	1.45	1.23	0.61	13.70	4.67	4.43	0.33
11.15	1.48	1.26	0.66	13.75	4.68	4.45	0.33
11.20	1.51	1.29	0.68	13.80	4.70	4.46	0.32
11.25	1.54	1.32	0.73	13.85	4.71	4.48	0.32
11.30	1.57	1.35	0.75	13.90	4.72	4.49	0.31
11.35	1.61	1.38	0.80	13.95	4.74	4.50	0.31
11.40	1.64	1.42	0.82	14.00	4.75	4.51	0.30
11.45	1.68	1.46	0.86	14.05	4.76	4.53	0.30
11.50	1.72	1.49	0.89	14.10	4.78	4.54	0.29
11.55	1.78	1.55	1.24	14.15	4.79	4.55	0.29
11.60	1.83	1.61	1.36	14.20	4.80	4.56	0.28
11.65	1.90	1.67	1.42	14.25	4.81	4.57	0.28
11.70	1.96	1.73	1.45	14.30	4.82	4.59	0.27
11.75	2.04	1.82	1.83	14.35	4.83	4.60	0.26
11.80	2.13	1.90	1.99	14.40	4.85	4.61	0.26
11.85	2.25	2.02	2.54	14.45	4.86	4.62	0.26
11.90	2.36	2.13	2.80	14.50	4.87	4.63	0.25
11.95	2.57	2.34	4.21	14.55	4.88	4.64	0.24
12.00	2.77	2.54	4.82	14.60	4.89	4.65	0.24
12.05	3.11	2.88	7.09	14.65	4.90	4.66	0.23
12.10	3.45	3.21	7.72	14.70	4.91	4.67	0.23
12.15	3.56	3.33	4.11	14.75	4.92	4.68	0.22
12.20	3.68	3.45	2.79	14.80	4.93	4.69	0.22
12.25	3.77	3.53	2.19	14.85	4.94	4.70	0.21
12.30	3.85	3.62	1.98	14.90	4.94	4.71	0.21
12.35	3.91	3.68	1.59	14.95	4.95	4.72	0.20
12.40	3.98	3.74	1.45	15.00	4.96	4.72	0.20
12.45	4.03	3.80	1.39	15.05	4.97	4.73	0.19
12.50	4.09	3.86	1.36	15.10	4.98	4.74	0.19
12.55	4.13	3.90	1.02	15.15	4.99	4.75	0.19
12.60	4.17	3.93	0.89	15.20	4.99	4.76	0.19
12.65	4.20	3.97	0.85	15.25	5.00	4.76	0.19
12.70	4.24	4.00	0.83	15.30	5.01	4.77	0.19
12.75	4.27	4.04	0.78	15.35	5.02	4.78	0.18
12.80	4.30	4.07	0.76	15.40	5.03	4.79	0.18
12.85	4.33	4.10	0.70	15.45	5.03	4.80	0.18
12.90	4.36	4.13	0.68	15.50	5.04	4.80	0.18
12.95	4.39	4.15	0.63	15.55	5.05	4.81	0.18

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.18	18.20	5.37	5.13	0.11
15.65	5.06	4.83	0.18	18.25	5.37	5.14	0.11
15.70	5.07	4.83	0.17	18.30	5.38	5.14	0.11
15.75	5.08	4.84	0.17	18.35	5.38	5.14	0.11
15.80	5.09	4.85	0.17	18.40	5.39	5.15	0.11
15.85	5.09	4.86	0.17	18.45	5.39	5.15	0.11
15.90	5.10	4.86	0.17	18.50	5.40	5.16	0.11
15.95	5.11	4.87	0.17	18.55	5.40	5.16	0.11
16.00	5.11	4.88	0.17	18.60	5.40	5.17	0.11
16.05	5.12	4.88	0.16	18.65	5.41	5.17	0.11
16.10	5.13	4.89	0.16	18.70	5.41	5.18	0.11
16.15	5.13	4.90	0.16	18.75	5.42	5.18	0.11
16.20	5.14	4.90	0.16	18.80	5.42	5.19	0.10
16.25	5.15	4.91	0.16	18.85	5.43	5.19	0.10
16.30	5.16	4.92	0.16	18.90	5.43	5.19	0.10
16.35	5.16	4.92	0.16	18.95	5.44	5.20	0.10
16.40	5.17	4.93	0.16	19.00	5.44	5.20	0.10
16.45	5.17	4.94	0.15	19.05	5.44	5.21	0.10
16.50	5.18	4.94	0.15	19.10	5.45	5.21	0.10
16.55	5.19	4.95	0.15	19.15	5.45	5.22	0.10
16.60	5.19	4.96	0.15	19.20	5.46	5.22	0.10
16.65	5.20	4.96	0.15	19.25	5.46	5.22	0.10
16.70	5.21	4.97	0.15	19.30	5.47	5.23	0.10
16.75	5.21	4.98	0.15	19.35	5.47	5.23	0.10
16.80	5.22	4.98	0.14	19.40	5.48	5.24	0.10
16.85	5.23	4.99	0.14	19.45	5.48	5.24	0.10
16.90	5.23	4.99	0.14	19.50	5.48	5.25	0.10
16.95	5.24	5.00	0.14	19.55	5.49	5.25	0.10
17.00	5.24	5.01	0.14	19.60	5.49	5.25	0.10
17.05	5.25	5.01	0.14	19.65	5.50	5.26	0.10
17.10	5.25	5.02	0.14	19.70	5.50	5.26	0.10
17.15	5.26	5.02	0.13	19.75	5.50	5.27	0.10
17.20	5.27	5.03	0.13	19.80	5.51	5.27	0.10
17.25	5.27	5.03	0.13	19.85	5.51	5.28	0.10
17.30	5.28	5.04	0.13	19.90	5.52	5.28	0.10
17.35	5.28	5.05	0.13	19.95	5.52	5.28	0.10
17.40	5.29	5.05	0.13	20.00	5.53	5.29	0.10
17.45	5.29	5.06	0.13	20.05	5.53	5.29	0.10
17.50	5.30	5.06	0.13	20.10	5.53	5.30	0.10
17.55	5.30	5.07	0.12	20.15	5.54	5.30	0.10
17.60	5.31	5.07	0.12	20.20	5.54	5.30	0.10
17.65	5.31	5.08	0.12	20.25	5.55	5.31	0.09
17.70	5.32	5.08	0.12	20.30	5.55	5.31	0.09
17.75	5.33	5.09	0.12	20.35	5.55	5.32	0.09
17.80	5.33	5.09	0.12	20.40	5.56	5.32	0.09
17.85	5.34	5.10	0.12	20.45	5.56	5.32	0.09
17.90	5.34	5.10	0.12	20.50	5.57	5.33	0.09
17.95	5.34	5.11	0.11	20.55	5.57	5.33	0.09
18.00	5.35	5.11	0.11	20.60	5.57	5.34	0.09
18.05	5.35	5.12	0.11	20.65	5.58	5.34	0.09
18.10	5.36	5.12	0.11	20.70	5.58	5.34	0.09
18.15	5.36	5.13	0.11	20.75	5.59	5.35	0.09

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.09	23.40	5.77	5.53	0.07
20.85	5.59	5.36	0.09	23.45	5.78	5.54	0.07
20.90	5.60	5.36	0.09	23.50	5.78	5.54	0.07
20.95	5.60	5.36	0.09	23.55	5.78	5.54	0.07
21.00	5.61	5.37	0.09	23.60	5.78	5.55	0.07
21.05	5.61	5.37	0.09	23.65	5.79	5.55	0.07
21.10	5.61	5.37	0.09	23.70	5.79	5.55	0.07
21.15	5.62	5.38	0.09	23.75	5.79	5.56	0.07
21.20	5.62	5.38	0.09	23.80	5.80	5.56	0.07
21.25	5.62	5.39	0.09	23.85	5.80	5.56	0.07
21.30	5.63	5.39	0.09	23.90	5.80	5.56	0.07
21.35	5.63	5.39	0.09	23.95	5.81	5.57	0.08
21.40	5.64	5.40	0.09	24.00	5.81	5.57	0.08
21.45	5.64	5.40	0.09	24.05	5.81	5.57	0.02
21.50	5.64	5.40	0.09	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.09	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.09	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.09	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.09	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.09	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.09	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.08	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.08	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.08	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.08	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.08	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.08	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.08	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.08	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.08	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.08	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.08	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.08	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.08	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.08	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.08	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.08	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.08	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.08	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.08	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.08	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.08	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.08	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.08	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.08	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.08	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.08	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.08	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.07	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.07	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.07	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.07	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

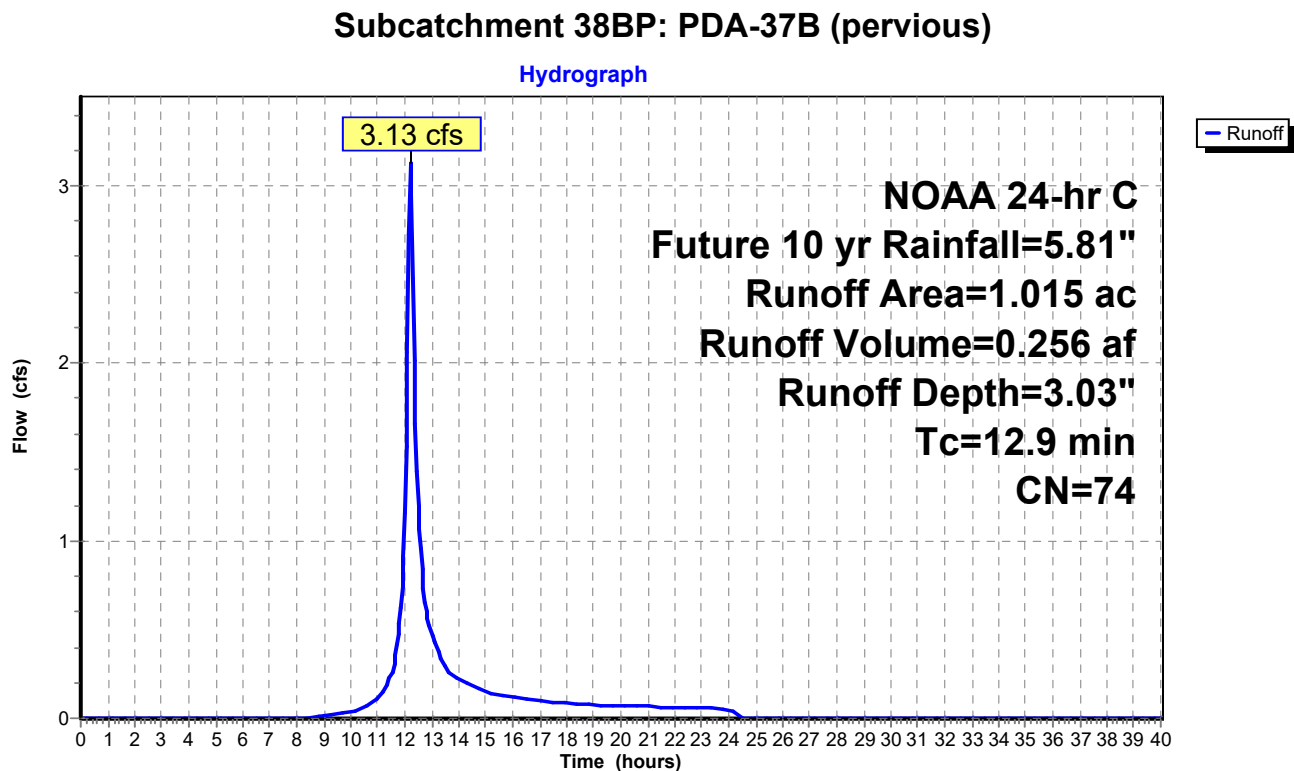
Summary for Subcatchment 38BP: PDA-37B (pervious)

Runoff = 3.13 cfs @ 12.21 hrs, Volume= 0.256 af, Depth= 3.03"
 Routed to Pond B-37B : Basin #37B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.015	74	>75% Grass cover, Good, HSG C
1.015		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.9					Direct Entry,



Hydrograph for Subcatchment 38BP: PDA-37B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.04
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.04
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.05

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.48
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.46
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.43
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.41
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.39
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.37
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.35
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.34
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.32
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.31
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.30
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.28
11.00	1.39	0.11	0.11	13.60	4.64	2.08	0.27
11.05	1.42	0.12	0.12	13.65	4.66	2.09	0.26
11.10	1.45	0.13	0.13	13.70	4.67	2.10	0.25
11.15	1.48	0.14	0.14	13.75	4.68	2.12	0.24
11.20	1.51	0.15	0.15	13.80	4.70	2.13	0.23
11.25	1.54	0.16	0.17	13.85	4.71	2.14	0.23
11.30	1.57	0.17	0.18	13.90	4.72	2.15	0.22
11.35	1.61	0.18	0.20	13.95	4.74	2.16	0.22
11.40	1.64	0.20	0.21	14.00	4.75	2.17	0.22
11.45	1.68	0.21	0.23	14.05	4.76	2.18	0.21
11.50	1.72	0.23	0.25	14.10	4.78	2.19	0.21
11.55	1.78	0.25	0.27	14.15	4.79	2.20	0.21
11.60	1.83	0.28	0.30	14.20	4.80	2.21	0.20
11.65	1.90	0.30	0.35	14.25	4.81	2.21	0.20
11.70	1.96	0.33	0.41	14.30	4.82	2.22	0.20
11.75	2.04	0.37	0.47	14.35	4.83	2.23	0.19
11.80	2.13	0.41	0.53	14.40	4.85	2.24	0.19
11.85	2.25	0.47	0.62	14.45	4.86	2.25	0.19
11.90	2.36	0.53	0.74	14.50	4.87	2.26	0.18
11.95	2.57	0.65	0.91	14.55	4.88	2.27	0.18
12.00	2.77	0.77	1.15	14.60	4.89	2.27	0.18
12.05	3.11	0.98	1.53	14.65	4.90	2.28	0.17
12.10	3.45	1.20	2.07	14.70	4.91	2.29	0.17
12.15	3.56	1.28	2.73	14.75	4.92	2.30	0.17
12.20	3.68	1.37	3.12	14.80	4.93	2.31	0.16
12.25	3.77	1.43	2.95	14.85	4.94	2.31	0.16
12.30	3.85	1.49	2.48	14.90	4.94	2.32	0.16
12.35	3.91	1.53	2.01	14.95	4.95	2.33	0.15
12.40	3.98	1.58	1.66	15.00	4.96	2.33	0.15
12.45	4.03	1.62	1.39	15.05	4.97	2.34	0.15
12.50	4.09	1.67	1.20	15.10	4.98	2.35	0.14
12.55	4.13	1.69	1.06	15.15	4.99	2.35	0.14
12.60	4.17	1.72	0.96	15.20	4.99	2.36	0.14
12.65	4.20	1.75	0.84	15.25	5.00	2.37	0.13
12.70	4.24	1.77	0.73	15.30	5.01	2.37	0.13
12.75	4.27	1.80	0.65	15.35	5.02	2.38	0.13
12.80	4.30	1.82	0.60	15.40	5.03	2.38	0.13
12.85	4.33	1.85	0.56	15.45	5.03	2.39	0.13
12.90	4.36	1.87	0.53	15.50	5.04	2.40	0.13
12.95	4.39	1.89	0.50	15.55	5.05	2.40	0.13

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.13	18.20	5.37	2.66	0.08
15.65	5.06	2.41	0.13	18.25	5.37	2.67	0.08
15.70	5.07	2.42	0.12	18.30	5.38	2.67	0.08
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.08
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.08
15.85	5.09	2.44	0.12	18.45	5.39	2.68	0.08
15.90	5.10	2.44	0.12	18.50	5.40	2.68	0.08
15.95	5.11	2.45	0.12	18.55	5.40	2.69	0.08
16.00	5.11	2.46	0.12	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.12	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.12	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.12	18.75	5.42	2.70	0.08
16.20	5.14	2.48	0.12	18.80	5.42	2.71	0.08
16.25	5.15	2.48	0.12	18.85	5.43	2.71	0.08
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.08
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.11	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.11	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.11	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.11	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.11	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.11	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.11	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.11	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.10	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.10	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.10	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.10	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.10	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.10	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.10	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.09	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.09	20.25	5.55	2.81	0.07
17.70	5.32	2.62	0.09	20.30	5.55	2.81	0.07
17.75	5.33	2.63	0.09	20.35	5.55	2.81	0.07
17.80	5.33	2.63	0.09	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.09	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.07
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.08	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.07	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.05
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.01
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 38I: PDA-38 (impervious)

Runoff = 4.85 cfs @ 12.09 hrs, Volume= 0.343 af, Depth= 5.57"
 Routed to Pond B-38 : Basin #38

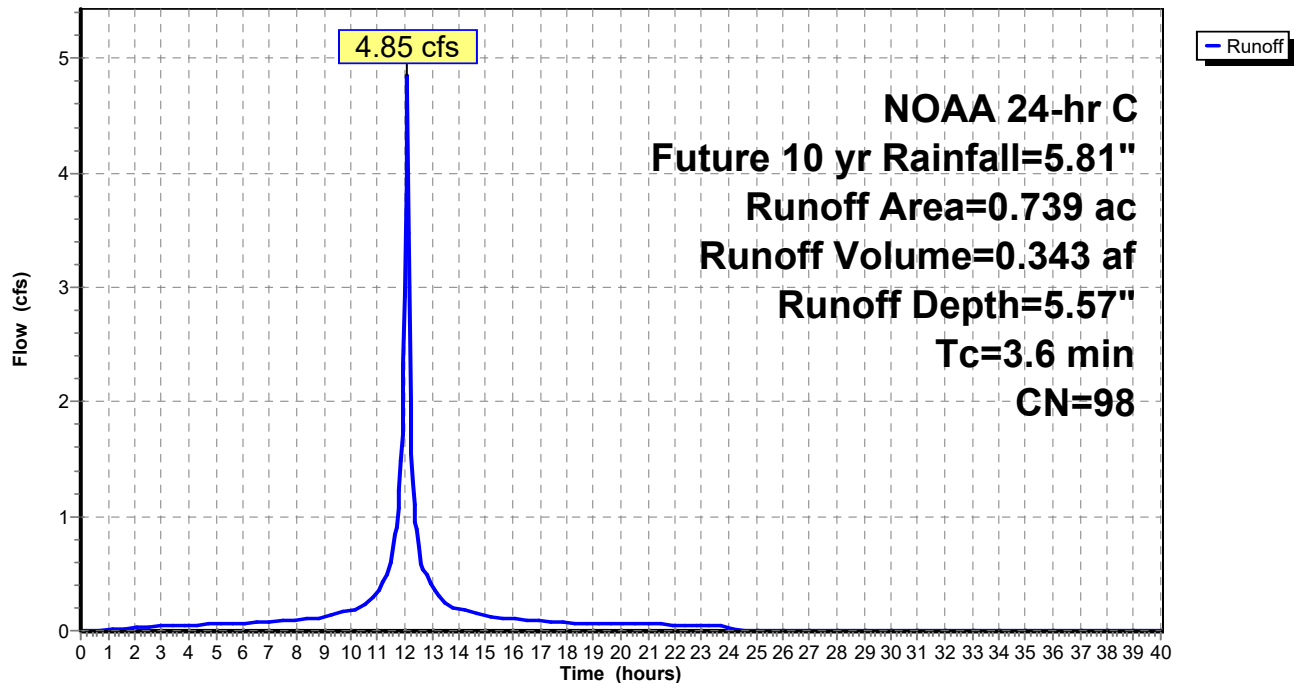
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.171	98	Concrete, HSC C
0.000	98	Paved roads w/curbs & sewers, HSG C
* 0.568	98	Roof, HSG C
0.739	98	Weighted Average
0.739		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.6					Direct Entry,

Subcatchment 38I: PDA-38 (impervious)

Hydrograph



Hydrograph for Subcatchment 38I: PDA-38 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.04
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.04
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.04
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.04
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.04
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.04
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.04
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.04
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.04
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.04
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.04
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.04
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.04
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.04
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.04
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.04
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.04
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.04
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.04
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.04
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.05
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.05
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.05
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.05
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.05
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.05
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.05
1.40	0.09	0.01	0.02	4.00	0.28	0.13	0.05
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.05
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.05
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.05
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.05
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.05
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.05
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.05
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.05
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.05
1.90	0.12	0.02	0.03	4.50	0.33	0.17	0.05
1.95	0.13	0.03	0.03	4.55	0.33	0.17	0.05
2.00	0.13	0.03	0.03	4.60	0.33	0.17	0.05
2.05	0.13	0.03	0.03	4.65	0.34	0.18	0.05
2.10	0.14	0.03	0.03	4.70	0.34	0.18	0.05
2.15	0.14	0.03	0.03	4.75	0.35	0.18	0.05
2.20	0.15	0.04	0.03	4.80	0.35	0.19	0.05
2.25	0.15	0.04	0.03	4.85	0.36	0.19	0.05
2.30	0.15	0.04	0.03	4.90	0.36	0.20	0.05
2.35	0.16	0.04	0.03	4.95	0.37	0.20	0.06
2.40	0.16	0.04	0.03	5.00	0.37	0.20	0.06
2.45	0.16	0.05	0.03	5.05	0.37	0.21	0.06
2.50	0.17	0.05	0.03	5.10	0.38	0.21	0.06
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.06

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.09
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.10
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.10
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.10
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.10
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.10
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.10
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.10
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.10
5.65	0.43	0.25	0.06	8.25	0.73	0.53	0.10
5.70	0.43	0.26	0.06	8.30	0.74	0.54	0.10
5.75	0.44	0.26	0.06	8.35	0.75	0.55	0.10
5.80	0.44	0.27	0.06	8.40	0.75	0.55	0.11
5.85	0.45	0.27	0.06	8.45	0.76	0.56	0.11
5.90	0.45	0.27	0.06	8.50	0.77	0.57	0.11
5.95	0.46	0.28	0.06	8.55	0.78	0.58	0.11
6.00	0.46	0.28	0.06	8.60	0.78	0.58	0.11
6.05	0.47	0.29	0.06	8.65	0.79	0.59	0.11
6.10	0.47	0.29	0.06	8.70	0.80	0.60	0.11
6.15	0.47	0.30	0.06	8.75	0.81	0.61	0.11
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.11
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.11
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.11
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.12
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.12
6.45	0.51	0.32	0.07	9.05	0.86	0.65	0.12
6.50	0.51	0.33	0.07	9.10	0.87	0.66	0.12
6.55	0.52	0.33	0.07	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.07	9.20	0.88	0.68	0.13
6.65	0.53	0.34	0.07	9.25	0.89	0.69	0.13
6.70	0.53	0.35	0.07	9.30	0.90	0.70	0.14
6.75	0.54	0.35	0.08	9.35	0.91	0.71	0.14
6.80	0.54	0.36	0.08	9.40	0.92	0.72	0.14
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.14
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.15
6.95	0.56	0.37	0.08	9.55	0.95	0.75	0.15
7.00	0.57	0.38	0.08	9.60	0.96	0.76	0.15
7.05	0.57	0.38	0.08	9.65	0.98	0.77	0.16
7.10	0.58	0.39	0.08	9.70	0.99	0.78	0.16
7.15	0.58	0.40	0.08	9.75	1.00	0.79	0.16
7.20	0.59	0.40	0.08	9.80	1.01	0.80	0.17
7.25	0.60	0.41	0.08	9.85	1.02	0.81	0.17
7.30	0.60	0.41	0.09	9.90	1.03	0.82	0.17
7.35	0.61	0.42	0.09	9.95	1.05	0.84	0.18
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.18
7.45	0.62	0.43	0.09	10.05	1.07	0.86	0.18
7.50	0.63	0.44	0.09	10.10	1.09	0.87	0.19
7.55	0.64	0.44	0.09	10.15	1.10	0.89	0.19
7.60	0.64	0.45	0.09	10.20	1.11	0.90	0.19
7.65	0.65	0.45	0.09	10.25	1.13	0.91	0.20
7.70	0.65	0.46	0.09	10.30	1.14	0.93	0.20
7.75	0.66	0.47	0.09	10.35	1.15	0.94	0.20

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.21	13.00	4.42	4.18	0.39
10.45	1.18	0.97	0.21	13.05	4.44	4.20	0.37
10.50	1.20	0.98	0.21	13.10	4.46	4.23	0.35
10.55	1.21	1.00	0.23	13.15	4.48	4.25	0.33
10.60	1.23	1.02	0.24	13.20	4.50	4.27	0.32
10.65	1.25	1.03	0.25	13.25	4.52	4.29	0.31
10.70	1.27	1.05	0.26	13.30	4.54	4.31	0.29
10.75	1.29	1.07	0.27	13.35	4.56	4.33	0.28
10.80	1.31	1.09	0.29	13.40	4.58	4.34	0.27
10.85	1.33	1.11	0.30	13.45	4.60	4.36	0.26
10.90	1.35	1.13	0.31	13.50	4.61	4.38	0.25
10.95	1.37	1.15	0.32	13.55	4.63	4.39	0.23
11.00	1.39	1.18	0.34	13.60	4.64	4.41	0.22
11.05	1.42	1.20	0.36	13.65	4.66	4.42	0.22
11.10	1.45	1.23	0.38	13.70	4.67	4.43	0.21
11.15	1.48	1.26	0.40	13.75	4.68	4.45	0.21
11.20	1.51	1.29	0.43	13.80	4.70	4.46	0.21
11.25	1.54	1.32	0.45	13.85	4.71	4.48	0.20
11.30	1.57	1.35	0.47	13.90	4.72	4.49	0.20
11.35	1.61	1.38	0.50	13.95	4.74	4.50	0.20
11.40	1.64	1.42	0.52	14.00	4.75	4.51	0.19
11.45	1.68	1.46	0.54	14.05	4.76	4.53	0.19
11.50	1.72	1.49	0.56	14.10	4.78	4.54	0.19
11.55	1.78	1.55	0.70	14.15	4.79	4.55	0.18
11.60	1.83	1.61	0.84	14.20	4.80	4.56	0.18
11.65	1.90	1.67	0.88	14.25	4.81	4.57	0.18
11.70	1.96	1.73	0.91	14.30	4.82	4.59	0.17
11.75	2.04	1.82	1.07	14.35	4.83	4.60	0.17
11.80	2.13	1.90	1.23	14.40	4.85	4.61	0.17
11.85	2.25	2.02	1.48	14.45	4.86	4.62	0.16
11.90	2.36	2.13	1.71	14.50	4.87	4.63	0.16
11.95	2.57	2.34	2.33	14.55	4.88	4.64	0.16
12.00	2.77	2.54	2.92	14.60	4.89	4.65	0.15
12.05	3.11	2.88	3.94	14.65	4.90	4.66	0.15
12.10	3.45	3.21	4.84	14.70	4.91	4.67	0.15
12.15	3.56	3.33	3.48	14.75	4.92	4.68	0.14
12.20	3.68	3.45	2.01	14.80	4.93	4.69	0.14
12.25	3.77	3.53	1.55	14.85	4.94	4.70	0.14
12.30	3.85	3.62	1.30	14.90	4.94	4.71	0.13
12.35	3.91	3.68	1.11	14.95	4.95	4.72	0.13
12.40	3.98	3.74	0.95	15.00	4.96	4.72	0.13
12.45	4.03	3.80	0.90	15.05	4.97	4.73	0.12
12.50	4.09	3.86	0.87	15.10	4.98	4.74	0.12
12.55	4.13	3.90	0.73	15.15	4.99	4.75	0.12
12.60	4.17	3.93	0.59	15.20	4.99	4.76	0.12
12.65	4.20	3.97	0.55	15.25	5.00	4.76	0.12
12.70	4.24	4.00	0.53	15.30	5.01	4.77	0.12
12.75	4.27	4.04	0.51	15.35	5.02	4.78	0.12
12.80	4.30	4.07	0.49	15.40	5.03	4.79	0.12
12.85	4.33	4.10	0.46	15.45	5.03	4.80	0.12
12.90	4.36	4.13	0.44	15.50	5.04	4.80	0.11
12.95	4.39	4.15	0.41	15.55	5.05	4.81	0.11

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.11	18.20	5.37	5.13	0.07
15.65	5.06	4.83	0.11	18.25	5.37	5.14	0.07
15.70	5.07	4.83	0.11	18.30	5.38	5.14	0.07
15.75	5.08	4.84	0.11	18.35	5.38	5.14	0.07
15.80	5.09	4.85	0.11	18.40	5.39	5.15	0.07
15.85	5.09	4.86	0.11	18.45	5.39	5.15	0.07
15.90	5.10	4.86	0.11	18.50	5.40	5.16	0.07
15.95	5.11	4.87	0.11	18.55	5.40	5.16	0.07
16.00	5.11	4.88	0.11	18.60	5.40	5.17	0.07
16.05	5.12	4.88	0.10	18.65	5.41	5.17	0.07
16.10	5.13	4.89	0.10	18.70	5.41	5.18	0.07
16.15	5.13	4.90	0.10	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.10	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.10	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.10	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.10	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.10	19.00	5.44	5.20	0.07
16.45	5.17	4.94	0.10	19.05	5.44	5.21	0.07
16.50	5.18	4.94	0.10	19.10	5.45	5.21	0.07
16.55	5.19	4.95	0.10	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.10	19.20	5.46	5.22	0.06
16.65	5.20	4.96	0.09	19.25	5.46	5.22	0.06
16.70	5.21	4.97	0.09	19.30	5.47	5.23	0.06
16.75	5.21	4.98	0.09	19.35	5.47	5.23	0.06
16.80	5.22	4.98	0.09	19.40	5.48	5.24	0.06
16.85	5.23	4.99	0.09	19.45	5.48	5.24	0.06
16.90	5.23	4.99	0.09	19.50	5.48	5.25	0.06
16.95	5.24	5.00	0.09	19.55	5.49	5.25	0.06
17.00	5.24	5.01	0.09	19.60	5.49	5.25	0.06
17.05	5.25	5.01	0.09	19.65	5.50	5.26	0.06
17.10	5.25	5.02	0.09	19.70	5.50	5.26	0.06
17.15	5.26	5.02	0.09	19.75	5.50	5.27	0.06
17.20	5.27	5.03	0.09	19.80	5.51	5.27	0.06
17.25	5.27	5.03	0.08	19.85	5.51	5.28	0.06
17.30	5.28	5.04	0.08	19.90	5.52	5.28	0.06
17.35	5.28	5.05	0.08	19.95	5.52	5.28	0.06
17.40	5.29	5.05	0.08	20.00	5.53	5.29	0.06
17.45	5.29	5.06	0.08	20.05	5.53	5.29	0.06
17.50	5.30	5.06	0.08	20.10	5.53	5.30	0.06
17.55	5.30	5.07	0.08	20.15	5.54	5.30	0.06
17.60	5.31	5.07	0.08	20.20	5.54	5.30	0.06
17.65	5.31	5.08	0.08	20.25	5.55	5.31	0.06
17.70	5.32	5.08	0.08	20.30	5.55	5.31	0.06
17.75	5.33	5.09	0.08	20.35	5.55	5.32	0.06
17.80	5.33	5.09	0.07	20.40	5.56	5.32	0.06
17.85	5.34	5.10	0.07	20.45	5.56	5.32	0.06
17.90	5.34	5.10	0.07	20.50	5.57	5.33	0.06
17.95	5.34	5.11	0.07	20.55	5.57	5.33	0.06
18.00	5.35	5.11	0.07	20.60	5.57	5.34	0.06
18.05	5.35	5.12	0.07	20.65	5.58	5.34	0.06
18.10	5.36	5.12	0.07	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.07	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.04
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.05	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.05	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.05	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.05	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.05	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.05	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.05	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.05	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.05	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.05	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.05	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.05	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.05	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.05	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.05	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.05	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.05	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.05	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.05	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.05	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.05	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.05	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.05	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.05	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.05	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.05	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 38P: PDA-38 (pervious)

Runoff = 4.46 cfs @ 12.19 hrs, Volume= 0.347 af, Depth= 3.03"
 Routed to Pond B-38 : Basin #38

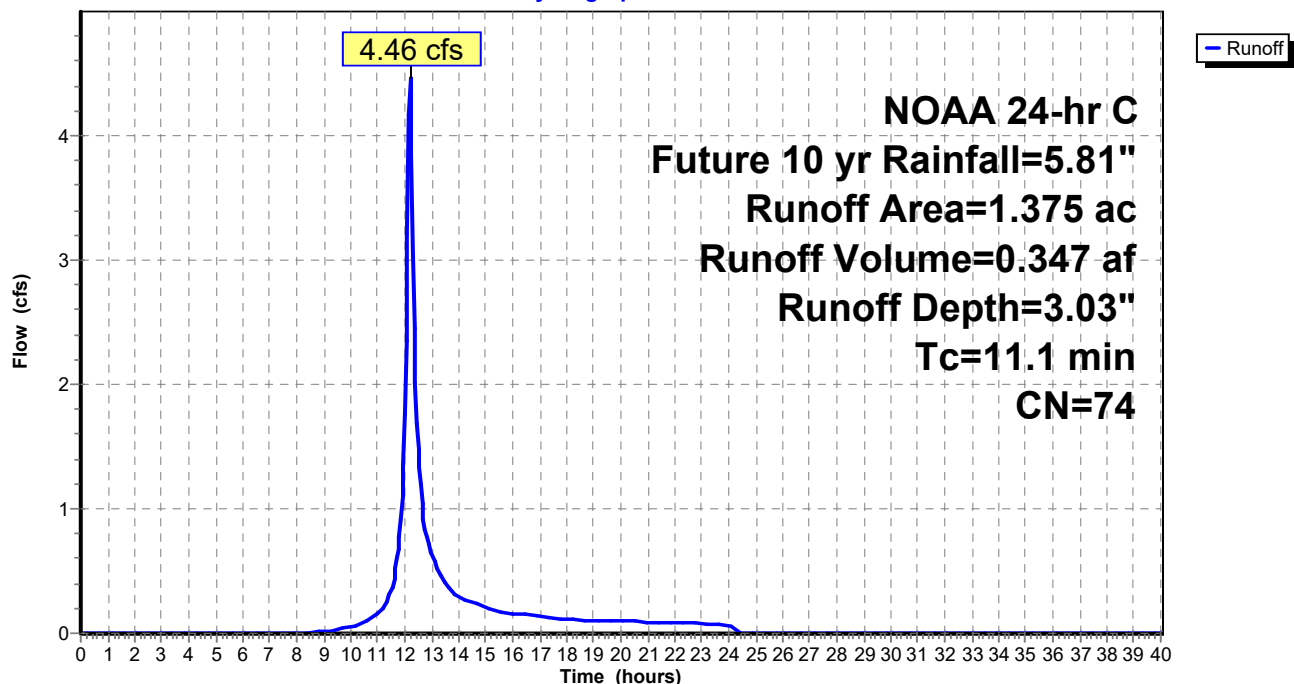
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.375	74	>75% Grass cover, Good, HSG C
1.375		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.1					Direct Entry,

Subcatchment 38P: PDA-38 (pervious)

Hydrograph



Hydrograph for Subcatchment 38P: PDA-38 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.03
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.04
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.04
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.05
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.05
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.06
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.06
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.07
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.07

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.63
10.45	1.18	0.06	0.08	13.05	4.44	1.93	0.60
10.50	1.20	0.06	0.08	13.10	4.46	1.94	0.57
10.55	1.21	0.06	0.09	13.15	4.48	1.96	0.53
10.60	1.23	0.07	0.09	13.20	4.50	1.98	0.51
10.65	1.25	0.07	0.10	13.25	4.52	1.99	0.48
10.70	1.27	0.08	0.11	13.30	4.54	2.01	0.46
10.75	1.29	0.08	0.11	13.35	4.56	2.02	0.45
10.80	1.31	0.09	0.12	13.40	4.58	2.03	0.43
10.85	1.33	0.09	0.13	13.45	4.60	2.05	0.41
10.90	1.35	0.10	0.14	13.50	4.61	2.06	0.39
10.95	1.37	0.11	0.15	13.55	4.63	2.07	0.38
11.00	1.39	0.11	0.16	13.60	4.64	2.08	0.36
11.05	1.42	0.12	0.17	13.65	4.66	2.09	0.34
11.10	1.45	0.13	0.19	13.70	4.67	2.10	0.33
11.15	1.48	0.14	0.20	13.75	4.68	2.12	0.32
11.20	1.51	0.15	0.22	13.80	4.70	2.13	0.31
11.25	1.54	0.16	0.24	13.85	4.71	2.14	0.31
11.30	1.57	0.17	0.26	13.90	4.72	2.15	0.30
11.35	1.61	0.18	0.28	13.95	4.74	2.16	0.30
11.40	1.64	0.20	0.30	14.00	4.75	2.17	0.29
11.45	1.68	0.21	0.33	14.05	4.76	2.18	0.29
11.50	1.72	0.23	0.35	14.10	4.78	2.19	0.28
11.55	1.78	0.25	0.38	14.15	4.79	2.20	0.28
11.60	1.83	0.28	0.44	14.20	4.80	2.21	0.27
11.65	1.90	0.30	0.52	14.25	4.81	2.21	0.27
11.70	1.96	0.33	0.61	14.30	4.82	2.22	0.27
11.75	2.04	0.37	0.68	14.35	4.83	2.23	0.26
11.80	2.13	0.41	0.77	14.40	4.85	2.24	0.26
11.85	2.25	0.47	0.91	14.45	4.86	2.25	0.25
11.90	2.36	0.53	1.10	14.50	4.87	2.26	0.25
11.95	2.57	0.65	1.35	14.55	4.88	2.27	0.24
12.00	2.77	0.77	1.75	14.60	4.89	2.27	0.24
12.05	3.11	0.98	2.35	14.65	4.90	2.28	0.23
12.10	3.45	1.20	3.21	14.70	4.91	2.29	0.23
12.15	3.56	1.28	4.16	14.75	4.92	2.30	0.22
12.20	3.68	1.37	4.44	14.80	4.93	2.31	0.22
12.25	3.77	1.43	3.85	14.85	4.94	2.31	0.21
12.30	3.85	1.49	3.05	14.90	4.94	2.32	0.21
12.35	3.91	1.53	2.44	14.95	4.95	2.33	0.21
12.40	3.98	1.58	2.01	15.00	4.96	2.33	0.20
12.45	4.03	1.62	1.69	15.05	4.97	2.34	0.20
12.50	4.09	1.67	1.47	15.10	4.98	2.35	0.19
12.55	4.13	1.69	1.34	15.15	4.99	2.35	0.19
12.60	4.17	1.72	1.20	15.20	4.99	2.36	0.18
12.65	4.20	1.75	1.04	15.25	5.00	2.37	0.18
12.70	4.24	1.77	0.91	15.30	5.01	2.37	0.18
12.75	4.27	1.80	0.83	15.35	5.02	2.38	0.18
12.80	4.30	1.82	0.78	15.40	5.03	2.38	0.18
12.85	4.33	1.85	0.73	15.45	5.03	2.39	0.17
12.90	4.36	1.87	0.70	15.50	5.04	2.40	0.17
12.95	4.39	1.89	0.66	15.55	5.05	2.40	0.17

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.17	18.20	5.37	2.66	0.11
15.65	5.06	2.41	0.17	18.25	5.37	2.67	0.11
15.70	5.07	2.42	0.17	18.30	5.38	2.67	0.11
15.75	5.08	2.43	0.17	18.35	5.38	2.67	0.11
15.80	5.09	2.43	0.17	18.40	5.39	2.68	0.10
15.85	5.09	2.44	0.16	18.45	5.39	2.68	0.10
15.90	5.10	2.44	0.16	18.50	5.40	2.68	0.10
15.95	5.11	2.45	0.16	18.55	5.40	2.69	0.10
16.00	5.11	2.46	0.16	18.60	5.40	2.69	0.10
16.05	5.12	2.46	0.16	18.65	5.41	2.69	0.10
16.10	5.13	2.47	0.16	18.70	5.41	2.70	0.10
16.15	5.13	2.47	0.16	18.75	5.42	2.70	0.10
16.20	5.14	2.48	0.16	18.80	5.42	2.71	0.10
16.25	5.15	2.48	0.16	18.85	5.43	2.71	0.10
16.30	5.16	2.49	0.15	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.15	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.15	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.15	19.05	5.44	2.72	0.10
16.50	5.18	2.51	0.15	19.10	5.45	2.73	0.10
16.55	5.19	2.52	0.15	19.15	5.45	2.73	0.10
16.60	5.19	2.52	0.15	19.20	5.46	2.73	0.10
16.65	5.20	2.53	0.15	19.25	5.46	2.74	0.10
16.70	5.21	2.53	0.14	19.30	5.47	2.74	0.10
16.75	5.21	2.54	0.14	19.35	5.47	2.75	0.10
16.80	5.22	2.54	0.14	19.40	5.48	2.75	0.10
16.85	5.23	2.55	0.14	19.45	5.48	2.75	0.10
16.90	5.23	2.55	0.14	19.50	5.48	2.76	0.10
16.95	5.24	2.55	0.14	19.55	5.49	2.76	0.10
17.00	5.24	2.56	0.14	19.60	5.49	2.76	0.10
17.05	5.25	2.56	0.14	19.65	5.50	2.77	0.10
17.10	5.25	2.57	0.13	19.70	5.50	2.77	0.10
17.15	5.26	2.57	0.13	19.75	5.50	2.77	0.10
17.20	5.27	2.58	0.13	19.80	5.51	2.78	0.10
17.25	5.27	2.58	0.13	19.85	5.51	2.78	0.10
17.30	5.28	2.59	0.13	19.90	5.52	2.78	0.10
17.35	5.28	2.59	0.13	19.95	5.52	2.79	0.10
17.40	5.29	2.60	0.13	20.00	5.53	2.79	0.09
17.45	5.29	2.60	0.13	20.05	5.53	2.79	0.09
17.50	5.30	2.61	0.12	20.10	5.53	2.80	0.09
17.55	5.30	2.61	0.12	20.15	5.54	2.80	0.09
17.60	5.31	2.61	0.12	20.20	5.54	2.80	0.09
17.65	5.31	2.62	0.12	20.25	5.55	2.81	0.09
17.70	5.32	2.62	0.12	20.30	5.55	2.81	0.09
17.75	5.33	2.63	0.12	20.35	5.55	2.81	0.09
17.80	5.33	2.63	0.12	20.40	5.56	2.82	0.09
17.85	5.34	2.63	0.12	20.45	5.56	2.82	0.09
17.90	5.34	2.64	0.11	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.11	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.11	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.11	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.11	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.11	20.75	5.59	2.84	0.09

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.09	23.40	5.77	2.99	0.07
20.85	5.59	2.85	0.09	23.45	5.78	3.00	0.07
20.90	5.60	2.85	0.09	23.50	5.78	3.00	0.07
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.09	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.09	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.09	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.09	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.09	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.09	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.09	23.95	5.81	3.02	0.07
21.40	5.64	2.88	0.09	24.00	5.81	3.03	0.07
21.45	5.64	2.88	0.09	24.05	5.81	3.03	0.08
21.50	5.64	2.89	0.09	24.10	5.81	3.03	0.07
21.55	5.65	2.89	0.09	24.15	5.81	3.03	0.04
21.60	5.65	2.89	0.08	24.20	5.81	3.03	0.02
21.65	5.65	2.90	0.08	24.25	5.81	3.03	0.01
21.70	5.66	2.90	0.08	24.30	5.81	3.03	0.01
21.75	5.66	2.90	0.08	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.08	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.08	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.08	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.08	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.08	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.08	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.08	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.08	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.08	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.08	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.08	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.08	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.08	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.08	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.08	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.08	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.08	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.07	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.07	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.07	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.07	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 39I: PDA-39 (impervious)

Runoff = 1.49 cfs @ 12.08 hrs, Volume= 0.100 af, Depth= 5.57"
 Routed to Pond B-39 : Basin #39

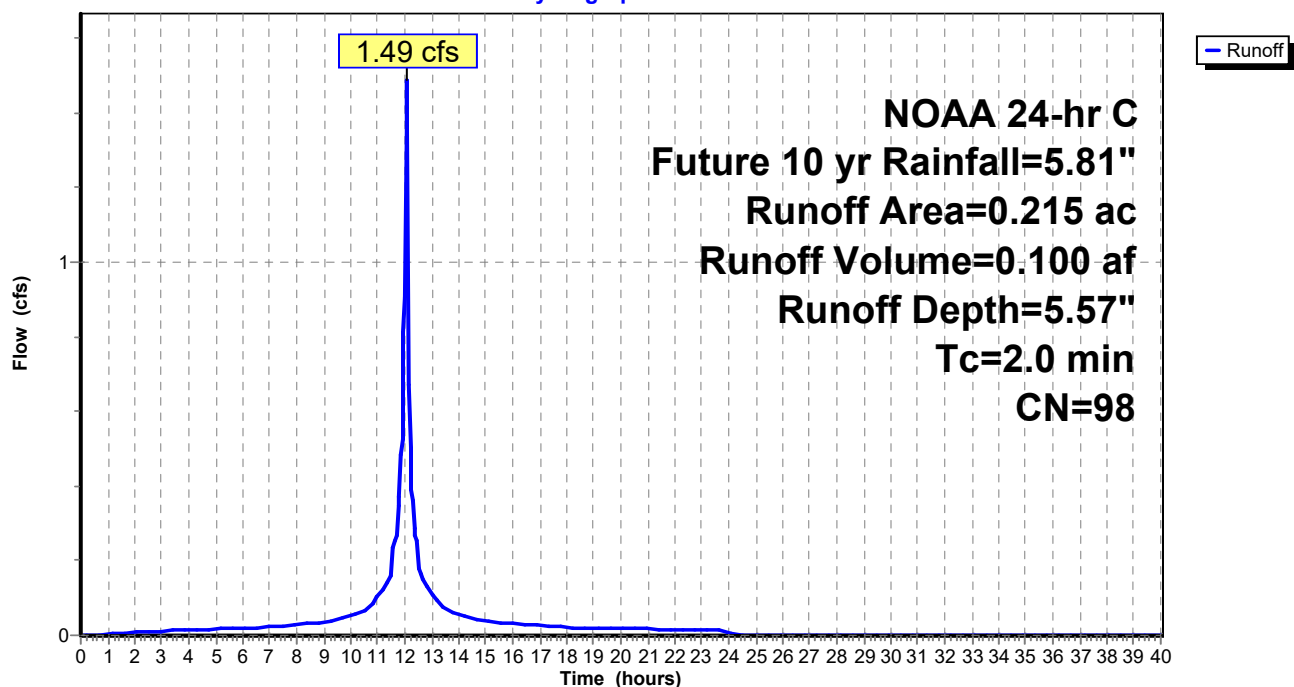
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.164	98	Concrete, HSC C
0.051	98	Paved roads w/curbs & sewers, HSG C
0.215	98	Weighted Average
0.215		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.0					Direct Entry, 2

Subcatchment 39I: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 39I: PDA-39 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.01
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.01
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.01
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.01
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.01
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.01
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.01
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.01
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.01
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.01
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.01
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.01
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.01
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.01
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.01
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.01
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.01
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.01
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.01
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.01
1.00	0.06	0.00	0.00	3.60	0.25	0.11	0.01
1.05	0.07	0.00	0.00	3.65	0.26	0.11	0.01
1.10	0.07	0.00	0.00	3.70	0.26	0.11	0.01
1.15	0.07	0.00	0.00	3.75	0.26	0.12	0.01
1.20	0.08	0.01	0.00	3.80	0.27	0.12	0.01
1.25	0.08	0.01	0.00	3.85	0.27	0.12	0.01
1.30	0.08	0.01	0.00	3.90	0.28	0.13	0.01
1.35	0.09	0.01	0.00	3.95	0.28	0.13	0.01
1.40	0.09	0.01	0.00	4.00	0.28	0.13	0.01
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.01
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.01
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.01
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.01
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.01
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.01
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.01
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.01
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.02
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.02
1.95	0.13	0.03	0.01	4.55	0.33	0.17	0.02
2.00	0.13	0.03	0.01	4.60	0.33	0.17	0.02
2.05	0.13	0.03	0.01	4.65	0.34	0.18	0.02
2.10	0.14	0.03	0.01	4.70	0.34	0.18	0.02
2.15	0.14	0.03	0.01	4.75	0.35	0.18	0.02
2.20	0.15	0.04	0.01	4.80	0.35	0.19	0.02
2.25	0.15	0.04	0.01	4.85	0.36	0.19	0.02
2.30	0.15	0.04	0.01	4.90	0.36	0.20	0.02
2.35	0.16	0.04	0.01	4.95	0.37	0.20	0.02
2.40	0.16	0.04	0.01	5.00	0.37	0.20	0.02
2.45	0.16	0.05	0.01	5.05	0.37	0.21	0.02
2.50	0.17	0.05	0.01	5.10	0.38	0.21	0.02
2.55	0.17	0.05	0.01	5.15	0.38	0.21	0.02

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.02	7.80	0.67	0.47	0.03
5.25	0.39	0.22	0.02	7.85	0.68	0.48	0.03
5.30	0.40	0.23	0.02	7.90	0.68	0.49	0.03
5.35	0.40	0.23	0.02	7.95	0.69	0.49	0.03
5.40	0.41	0.23	0.02	8.00	0.70	0.50	0.03
5.45	0.41	0.24	0.02	8.05	0.70	0.51	0.03
5.50	0.41	0.24	0.02	8.10	0.71	0.51	0.03
5.55	0.42	0.25	0.02	8.15	0.72	0.52	0.03
5.60	0.42	0.25	0.02	8.20	0.72	0.53	0.03
5.65	0.43	0.25	0.02	8.25	0.73	0.53	0.03
5.70	0.43	0.26	0.02	8.30	0.74	0.54	0.03
5.75	0.44	0.26	0.02	8.35	0.75	0.55	0.03
5.80	0.44	0.27	0.02	8.40	0.75	0.55	0.03
5.85	0.45	0.27	0.02	8.45	0.76	0.56	0.03
5.90	0.45	0.27	0.02	8.50	0.77	0.57	0.03
5.95	0.46	0.28	0.02	8.55	0.78	0.58	0.03
6.00	0.46	0.28	0.02	8.60	0.78	0.58	0.03
6.05	0.47	0.29	0.02	8.65	0.79	0.59	0.03
6.10	0.47	0.29	0.02	8.70	0.80	0.60	0.03
6.15	0.47	0.30	0.02	8.75	0.81	0.61	0.03
6.20	0.48	0.30	0.02	8.80	0.82	0.61	0.03
6.25	0.48	0.30	0.02	8.85	0.82	0.62	0.03
6.30	0.49	0.31	0.02	8.90	0.83	0.63	0.03
6.35	0.50	0.31	0.02	8.95	0.84	0.64	0.03
6.40	0.50	0.32	0.02	9.00	0.85	0.64	0.03
6.45	0.51	0.32	0.02	9.05	0.86	0.65	0.04
6.50	0.51	0.33	0.02	9.10	0.87	0.66	0.04
6.55	0.52	0.33	0.02	9.15	0.87	0.67	0.04
6.60	0.52	0.34	0.02	9.20	0.88	0.68	0.04
6.65	0.53	0.34	0.02	9.25	0.89	0.69	0.04
6.70	0.53	0.35	0.02	9.30	0.90	0.70	0.04
6.75	0.54	0.35	0.02	9.35	0.91	0.71	0.04
6.80	0.54	0.36	0.02	9.40	0.92	0.72	0.04
6.85	0.55	0.36	0.02	9.45	0.93	0.73	0.04
6.90	0.56	0.37	0.02	9.50	0.94	0.74	0.04
6.95	0.56	0.37	0.02	9.55	0.95	0.75	0.04
7.00	0.57	0.38	0.02	9.60	0.96	0.76	0.05
7.05	0.57	0.38	0.02	9.65	0.98	0.77	0.05
7.10	0.58	0.39	0.02	9.70	0.99	0.78	0.05
7.15	0.58	0.40	0.02	9.75	1.00	0.79	0.05
7.20	0.59	0.40	0.02	9.80	1.01	0.80	0.05
7.25	0.60	0.41	0.02	9.85	1.02	0.81	0.05
7.30	0.60	0.41	0.02	9.90	1.03	0.82	0.05
7.35	0.61	0.42	0.03	9.95	1.05	0.84	0.05
7.40	0.62	0.42	0.03	10.00	1.06	0.85	0.05
7.45	0.62	0.43	0.03	10.05	1.07	0.86	0.05
7.50	0.63	0.44	0.03	10.10	1.09	0.87	0.05
7.55	0.64	0.44	0.03	10.15	1.10	0.89	0.06
7.60	0.64	0.45	0.03	10.20	1.11	0.90	0.06
7.65	0.65	0.45	0.03	10.25	1.13	0.91	0.06
7.70	0.65	0.46	0.03	10.30	1.14	0.93	0.06
7.75	0.66	0.47	0.03	10.35	1.15	0.94	0.06

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.06	13.00	4.42	4.18	0.11
10.45	1.18	0.97	0.06	13.05	4.44	4.20	0.10
10.50	1.20	0.98	0.06	13.10	4.46	4.23	0.10
10.55	1.21	1.00	0.07	13.15	4.48	4.25	0.09
10.60	1.23	1.02	0.07	13.20	4.50	4.27	0.09
10.65	1.25	1.03	0.08	13.25	4.52	4.29	0.09
10.70	1.27	1.05	0.08	13.30	4.54	4.31	0.08
10.75	1.29	1.07	0.08	13.35	4.56	4.33	0.08
10.80	1.31	1.09	0.08	13.40	4.58	4.34	0.08
10.85	1.33	1.11	0.09	13.45	4.60	4.36	0.07
10.90	1.35	1.13	0.09	13.50	4.61	4.38	0.07
10.95	1.37	1.15	0.10	13.55	4.63	4.39	0.06
11.00	1.39	1.18	0.10	13.60	4.64	4.41	0.06
11.05	1.42	1.20	0.11	13.65	4.66	4.42	0.06
11.10	1.45	1.23	0.11	13.70	4.67	4.43	0.06
11.15	1.48	1.26	0.12	13.75	4.68	4.45	0.06
11.20	1.51	1.29	0.13	13.80	4.70	4.46	0.06
11.25	1.54	1.32	0.14	13.85	4.71	4.48	0.06
11.30	1.57	1.35	0.14	13.90	4.72	4.49	0.06
11.35	1.61	1.38	0.15	13.95	4.74	4.50	0.06
11.40	1.64	1.42	0.15	14.00	4.75	4.51	0.06
11.45	1.68	1.46	0.16	14.05	4.76	4.53	0.05
11.50	1.72	1.49	0.17	14.10	4.78	4.54	0.05
11.55	1.78	1.55	0.24	14.15	4.79	4.55	0.05
11.60	1.83	1.61	0.25	14.20	4.80	4.56	0.05
11.65	1.90	1.67	0.26	14.25	4.81	4.57	0.05
11.70	1.96	1.73	0.27	14.30	4.82	4.59	0.05
11.75	2.04	1.82	0.35	14.35	4.83	4.60	0.05
11.80	2.13	1.90	0.37	14.40	4.85	4.61	0.05
11.85	2.25	2.02	0.48	14.45	4.86	4.62	0.05
11.90	2.36	2.13	0.53	14.50	4.87	4.63	0.05
11.95	2.57	2.34	0.81	14.55	4.88	4.64	0.04
12.00	2.77	2.54	0.91	14.60	4.89	4.65	0.04
12.05	3.11	2.88	1.37	14.65	4.90	4.66	0.04
12.10	3.45	3.21	1.41	14.70	4.91	4.67	0.04
12.15	3.56	3.33	0.67	14.75	4.92	4.68	0.04
12.20	3.68	3.45	0.50	14.80	4.93	4.69	0.04
12.25	3.77	3.53	0.39	14.85	4.94	4.70	0.04
12.30	3.85	3.62	0.36	14.90	4.94	4.71	0.04
12.35	3.91	3.68	0.28	14.95	4.95	4.72	0.04
12.40	3.98	3.74	0.27	15.00	4.96	4.72	0.04
12.45	4.03	3.80	0.26	15.05	4.97	4.73	0.04
12.50	4.09	3.86	0.25	15.10	4.98	4.74	0.04
12.55	4.13	3.90	0.18	15.15	4.99	4.75	0.03
12.60	4.17	3.93	0.16	15.20	4.99	4.76	0.03
12.65	4.20	3.97	0.16	15.25	5.00	4.76	0.03
12.70	4.24	4.00	0.15	15.30	5.01	4.77	0.03
12.75	4.27	4.04	0.14	15.35	5.02	4.78	0.03
12.80	4.30	4.07	0.14	15.40	5.03	4.79	0.03
12.85	4.33	4.10	0.13	15.45	5.03	4.80	0.03
12.90	4.36	4.13	0.13	15.50	5.04	4.80	0.03
12.95	4.39	4.15	0.12	15.55	5.05	4.81	0.03

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.03	18.20	5.37	5.13	0.02
15.65	5.06	4.83	0.03	18.25	5.37	5.14	0.02
15.70	5.07	4.83	0.03	18.30	5.38	5.14	0.02
15.75	5.08	4.84	0.03	18.35	5.38	5.14	0.02
15.80	5.09	4.85	0.03	18.40	5.39	5.15	0.02
15.85	5.09	4.86	0.03	18.45	5.39	5.15	0.02
15.90	5.10	4.86	0.03	18.50	5.40	5.16	0.02
15.95	5.11	4.87	0.03	18.55	5.40	5.16	0.02
16.00	5.11	4.88	0.03	18.60	5.40	5.17	0.02
16.05	5.12	4.88	0.03	18.65	5.41	5.17	0.02
16.10	5.13	4.89	0.03	18.70	5.41	5.18	0.02
16.15	5.13	4.90	0.03	18.75	5.42	5.18	0.02
16.20	5.14	4.90	0.03	18.80	5.42	5.19	0.02
16.25	5.15	4.91	0.03	18.85	5.43	5.19	0.02
16.30	5.16	4.92	0.03	18.90	5.43	5.19	0.02
16.35	5.16	4.92	0.03	18.95	5.44	5.20	0.02
16.40	5.17	4.93	0.03	19.00	5.44	5.20	0.02
16.45	5.17	4.94	0.03	19.05	5.44	5.21	0.02
16.50	5.18	4.94	0.03	19.10	5.45	5.21	0.02
16.55	5.19	4.95	0.03	19.15	5.45	5.22	0.02
16.60	5.19	4.96	0.03	19.20	5.46	5.22	0.02
16.65	5.20	4.96	0.03	19.25	5.46	5.22	0.02
16.70	5.21	4.97	0.03	19.30	5.47	5.23	0.02
16.75	5.21	4.98	0.03	19.35	5.47	5.23	0.02
16.80	5.22	4.98	0.03	19.40	5.48	5.24	0.02
16.85	5.23	4.99	0.03	19.45	5.48	5.24	0.02
16.90	5.23	4.99	0.03	19.50	5.48	5.25	0.02
16.95	5.24	5.00	0.03	19.55	5.49	5.25	0.02
17.00	5.24	5.01	0.03	19.60	5.49	5.25	0.02
17.05	5.25	5.01	0.03	19.65	5.50	5.26	0.02
17.10	5.25	5.02	0.03	19.70	5.50	5.26	0.02
17.15	5.26	5.02	0.02	19.75	5.50	5.27	0.02
17.20	5.27	5.03	0.02	19.80	5.51	5.27	0.02
17.25	5.27	5.03	0.02	19.85	5.51	5.28	0.02
17.30	5.28	5.04	0.02	19.90	5.52	5.28	0.02
17.35	5.28	5.05	0.02	19.95	5.52	5.28	0.02
17.40	5.29	5.05	0.02	20.00	5.53	5.29	0.02
17.45	5.29	5.06	0.02	20.05	5.53	5.29	0.02
17.50	5.30	5.06	0.02	20.10	5.53	5.30	0.02
17.55	5.30	5.07	0.02	20.15	5.54	5.30	0.02
17.60	5.31	5.07	0.02	20.20	5.54	5.30	0.02
17.65	5.31	5.08	0.02	20.25	5.55	5.31	0.02
17.70	5.32	5.08	0.02	20.30	5.55	5.31	0.02
17.75	5.33	5.09	0.02	20.35	5.55	5.32	0.02
17.80	5.33	5.09	0.02	20.40	5.56	5.32	0.02
17.85	5.34	5.10	0.02	20.45	5.56	5.32	0.02
17.90	5.34	5.10	0.02	20.50	5.57	5.33	0.02
17.95	5.34	5.11	0.02	20.55	5.57	5.33	0.02
18.00	5.35	5.11	0.02	20.60	5.57	5.34	0.02
18.05	5.35	5.12	0.02	20.65	5.58	5.34	0.02
18.10	5.36	5.12	0.02	20.70	5.58	5.34	0.02
18.15	5.36	5.13	0.02	20.75	5.59	5.35	0.02

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.02	23.40	5.77	5.53	0.01
20.85	5.59	5.36	0.02	23.45	5.78	5.54	0.01
20.90	5.60	5.36	0.02	23.50	5.78	5.54	0.01
20.95	5.60	5.36	0.02	23.55	5.78	5.54	0.01
21.00	5.61	5.37	0.02	23.60	5.78	5.55	0.01
21.05	5.61	5.37	0.02	23.65	5.79	5.55	0.01
21.10	5.61	5.37	0.02	23.70	5.79	5.55	0.01
21.15	5.62	5.38	0.02	23.75	5.79	5.56	0.01
21.20	5.62	5.38	0.02	23.80	5.80	5.56	0.01
21.25	5.62	5.39	0.02	23.85	5.80	5.56	0.01
21.30	5.63	5.39	0.02	23.90	5.80	5.56	0.01
21.35	5.63	5.39	0.02	23.95	5.81	5.57	0.02
21.40	5.64	5.40	0.02	24.00	5.81	5.57	0.02
21.45	5.64	5.40	0.02	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.02	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.02	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.02	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.02	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.02	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.02	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.02	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.02	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.02	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.02	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.02	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.02	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.02	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.02	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.02	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.02	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.01	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.01	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.01	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.01	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.01	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.01	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.01	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.01	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.01	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.01	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.01	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.01	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.01	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.01	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.01	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.01	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.01	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.01	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.01	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.01	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.01	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.01	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 39P: PDA-39 (pervious)

Runoff = 2.95 cfs @ 12.27 hrs, Volume= 0.278 af, Depth= 3.03"
 Routed to Pond B-39 : Basin #39

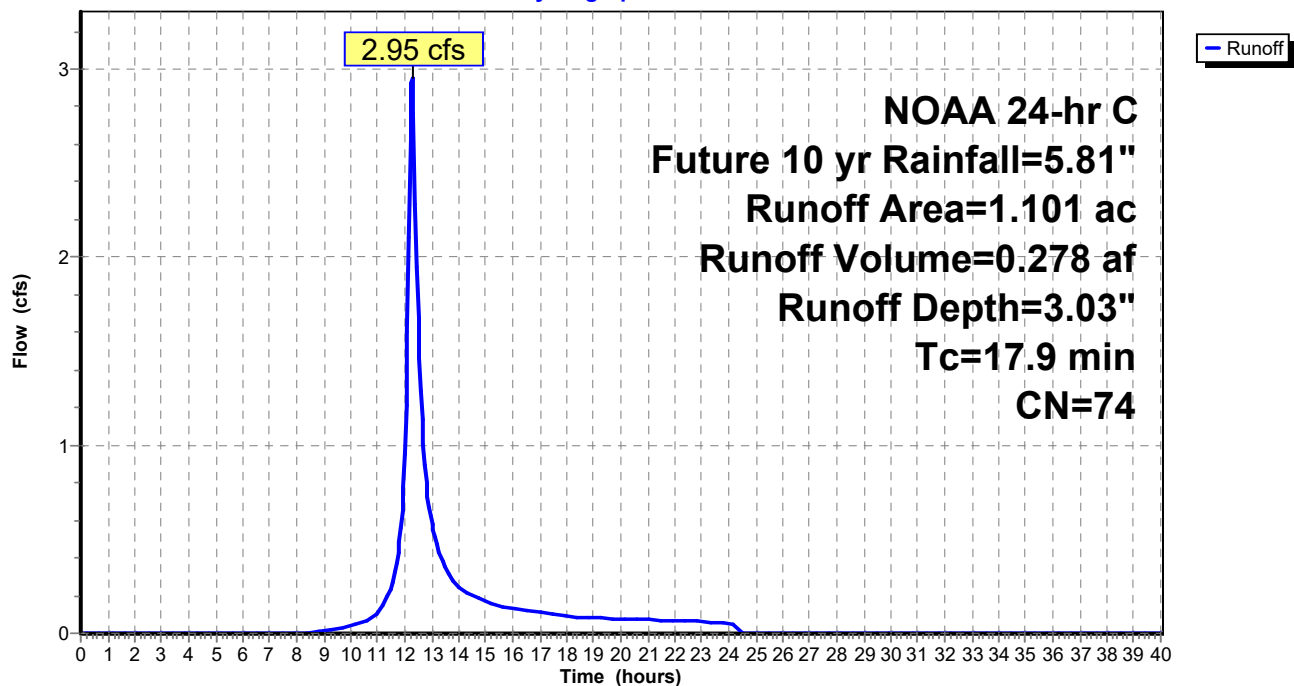
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.101	74	>75% Grass cover, Good, HSG C
1.101		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.9					Direct Entry,

Subcatchment 39P: PDA-39 (pervious)

Hydrograph



Hydrograph for Subcatchment 39P: PDA-39 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.02
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.04
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.04
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.04
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.05
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.05

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.06	13.00	4.42	1.91	0.58
10.45	1.18	0.06	0.06	13.05	4.44	1.93	0.55
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.51
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.49
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.46
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.44
10.70	1.27	0.08	0.07	13.30	4.54	2.01	0.41
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.39
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.38
10.85	1.33	0.09	0.09	13.45	4.60	2.05	0.36
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.35
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.33
11.00	1.39	0.11	0.11	13.60	4.64	2.08	0.32
11.05	1.42	0.12	0.12	13.65	4.66	2.09	0.30
11.10	1.45	0.13	0.13	13.70	4.67	2.10	0.29
11.15	1.48	0.14	0.14	13.75	4.68	2.12	0.28
11.20	1.51	0.15	0.15	13.80	4.70	2.13	0.27
11.25	1.54	0.16	0.16	13.85	4.71	2.14	0.26
11.30	1.57	0.17	0.18	13.90	4.72	2.15	0.25
11.35	1.61	0.18	0.19	13.95	4.74	2.16	0.25
11.40	1.64	0.20	0.21	14.00	4.75	2.17	0.24
11.45	1.68	0.21	0.22	14.05	4.76	2.18	0.24
11.50	1.72	0.23	0.24	14.10	4.78	2.19	0.23
11.55	1.78	0.25	0.26	14.15	4.79	2.20	0.23
11.60	1.83	0.28	0.29	14.20	4.80	2.21	0.23
11.65	1.90	0.30	0.32	14.25	4.81	2.21	0.22
11.70	1.96	0.33	0.37	14.30	4.82	2.22	0.22
11.75	2.04	0.37	0.43	14.35	4.83	2.23	0.22
11.80	2.13	0.41	0.49	14.40	4.85	2.24	0.21
11.85	2.25	0.47	0.56	14.45	4.86	2.25	0.21
11.90	2.36	0.53	0.65	14.50	4.87	2.26	0.21
11.95	2.57	0.65	0.78	14.55	4.88	2.27	0.20
12.00	2.77	0.77	0.95	14.60	4.89	2.27	0.20
12.05	3.11	0.98	1.21	14.65	4.90	2.28	0.19
12.10	3.45	1.20	1.60	14.70	4.91	2.29	0.19
12.15	3.56	1.28	2.11	14.75	4.92	2.30	0.19
12.20	3.68	1.37	2.63	14.80	4.93	2.31	0.18
12.25	3.77	1.43	2.92	14.85	4.94	2.31	0.18
12.30	3.85	1.49	2.90	14.90	4.94	2.32	0.18
12.35	3.91	1.53	2.64	14.95	4.95	2.33	0.17
12.40	3.98	1.58	2.29	15.00	4.96	2.33	0.17
12.45	4.03	1.62	1.95	15.05	4.97	2.34	0.16
12.50	4.09	1.67	1.68	15.10	4.98	2.35	0.16
12.55	4.13	1.69	1.46	15.15	4.99	2.35	0.16
12.60	4.17	1.72	1.29	15.20	4.99	2.36	0.15
12.65	4.20	1.75	1.14	15.25	5.00	2.37	0.15
12.70	4.24	1.77	1.01	15.30	5.01	2.37	0.15
12.75	4.27	1.80	0.89	15.35	5.02	2.38	0.15
12.80	4.30	1.82	0.80	15.40	5.03	2.38	0.14
12.85	4.33	1.85	0.72	15.45	5.03	2.39	0.14
12.90	4.36	1.87	0.67	15.50	5.04	2.40	0.14
12.95	4.39	1.89	0.62	15.55	5.05	2.40	0.14

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.14	18.20	5.37	2.66	0.09
15.65	5.06	2.41	0.14	18.25	5.37	2.67	0.09
15.70	5.07	2.42	0.14	18.30	5.38	2.67	0.09
15.75	5.08	2.43	0.14	18.35	5.38	2.67	0.09
15.80	5.09	2.43	0.13	18.40	5.39	2.68	0.08
15.85	5.09	2.44	0.13	18.45	5.39	2.68	0.08
15.90	5.10	2.44	0.13	18.50	5.40	2.68	0.08
15.95	5.11	2.45	0.13	18.55	5.40	2.69	0.08
16.00	5.11	2.46	0.13	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.13	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.13	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.13	18.75	5.42	2.70	0.08
16.20	5.14	2.48	0.13	18.80	5.42	2.71	0.08
16.25	5.15	2.48	0.13	18.85	5.43	2.71	0.08
16.30	5.16	2.49	0.13	18.90	5.43	2.71	0.08
16.35	5.16	2.49	0.12	18.95	5.44	2.72	0.08
16.40	5.17	2.50	0.12	19.00	5.44	2.72	0.08
16.45	5.17	2.50	0.12	19.05	5.44	2.72	0.08
16.50	5.18	2.51	0.12	19.10	5.45	2.73	0.08
16.55	5.19	2.52	0.12	19.15	5.45	2.73	0.08
16.60	5.19	2.52	0.12	19.20	5.46	2.73	0.08
16.65	5.20	2.53	0.12	19.25	5.46	2.74	0.08
16.70	5.21	2.53	0.12	19.30	5.47	2.74	0.08
16.75	5.21	2.54	0.12	19.35	5.47	2.75	0.08
16.80	5.22	2.54	0.12	19.40	5.48	2.75	0.08
16.85	5.23	2.55	0.11	19.45	5.48	2.75	0.08
16.90	5.23	2.55	0.11	19.50	5.48	2.76	0.08
16.95	5.24	2.55	0.11	19.55	5.49	2.76	0.08
17.00	5.24	2.56	0.11	19.60	5.49	2.76	0.08
17.05	5.25	2.56	0.11	19.65	5.50	2.77	0.08
17.10	5.25	2.57	0.11	19.70	5.50	2.77	0.08
17.15	5.26	2.57	0.11	19.75	5.50	2.77	0.08
17.20	5.27	2.58	0.11	19.80	5.51	2.78	0.08
17.25	5.27	2.58	0.11	19.85	5.51	2.78	0.08
17.30	5.28	2.59	0.11	19.90	5.52	2.78	0.08
17.35	5.28	2.59	0.10	19.95	5.52	2.79	0.08
17.40	5.29	2.60	0.10	20.00	5.53	2.79	0.08
17.45	5.29	2.60	0.10	20.05	5.53	2.79	0.08
17.50	5.30	2.61	0.10	20.10	5.53	2.80	0.08
17.55	5.30	2.61	0.10	20.15	5.54	2.80	0.08
17.60	5.31	2.61	0.10	20.20	5.54	2.80	0.08
17.65	5.31	2.62	0.10	20.25	5.55	2.81	0.08
17.70	5.32	2.62	0.10	20.30	5.55	2.81	0.07
17.75	5.33	2.63	0.10	20.35	5.55	2.81	0.07
17.80	5.33	2.63	0.10	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.09	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.09	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.09	20.55	5.57	2.83	0.07
18.00	5.35	2.65	0.09	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.09	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.09	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.09	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.06
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.06
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.06
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.06
21.00	5.61	2.86	0.07	23.60	5.78	3.00	0.06
21.05	5.61	2.86	0.07	23.65	5.79	3.01	0.06
21.10	5.61	2.86	0.07	23.70	5.79	3.01	0.06
21.15	5.62	2.87	0.07	23.75	5.79	3.01	0.06
21.20	5.62	2.87	0.07	23.80	5.80	3.01	0.06
21.25	5.62	2.87	0.07	23.85	5.80	3.02	0.06
21.30	5.63	2.87	0.07	23.90	5.80	3.02	0.06
21.35	5.63	2.88	0.07	23.95	5.81	3.02	0.06
21.40	5.64	2.88	0.07	24.00	5.81	3.03	0.06
21.45	5.64	2.88	0.07	24.05	5.81	3.03	0.06
21.50	5.64	2.89	0.07	24.10	5.81	3.03	0.06
21.55	5.65	2.89	0.07	24.15	5.81	3.03	0.05
21.60	5.65	2.89	0.07	24.20	5.81	3.03	0.04
21.65	5.65	2.90	0.07	24.25	5.81	3.03	0.03
21.70	5.66	2.90	0.07	24.30	5.81	3.03	0.02
21.75	5.66	2.90	0.07	24.35	5.81	3.03	0.01
21.80	5.66	2.90	0.07	24.40	5.81	3.03	0.01
21.85	5.67	2.91	0.07	24.45	5.81	3.03	0.01
21.90	5.67	2.91	0.07	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.07	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.07	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.07	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.07	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.07	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.07	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.07	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.06	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.06	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.06	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.06	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.06	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 40I: PDA-40 (impervious)

Runoff = 2.14 cfs @ 12.09 hrs, Volume= 0.150 af, Depth= 5.57"
 Routed to Pond B-40 : Basin #40

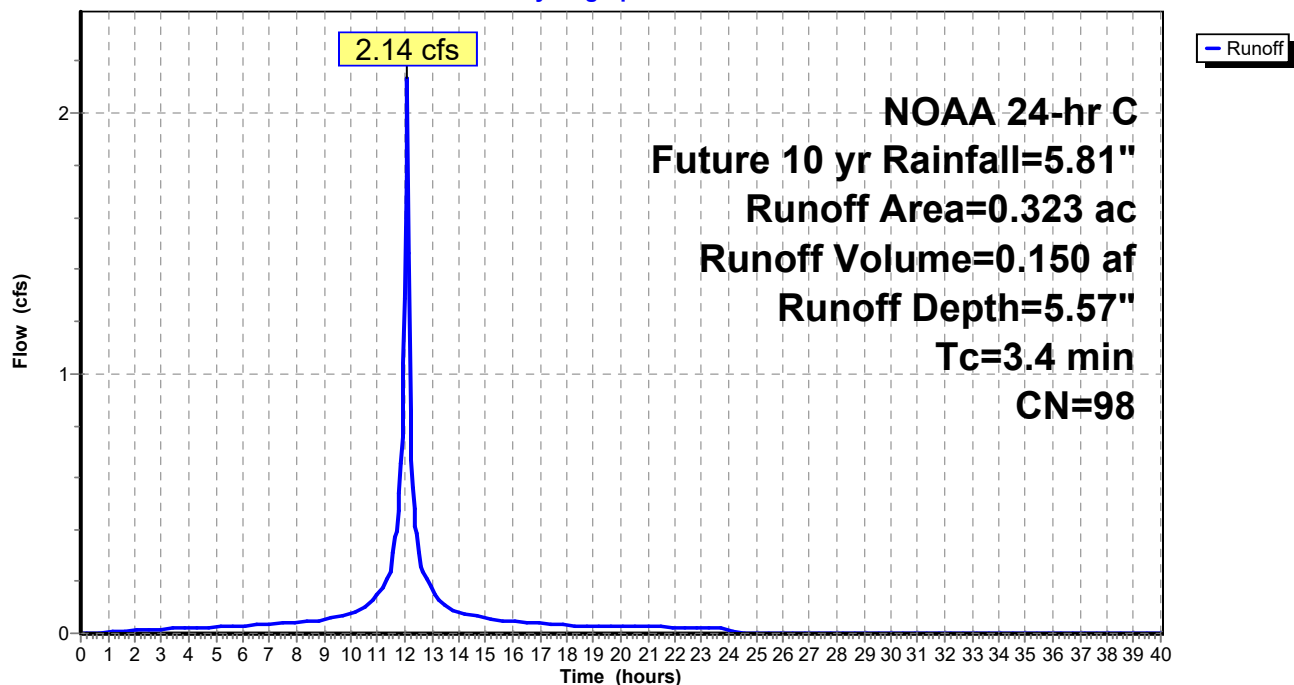
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.179	98	Concrete, HSC C
0.144	98	Paved roads w/curbs & sewers, HSG C
0.323	98	Weighted Average
0.323		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.4					Direct Entry,

Subcatchment 40I: PDA-40 (impervious)

Hydrograph



Hydrograph for Subcatchment 40I: PDA-40 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.02
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.02
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.02
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.02
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.02
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.02
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.02
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.02
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.02
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.02
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.02
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.02
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.02
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.02
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.02
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.02
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.02
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.02
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.02
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.02
1.00	0.06	0.00	0.00	3.60	0.25	0.11	0.02
1.05	0.07	0.00	0.00	3.65	0.26	0.11	0.02
1.10	0.07	0.00	0.00	3.70	0.26	0.11	0.02
1.15	0.07	0.00	0.00	3.75	0.26	0.12	0.02
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.02
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.02
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.02
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.02
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.02
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.02
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.02
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.02
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.02
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.02
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.02
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.02
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.02
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.02
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.02
1.95	0.13	0.03	0.01	4.55	0.33	0.17	0.02
2.00	0.13	0.03	0.01	4.60	0.33	0.17	0.02
2.05	0.13	0.03	0.01	4.65	0.34	0.18	0.02
2.10	0.14	0.03	0.01	4.70	0.34	0.18	0.02
2.15	0.14	0.03	0.01	4.75	0.35	0.18	0.02
2.20	0.15	0.04	0.01	4.80	0.35	0.19	0.02
2.25	0.15	0.04	0.01	4.85	0.36	0.19	0.02
2.30	0.15	0.04	0.01	4.90	0.36	0.20	0.02
2.35	0.16	0.04	0.01	4.95	0.37	0.20	0.02
2.40	0.16	0.04	0.01	5.00	0.37	0.20	0.02
2.45	0.16	0.05	0.01	5.05	0.37	0.21	0.02
2.50	0.17	0.05	0.01	5.10	0.38	0.21	0.02
2.55	0.17	0.05	0.01	5.15	0.38	0.21	0.02

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.02	7.80	0.67	0.47	0.04
5.25	0.39	0.22	0.03	7.85	0.68	0.48	0.04
5.30	0.40	0.23	0.03	7.90	0.68	0.49	0.04
5.35	0.40	0.23	0.03	7.95	0.69	0.49	0.04
5.40	0.41	0.23	0.03	8.00	0.70	0.50	0.04
5.45	0.41	0.24	0.03	8.05	0.70	0.51	0.04
5.50	0.41	0.24	0.03	8.10	0.71	0.51	0.04
5.55	0.42	0.25	0.03	8.15	0.72	0.52	0.04
5.60	0.42	0.25	0.03	8.20	0.72	0.53	0.04
5.65	0.43	0.25	0.03	8.25	0.73	0.53	0.04
5.70	0.43	0.26	0.03	8.30	0.74	0.54	0.05
5.75	0.44	0.26	0.03	8.35	0.75	0.55	0.05
5.80	0.44	0.27	0.03	8.40	0.75	0.55	0.05
5.85	0.45	0.27	0.03	8.45	0.76	0.56	0.05
5.90	0.45	0.27	0.03	8.50	0.77	0.57	0.05
5.95	0.46	0.28	0.03	8.55	0.78	0.58	0.05
6.00	0.46	0.28	0.03	8.60	0.78	0.58	0.05
6.05	0.47	0.29	0.03	8.65	0.79	0.59	0.05
6.10	0.47	0.29	0.03	8.70	0.80	0.60	0.05
6.15	0.47	0.30	0.03	8.75	0.81	0.61	0.05
6.20	0.48	0.30	0.03	8.80	0.82	0.61	0.05
6.25	0.48	0.30	0.03	8.85	0.82	0.62	0.05
6.30	0.49	0.31	0.03	8.90	0.83	0.63	0.05
6.35	0.50	0.31	0.03	8.95	0.84	0.64	0.05
6.40	0.50	0.32	0.03	9.00	0.85	0.64	0.05
6.45	0.51	0.32	0.03	9.05	0.86	0.65	0.05
6.50	0.51	0.33	0.03	9.10	0.87	0.66	0.05
6.55	0.52	0.33	0.03	9.15	0.87	0.67	0.05
6.60	0.52	0.34	0.03	9.20	0.88	0.68	0.06
6.65	0.53	0.34	0.03	9.25	0.89	0.69	0.06
6.70	0.53	0.35	0.03	9.30	0.90	0.70	0.06
6.75	0.54	0.35	0.03	9.35	0.91	0.71	0.06
6.80	0.54	0.36	0.03	9.40	0.92	0.72	0.06
6.85	0.55	0.36	0.03	9.45	0.93	0.73	0.06
6.90	0.56	0.37	0.03	9.50	0.94	0.74	0.06
6.95	0.56	0.37	0.03	9.55	0.95	0.75	0.07
7.00	0.57	0.38	0.03	9.60	0.96	0.76	0.07
7.05	0.57	0.38	0.04	9.65	0.98	0.77	0.07
7.10	0.58	0.39	0.04	9.70	0.99	0.78	0.07
7.15	0.58	0.40	0.04	9.75	1.00	0.79	0.07
7.20	0.59	0.40	0.04	9.80	1.01	0.80	0.07
7.25	0.60	0.41	0.04	9.85	1.02	0.81	0.07
7.30	0.60	0.41	0.04	9.90	1.03	0.82	0.08
7.35	0.61	0.42	0.04	9.95	1.05	0.84	0.08
7.40	0.62	0.42	0.04	10.00	1.06	0.85	0.08
7.45	0.62	0.43	0.04	10.05	1.07	0.86	0.08
7.50	0.63	0.44	0.04	10.10	1.09	0.87	0.08
7.55	0.64	0.44	0.04	10.15	1.10	0.89	0.08
7.60	0.64	0.45	0.04	10.20	1.11	0.90	0.08
7.65	0.65	0.45	0.04	10.25	1.13	0.91	0.09
7.70	0.65	0.46	0.04	10.30	1.14	0.93	0.09
7.75	0.66	0.47	0.04	10.35	1.15	0.94	0.09

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.09	13.00	4.42	4.18	0.17
10.45	1.18	0.97	0.09	13.05	4.44	4.20	0.16
10.50	1.20	0.98	0.09	13.10	4.46	4.23	0.15
10.55	1.21	1.00	0.10	13.15	4.48	4.25	0.14
10.60	1.23	1.02	0.10	13.20	4.50	4.27	0.14
10.65	1.25	1.03	0.11	13.25	4.52	4.29	0.13
10.70	1.27	1.05	0.11	13.30	4.54	4.31	0.13
10.75	1.29	1.07	0.12	13.35	4.56	4.33	0.12
10.80	1.31	1.09	0.13	13.40	4.58	4.34	0.12
10.85	1.33	1.11	0.13	13.45	4.60	4.36	0.11
10.90	1.35	1.13	0.14	13.50	4.61	4.38	0.11
10.95	1.37	1.15	0.14	13.55	4.63	4.39	0.10
11.00	1.39	1.18	0.15	13.60	4.64	4.41	0.10
11.05	1.42	1.20	0.16	13.65	4.66	4.42	0.09
11.10	1.45	1.23	0.17	13.70	4.67	4.43	0.09
11.15	1.48	1.26	0.18	13.75	4.68	4.45	0.09
11.20	1.51	1.29	0.19	13.80	4.70	4.46	0.09
11.25	1.54	1.32	0.20	13.85	4.71	4.48	0.09
11.30	1.57	1.35	0.21	13.90	4.72	4.49	0.09
11.35	1.61	1.38	0.22	13.95	4.74	4.50	0.09
11.40	1.64	1.42	0.23	14.00	4.75	4.51	0.08
11.45	1.68	1.46	0.24	14.05	4.76	4.53	0.08
11.50	1.72	1.49	0.24	14.10	4.78	4.54	0.08
11.55	1.78	1.55	0.31	14.15	4.79	4.55	0.08
11.60	1.83	1.61	0.37	14.20	4.80	4.56	0.08
11.65	1.90	1.67	0.39	14.25	4.81	4.57	0.08
11.70	1.96	1.73	0.40	14.30	4.82	4.59	0.08
11.75	2.04	1.82	0.47	14.35	4.83	4.60	0.07
11.80	2.13	1.90	0.54	14.40	4.85	4.61	0.07
11.85	2.25	2.02	0.65	14.45	4.86	4.62	0.07
11.90	2.36	2.13	0.75	14.50	4.87	4.63	0.07
11.95	2.57	2.34	1.04	14.55	4.88	4.64	0.07
12.00	2.77	2.54	1.29	14.60	4.89	4.65	0.07
12.05	3.11	2.88	1.76	14.65	4.90	4.66	0.07
12.10	3.45	3.21	2.13	14.70	4.91	4.67	0.06
12.15	3.56	3.33	1.47	14.75	4.92	4.68	0.06
12.20	3.68	3.45	0.85	14.80	4.93	4.69	0.06
12.25	3.77	3.53	0.66	14.85	4.94	4.70	0.06
12.30	3.85	3.62	0.56	14.90	4.94	4.71	0.06
12.35	3.91	3.68	0.48	14.95	4.95	4.72	0.06
12.40	3.98	3.74	0.41	15.00	4.96	4.72	0.06
12.45	4.03	3.80	0.39	15.05	4.97	4.73	0.05
12.50	4.09	3.86	0.38	15.10	4.98	4.74	0.05
12.55	4.13	3.90	0.31	15.15	4.99	4.75	0.05
12.60	4.17	3.93	0.25	15.20	4.99	4.76	0.05
12.65	4.20	3.97	0.24	15.25	5.00	4.76	0.05
12.70	4.24	4.00	0.23	15.30	5.01	4.77	0.05
12.75	4.27	4.04	0.22	15.35	5.02	4.78	0.05
12.80	4.30	4.07	0.21	15.40	5.03	4.79	0.05
12.85	4.33	4.10	0.20	15.45	5.03	4.80	0.05
12.90	4.36	4.13	0.19	15.50	5.04	4.80	0.05
12.95	4.39	4.15	0.18	15.55	5.05	4.81	0.05

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.05	18.20	5.37	5.13	0.03
15.65	5.06	4.83	0.05	18.25	5.37	5.14	0.03
15.70	5.07	4.83	0.05	18.30	5.38	5.14	0.03
15.75	5.08	4.84	0.05	18.35	5.38	5.14	0.03
15.80	5.09	4.85	0.05	18.40	5.39	5.15	0.03
15.85	5.09	4.86	0.05	18.45	5.39	5.15	0.03
15.90	5.10	4.86	0.05	18.50	5.40	5.16	0.03
15.95	5.11	4.87	0.05	18.55	5.40	5.16	0.03
16.00	5.11	4.88	0.05	18.60	5.40	5.17	0.03
16.05	5.12	4.88	0.05	18.65	5.41	5.17	0.03
16.10	5.13	4.89	0.05	18.70	5.41	5.18	0.03
16.15	5.13	4.90	0.05	18.75	5.42	5.18	0.03
16.20	5.14	4.90	0.04	18.80	5.42	5.19	0.03
16.25	5.15	4.91	0.04	18.85	5.43	5.19	0.03
16.30	5.16	4.92	0.04	18.90	5.43	5.19	0.03
16.35	5.16	4.92	0.04	18.95	5.44	5.20	0.03
16.40	5.17	4.93	0.04	19.00	5.44	5.20	0.03
16.45	5.17	4.94	0.04	19.05	5.44	5.21	0.03
16.50	5.18	4.94	0.04	19.10	5.45	5.21	0.03
16.55	5.19	4.95	0.04	19.15	5.45	5.22	0.03
16.60	5.19	4.96	0.04	19.20	5.46	5.22	0.03
16.65	5.20	4.96	0.04	19.25	5.46	5.22	0.03
16.70	5.21	4.97	0.04	19.30	5.47	5.23	0.03
16.75	5.21	4.98	0.04	19.35	5.47	5.23	0.03
16.80	5.22	4.98	0.04	19.40	5.48	5.24	0.03
16.85	5.23	4.99	0.04	19.45	5.48	5.24	0.03
16.90	5.23	4.99	0.04	19.50	5.48	5.25	0.03
16.95	5.24	5.00	0.04	19.55	5.49	5.25	0.03
17.00	5.24	5.01	0.04	19.60	5.49	5.25	0.03
17.05	5.25	5.01	0.04	19.65	5.50	5.26	0.03
17.10	5.25	5.02	0.04	19.70	5.50	5.26	0.03
17.15	5.26	5.02	0.04	19.75	5.50	5.27	0.03
17.20	5.27	5.03	0.04	19.80	5.51	5.27	0.03
17.25	5.27	5.03	0.04	19.85	5.51	5.28	0.03
17.30	5.28	5.04	0.04	19.90	5.52	5.28	0.03
17.35	5.28	5.05	0.04	19.95	5.52	5.28	0.03
17.40	5.29	5.05	0.04	20.00	5.53	5.29	0.03
17.45	5.29	5.06	0.04	20.05	5.53	5.29	0.03
17.50	5.30	5.06	0.03	20.10	5.53	5.30	0.03
17.55	5.30	5.07	0.03	20.15	5.54	5.30	0.03
17.60	5.31	5.07	0.03	20.20	5.54	5.30	0.03
17.65	5.31	5.08	0.03	20.25	5.55	5.31	0.03
17.70	5.32	5.08	0.03	20.30	5.55	5.31	0.03
17.75	5.33	5.09	0.03	20.35	5.55	5.32	0.03
17.80	5.33	5.09	0.03	20.40	5.56	5.32	0.03
17.85	5.34	5.10	0.03	20.45	5.56	5.32	0.03
17.90	5.34	5.10	0.03	20.50	5.57	5.33	0.03
17.95	5.34	5.11	0.03	20.55	5.57	5.33	0.03
18.00	5.35	5.11	0.03	20.60	5.57	5.34	0.03
18.05	5.35	5.12	0.03	20.65	5.58	5.34	0.03
18.10	5.36	5.12	0.03	20.70	5.58	5.34	0.03
18.15	5.36	5.13	0.03	20.75	5.59	5.35	0.03

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.03	23.40	5.77	5.53	0.02
20.85	5.59	5.36	0.03	23.45	5.78	5.54	0.02
20.90	5.60	5.36	0.03	23.50	5.78	5.54	0.02
20.95	5.60	5.36	0.03	23.55	5.78	5.54	0.02
21.00	5.61	5.37	0.02	23.60	5.78	5.55	0.02
21.05	5.61	5.37	0.02	23.65	5.79	5.55	0.02
21.10	5.61	5.37	0.02	23.70	5.79	5.55	0.02
21.15	5.62	5.38	0.02	23.75	5.79	5.56	0.02
21.20	5.62	5.38	0.02	23.80	5.80	5.56	0.02
21.25	5.62	5.39	0.02	23.85	5.80	5.56	0.02
21.30	5.63	5.39	0.02	23.90	5.80	5.56	0.02
21.35	5.63	5.39	0.02	23.95	5.81	5.57	0.02
21.40	5.64	5.40	0.02	24.00	5.81	5.57	0.02
21.45	5.64	5.40	0.02	24.05	5.81	5.57	0.01
21.50	5.64	5.40	0.02	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.02	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.02	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.02	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.02	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.02	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.02	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.02	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.02	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.02	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.02	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.02	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.02	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.02	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.02	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.02	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.02	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.02	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.02	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.02	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.02	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.02	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.02	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.02	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.02	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.02	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.02	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.02	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.02	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.02	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.02	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.02	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.02	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.02	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.02	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.02	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.02	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.02	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 40P: PDA-40 (pervious)

Runoff = 2.62 cfs @ 12.28 hrs, Volume= 0.251 af, Depth= 3.03"
 Routed to Pond B-40 : Basin #40

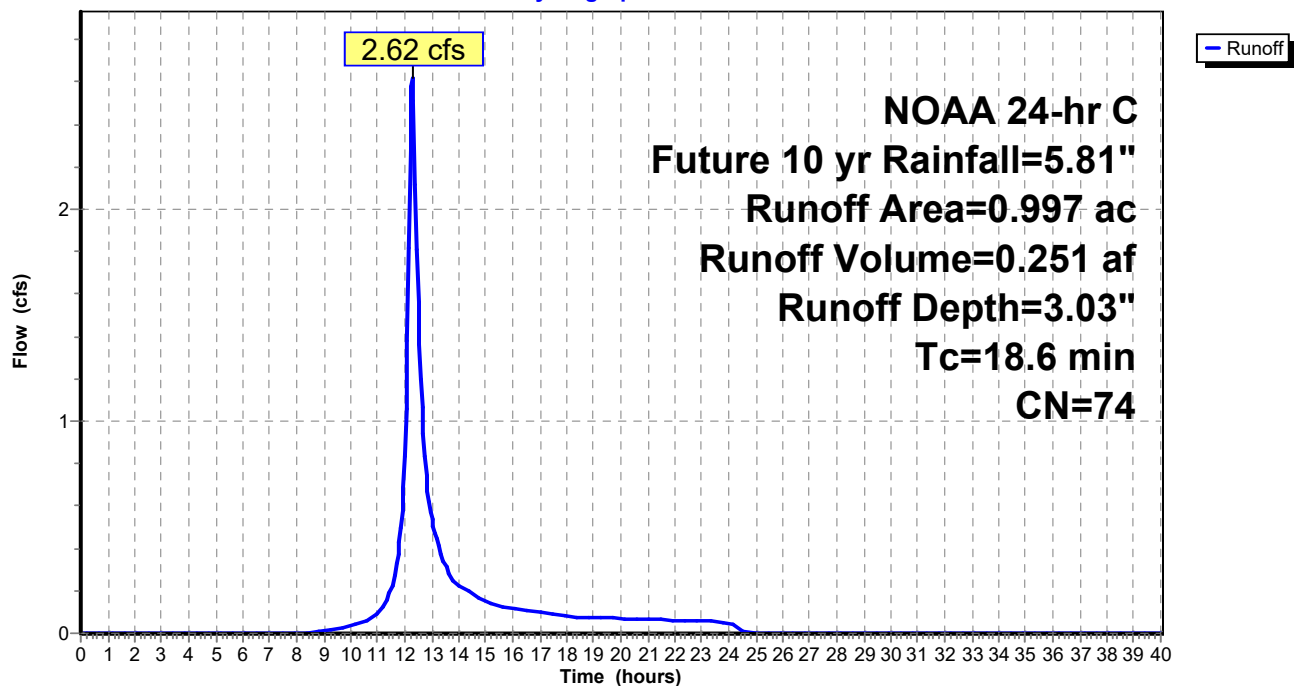
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.997	74	>75% Grass cover, Good, HSG C
0.997		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
18.6					Direct Entry,

Subcatchment 40P: PDA-40 (pervious)

Hydrograph



Hydrograph for Subcatchment 40P: PDA-40 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.01
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.01
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.02
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.02
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.03
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.03
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.04
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.04
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.04
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.04
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.05

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.54
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.50
10.50	1.20	0.06	0.05	13.10	4.46	1.94	0.47
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.45
10.60	1.23	0.07	0.06	13.20	4.50	1.98	0.42
10.65	1.25	0.07	0.06	13.25	4.52	1.99	0.40
10.70	1.27	0.08	0.07	13.30	4.54	2.01	0.38
10.75	1.29	0.08	0.07	13.35	4.56	2.02	0.36
10.80	1.31	0.09	0.08	13.40	4.58	2.03	0.35
10.85	1.33	0.09	0.08	13.45	4.60	2.05	0.33
10.90	1.35	0.10	0.09	13.50	4.61	2.06	0.32
10.95	1.37	0.11	0.09	13.55	4.63	2.07	0.30
11.00	1.39	0.11	0.10	13.60	4.64	2.08	0.29
11.05	1.42	0.12	0.11	13.65	4.66	2.09	0.28
11.10	1.45	0.13	0.12	13.70	4.67	2.10	0.27
11.15	1.48	0.14	0.12	13.75	4.68	2.12	0.25
11.20	1.51	0.15	0.13	13.80	4.70	2.13	0.25
11.25	1.54	0.16	0.15	13.85	4.71	2.14	0.24
11.30	1.57	0.17	0.16	13.90	4.72	2.15	0.23
11.35	1.61	0.18	0.17	13.95	4.74	2.16	0.23
11.40	1.64	0.20	0.19	14.00	4.75	2.17	0.22
11.45	1.68	0.21	0.20	14.05	4.76	2.18	0.22
11.50	1.72	0.23	0.22	14.10	4.78	2.19	0.21
11.55	1.78	0.25	0.23	14.15	4.79	2.20	0.21
11.60	1.83	0.28	0.25	14.20	4.80	2.21	0.21
11.65	1.90	0.30	0.29	14.25	4.81	2.21	0.20
11.70	1.96	0.33	0.33	14.30	4.82	2.22	0.20
11.75	2.04	0.37	0.38	14.35	4.83	2.23	0.20
11.80	2.13	0.41	0.43	14.40	4.85	2.24	0.19
11.85	2.25	0.47	0.49	14.45	4.86	2.25	0.19
11.90	2.36	0.53	0.58	14.50	4.87	2.26	0.19
11.95	2.57	0.65	0.68	14.55	4.88	2.27	0.18
12.00	2.77	0.77	0.83	14.60	4.89	2.27	0.18
12.05	3.11	0.98	1.06	14.65	4.90	2.28	0.18
12.10	3.45	1.20	1.38	14.70	4.91	2.29	0.17
12.15	3.56	1.28	1.82	14.75	4.92	2.30	0.17
12.20	3.68	1.37	2.28	14.80	4.93	2.31	0.17
12.25	3.77	1.43	2.58	14.85	4.94	2.31	0.16
12.30	3.85	1.49	2.61	14.90	4.94	2.32	0.16
12.35	3.91	1.53	2.42	14.95	4.95	2.33	0.16
12.40	3.98	1.58	2.12	15.00	4.96	2.33	0.15
12.45	4.03	1.62	1.82	15.05	4.97	2.34	0.15
12.50	4.09	1.67	1.56	15.10	4.98	2.35	0.15
12.55	4.13	1.69	1.36	15.15	4.99	2.35	0.14
12.60	4.17	1.72	1.20	15.20	4.99	2.36	0.14
12.65	4.20	1.75	1.06	15.25	5.00	2.37	0.14
12.70	4.24	1.77	0.94	15.30	5.01	2.37	0.13
12.75	4.27	1.80	0.83	15.35	5.02	2.38	0.13
12.80	4.30	1.82	0.74	15.40	5.03	2.38	0.13
12.85	4.33	1.85	0.67	15.45	5.03	2.39	0.13
12.90	4.36	1.87	0.62	15.50	5.04	2.40	0.13
12.95	4.39	1.89	0.57	15.55	5.05	2.40	0.13

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.13	18.20	5.37	2.66	0.08
15.65	5.06	2.41	0.13	18.25	5.37	2.67	0.08
15.70	5.07	2.42	0.12	18.30	5.38	2.67	0.08
15.75	5.08	2.43	0.12	18.35	5.38	2.67	0.08
15.80	5.09	2.43	0.12	18.40	5.39	2.68	0.08
15.85	5.09	2.44	0.12	18.45	5.39	2.68	0.08
15.90	5.10	2.44	0.12	18.50	5.40	2.68	0.08
15.95	5.11	2.45	0.12	18.55	5.40	2.69	0.08
16.00	5.11	2.46	0.12	18.60	5.40	2.69	0.08
16.05	5.12	2.46	0.12	18.65	5.41	2.69	0.08
16.10	5.13	2.47	0.12	18.70	5.41	2.70	0.08
16.15	5.13	2.47	0.12	18.75	5.42	2.70	0.07
16.20	5.14	2.48	0.12	18.80	5.42	2.71	0.07
16.25	5.15	2.48	0.11	18.85	5.43	2.71	0.07
16.30	5.16	2.49	0.11	18.90	5.43	2.71	0.07
16.35	5.16	2.49	0.11	18.95	5.44	2.72	0.07
16.40	5.17	2.50	0.11	19.00	5.44	2.72	0.07
16.45	5.17	2.50	0.11	19.05	5.44	2.72	0.07
16.50	5.18	2.51	0.11	19.10	5.45	2.73	0.07
16.55	5.19	2.52	0.11	19.15	5.45	2.73	0.07
16.60	5.19	2.52	0.11	19.20	5.46	2.73	0.07
16.65	5.20	2.53	0.11	19.25	5.46	2.74	0.07
16.70	5.21	2.53	0.11	19.30	5.47	2.74	0.07
16.75	5.21	2.54	0.11	19.35	5.47	2.75	0.07
16.80	5.22	2.54	0.10	19.40	5.48	2.75	0.07
16.85	5.23	2.55	0.10	19.45	5.48	2.75	0.07
16.90	5.23	2.55	0.10	19.50	5.48	2.76	0.07
16.95	5.24	2.55	0.10	19.55	5.49	2.76	0.07
17.00	5.24	2.56	0.10	19.60	5.49	2.76	0.07
17.05	5.25	2.56	0.10	19.65	5.50	2.77	0.07
17.10	5.25	2.57	0.10	19.70	5.50	2.77	0.07
17.15	5.26	2.57	0.10	19.75	5.50	2.77	0.07
17.20	5.27	2.58	0.10	19.80	5.51	2.78	0.07
17.25	5.27	2.58	0.10	19.85	5.51	2.78	0.07
17.30	5.28	2.59	0.10	19.90	5.52	2.78	0.07
17.35	5.28	2.59	0.09	19.95	5.52	2.79	0.07
17.40	5.29	2.60	0.09	20.00	5.53	2.79	0.07
17.45	5.29	2.60	0.09	20.05	5.53	2.79	0.07
17.50	5.30	2.61	0.09	20.10	5.53	2.80	0.07
17.55	5.30	2.61	0.09	20.15	5.54	2.80	0.07
17.60	5.31	2.61	0.09	20.20	5.54	2.80	0.07
17.65	5.31	2.62	0.09	20.25	5.55	2.81	0.07
17.70	5.32	2.62	0.09	20.30	5.55	2.81	0.07
17.75	5.33	2.63	0.09	20.35	5.55	2.81	0.07
17.80	5.33	2.63	0.09	20.40	5.56	2.82	0.07
17.85	5.34	2.63	0.09	20.45	5.56	2.82	0.07
17.90	5.34	2.64	0.08	20.50	5.57	2.82	0.07
17.95	5.34	2.64	0.08	20.55	5.57	2.83	0.07
18.00	5.35	2.65	0.08	20.60	5.57	2.83	0.07
18.05	5.35	2.65	0.08	20.65	5.58	2.83	0.07
18.10	5.36	2.65	0.08	20.70	5.58	2.84	0.07
18.15	5.36	2.66	0.08	20.75	5.59	2.84	0.07

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.07	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.07	23.45	5.78	3.00	0.05
20.90	5.60	2.85	0.07	23.50	5.78	3.00	0.05
20.95	5.60	2.85	0.07	23.55	5.78	3.00	0.05
21.00	5.61	2.86	0.06	23.60	5.78	3.00	0.05
21.05	5.61	2.86	0.06	23.65	5.79	3.01	0.05
21.10	5.61	2.86	0.06	23.70	5.79	3.01	0.05
21.15	5.62	2.87	0.06	23.75	5.79	3.01	0.05
21.20	5.62	2.87	0.06	23.80	5.80	3.01	0.05
21.25	5.62	2.87	0.06	23.85	5.80	3.02	0.05
21.30	5.63	2.87	0.06	23.90	5.80	3.02	0.05
21.35	5.63	2.88	0.06	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.06	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.06	24.05	5.81	3.03	0.05
21.50	5.64	2.89	0.06	24.10	5.81	3.03	0.05
21.55	5.65	2.89	0.06	24.15	5.81	3.03	0.05
21.60	5.65	2.89	0.06	24.20	5.81	3.03	0.04
21.65	5.65	2.90	0.06	24.25	5.81	3.03	0.03
21.70	5.66	2.90	0.06	24.30	5.81	3.03	0.02
21.75	5.66	2.90	0.06	24.35	5.81	3.03	0.01
21.80	5.66	2.90	0.06	24.40	5.81	3.03	0.01
21.85	5.67	2.91	0.06	24.45	5.81	3.03	0.01
21.90	5.67	2.91	0.06	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.06	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.06	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.06	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.06	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.06	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.06	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.06	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.06	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.06	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.06	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.06	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.06	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.06	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.06	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.06	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.06	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.06	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.06	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.06	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.06	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.06	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.06	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.06	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.06	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment UPDA-3: PDA-3 (undetained)

Runoff = 8.58 cfs @ 12.26 hrs, Volume= 0.788 af, Depth= 2.84"

Routed to Link PDA-3 : Proposed Drainage Area #3

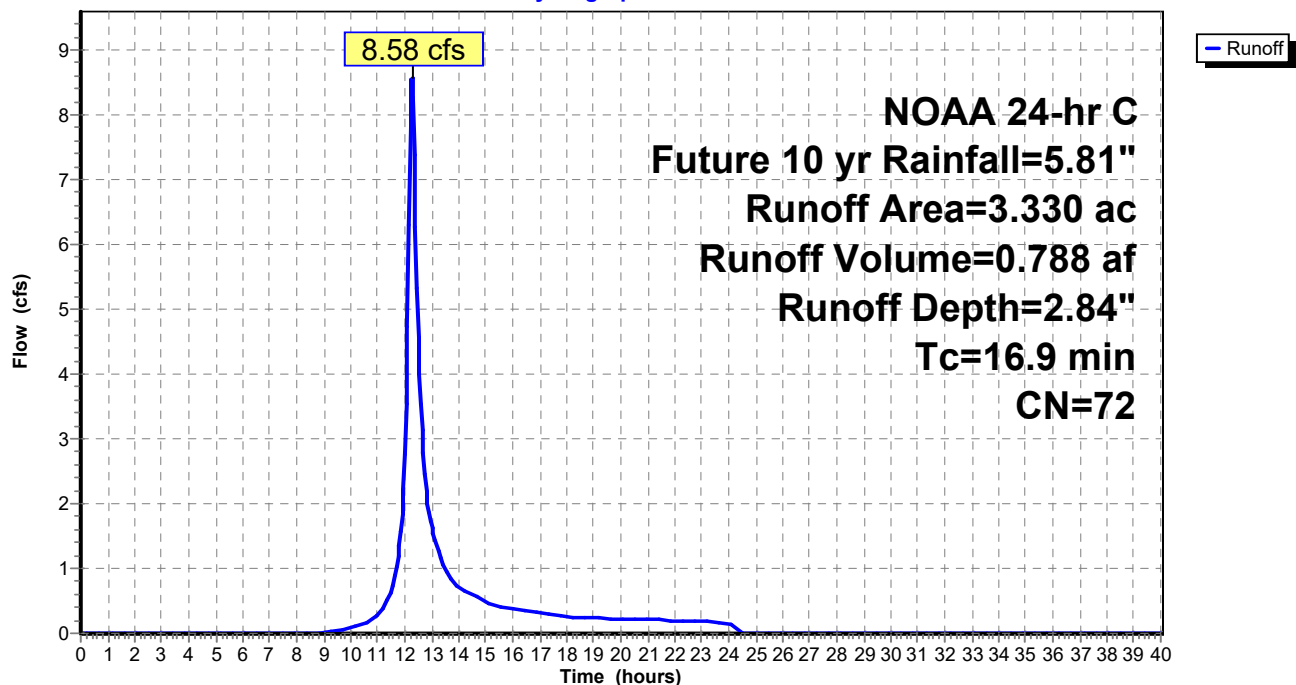
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.630	74	>75% Grass cover, Good, HSG C
1.700	70	Woods, Good, HSG C
3.330	72	Weighted Average
3.330		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
16.9					Direct Entry,

Subcatchment UPDA-3: PDA-3 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.00
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.00
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.00
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.00
6.35	0.50	0.00	0.00	8.95	0.84	0.00	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.00	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.00	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.00	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.00	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.00	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.00	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.00	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.00	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.01	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.01	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.01	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.01	0.05
7.10	0.58	0.00	0.00	9.70	0.99	0.01	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.01	0.06
7.20	0.59	0.00	0.00	9.80	1.01	0.01	0.06
7.25	0.60	0.00	0.00	9.85	1.02	0.01	0.07
7.30	0.60	0.00	0.00	9.90	1.03	0.02	0.07
7.35	0.61	0.00	0.00	9.95	1.05	0.02	0.08
7.40	0.62	0.00	0.00	10.00	1.06	0.02	0.08
7.45	0.62	0.00	0.00	10.05	1.07	0.02	0.09
7.50	0.63	0.00	0.00	10.10	1.09	0.02	0.09
7.55	0.64	0.00	0.00	10.15	1.10	0.02	0.10
7.60	0.64	0.00	0.00	10.20	1.11	0.03	0.10
7.65	0.65	0.00	0.00	10.25	1.13	0.03	0.11
7.70	0.65	0.00	0.00	10.30	1.14	0.03	0.12
7.75	0.66	0.00	0.00	10.35	1.15	0.03	0.12

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.04	0.13	13.00	4.42	1.76	1.64
10.45	1.18	0.04	0.14	13.05	4.44	1.78	1.54
10.50	1.20	0.04	0.14	13.10	4.46	1.79	1.46
10.55	1.21	0.04	0.15	13.15	4.48	1.81	1.38
10.60	1.23	0.05	0.16	13.20	4.50	1.82	1.31
10.65	1.25	0.05	0.17	13.25	4.52	1.84	1.24
10.70	1.27	0.05	0.18	13.30	4.54	1.85	1.18
10.75	1.29	0.06	0.20	13.35	4.56	1.87	1.13
10.80	1.31	0.06	0.21	13.40	4.58	1.88	1.08
10.85	1.33	0.07	0.23	13.45	4.60	1.89	1.04
10.90	1.35	0.07	0.25	13.50	4.61	1.90	0.99
10.95	1.37	0.08	0.27	13.55	4.63	1.91	0.95
11.00	1.39	0.08	0.29	13.60	4.64	1.93	0.91
11.05	1.42	0.09	0.31	13.65	4.66	1.94	0.87
11.10	1.45	0.10	0.33	13.70	4.67	1.95	0.83
11.15	1.48	0.11	0.36	13.75	4.68	1.96	0.80
11.20	1.51	0.11	0.39	13.80	4.70	1.97	0.77
11.25	1.54	0.12	0.43	13.85	4.71	1.98	0.75
11.30	1.57	0.13	0.46	13.90	4.72	1.99	0.73
11.35	1.61	0.15	0.51	13.95	4.74	2.00	0.72
11.40	1.64	0.16	0.55	14.00	4.75	2.01	0.70
11.45	1.68	0.17	0.60	14.05	4.76	2.02	0.69
11.50	1.72	0.18	0.65	14.10	4.78	2.03	0.68
11.55	1.78	0.20	0.70	14.15	4.79	2.04	0.67
11.60	1.83	0.23	0.77	14.20	4.80	2.04	0.66
11.65	1.90	0.25	0.88	14.25	4.81	2.05	0.65
11.70	1.96	0.27	1.02	14.30	4.82	2.06	0.64
11.75	2.04	0.31	1.18	14.35	4.83	2.07	0.63
11.80	2.13	0.35	1.36	14.40	4.85	2.08	0.62
11.85	2.25	0.40	1.57	14.45	4.86	2.09	0.61
11.90	2.36	0.46	1.84	14.50	4.87	2.10	0.59
11.95	2.57	0.56	2.22	14.55	4.88	2.10	0.58
12.00	2.77	0.67	2.75	14.60	4.89	2.11	0.57
12.05	3.11	0.87	3.55	14.65	4.90	2.12	0.56
12.10	3.45	1.09	4.74	14.70	4.91	2.13	0.55
12.15	3.56	1.16	6.31	14.75	4.92	2.13	0.54
12.20	3.68	1.24	7.83	14.80	4.93	2.14	0.53
12.25	3.77	1.30	8.55	14.85	4.94	2.15	0.52
12.30	3.85	1.36	8.28	14.90	4.94	2.16	0.51
12.35	3.91	1.40	7.38	14.95	4.95	2.16	0.50
12.40	3.98	1.44	6.28	15.00	4.96	2.17	0.49
12.45	4.03	1.48	5.34	15.05	4.97	2.17	0.48
12.50	4.09	1.53	4.59	15.10	4.98	2.18	0.47
12.55	4.13	1.55	4.00	15.15	4.99	2.19	0.46
12.60	4.17	1.58	3.54	15.20	4.99	2.19	0.45
12.65	4.20	1.61	3.15	15.25	5.00	2.20	0.44
12.70	4.24	1.63	2.78	15.30	5.01	2.21	0.43
12.75	4.27	1.65	2.46	15.35	5.02	2.21	0.42
12.80	4.30	1.68	2.21	15.40	5.03	2.22	0.42
12.85	4.33	1.70	2.01	15.45	5.03	2.22	0.41
12.90	4.36	1.72	1.86	15.50	5.04	2.23	0.41
12.95	4.39	1.74	1.74	15.55	5.05	2.24	0.41

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.24	0.40	18.20	5.37	2.49	0.25
15.65	5.06	2.25	0.40	18.25	5.37	2.49	0.25
15.70	5.07	2.25	0.40	18.30	5.38	2.49	0.25
15.75	5.08	2.26	0.40	18.35	5.38	2.50	0.25
15.80	5.09	2.26	0.39	18.40	5.39	2.50	0.25
15.85	5.09	2.27	0.39	18.45	5.39	2.50	0.25
15.90	5.10	2.27	0.39	18.50	5.40	2.51	0.25
15.95	5.11	2.28	0.38	18.55	5.40	2.51	0.24
16.00	5.11	2.29	0.38	18.60	5.40	2.51	0.24
16.05	5.12	2.29	0.38	18.65	5.41	2.52	0.24
16.10	5.13	2.30	0.38	18.70	5.41	2.52	0.24
16.15	5.13	2.30	0.37	18.75	5.42	2.52	0.24
16.20	5.14	2.31	0.37	18.80	5.42	2.53	0.24
16.25	5.15	2.31	0.37	18.85	5.43	2.53	0.24
16.30	5.16	2.32	0.37	18.90	5.43	2.54	0.24
16.35	5.16	2.32	0.36	18.95	5.44	2.54	0.24
16.40	5.17	2.33	0.36	19.00	5.44	2.54	0.24
16.45	5.17	2.33	0.36	19.05	5.44	2.55	0.24
16.50	5.18	2.34	0.35	19.10	5.45	2.55	0.24
16.55	5.19	2.34	0.35	19.15	5.45	2.55	0.24
16.60	5.19	2.35	0.35	19.20	5.46	2.56	0.24
16.65	5.20	2.35	0.35	19.25	5.46	2.56	0.23
16.70	5.21	2.36	0.34	19.30	5.47	2.56	0.23
16.75	5.21	2.36	0.34	19.35	5.47	2.57	0.23
16.80	5.22	2.37	0.34	19.40	5.48	2.57	0.23
16.85	5.23	2.37	0.33	19.45	5.48	2.57	0.23
16.90	5.23	2.38	0.33	19.50	5.48	2.58	0.23
16.95	5.24	2.38	0.33	19.55	5.49	2.58	0.23
17.00	5.24	2.39	0.32	19.60	5.49	2.58	0.23
17.05	5.25	2.39	0.32	19.65	5.50	2.59	0.23
17.10	5.25	2.40	0.32	19.70	5.50	2.59	0.23
17.15	5.26	2.40	0.32	19.75	5.50	2.59	0.23
17.20	5.27	2.40	0.31	19.80	5.51	2.60	0.23
17.25	5.27	2.41	0.31	19.85	5.51	2.60	0.23
17.30	5.28	2.41	0.31	19.90	5.52	2.60	0.23
17.35	5.28	2.42	0.30	19.95	5.52	2.61	0.23
17.40	5.29	2.42	0.30	20.00	5.53	2.61	0.22
17.45	5.29	2.43	0.30	20.05	5.53	2.61	0.22
17.50	5.30	2.43	0.30	20.10	5.53	2.62	0.22
17.55	5.30	2.43	0.29	20.15	5.54	2.62	0.22
17.60	5.31	2.44	0.29	20.20	5.54	2.62	0.22
17.65	5.31	2.44	0.29	20.25	5.55	2.63	0.22
17.70	5.32	2.45	0.28	20.30	5.55	2.63	0.22
17.75	5.33	2.45	0.28	20.35	5.55	2.63	0.22
17.80	5.33	2.46	0.28	20.40	5.56	2.64	0.22
17.85	5.34	2.46	0.28	20.45	5.56	2.64	0.22
17.90	5.34	2.46	0.27	20.50	5.57	2.64	0.22
17.95	5.34	2.47	0.27	20.55	5.57	2.65	0.22
18.00	5.35	2.47	0.27	20.60	5.57	2.65	0.22
18.05	5.35	2.47	0.26	20.65	5.58	2.65	0.21
18.10	5.36	2.48	0.26	20.70	5.58	2.65	0.21
18.15	5.36	2.48	0.26	20.75	5.59	2.66	0.21

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.66	0.21	23.40	5.77	2.81	0.17
20.85	5.59	2.66	0.21	23.45	5.78	2.81	0.17
20.90	5.60	2.67	0.21	23.50	5.78	2.81	0.17
20.95	5.60	2.67	0.21	23.55	5.78	2.82	0.17
21.00	5.61	2.67	0.21	23.60	5.78	2.82	0.17
21.05	5.61	2.68	0.21	23.65	5.79	2.82	0.17
21.10	5.61	2.68	0.21	23.70	5.79	2.82	0.17
21.15	5.62	2.68	0.21	23.75	5.79	2.83	0.17
21.20	5.62	2.69	0.21	23.80	5.80	2.83	0.17
21.25	5.62	2.69	0.21	23.85	5.80	2.83	0.17
21.30	5.63	2.69	0.20	23.90	5.80	2.83	0.17
21.35	5.63	2.69	0.20	23.95	5.81	2.84	0.17
21.40	5.64	2.70	0.20	24.00	5.81	2.84	0.17
21.45	5.64	2.70	0.20	24.05	5.81	2.84	0.17
21.50	5.64	2.70	0.20	24.10	5.81	2.84	0.17
21.55	5.65	2.71	0.20	24.15	5.81	2.84	0.15
21.60	5.65	2.71	0.20	24.20	5.81	2.84	0.12
21.65	5.65	2.71	0.20	24.25	5.81	2.84	0.09
21.70	5.66	2.72	0.20	24.30	5.81	2.84	0.06
21.75	5.66	2.72	0.20	24.35	5.81	2.84	0.04
21.80	5.66	2.72	0.20	24.40	5.81	2.84	0.02
21.85	5.67	2.72	0.20	24.45	5.81	2.84	0.01
21.90	5.67	2.73	0.20	24.50	5.81	2.84	0.01
21.95	5.68	2.73	0.20	24.55	5.81	2.84	0.01
22.00	5.68	2.73	0.20	24.60	5.81	2.84	0.00
22.05	5.68	2.74	0.19	24.65	5.81	2.84	0.00
22.10	5.69	2.74	0.19	24.70	5.81	2.84	0.00
22.15	5.69	2.74	0.19	24.75	5.81	2.84	0.00
22.20	5.69	2.74	0.19	24.80	5.81	2.84	0.00
22.25	5.70	2.75	0.19	24.85	5.81	2.84	0.00
22.30	5.70	2.75	0.19	24.90	5.81	2.84	0.00
22.35	5.70	2.75	0.19	24.95	5.81	2.84	0.00
22.40	5.71	2.75	0.19	25.00	5.81	2.84	0.00
22.45	5.71	2.76	0.19	25.05	5.81	2.84	0.00
22.50	5.71	2.76	0.19	25.10	5.81	2.84	0.00
22.55	5.72	2.76	0.19	25.15	5.81	2.84	0.00
22.60	5.72	2.77	0.19	25.20	5.81	2.84	0.00
22.65	5.72	2.77	0.19	25.25	5.81	2.84	0.00
22.70	5.73	2.77	0.18	25.30	5.81	2.84	0.00
22.75	5.73	2.77	0.18	25.35	5.81	2.84	0.00
22.80	5.73	2.78	0.18	25.40	5.81	2.84	0.00
22.85	5.74	2.78	0.18	25.45	5.81	2.84	0.00
22.90	5.74	2.78	0.18	25.50	5.81	2.84	0.00
22.95	5.74	2.78	0.18	25.55	5.81	2.84	0.00
23.00	5.75	2.79	0.18	25.60	5.81	2.84	0.00
23.05	5.75	2.79	0.18	25.65	5.81	2.84	0.00
23.10	5.75	2.79	0.18	25.70	5.81	2.84	0.00
23.15	5.76	2.80	0.18	25.75	5.81	2.84	0.00
23.20	5.76	2.80	0.18	25.80	5.81	2.84	0.00
23.25	5.76	2.80	0.18	25.85	5.81	2.84	0.00
23.30	5.77	2.80	0.18	25.90	5.81	2.84	0.00
23.35	5.77	2.81	0.17	25.95	5.81	2.84	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	2.84	0.00	28.60	5.81	2.84	0.00
26.05	5.81	2.84	0.00	28.65	5.81	2.84	0.00
26.10	5.81	2.84	0.00	28.70	5.81	2.84	0.00
26.15	5.81	2.84	0.00	28.75	5.81	2.84	0.00
26.20	5.81	2.84	0.00	28.80	5.81	2.84	0.00
26.25	5.81	2.84	0.00	28.85	5.81	2.84	0.00
26.30	5.81	2.84	0.00	28.90	5.81	2.84	0.00
26.35	5.81	2.84	0.00	28.95	5.81	2.84	0.00
26.40	5.81	2.84	0.00	29.00	5.81	2.84	0.00
26.45	5.81	2.84	0.00	29.05	5.81	2.84	0.00
26.50	5.81	2.84	0.00	29.10	5.81	2.84	0.00
26.55	5.81	2.84	0.00	29.15	5.81	2.84	0.00
26.60	5.81	2.84	0.00	29.20	5.81	2.84	0.00
26.65	5.81	2.84	0.00	29.25	5.81	2.84	0.00
26.70	5.81	2.84	0.00	29.30	5.81	2.84	0.00
26.75	5.81	2.84	0.00	29.35	5.81	2.84	0.00
26.80	5.81	2.84	0.00	29.40	5.81	2.84	0.00
26.85	5.81	2.84	0.00	29.45	5.81	2.84	0.00
26.90	5.81	2.84	0.00	29.50	5.81	2.84	0.00
26.95	5.81	2.84	0.00	29.55	5.81	2.84	0.00
27.00	5.81	2.84	0.00	29.60	5.81	2.84	0.00
27.05	5.81	2.84	0.00	29.65	5.81	2.84	0.00
27.10	5.81	2.84	0.00	29.70	5.81	2.84	0.00
27.15	5.81	2.84	0.00	29.75	5.81	2.84	0.00
27.20	5.81	2.84	0.00	29.80	5.81	2.84	0.00
27.25	5.81	2.84	0.00	29.85	5.81	2.84	0.00
27.30	5.81	2.84	0.00	29.90	5.81	2.84	0.00
27.35	5.81	2.84	0.00	29.95	5.81	2.84	0.00
27.40	5.81	2.84	0.00	30.00	5.81	2.84	0.00
27.45	5.81	2.84	0.00	30.05	5.81	2.84	0.00
27.50	5.81	2.84	0.00	30.10	5.81	2.84	0.00
27.55	5.81	2.84	0.00	30.15	5.81	2.84	0.00
27.60	5.81	2.84	0.00	30.20	5.81	2.84	0.00
27.65	5.81	2.84	0.00	30.25	5.81	2.84	0.00
27.70	5.81	2.84	0.00	30.30	5.81	2.84	0.00
27.75	5.81	2.84	0.00	30.35	5.81	2.84	0.00
27.80	5.81	2.84	0.00	30.40	5.81	2.84	0.00
27.85	5.81	2.84	0.00	30.45	5.81	2.84	0.00
27.90	5.81	2.84	0.00	30.50	5.81	2.84	0.00
27.95	5.81	2.84	0.00	30.55	5.81	2.84	0.00
28.00	5.81	2.84	0.00	30.60	5.81	2.84	0.00
28.05	5.81	2.84	0.00	30.65	5.81	2.84	0.00
28.10	5.81	2.84	0.00	30.70	5.81	2.84	0.00
28.15	5.81	2.84	0.00	30.75	5.81	2.84	0.00
28.20	5.81	2.84	0.00	30.80	5.81	2.84	0.00
28.25	5.81	2.84	0.00	30.85	5.81	2.84	0.00
28.30	5.81	2.84	0.00	30.90	5.81	2.84	0.00
28.35	5.81	2.84	0.00	30.95	5.81	2.84	0.00
28.40	5.81	2.84	0.00	31.00	5.81	2.84	0.00
28.45	5.81	2.84	0.00	31.05	5.81	2.84	0.00
28.50	5.81	2.84	0.00	31.10	5.81	2.84	0.00
28.55	5.81	2.84	0.00	31.15	5.81	2.84	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	2.84	0.00	33.80	5.81	2.84	0.00
31.25	5.81	2.84	0.00	33.85	5.81	2.84	0.00
31.30	5.81	2.84	0.00	33.90	5.81	2.84	0.00
31.35	5.81	2.84	0.00	33.95	5.81	2.84	0.00
31.40	5.81	2.84	0.00	34.00	5.81	2.84	0.00
31.45	5.81	2.84	0.00	34.05	5.81	2.84	0.00
31.50	5.81	2.84	0.00	34.10	5.81	2.84	0.00
31.55	5.81	2.84	0.00	34.15	5.81	2.84	0.00
31.60	5.81	2.84	0.00	34.20	5.81	2.84	0.00
31.65	5.81	2.84	0.00	34.25	5.81	2.84	0.00
31.70	5.81	2.84	0.00	34.30	5.81	2.84	0.00
31.75	5.81	2.84	0.00	34.35	5.81	2.84	0.00
31.80	5.81	2.84	0.00	34.40	5.81	2.84	0.00
31.85	5.81	2.84	0.00	34.45	5.81	2.84	0.00
31.90	5.81	2.84	0.00	34.50	5.81	2.84	0.00
31.95	5.81	2.84	0.00	34.55	5.81	2.84	0.00
32.00	5.81	2.84	0.00	34.60	5.81	2.84	0.00
32.05	5.81	2.84	0.00	34.65	5.81	2.84	0.00
32.10	5.81	2.84	0.00	34.70	5.81	2.84	0.00
32.15	5.81	2.84	0.00	34.75	5.81	2.84	0.00
32.20	5.81	2.84	0.00	34.80	5.81	2.84	0.00
32.25	5.81	2.84	0.00	34.85	5.81	2.84	0.00
32.30	5.81	2.84	0.00	34.90	5.81	2.84	0.00
32.35	5.81	2.84	0.00	34.95	5.81	2.84	0.00
32.40	5.81	2.84	0.00	35.00	5.81	2.84	0.00
32.45	5.81	2.84	0.00	35.05	5.81	2.84	0.00
32.50	5.81	2.84	0.00	35.10	5.81	2.84	0.00
32.55	5.81	2.84	0.00	35.15	5.81	2.84	0.00
32.60	5.81	2.84	0.00	35.20	5.81	2.84	0.00
32.65	5.81	2.84	0.00	35.25	5.81	2.84	0.00
32.70	5.81	2.84	0.00	35.30	5.81	2.84	0.00
32.75	5.81	2.84	0.00	35.35	5.81	2.84	0.00
32.80	5.81	2.84	0.00	35.40	5.81	2.84	0.00
32.85	5.81	2.84	0.00	35.45	5.81	2.84	0.00
32.90	5.81	2.84	0.00	35.50	5.81	2.84	0.00
32.95	5.81	2.84	0.00	35.55	5.81	2.84	0.00
33.00	5.81	2.84	0.00	35.60	5.81	2.84	0.00
33.05	5.81	2.84	0.00	35.65	5.81	2.84	0.00
33.10	5.81	2.84	0.00	35.70	5.81	2.84	0.00
33.15	5.81	2.84	0.00	35.75	5.81	2.84	0.00
33.20	5.81	2.84	0.00	35.80	5.81	2.84	0.00
33.25	5.81	2.84	0.00	35.85	5.81	2.84	0.00
33.30	5.81	2.84	0.00	35.90	5.81	2.84	0.00
33.35	5.81	2.84	0.00	35.95	5.81	2.84	0.00
33.40	5.81	2.84	0.00	36.00	5.81	2.84	0.00
33.45	5.81	2.84	0.00	36.05	5.81	2.84	0.00
33.50	5.81	2.84	0.00	36.10	5.81	2.84	0.00
33.55	5.81	2.84	0.00	36.15	5.81	2.84	0.00
33.60	5.81	2.84	0.00	36.20	5.81	2.84	0.00
33.65	5.81	2.84	0.00	36.25	5.81	2.84	0.00
33.70	5.81	2.84	0.00	36.30	5.81	2.84	0.00
33.75	5.81	2.84	0.00	36.35	5.81	2.84	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	2.84	0.00	39.00	5.81	2.84	0.00
36.45	5.81	2.84	0.00	39.05	5.81	2.84	0.00
36.50	5.81	2.84	0.00	39.10	5.81	2.84	0.00
36.55	5.81	2.84	0.00	39.15	5.81	2.84	0.00
36.60	5.81	2.84	0.00	39.20	5.81	2.84	0.00
36.65	5.81	2.84	0.00	39.25	5.81	2.84	0.00
36.70	5.81	2.84	0.00	39.30	5.81	2.84	0.00
36.75	5.81	2.84	0.00	39.35	5.81	2.84	0.00
36.80	5.81	2.84	0.00	39.40	5.81	2.84	0.00
36.85	5.81	2.84	0.00	39.45	5.81	2.84	0.00
36.90	5.81	2.84	0.00	39.50	5.81	2.84	0.00
36.95	5.81	2.84	0.00	39.55	5.81	2.84	0.00
37.00	5.81	2.84	0.00	39.60	5.81	2.84	0.00
37.05	5.81	2.84	0.00	39.65	5.81	2.84	0.00
37.10	5.81	2.84	0.00	39.70	5.81	2.84	0.00
37.15	5.81	2.84	0.00	39.75	5.81	2.84	0.00
37.20	5.81	2.84	0.00	39.80	5.81	2.84	0.00
37.25	5.81	2.84	0.00	39.85	5.81	2.84	0.00
37.30	5.81	2.84	0.00	39.90	5.81	2.84	0.00
37.35	5.81	2.84	0.00	39.95	5.81	2.84	0.00
37.40	5.81	2.84	0.00	40.00	5.81	2.84	0.00
37.45	5.81	2.84	0.00				
37.50	5.81	2.84	0.00				
37.55	5.81	2.84	0.00				
37.60	5.81	2.84	0.00				
37.65	5.81	2.84	0.00				
37.70	5.81	2.84	0.00				
37.75	5.81	2.84	0.00				
37.80	5.81	2.84	0.00				
37.85	5.81	2.84	0.00				
37.90	5.81	2.84	0.00				
37.95	5.81	2.84	0.00				
38.00	5.81	2.84	0.00				
38.05	5.81	2.84	0.00				
38.10	5.81	2.84	0.00				
38.15	5.81	2.84	0.00				
38.20	5.81	2.84	0.00				
38.25	5.81	2.84	0.00				
38.30	5.81	2.84	0.00				
38.35	5.81	2.84	0.00				
38.40	5.81	2.84	0.00				
38.45	5.81	2.84	0.00				
38.50	5.81	2.84	0.00				
38.55	5.81	2.84	0.00				
38.60	5.81	2.84	0.00				
38.65	5.81	2.84	0.00				
38.70	5.81	2.84	0.00				
38.75	5.81	2.84	0.00				
38.80	5.81	2.84	0.00				
38.85	5.81	2.84	0.00				
38.90	5.81	2.84	0.00				
38.95	5.81	2.84	0.00				

Summary for Pond 1P: Porous Pavement

Inflow Area = 0.568 ac, 100.00% Impervious, Inflow Depth = 5.57" for Future 10 yr event
 Inflow = 3.76 cfs @ 12.09 hrs, Volume= 0.264 af
 Outflow = 1.96 cfs @ 12.18 hrs, Volume= 0.215 af, Atten= 48%, Lag= 5.3 min
 Primary = 1.96 cfs @ 12.18 hrs, Volume= 0.215 af
 Routed to Pond B-40 : Basin #40

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.42' @ 12.18 hrs Surf.Area= 0.070 ac Storage= 0.094 af

Plug-Flow detention time= 166.1 min calculated for 0.214 af (81% of inflow)
 Center-of-Mass det. time= 90.0 min (833.9 - 744.0)

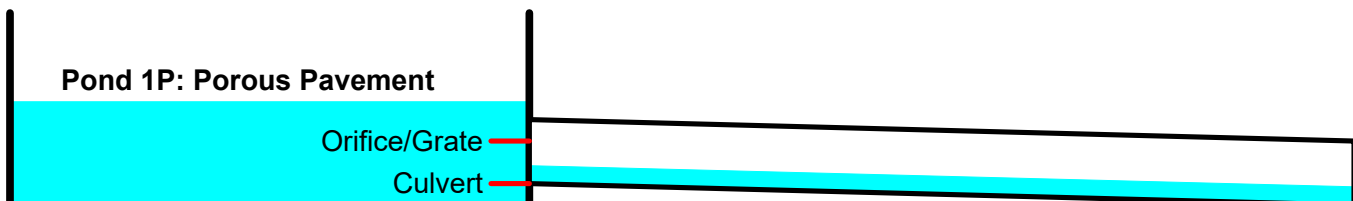
Volume	Invert	Avail.Storage	Storage Description
#1A	202.00'	0.082 af	48.50'W x 63.00'L x 4.50'H Field A 0.316 af Overall - 0.110 af Embedded = 0.206 af x 40.0% Voids
#2A	202.50'	0.088 af	ADS N-12 36" x 27 Inside #1 Inside= 36.1"W x 36.1"H => 7.10 sf x 20.00'L = 142.0 cf Outside= 42.0"W x 42.0"H => 8.86 sf x 20.00'L = 177.1 cf 27 Chambers in 9 Rows
0.170 af			Total Available Storage

Storage Group A created with Chamber Wizard

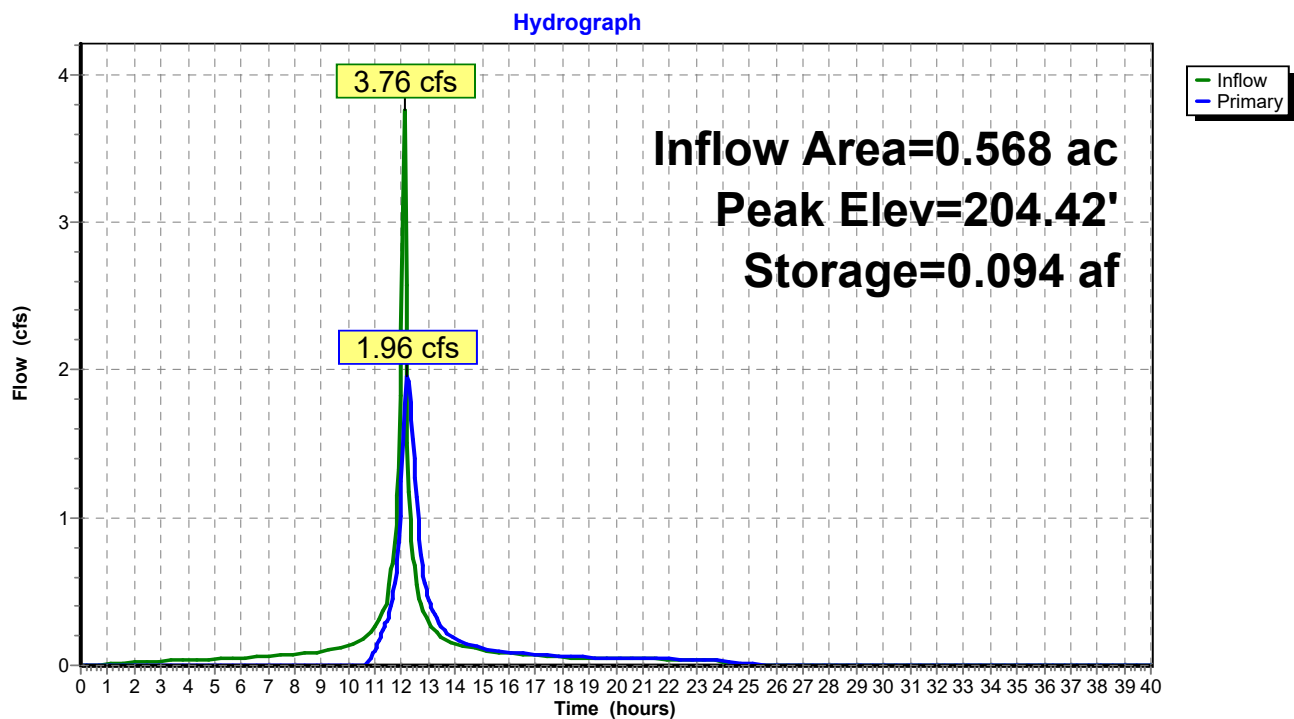
Device	Routing	Invert	Outlet Devices
#1	Primary	202.50'	18.0" Round Culvert L= 100.0' Ke= 1.000 Inlet / Outlet Invert= 202.50' / 202.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	203.50'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=1.95 cfs @ 12.18 hrs HW=204.41' (Free Discharge)

↑ **1=Culvert** (Passes 1.95 cfs of 6.89 cfs potential flow)
 ↑ **2=Orifice/Grate** (Orifice Controls 1.95 cfs @ 3.90 fps)



Pond 1P: Porous Pavement



Hydrograph for Pond 1P: Porous Pavement

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.000	202.00	0.00
0.10	0.00	0.000	202.00	0.00
0.20	0.00	0.000	202.00	0.00
0.30	0.00	0.000	202.00	0.00
0.40	0.00	0.000	202.00	0.00
0.50	0.00	0.000	202.00	0.00
0.60	0.00	0.000	202.00	0.00
0.70	0.00	0.000	202.00	0.00
0.80	0.00	0.000	202.00	0.00
0.90	0.00	0.000	202.00	0.00
1.00	0.01	0.000	202.00	0.00
1.10	0.01	0.000	202.00	0.00
1.20	0.01	0.000	202.01	0.00
1.30	0.01	0.000	202.01	0.00
1.40	0.01	0.000	202.01	0.00
1.50	0.01	0.001	202.02	0.00
1.60	0.02	0.001	202.02	0.00
1.70	0.02	0.001	202.03	0.00
1.80	0.02	0.001	202.03	0.00
1.90	0.02	0.001	202.04	0.00
2.00	0.02	0.001	202.04	0.00
2.10	0.02	0.001	202.05	0.00
2.20	0.02	0.002	202.06	0.00
2.30	0.02	0.002	202.06	0.00
2.40	0.02	0.002	202.07	0.00
2.50	0.03	0.002	202.08	0.00
2.60	0.03	0.002	202.09	0.00
2.70	0.03	0.003	202.09	0.00
2.80	0.03	0.003	202.10	0.00
2.90	0.03	0.003	202.11	0.00
3.00	0.03	0.003	202.12	0.00
3.10	0.03	0.004	202.13	0.00
3.20	0.03	0.004	202.14	0.00
3.30	0.03	0.004	202.15	0.00
3.40	0.03	0.004	202.16	0.00
3.50	0.03	0.005	202.17	0.00
3.60	0.03	0.005	202.18	0.00
3.70	0.04	0.005	202.19	0.00
3.80	0.04	0.006	202.20	0.00
3.90	0.04	0.006	202.21	0.00
4.00	0.04	0.006	202.22	0.00
4.10	0.04	0.006	202.23	0.00
4.20	0.04	0.007	202.24	0.00
4.30	0.04	0.007	202.25	0.00
4.40	0.04	0.007	202.26	0.00
4.50	0.04	0.008	202.27	0.00
4.60	0.04	0.008	202.29	0.00
4.70	0.04	0.008	202.30	0.00
4.80	0.04	0.009	202.31	0.00
4.90	0.04	0.009	202.32	0.00
5.00	0.04	0.009	202.34	0.00
5.10	0.04	0.010	202.35	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	0.010	202.36	0.00
5.30	0.04	0.010	202.37	0.00
5.40	0.04	0.011	202.39	0.00
5.50	0.05	0.011	202.40	0.00
5.60	0.05	0.012	202.41	0.00
5.70	0.05	0.012	202.43	0.00
5.80	0.05	0.012	202.44	0.00
5.90	0.05	0.013	202.45	0.00
6.00	0.05	0.013	202.47	0.00
6.10	0.05	0.014	202.48	0.00
6.20	0.05	0.014	202.50	0.00
6.30	0.05	0.014	202.51	0.00
6.40	0.05	0.015	202.53	0.00
6.50	0.05	0.015	202.55	0.00
6.60	0.06	0.016	202.57	0.00
6.70	0.06	0.016	202.59	0.00
6.80	0.06	0.017	202.61	0.00
6.90	0.06	0.017	202.63	0.00
7.00	0.06	0.018	202.65	0.00
7.10	0.06	0.018	202.68	0.00
7.20	0.06	0.019	202.70	0.00
7.30	0.07	0.019	202.73	0.00
7.40	0.07	0.020	202.76	0.00
7.50	0.07	0.020	202.78	0.00
7.60	0.07	0.021	202.80	0.00
7.70	0.07	0.022	202.82	0.00
7.80	0.07	0.022	202.84	0.00
7.90	0.07	0.023	202.86	0.00
8.00	0.08	0.023	202.87	0.00
8.10	0.08	0.024	202.89	0.00
8.20	0.08	0.025	202.91	0.00
8.30	0.08	0.025	202.93	0.00
8.40	0.08	0.026	202.95	0.00
8.50	0.08	0.027	202.97	0.00
8.60	0.08	0.027	202.99	0.00
8.70	0.09	0.028	203.01	0.00
8.80	0.09	0.029	203.02	0.00
8.90	0.09	0.029	203.04	0.00
9.00	0.09	0.030	203.06	0.00
9.10	0.09	0.031	203.08	0.00
9.20	0.10	0.032	203.10	0.00
9.30	0.10	0.033	203.12	0.00
9.40	0.11	0.033	203.14	0.00
9.50	0.11	0.034	203.17	0.00
9.60	0.12	0.035	203.19	0.00
9.70	0.12	0.036	203.21	0.00
9.80	0.13	0.037	203.24	0.00
9.90	0.13	0.038	203.26	0.00
10.00	0.14	0.040	203.29	0.00
10.10	0.14	0.041	203.32	0.00
10.20	0.15	0.042	203.34	0.00
10.30	0.15	0.043	203.37	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	0.044	203.40	0.00
10.50	0.16	0.046	203.43	0.00
10.60	0.18	0.047	203.46	0.00
10.70	0.20	0.049	203.50	0.00
10.80	0.22	0.051	203.53	0.02
10.90	0.24	0.052	203.57	0.06
11.00	0.26	0.054	203.60	0.10
11.10	0.29	0.055	203.63	0.14
11.20	0.33	0.056	203.65	0.19
11.30	0.36	0.057	203.67	0.23
11.40	0.40	0.058	203.70	0.28
11.50	0.43	0.059	203.72	0.32
11.60	0.65	0.061	203.75	0.40
11.70	0.70	0.063	203.79	0.50
11.80	0.95	0.065	203.84	0.62
11.90	1.32	0.068	203.91	0.83
12.00	2.27	0.075	204.04	1.25
12.10	3.74	0.088	204.30	1.77
12.20	1.50	0.093	204.42	1.95
12.30	0.99	0.088	204.31	1.78
12.40	0.72	0.081	204.17	1.53
12.50	0.67	0.075	204.05	1.27
12.60	0.45	0.071	203.95	0.98
12.70	0.41	0.067	203.88	0.75
12.80	0.37	0.065	203.83	0.61
12.90	0.34	0.063	203.80	0.51
13.00	0.30	0.062	203.77	0.44
13.10	0.27	0.060	203.74	0.39
13.20	0.25	0.060	203.73	0.34
13.30	0.23	0.059	203.71	0.31
13.40	0.21	0.058	203.70	0.28
13.50	0.19	0.058	203.68	0.25
13.60	0.17	0.057	203.67	0.23
13.70	0.16	0.057	203.66	0.21
13.80	0.16	0.056	203.66	0.20
13.90	0.15	0.056	203.65	0.19
14.00	0.15	0.056	203.64	0.18
14.10	0.14	0.055	203.64	0.17
14.20	0.14	0.055	203.64	0.16
14.30	0.13	0.055	203.63	0.15
14.40	0.13	0.055	203.63	0.15
14.50	0.12	0.055	203.62	0.14
14.60	0.12	0.055	203.62	0.14
14.70	0.11	0.054	203.62	0.13
14.80	0.11	0.054	203.62	0.13
14.90	0.10	0.054	203.61	0.12
15.00	0.10	0.054	203.61	0.12
15.10	0.09	0.054	203.61	0.11
15.20	0.09	0.054	203.60	0.11
15.30	0.09	0.054	203.60	0.10
15.40	0.09	0.054	203.60	0.10
15.50	0.09	0.053	203.60	0.10

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
15.60	0.09	0.053	203.59	0.09
15.70	0.09	0.053	203.59	0.09
15.80	0.08	0.053	203.59	0.09
15.90	0.08	0.053	203.59	0.09
16.00	0.08	0.053	203.59	0.09
16.10	0.08	0.053	203.59	0.09
16.20	0.08	0.053	203.59	0.08
16.30	0.08	0.053	203.59	0.08
16.40	0.08	0.053	203.59	0.08
16.50	0.07	0.053	203.59	0.08
16.60	0.07	0.053	203.58	0.08
16.70	0.07	0.053	203.58	0.08
16.80	0.07	0.053	203.58	0.08
16.90	0.07	0.053	203.58	0.07
17.00	0.07	0.053	203.58	0.07
17.10	0.07	0.053	203.58	0.07
17.20	0.07	0.053	203.58	0.07
17.30	0.06	0.053	203.58	0.07
17.40	0.06	0.053	203.58	0.07
17.50	0.06	0.052	203.58	0.07
17.60	0.06	0.052	203.57	0.07
17.70	0.06	0.052	203.57	0.06
17.80	0.06	0.052	203.57	0.06
17.90	0.06	0.052	203.57	0.06
18.00	0.05	0.052	203.57	0.06
18.10	0.05	0.052	203.57	0.06
18.20	0.05	0.052	203.57	0.06
18.30	0.05	0.052	203.57	0.06
18.40	0.05	0.052	203.57	0.06
18.50	0.05	0.052	203.57	0.06
18.60	0.05	0.052	203.57	0.05
18.70	0.05	0.052	203.57	0.05
18.80	0.05	0.052	203.56	0.05
18.90	0.05	0.052	203.56	0.05
19.00	0.05	0.052	203.56	0.05
19.10	0.05	0.052	203.56	0.05
19.20	0.05	0.052	203.56	0.05
19.30	0.05	0.052	203.56	0.05
19.40	0.05	0.052	203.56	0.05
19.50	0.05	0.052	203.56	0.05
19.60	0.05	0.052	203.56	0.05
19.70	0.05	0.052	203.56	0.05
19.80	0.05	0.052	203.56	0.05
19.90	0.05	0.052	203.56	0.05
20.00	0.05	0.052	203.56	0.05
20.10	0.05	0.052	203.56	0.05
20.20	0.05	0.052	203.56	0.05
20.30	0.05	0.052	203.56	0.05
20.40	0.05	0.052	203.56	0.05
20.50	0.05	0.052	203.56	0.05
20.60	0.05	0.052	203.56	0.05
20.70	0.04	0.052	203.56	0.05

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
20.80	0.04	0.052	203.56	0.05
20.90	0.04	0.052	203.56	0.05
21.00	0.04	0.052	203.56	0.05
21.10	0.04	0.052	203.56	0.05
21.20	0.04	0.052	203.56	0.04
21.30	0.04	0.052	203.56	0.04
21.40	0.04	0.052	203.56	0.04
21.50	0.04	0.052	203.56	0.04
21.60	0.04	0.052	203.56	0.04
21.70	0.04	0.052	203.56	0.04
21.80	0.04	0.052	203.56	0.04
21.90	0.04	0.052	203.56	0.04
22.00	0.04	0.052	203.56	0.04
22.10	0.04	0.052	203.55	0.04
22.20	0.04	0.052	203.55	0.04
22.30	0.04	0.052	203.55	0.04
22.40	0.04	0.051	203.55	0.04
22.50	0.04	0.051	203.55	0.04
22.60	0.04	0.051	203.55	0.04
22.70	0.04	0.051	203.55	0.04
22.80	0.04	0.051	203.55	0.04
22.90	0.04	0.051	203.55	0.04
23.00	0.04	0.051	203.55	0.04
23.10	0.04	0.051	203.55	0.04
23.20	0.04	0.051	203.55	0.04
23.30	0.04	0.051	203.55	0.04
23.40	0.04	0.051	203.55	0.04
23.50	0.04	0.051	203.55	0.04
23.60	0.04	0.051	203.55	0.04
23.70	0.04	0.051	203.55	0.04
23.80	0.03	0.051	203.55	0.04
23.90	0.03	0.051	203.55	0.04
24.00	0.04	0.051	203.55	0.04
24.10	0.00	0.051	203.55	0.03
24.20	0.00	0.051	203.54	0.03
24.30	0.00	0.051	203.54	0.02
24.40	0.00	0.051	203.53	0.02
24.50	0.00	0.050	203.53	0.02
24.60	0.00	0.050	203.53	0.01
24.70	0.00	0.050	203.53	0.01
24.80	0.00	0.050	203.52	0.01
24.90	0.00	0.050	203.52	0.01
25.00	0.00	0.050	203.52	0.01
25.10	0.00	0.050	203.52	0.01
25.20	0.00	0.050	203.52	0.01
25.30	0.00	0.050	203.52	0.01
25.40	0.00	0.050	203.51	0.01
25.50	0.00	0.050	203.51	0.01
25.60	0.00	0.050	203.51	0.00
25.70	0.00	0.050	203.51	0.00
25.80	0.00	0.049	203.51	0.00
25.90	0.00	0.049	203.51	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.049	203.51	0.00
26.10	0.00	0.049	203.51	0.00
26.20	0.00	0.049	203.51	0.00
26.30	0.00	0.049	203.51	0.00
26.40	0.00	0.049	203.51	0.00
26.50	0.00	0.049	203.51	0.00
26.60	0.00	0.049	203.51	0.00
26.70	0.00	0.049	203.51	0.00
26.80	0.00	0.049	203.51	0.00
26.90	0.00	0.049	203.50	0.00
27.00	0.00	0.049	203.50	0.00
27.10	0.00	0.049	203.50	0.00
27.20	0.00	0.049	203.50	0.00
27.30	0.00	0.049	203.50	0.00
27.40	0.00	0.049	203.50	0.00
27.50	0.00	0.049	203.50	0.00
27.60	0.00	0.049	203.50	0.00
27.70	0.00	0.049	203.50	0.00
27.80	0.00	0.049	203.50	0.00
27.90	0.00	0.049	203.50	0.00
28.00	0.00	0.049	203.50	0.00
28.10	0.00	0.049	203.50	0.00
28.20	0.00	0.049	203.50	0.00
28.30	0.00	0.049	203.50	0.00
28.40	0.00	0.049	203.50	0.00
28.50	0.00	0.049	203.50	0.00
28.60	0.00	0.049	203.50	0.00
28.70	0.00	0.049	203.50	0.00
28.80	0.00	0.049	203.50	0.00
28.90	0.00	0.049	203.50	0.00
29.00	0.00	0.049	203.50	0.00
29.10	0.00	0.049	203.50	0.00
29.20	0.00	0.049	203.50	0.00
29.30	0.00	0.049	203.50	0.00
29.40	0.00	0.049	203.50	0.00
29.50	0.00	0.049	203.50	0.00
29.60	0.00	0.049	203.50	0.00
29.70	0.00	0.049	203.50	0.00
29.80	0.00	0.049	203.50	0.00
29.90	0.00	0.049	203.50	0.00
30.00	0.00	0.049	203.50	0.00
30.10	0.00	0.049	203.50	0.00
30.20	0.00	0.049	203.50	0.00
30.30	0.00	0.049	203.50	0.00
30.40	0.00	0.049	203.50	0.00
30.50	0.00	0.049	203.50	0.00
30.60	0.00	0.049	203.50	0.00
30.70	0.00	0.049	203.50	0.00
30.80	0.00	0.049	203.50	0.00
30.90	0.00	0.049	203.50	0.00
31.00	0.00	0.049	203.50	0.00
31.10	0.00	0.049	203.50	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.049	203.50	0.00
31.30	0.00	0.049	203.50	0.00
31.40	0.00	0.049	203.50	0.00
31.50	0.00	0.049	203.50	0.00
31.60	0.00	0.049	203.50	0.00
31.70	0.00	0.049	203.50	0.00
31.80	0.00	0.049	203.50	0.00
31.90	0.00	0.049	203.50	0.00
32.00	0.00	0.049	203.50	0.00
32.10	0.00	0.049	203.50	0.00
32.20	0.00	0.049	203.50	0.00
32.30	0.00	0.049	203.50	0.00
32.40	0.00	0.049	203.50	0.00
32.50	0.00	0.049	203.50	0.00
32.60	0.00	0.049	203.50	0.00
32.70	0.00	0.049	203.50	0.00
32.80	0.00	0.049	203.50	0.00
32.90	0.00	0.049	203.50	0.00
33.00	0.00	0.049	203.50	0.00
33.10	0.00	0.049	203.50	0.00
33.20	0.00	0.049	203.50	0.00
33.30	0.00	0.049	203.50	0.00
33.40	0.00	0.049	203.50	0.00
33.50	0.00	0.049	203.50	0.00
33.60	0.00	0.049	203.50	0.00
33.70	0.00	0.049	203.50	0.00
33.80	0.00	0.049	203.50	0.00
33.90	0.00	0.049	203.50	0.00
34.00	0.00	0.049	203.50	0.00
34.10	0.00	0.049	203.50	0.00
34.20	0.00	0.049	203.50	0.00
34.30	0.00	0.049	203.50	0.00
34.40	0.00	0.049	203.50	0.00
34.50	0.00	0.049	203.50	0.00
34.60	0.00	0.049	203.50	0.00
34.70	0.00	0.049	203.50	0.00
34.80	0.00	0.049	203.50	0.00
34.90	0.00	0.049	203.50	0.00
35.00	0.00	0.049	203.50	0.00
35.10	0.00	0.049	203.50	0.00
35.20	0.00	0.049	203.50	0.00
35.30	0.00	0.049	203.50	0.00
35.40	0.00	0.049	203.50	0.00
35.50	0.00	0.049	203.50	0.00
35.60	0.00	0.049	203.50	0.00
35.70	0.00	0.049	203.50	0.00
35.80	0.00	0.049	203.50	0.00
35.90	0.00	0.049	203.50	0.00
36.00	0.00	0.049	203.50	0.00
36.10	0.00	0.049	203.50	0.00
36.20	0.00	0.049	203.50	0.00
36.30	0.00	0.049	203.50	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.049	203.50	0.00
36.50	0.00	0.049	203.50	0.00
36.60	0.00	0.049	203.50	0.00
36.70	0.00	0.049	203.50	0.00
36.80	0.00	0.049	203.50	0.00
36.90	0.00	0.049	203.50	0.00
37.00	0.00	0.049	203.50	0.00
37.10	0.00	0.049	203.50	0.00
37.20	0.00	0.049	203.50	0.00
37.30	0.00	0.049	203.50	0.00
37.40	0.00	0.049	203.50	0.00
37.50	0.00	0.049	203.50	0.00
37.60	0.00	0.049	203.50	0.00
37.70	0.00	0.049	203.50	0.00
37.80	0.00	0.049	203.50	0.00
37.90	0.00	0.049	203.50	0.00
38.00	0.00	0.049	203.50	0.00
38.10	0.00	0.049	203.50	0.00
38.20	0.00	0.049	203.50	0.00
38.30	0.00	0.049	203.50	0.00
38.40	0.00	0.049	203.50	0.00
38.50	0.00	0.049	203.50	0.00
38.60	0.00	0.049	203.50	0.00
38.70	0.00	0.049	203.50	0.00
38.80	0.00	0.049	203.50	0.00
38.90	0.00	0.049	203.50	0.00
39.00	0.00	0.049	203.50	0.00
39.10	0.00	0.049	203.50	0.00
39.20	0.00	0.049	203.50	0.00
39.30	0.00	0.049	203.50	0.00
39.40	0.00	0.049	203.50	0.00
39.50	0.00	0.049	203.50	0.00
39.60	0.00	0.049	203.50	0.00
39.70	0.00	0.049	203.50	0.00
39.80	0.00	0.049	203.50	0.00
39.90	0.00	0.049	203.50	0.00
40.00	0.00	0.049	203.50	0.00

Stage-Discharge for Pond 1P: Porous Pavement

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.00	203.56	0.05
202.01	0.00	202.53	0.00	203.05	0.00	203.57	0.06
202.02	0.00	202.54	0.00	203.06	0.00	203.58	0.07
202.03	0.00	202.55	0.00	203.07	0.00	203.59	0.09
202.04	0.00	202.56	0.00	203.08	0.00	203.60	0.10
202.05	0.00	202.57	0.00	203.09	0.00	203.61	0.12
202.06	0.00	202.58	0.00	203.10	0.00	203.62	0.13
202.07	0.00	202.59	0.00	203.11	0.00	203.63	0.15
202.08	0.00	202.60	0.00	203.12	0.00	203.64	0.17
202.09	0.00	202.61	0.00	203.13	0.00	203.65	0.19
202.10	0.00	202.62	0.00	203.14	0.00	203.66	0.21
202.11	0.00	202.63	0.00	203.15	0.00	203.67	0.22
202.12	0.00	202.64	0.00	203.16	0.00	203.68	0.25
202.13	0.00	202.65	0.00	203.17	0.00	203.69	0.27
202.14	0.00	202.66	0.00	203.18	0.00	203.70	0.29
202.15	0.00	202.67	0.00	203.19	0.00	203.71	0.31
202.16	0.00	202.68	0.00	203.20	0.00	203.72	0.33
202.17	0.00	202.69	0.00	203.21	0.00	203.73	0.35
202.18	0.00	202.70	0.00	203.22	0.00	203.74	0.38
202.19	0.00	202.71	0.00	203.23	0.00	203.75	0.40
202.20	0.00	202.72	0.00	203.24	0.00	203.76	0.43
202.21	0.00	202.73	0.00	203.25	0.00	203.77	0.45
202.22	0.00	202.74	0.00	203.26	0.00	203.78	0.48
202.23	0.00	202.75	0.00	203.27	0.00	203.79	0.50
202.24	0.00	202.76	0.00	203.28	0.00	203.80	0.53
202.25	0.00	202.77	0.00	203.29	0.00	203.81	0.55
202.26	0.00	202.78	0.00	203.30	0.00	203.82	0.58
202.27	0.00	202.79	0.00	203.31	0.00	203.83	0.61
202.28	0.00	202.80	0.00	203.32	0.00	203.84	0.64
202.29	0.00	202.81	0.00	203.33	0.00	203.85	0.66
202.30	0.00	202.82	0.00	203.34	0.00	203.86	0.69
202.31	0.00	202.83	0.00	203.35	0.00	203.87	0.72
202.32	0.00	202.84	0.00	203.36	0.00	203.88	0.75
202.33	0.00	202.85	0.00	203.37	0.00	203.89	0.78
202.34	0.00	202.86	0.00	203.38	0.00	203.90	0.81
202.35	0.00	202.87	0.00	203.39	0.00	203.91	0.84
202.36	0.00	202.88	0.00	203.40	0.00	203.92	0.87
202.37	0.00	202.89	0.00	203.41	0.00	203.93	0.91
202.38	0.00	202.90	0.00	203.42	0.00	203.94	0.94
202.39	0.00	202.91	0.00	203.43	0.00	203.95	0.97
202.40	0.00	202.92	0.00	203.44	0.00	203.96	1.00
202.41	0.00	202.93	0.00	203.45	0.00	203.97	1.03
202.42	0.00	202.94	0.00	203.46	0.00	203.98	1.07
202.43	0.00	202.95	0.00	203.47	0.00	203.99	1.10
202.44	0.00	202.96	0.00	203.48	0.00	204.00	1.13
202.45	0.00	202.97	0.00	203.49	0.00	204.01	1.17
202.46	0.00	202.98	0.00	203.50	0.00	204.02	1.19
202.47	0.00	202.99	0.00	203.51	0.00	204.03	1.22
202.48	0.00	203.00	0.00	203.52	0.01	204.04	1.25
202.49	0.00	203.01	0.00	203.53	0.02	204.05	1.27
202.50	0.00	203.02	0.00	203.54	0.03	204.06	1.30
202.51	0.00	203.03	0.00	203.55	0.04	204.07	1.32

Stage-Discharge for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.35	204.60	2.21	205.12	2.81	205.64	3.31
204.09	1.37	204.61	2.22	205.13	2.82	205.65	3.32
204.10	1.39	204.62	2.24	205.14	2.83	205.66	3.32
204.11	1.41	204.63	2.25	205.15	2.84	205.67	3.33
204.12	1.43	204.64	2.26	205.16	2.85	205.68	3.34
204.13	1.45	204.65	2.28	205.17	2.87	205.69	3.35
204.14	1.48	204.66	2.29	205.18	2.88	205.70	3.36
204.15	1.50	204.67	2.30	205.19	2.89	205.71	3.37
204.16	1.52	204.68	2.31	205.20	2.90	205.72	3.38
204.17	1.54	204.69	2.33	205.21	2.91	205.73	3.39
204.18	1.55	204.70	2.34	205.22	2.92	205.74	3.39
204.19	1.57	204.71	2.35	205.23	2.93	205.75	3.40
204.20	1.59	204.72	2.36	205.24	2.94	205.76	3.41
204.21	1.61	204.73	2.38	205.25	2.95	205.77	3.42
204.22	1.63	204.74	2.39	205.26	2.95	205.78	3.43
204.23	1.65	204.75	2.40	205.27	2.96	205.79	3.44
204.24	1.67	204.76	2.41	205.28	2.97	205.80	3.44
204.25	1.68	204.77	2.43	205.29	2.98	205.81	3.45
204.26	1.70	204.78	2.44	205.30	2.99	205.82	3.46
204.27	1.72	204.79	2.45	205.31	3.00	205.83	3.47
204.28	1.74	204.80	2.46	205.32	3.01	205.84	3.48
204.29	1.75	204.81	2.47	205.33	3.02	205.85	3.49
204.30	1.77	204.82	2.48	205.34	3.03	205.86	3.50
204.31	1.79	204.83	2.50	205.35	3.04	205.87	3.50
204.32	1.80	204.84	2.51	205.36	3.05	205.88	3.51
204.33	1.82	204.85	2.52	205.37	3.06	205.89	3.52
204.34	1.83	204.86	2.53	205.38	3.07	205.90	3.53
204.35	1.85	204.87	2.54	205.39	3.08	205.91	3.54
204.36	1.87	204.88	2.55	205.40	3.09	205.92	3.54
204.37	1.88	204.89	2.57	205.41	3.10	205.93	3.55
204.38	1.90	204.90	2.58	205.42	3.11	205.94	3.56
204.39	1.91	204.91	2.59	205.43	3.12	205.95	3.57
204.40	1.93	204.92	2.60	205.44	3.13	205.96	3.58
204.41	1.94	204.93	2.61	205.45	3.14	205.97	3.59
204.42	1.96	204.94	2.62	205.46	3.15	205.98	3.59
204.43	1.97	204.95	2.63	205.47	3.15	205.99	3.60
204.44	1.99	204.96	2.64	205.48	3.16	206.00	3.61
204.45	2.00	204.97	2.65	205.49	3.17	206.01	3.62
204.46	2.02	204.98	2.67	205.50	3.18	206.02	3.63
204.47	2.03	204.99	2.68	205.51	3.19	206.03	3.63
204.48	2.05	205.00	2.69	205.52	3.20	206.04	3.64
204.49	2.06	205.01	2.70	205.53	3.21	206.05	3.65
204.50	2.08	205.02	2.71	205.54	3.22	206.06	3.66
204.51	2.09	205.03	2.72	205.55	3.23	206.07	3.67
204.52	2.10	205.04	2.73	205.56	3.24	206.08	3.67
204.53	2.12	205.05	2.74	205.57	3.25	206.09	3.68
204.54	2.13	205.06	2.75	205.58	3.25	206.10	3.69
204.55	2.14	205.07	2.76	205.59	3.26	206.11	3.70
204.56	2.16	205.08	2.77	205.60	3.27	206.12	3.70
204.57	2.17	205.09	2.78	205.61	3.28	206.13	3.71
204.58	2.18	205.10	2.79	205.62	3.29	206.14	3.72
204.59	2.20	205.11	2.80	205.63	3.30	206.15	3.73

Stage-Discharge for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Primary (cfs)
206.16	3.74
206.17	3.74
206.18	3.75
206.19	3.76
206.20	3.77
206.21	3.77
206.22	3.78
206.23	3.79
206.24	3.80
206.25	3.80
206.26	3.81
206.27	3.82
206.28	3.83
206.29	3.84
206.30	3.84
206.31	3.85
206.32	3.86
206.33	3.87
206.34	3.87
206.35	3.88
206.36	3.89
206.37	3.90
206.38	3.90
206.39	3.91
206.40	3.92
206.41	3.93
206.42	3.93
206.43	3.94
206.44	3.95
206.45	3.95
206.46	3.96
206.47	3.97
206.48	3.98
206.49	3.98
206.50	3.99

Stage-Area-Storage for Pond 1P: Porous Pavement

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
202.00	0.000	202.52	0.015	203.04	0.029
202.01	0.000	202.53	0.015	203.05	0.030
202.02	0.001	202.54	0.015	203.06	0.030
202.03	0.001	202.55	0.015	203.07	0.030
202.04	0.001	202.56	0.016	203.08	0.031
202.05	0.001	202.57	0.016	203.09	0.031
202.06	0.002	202.58	0.016	203.10	0.032
202.07	0.002	202.59	0.016	203.11	0.032
202.08	0.002	202.60	0.016	203.12	0.032
202.09	0.003	202.61	0.017	203.13	0.033
202.10	0.003	202.62	0.017	203.14	0.033
202.11	0.003	202.63	0.017	203.15	0.034
202.12	0.003	202.64	0.017	203.16	0.034
202.13	0.004	202.65	0.018	203.17	0.035
202.14	0.004	202.66	0.018	203.18	0.035
202.15	0.004	202.67	0.018	203.19	0.035
202.16	0.004	202.68	0.018	203.20	0.036
202.17	0.005	202.69	0.018	203.21	0.036
202.18	0.005	202.70	0.019	203.22	0.037
202.19	0.005	202.71	0.019	203.23	0.037
202.20	0.006	202.72	0.019	203.24	0.037
202.21	0.006	202.73	0.019	203.25	0.038
202.22	0.006	202.74	0.019	203.26	0.038
202.23	0.006	202.75	0.020	203.27	0.039
202.24	0.007	202.76	0.020	203.28	0.039
202.25	0.007	202.77	0.020	203.29	0.040
202.26	0.007	202.78	0.020	203.30	0.040
202.27	0.008	202.79	0.021	203.31	0.040
202.28	0.008	202.80	0.021	203.32	0.041
202.29	0.008	202.81	0.021	203.33	0.041
202.30	0.008	202.82	0.022	203.34	0.042
202.31	0.009	202.83	0.022	203.35	0.042
202.32	0.009	202.84	0.022	203.36	0.043
202.33	0.009	202.85	0.023	203.37	0.043
202.34	0.010	202.86	0.023	203.38	0.044
202.35	0.010	202.87	0.023	203.39	0.044
202.36	0.010	202.88	0.023	203.40	0.044
202.37	0.010	202.89	0.024	203.41	0.045
202.38	0.011	202.90	0.024	203.42	0.045
202.39	0.011	202.91	0.025	203.43	0.046
202.40	0.011	202.92	0.025	203.44	0.046
202.41	0.012	202.93	0.025	203.45	0.047
202.42	0.012	202.94	0.026	203.46	0.047
202.43	0.012	202.95	0.026	203.47	0.048
202.44	0.012	202.96	0.026	203.48	0.048
202.45	0.013	202.97	0.027	203.49	0.049
202.46	0.013	202.98	0.027	203.50	0.049
202.47	0.013	202.99	0.027	203.51	0.049
202.48	0.013	203.00	0.028	203.52	0.050
202.49	0.014	203.01	0.028	203.53	0.050
202.50	0.014	203.02	0.029	203.54	0.051
202.51	0.014	203.03	0.029	203.55	0.051

Stage-Area-Storage for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
203.56	0.052	204.08	0.077	204.60	0.102
203.57	0.052	204.09	0.077	204.61	0.103
203.58	0.053	204.10	0.078	204.62	0.103
203.59	0.053	204.11	0.078	204.63	0.104
203.60	0.054	204.12	0.079	204.64	0.104
203.61	0.054	204.13	0.079	204.65	0.105
203.62	0.055	204.14	0.080	204.66	0.105
203.63	0.055	204.15	0.080	204.67	0.106
203.64	0.056	204.16	0.081	204.68	0.106
203.65	0.056	204.17	0.081	204.69	0.107
203.66	0.056	204.18	0.082	204.70	0.107
203.67	0.057	204.19	0.082	204.71	0.108
203.68	0.057	204.20	0.083	204.72	0.108
203.69	0.058	204.21	0.083	204.73	0.109
203.70	0.058	204.22	0.084	204.74	0.109
203.71	0.059	204.23	0.084	204.75	0.110
203.72	0.059	204.24	0.085	204.76	0.110
203.73	0.060	204.25	0.085	204.77	0.111
203.74	0.060	204.26	0.086	204.78	0.111
203.75	0.061	204.27	0.086	204.79	0.112
203.76	0.061	204.28	0.087	204.80	0.112
203.77	0.062	204.29	0.087	204.81	0.112
203.78	0.062	204.30	0.088	204.82	0.113
203.79	0.063	204.31	0.088	204.83	0.113
203.80	0.063	204.32	0.089	204.84	0.114
203.81	0.064	204.33	0.089	204.85	0.114
203.82	0.064	204.34	0.090	204.86	0.115
203.83	0.065	204.35	0.090	204.87	0.115
203.84	0.065	204.36	0.091	204.88	0.116
203.85	0.066	204.37	0.091	204.89	0.116
203.86	0.066	204.38	0.092	204.90	0.117
203.87	0.067	204.39	0.092	204.91	0.117
203.88	0.067	204.40	0.093	204.92	0.118
203.89	0.067	204.41	0.093	204.93	0.118
203.90	0.068	204.42	0.094	204.94	0.119
203.91	0.068	204.43	0.094	204.95	0.119
203.92	0.069	204.44	0.095	204.96	0.120
203.93	0.069	204.45	0.095	204.97	0.120
203.94	0.070	204.46	0.096	204.98	0.120
203.95	0.070	204.47	0.096	204.99	0.121
203.96	0.071	204.48	0.096	205.00	0.121
203.97	0.071	204.49	0.097	205.01	0.122
203.98	0.072	204.50	0.097	205.02	0.122
203.99	0.072	204.51	0.098	205.03	0.123
204.00	0.073	204.52	0.098	205.04	0.123
204.01	0.073	204.53	0.099	205.05	0.124
204.02	0.074	204.54	0.099	205.06	0.124
204.03	0.074	204.55	0.100	205.07	0.125
204.04	0.075	204.56	0.100	205.08	0.125
204.05	0.075	204.57	0.101	205.09	0.125
204.06	0.076	204.58	0.101	205.10	0.126
204.07	0.076	204.59	0.102	205.11	0.126

Stage-Area-Storage for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
205.12	0.127	205.64	0.148	206.16	0.161
205.13	0.127	205.65	0.148	206.17	0.161
205.14	0.128	205.66	0.148	206.18	0.161
205.15	0.128	205.67	0.148	206.19	0.162
205.16	0.129	205.68	0.149	206.20	0.162
205.17	0.129	205.69	0.149	206.21	0.162
205.18	0.129	205.70	0.149	206.22	0.162
205.19	0.130	205.71	0.150	206.23	0.163
205.20	0.130	205.72	0.150	206.24	0.163
205.21	0.131	205.73	0.150	206.25	0.163
205.22	0.131	205.74	0.150	206.26	0.164
205.23	0.132	205.75	0.151	206.27	0.164
205.24	0.132	205.76	0.151	206.28	0.164
205.25	0.132	205.77	0.151	206.29	0.164
205.26	0.133	205.78	0.151	206.30	0.165
205.27	0.133	205.79	0.151	206.31	0.165
205.28	0.134	205.80	0.152	206.32	0.165
205.29	0.134	205.81	0.152	206.33	0.166
205.30	0.135	205.82	0.152	206.34	0.166
205.31	0.135	205.83	0.152	206.35	0.166
205.32	0.135	205.84	0.153	206.36	0.166
205.33	0.136	205.85	0.153	206.37	0.167
205.34	0.136	205.86	0.153	206.38	0.167
205.35	0.137	205.87	0.153	206.39	0.167
205.36	0.137	205.88	0.153	206.40	0.168
205.37	0.137	205.89	0.154	206.41	0.168
205.38	0.138	205.90	0.154	206.42	0.168
205.39	0.138	205.91	0.154	206.43	0.168
205.40	0.139	205.92	0.154	206.44	0.169
205.41	0.139	205.93	0.155	206.45	0.169
205.42	0.139	205.94	0.155	206.46	0.169
205.43	0.140	205.95	0.155	206.47	0.169
205.44	0.140	205.96	0.155	206.48	0.170
205.45	0.141	205.97	0.156	206.49	0.170
205.46	0.141	205.98	0.156	206.50	0.170
205.47	0.141	205.99	0.156		
205.48	0.142	206.00	0.156		
205.49	0.142	206.01	0.157		
205.50	0.143	206.02	0.157		
205.51	0.143	206.03	0.157		
205.52	0.143	206.04	0.157		
205.53	0.144	206.05	0.158		
205.54	0.144	206.06	0.158		
205.55	0.144	206.07	0.158		
205.56	0.145	206.08	0.159		
205.57	0.145	206.09	0.159		
205.58	0.145	206.10	0.159		
205.59	0.146	206.11	0.159		
205.60	0.146	206.12	0.160		
205.61	0.147	206.13	0.160		
205.62	0.147	206.14	0.160		
205.63	0.147	206.15	0.161		

Summary for Pond 2P: Underground Storage

Inflow Area = 0.934 ac, 58.57% Impervious, Inflow Depth = 4.52" for Future 10 yr event
 Inflow = 5.22 cfs @ 12.08 hrs, Volume= 0.352 af
 Outflow = 1.75 cfs @ 12.24 hrs, Volume= 0.316 af, Atten= 67%, Lag= 9.4 min
 Primary = 1.75 cfs @ 12.24 hrs, Volume= 0.316 af
 Routed to Pond B-36A : Basin #36A

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 201.29' @ 12.24 hrs Surf.Area= 5,499 sf Storage= 5,032 cf

Plug-Flow detention time= 124.5 min calculated for 0.315 af (90% of inflow)
 Center-of-Mass det. time= 72.1 min (839.2 - 767.1)

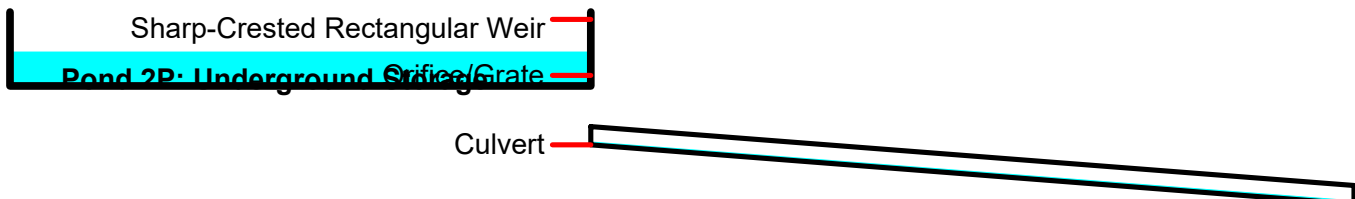
Volume	Invert	Avail.Storage	Storage Description
#1	199.00'	10,998 cf	Custom Stage Data (Prismatic) Listed below (Recalc) 27,495 cf Overall x 40.0% Voids

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
199.00	5,499	0	0
200.00	5,499	5,499	5,499
201.00	5,499	5,499	10,998
202.00	5,499	5,499	16,497
203.00	5,499	5,499	21,996
204.00	5,499	5,499	27,495

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	15.0" Round Culvert L= 55.0' Ke= 1.000 Inlet / Outlet Invert= 195.00' / 191.00' S= 0.0727 ' S= 0.0727 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.23 sf
#2	Device 1	199.71'	11.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

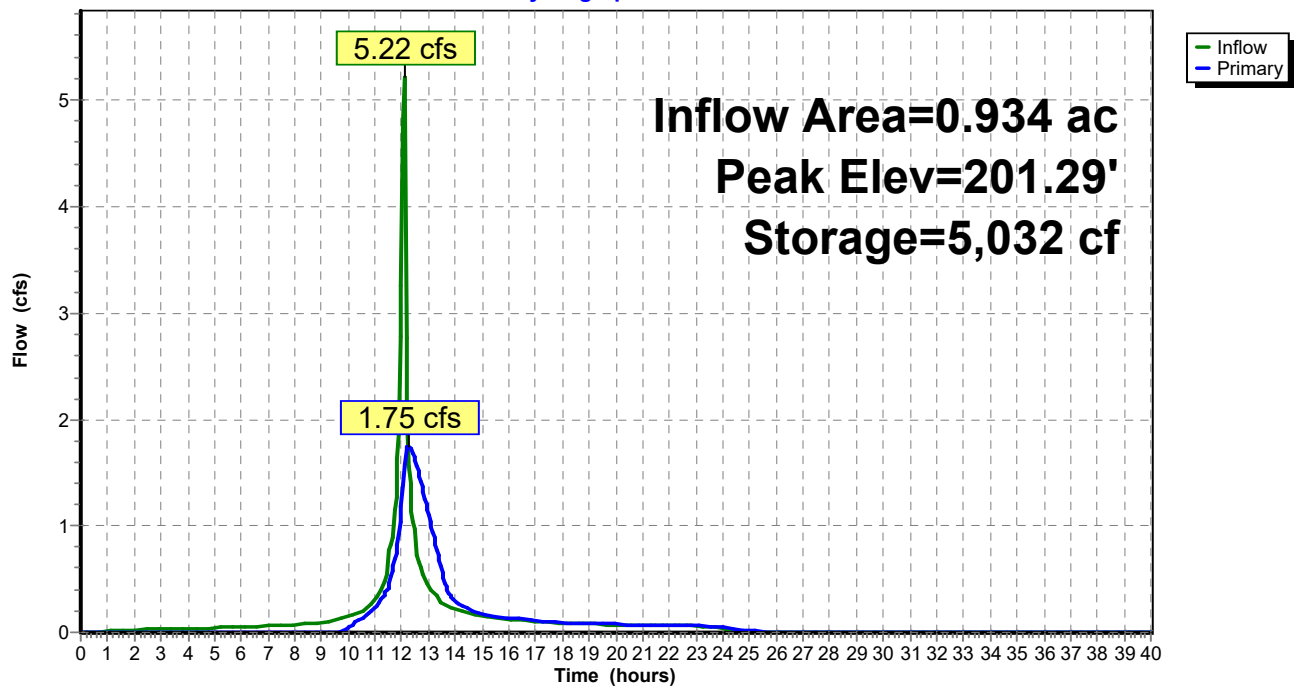
Primary OutFlow Max=1.74 cfs @ 12.24 hrs HW=201.28' (Free Discharge)

1=Culvert (Passes 1.74 cfs of 10.54 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.74 cfs @ 5.71 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)



Pond 2P: Underground Storage

Hydrograph



Hydrograph for Pond 2P: Underground Storage

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	199.00	0.00
0.10	0.00	0	199.00	0.00
0.20	0.00	0	199.00	0.00
0.30	0.00	0	199.00	0.00
0.40	0.00	0	199.00	0.00
0.50	0.00	0	199.00	0.00
0.60	0.00	0	199.00	0.00
0.70	0.00	0	199.00	0.00
0.80	0.00	1	199.00	0.00
0.90	0.00	2	199.00	0.00
1.00	0.01	4	199.00	0.00
1.10	0.01	7	199.00	0.00
1.20	0.01	10	199.00	0.00
1.30	0.01	14	199.01	0.00
1.40	0.01	18	199.01	0.00
1.50	0.01	23	199.01	0.00
1.60	0.02	28	199.01	0.00
1.70	0.02	34	199.02	0.00
1.80	0.02	40	199.02	0.00
1.90	0.02	47	199.02	0.00
2.00	0.02	54	199.02	0.00
2.10	0.02	61	199.03	0.00
2.20	0.02	69	199.03	0.00
2.30	0.02	77	199.04	0.00
2.40	0.02	86	199.04	0.00
2.50	0.02	94	199.04	0.00
2.60	0.03	103	199.05	0.00
2.70	0.03	113	199.05	0.00
2.80	0.03	123	199.06	0.00
2.90	0.03	133	199.06	0.00
3.00	0.03	143	199.07	0.00
3.10	0.03	154	199.07	0.00
3.20	0.03	165	199.07	0.00
3.30	0.03	176	199.08	0.00
3.40	0.03	187	199.09	0.00
3.50	0.03	199	199.09	0.00
3.60	0.03	211	199.10	0.00
3.70	0.03	223	199.10	0.00
3.80	0.03	235	199.11	0.00
3.90	0.04	248	199.11	0.00
4.00	0.04	260	199.12	0.00
4.10	0.04	273	199.12	0.00
4.20	0.04	286	199.13	0.00
4.30	0.04	300	199.14	0.00
4.40	0.04	314	199.14	0.00
4.50	0.04	327	199.15	0.00
4.60	0.04	341	199.16	0.00
4.70	0.04	356	199.16	0.00
4.80	0.04	370	199.17	0.00
4.90	0.04	385	199.17	0.00
5.00	0.04	399	199.18	0.00
5.10	0.04	414	199.19	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	430	199.20	0.00
5.30	0.04	445	199.20	0.00
5.40	0.04	460	199.21	0.00
5.50	0.04	476	199.22	0.00
5.60	0.04	492	199.22	0.00
5.70	0.04	508	199.23	0.00
5.80	0.05	524	199.24	0.00
5.90	0.05	540	199.25	0.00
6.00	0.05	557	199.25	0.00
6.10	0.05	574	199.26	0.00
6.20	0.05	591	199.27	0.00
6.30	0.05	609	199.28	0.00
6.40	0.05	628	199.29	0.00
6.50	0.05	646	199.29	0.00
6.60	0.05	666	199.30	0.00
6.70	0.06	685	199.31	0.00
6.80	0.06	706	199.32	0.00
6.90	0.06	726	199.33	0.00
7.00	0.06	748	199.34	0.00
7.10	0.06	769	199.35	0.00
7.20	0.06	792	199.36	0.00
7.30	0.06	814	199.37	0.00
7.40	0.06	837	199.38	0.00
7.50	0.07	861	199.39	0.00
7.60	0.07	885	199.40	0.00
7.70	0.07	910	199.41	0.00
7.80	0.07	935	199.42	0.00
7.90	0.07	960	199.44	0.00
8.00	0.07	986	199.45	0.00
8.10	0.07	1,013	199.46	0.00
8.20	0.08	1,040	199.47	0.00
8.30	0.08	1,068	199.49	0.00
8.40	0.08	1,096	199.50	0.00
8.50	0.08	1,125	199.51	0.00
8.60	0.08	1,155	199.53	0.00
8.70	0.09	1,185	199.54	0.00
8.80	0.09	1,216	199.55	0.00
8.90	0.09	1,248	199.57	0.00
9.00	0.09	1,281	199.58	0.00
9.10	0.10	1,315	199.60	0.00
9.20	0.10	1,351	199.61	0.00
9.30	0.11	1,389	199.63	0.00
9.40	0.11	1,429	199.65	0.00
9.50	0.12	1,472	199.67	0.00
9.60	0.13	1,516	199.69	0.00
9.70	0.13	1,563	199.71	0.00
9.80	0.14	1,610	199.73	0.01
9.90	0.14	1,654	199.75	0.03
10.00	0.15	1,694	199.77	0.05
10.10	0.16	1,730	199.79	0.06
10.20	0.16	1,762	199.80	0.08
10.30	0.17	1,790	199.81	0.10

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.18	1,814	199.82	0.12
10.50	0.19	1,835	199.83	0.13
10.60	0.21	1,857	199.84	0.15
10.70	0.23	1,882	199.86	0.16
10.80	0.26	1,908	199.87	0.19
10.90	0.28	1,934	199.88	0.21
11.00	0.31	1,962	199.89	0.23
11.10	0.35	1,994	199.91	0.26
11.20	0.40	2,032	199.92	0.29
11.30	0.44	2,072	199.94	0.33
11.40	0.49	2,116	199.96	0.37
11.50	0.55	2,160	199.98	0.42
11.60	0.82	2,255	200.03	0.52
11.70	0.92	2,360	200.07	0.63
11.80	1.27	2,519	200.15	0.75
11.90	1.85	2,796	200.27	0.92
12.00	3.25	3,381	200.54	1.19
12.10	5.01	4,490	201.04	1.59
12.20	2.05	5,018	201.28	1.74
12.30	1.40	4,983	201.27	1.73
12.40	1.05	4,792	201.18	1.68
12.50	0.96	4,561	201.07	1.61
12.60	0.65	4,273	200.94	1.52
12.70	0.60	3,968	200.80	1.41
12.80	0.55	3,681	200.67	1.31
12.90	0.49	3,413	200.55	1.21
13.00	0.44	3,165	200.44	1.10
13.10	0.39	2,937	200.34	0.99
13.20	0.36	2,734	200.24	0.88
13.30	0.33	2,560	200.16	0.78
13.40	0.31	2,414	200.10	0.67
13.50	0.28	2,296	200.04	0.57
13.60	0.25	2,205	200.00	0.47
13.70	0.24	2,139	199.97	0.40
13.80	0.24	2,091	199.95	0.35
13.90	0.23	2,056	199.93	0.31
14.00	0.22	2,028	199.92	0.29
14.10	0.21	2,006	199.91	0.27
14.20	0.21	1,988	199.90	0.25
14.30	0.20	1,973	199.90	0.24
14.40	0.19	1,959	199.89	0.23
14.50	0.18	1,947	199.89	0.22
14.60	0.18	1,935	199.88	0.21
14.70	0.17	1,924	199.87	0.20
14.80	0.16	1,914	199.87	0.19
14.90	0.15	1,904	199.87	0.18
15.00	0.15	1,894	199.86	0.17
15.10	0.14	1,884	199.86	0.17
15.20	0.14	1,876	199.85	0.16
15.30	0.14	1,869	199.85	0.15
15.40	0.13	1,863	199.85	0.15
15.50	0.13	1,858	199.84	0.15

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.13	1,853	199.84	0.14
15.70	0.13	1,849	199.84	0.14
15.80	0.13	1,845	199.84	0.14
15.90	0.12	1,841	199.84	0.13
16.00	0.12	1,837	199.84	0.13
16.10	0.12	1,834	199.83	0.13
16.20	0.12	1,831	199.83	0.13
16.30	0.12	1,827	199.83	0.13
16.40	0.11	1,824	199.83	0.12
16.50	0.11	1,821	199.83	0.12
16.60	0.11	1,818	199.83	0.12
16.70	0.11	1,815	199.83	0.12
16.80	0.11	1,812	199.82	0.12
16.90	0.11	1,809	199.82	0.11
17.00	0.10	1,806	199.82	0.11
17.10	0.10	1,803	199.82	0.11
17.20	0.10	1,800	199.82	0.11
17.30	0.10	1,797	199.82	0.11
17.40	0.10	1,794	199.82	0.10
17.50	0.09	1,792	199.81	0.10
17.60	0.09	1,789	199.81	0.10
17.70	0.09	1,786	199.81	0.10
17.80	0.09	1,783	199.81	0.10
17.90	0.09	1,780	199.81	0.09
18.00	0.08	1,777	199.81	0.09
18.10	0.08	1,774	199.81	0.09
18.20	0.08	1,771	199.81	0.09
18.30	0.08	1,769	199.80	0.09
18.40	0.08	1,767	199.80	0.08
18.50	0.08	1,766	199.80	0.08
18.60	0.08	1,764	199.80	0.08
18.70	0.08	1,763	199.80	0.08
18.80	0.08	1,762	199.80	0.08
18.90	0.08	1,761	199.80	0.08
19.00	0.08	1,760	199.80	0.08
19.10	0.08	1,759	199.80	0.08
19.20	0.08	1,758	199.80	0.08
19.30	0.08	1,757	199.80	0.08
19.40	0.07	1,756	199.80	0.08
19.50	0.07	1,755	199.80	0.08
19.60	0.07	1,754	199.80	0.08
19.70	0.07	1,753	199.80	0.08
19.80	0.07	1,752	199.80	0.08
19.90	0.07	1,751	199.80	0.08
20.00	0.07	1,750	199.80	0.07
20.10	0.07	1,749	199.80	0.07
20.20	0.07	1,748	199.79	0.07
20.30	0.07	1,747	199.79	0.07
20.40	0.07	1,746	199.79	0.07
20.50	0.07	1,745	199.79	0.07
20.60	0.07	1,744	199.79	0.07
20.70	0.07	1,743	199.79	0.07

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	1,742	199.79	0.07
20.90	0.07	1,741	199.79	0.07
21.00	0.07	1,740	199.79	0.07
21.10	0.07	1,739	199.79	0.07
21.20	0.07	1,738	199.79	0.07
21.30	0.07	1,738	199.79	0.07
21.40	0.06	1,737	199.79	0.07
21.50	0.06	1,736	199.79	0.07
21.60	0.06	1,735	199.79	0.07
21.70	0.06	1,734	199.79	0.07
21.80	0.06	1,733	199.79	0.07
21.90	0.06	1,732	199.79	0.07
22.00	0.06	1,731	199.79	0.06
22.10	0.06	1,730	199.79	0.06
22.20	0.06	1,729	199.79	0.06
22.30	0.06	1,728	199.79	0.06
22.40	0.06	1,727	199.79	0.06
22.50	0.06	1,726	199.78	0.06
22.60	0.06	1,725	199.78	0.06
22.70	0.06	1,724	199.78	0.06
22.80	0.06	1,723	199.78	0.06
22.90	0.06	1,722	199.78	0.06
23.00	0.06	1,721	199.78	0.06
23.10	0.06	1,720	199.78	0.06
23.20	0.06	1,719	199.78	0.06
23.30	0.06	1,718	199.78	0.06
23.40	0.06	1,717	199.78	0.06
23.50	0.05	1,716	199.78	0.06
23.60	0.05	1,715	199.78	0.06
23.70	0.05	1,714	199.78	0.06
23.80	0.05	1,713	199.78	0.06
23.90	0.05	1,712	199.78	0.06
24.00	0.06	1,713	199.78	0.06
24.10	0.00	1,703	199.77	0.05
24.20	0.00	1,687	199.77	0.04
24.30	0.00	1,673	199.76	0.04
24.40	0.00	1,661	199.76	0.03
24.50	0.00	1,651	199.75	0.02
24.60	0.00	1,643	199.75	0.02
24.70	0.00	1,636	199.74	0.02
24.80	0.00	1,629	199.74	0.02
24.90	0.00	1,623	199.74	0.02
25.00	0.00	1,617	199.74	0.01
25.10	0.00	1,612	199.73	0.01
25.20	0.00	1,607	199.73	0.01
25.30	0.00	1,603	199.73	0.01
25.40	0.00	1,599	199.73	0.01
25.50	0.00	1,596	199.73	0.01
25.60	0.00	1,593	199.72	0.01
25.70	0.00	1,590	199.72	0.01
25.80	0.00	1,587	199.72	0.01
25.90	0.00	1,585	199.72	0.01

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,583	199.72	0.01
26.10	0.00	1,581	199.72	0.01
26.20	0.00	1,579	199.72	0.00
26.30	0.00	1,578	199.72	0.00
26.40	0.00	1,576	199.72	0.00
26.50	0.00	1,575	199.72	0.00
26.60	0.00	1,574	199.72	0.00
26.70	0.00	1,572	199.71	0.00
26.80	0.00	1,572	199.71	0.00
26.90	0.00	1,571	199.71	0.00
27.00	0.00	1,570	199.71	0.00
27.10	0.00	1,569	199.71	0.00
27.20	0.00	1,568	199.71	0.00
27.30	0.00	1,568	199.71	0.00
27.40	0.00	1,567	199.71	0.00
27.50	0.00	1,567	199.71	0.00
27.60	0.00	1,566	199.71	0.00
27.70	0.00	1,566	199.71	0.00
27.80	0.00	1,565	199.71	0.00
27.90	0.00	1,565	199.71	0.00
28.00	0.00	1,565	199.71	0.00
28.10	0.00	1,565	199.71	0.00
28.20	0.00	1,564	199.71	0.00
28.30	0.00	1,564	199.71	0.00
28.40	0.00	1,564	199.71	0.00
28.50	0.00	1,564	199.71	0.00
28.60	0.00	1,563	199.71	0.00
28.70	0.00	1,563	199.71	0.00
28.80	0.00	1,563	199.71	0.00
28.90	0.00	1,563	199.71	0.00
29.00	0.00	1,563	199.71	0.00
29.10	0.00	1,563	199.71	0.00
29.20	0.00	1,563	199.71	0.00
29.30	0.00	1,563	199.71	0.00
29.40	0.00	1,563	199.71	0.00
29.50	0.00	1,562	199.71	0.00
29.60	0.00	1,562	199.71	0.00
29.70	0.00	1,562	199.71	0.00
29.80	0.00	1,562	199.71	0.00
29.90	0.00	1,562	199.71	0.00
30.00	0.00	1,562	199.71	0.00
30.10	0.00	1,562	199.71	0.00
30.20	0.00	1,562	199.71	0.00
30.30	0.00	1,562	199.71	0.00
30.40	0.00	1,562	199.71	0.00
30.50	0.00	1,562	199.71	0.00
30.60	0.00	1,562	199.71	0.00
30.70	0.00	1,562	199.71	0.00
30.80	0.00	1,562	199.71	0.00
30.90	0.00	1,562	199.71	0.00
31.00	0.00	1,562	199.71	0.00
31.10	0.00	1,562	199.71	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,562	199.71	0.00
31.30	0.00	1,562	199.71	0.00
31.40	0.00	1,562	199.71	0.00
31.50	0.00	1,562	199.71	0.00
31.60	0.00	1,562	199.71	0.00
31.70	0.00	1,562	199.71	0.00
31.80	0.00	1,562	199.71	0.00
31.90	0.00	1,562	199.71	0.00
32.00	0.00	1,562	199.71	0.00
32.10	0.00	1,562	199.71	0.00
32.20	0.00	1,562	199.71	0.00
32.30	0.00	1,562	199.71	0.00
32.40	0.00	1,562	199.71	0.00
32.50	0.00	1,562	199.71	0.00
32.60	0.00	1,562	199.71	0.00
32.70	0.00	1,562	199.71	0.00
32.80	0.00	1,562	199.71	0.00
32.90	0.00	1,562	199.71	0.00
33.00	0.00	1,562	199.71	0.00
33.10	0.00	1,562	199.71	0.00
33.20	0.00	1,562	199.71	0.00
33.30	0.00	1,562	199.71	0.00
33.40	0.00	1,562	199.71	0.00
33.50	0.00	1,562	199.71	0.00
33.60	0.00	1,562	199.71	0.00
33.70	0.00	1,562	199.71	0.00
33.80	0.00	1,562	199.71	0.00
33.90	0.00	1,562	199.71	0.00
34.00	0.00	1,562	199.71	0.00
34.10	0.00	1,562	199.71	0.00
34.20	0.00	1,562	199.71	0.00
34.30	0.00	1,562	199.71	0.00
34.40	0.00	1,562	199.71	0.00
34.50	0.00	1,562	199.71	0.00
34.60	0.00	1,562	199.71	0.00
34.70	0.00	1,562	199.71	0.00
34.80	0.00	1,562	199.71	0.00
34.90	0.00	1,562	199.71	0.00
35.00	0.00	1,562	199.71	0.00
35.10	0.00	1,562	199.71	0.00
35.20	0.00	1,562	199.71	0.00
35.30	0.00	1,562	199.71	0.00
35.40	0.00	1,562	199.71	0.00
35.50	0.00	1,562	199.71	0.00
35.60	0.00	1,562	199.71	0.00
35.70	0.00	1,562	199.71	0.00
35.80	0.00	1,562	199.71	0.00
35.90	0.00	1,562	199.71	0.00
36.00	0.00	1,562	199.71	0.00
36.10	0.00	1,562	199.71	0.00
36.20	0.00	1,562	199.71	0.00
36.30	0.00	1,562	199.71	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,562	199.71	0.00
36.50	0.00	1,562	199.71	0.00
36.60	0.00	1,562	199.71	0.00
36.70	0.00	1,562	199.71	0.00
36.80	0.00	1,562	199.71	0.00
36.90	0.00	1,562	199.71	0.00
37.00	0.00	1,562	199.71	0.00
37.10	0.00	1,562	199.71	0.00
37.20	0.00	1,562	199.71	0.00
37.30	0.00	1,562	199.71	0.00
37.40	0.00	1,562	199.71	0.00
37.50	0.00	1,562	199.71	0.00
37.60	0.00	1,562	199.71	0.00
37.70	0.00	1,562	199.71	0.00
37.80	0.00	1,562	199.71	0.00
37.90	0.00	1,562	199.71	0.00
38.00	0.00	1,562	199.71	0.00
38.10	0.00	1,562	199.71	0.00
38.20	0.00	1,562	199.71	0.00
38.30	0.00	1,562	199.71	0.00
38.40	0.00	1,562	199.71	0.00
38.50	0.00	1,562	199.71	0.00
38.60	0.00	1,562	199.71	0.00
38.70	0.00	1,562	199.71	0.00
38.80	0.00	1,562	199.71	0.00
38.90	0.00	1,562	199.71	0.00
39.00	0.00	1,562	199.71	0.00
39.10	0.00	1,562	199.71	0.00
39.20	0.00	1,562	199.71	0.00
39.30	0.00	1,562	199.71	0.00
39.40	0.00	1,562	199.71	0.00
39.50	0.00	1,562	199.71	0.00
39.60	0.00	1,562	199.71	0.00
39.70	0.00	1,562	199.71	0.00
39.80	0.00	1,562	199.71	0.00
39.90	0.00	1,562	199.71	0.00
40.00	0.00	1,562	199.71	0.00

Stage-Discharge for Pond 2P: Underground Storage

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
199.00	0.00	199.52	0.00	200.04	0.56	200.56	1.21
199.01	0.00	199.53	0.00	200.05	0.58	200.57	1.22
199.02	0.00	199.54	0.00	200.06	0.60	200.58	1.23
199.03	0.00	199.55	0.00	200.07	0.62	200.59	1.24
199.04	0.00	199.56	0.00	200.08	0.64	200.60	1.25
199.05	0.00	199.57	0.00	200.09	0.66	200.61	1.26
199.06	0.00	199.58	0.00	200.10	0.68	200.62	1.27
199.07	0.00	199.59	0.00	200.11	0.69	200.63	1.27
199.08	0.00	199.60	0.00	200.12	0.71	200.64	1.28
199.09	0.00	199.61	0.00	200.13	0.73	200.65	1.29
199.10	0.00	199.62	0.00	200.14	0.74	200.66	1.30
199.11	0.00	199.63	0.00	200.15	0.76	200.67	1.31
199.12	0.00	199.64	0.00	200.16	0.77	200.68	1.32
199.13	0.00	199.65	0.00	200.17	0.79	200.69	1.32
199.14	0.00	199.66	0.00	200.18	0.80	200.70	1.33
199.15	0.00	199.67	0.00	200.19	0.81	200.71	1.34
199.16	0.00	199.68	0.00	200.20	0.83	200.72	1.35
199.17	0.00	199.69	0.00	200.21	0.84	200.73	1.36
199.18	0.00	199.70	0.00	200.22	0.85	200.74	1.36
199.19	0.00	199.71	0.00	200.23	0.87	200.75	1.37
199.20	0.00	199.72	0.00	200.24	0.88	200.76	1.38
199.21	0.00	199.73	0.01	200.25	0.89	200.77	1.39
199.22	0.00	199.74	0.02	200.26	0.90	200.78	1.40
199.23	0.00	199.75	0.02	200.27	0.92	200.79	1.40
199.24	0.00	199.76	0.03	200.28	0.93	200.80	1.41
199.25	0.00	199.77	0.04	200.29	0.94	200.81	1.42
199.26	0.00	199.78	0.05	200.30	0.95	200.82	1.43
199.27	0.00	199.79	0.07	200.31	0.96	200.83	1.43
199.28	0.00	199.80	0.08	200.32	0.97	200.84	1.44
199.29	0.00	199.81	0.09	200.33	0.98	200.85	1.45
199.30	0.00	199.82	0.11	200.34	1.00	200.86	1.46
199.31	0.00	199.83	0.12	200.35	1.01	200.87	1.46
199.32	0.00	199.84	0.14	200.36	1.02	200.88	1.47
199.33	0.00	199.85	0.15	200.37	1.03	200.89	1.48
199.34	0.00	199.86	0.17	200.38	1.04	200.90	1.49
199.35	0.00	199.87	0.19	200.39	1.05	200.91	1.49
199.36	0.00	199.88	0.21	200.40	1.06	200.92	1.50
199.37	0.00	199.89	0.22	200.41	1.07	200.93	1.51
199.38	0.00	199.90	0.24	200.42	1.08	200.94	1.52
199.39	0.00	199.91	0.26	200.43	1.09	200.95	1.52
199.40	0.00	199.92	0.28	200.44	1.10	200.96	1.53
199.41	0.00	199.93	0.30	200.45	1.11	200.97	1.54
199.42	0.00	199.94	0.32	200.46	1.12	200.98	1.54
199.43	0.00	199.95	0.35	200.47	1.13	200.99	1.55
199.44	0.00	199.96	0.37	200.48	1.14	201.00	1.56
199.45	0.00	199.97	0.39	200.49	1.15	201.01	1.56
199.46	0.00	199.98	0.41	200.50	1.16	201.02	1.57
199.47	0.00	199.99	0.44	200.51	1.17	201.03	1.58
199.48	0.00	200.00	0.46	200.52	1.18	201.04	1.59
199.49	0.00	200.01	0.48	200.53	1.19	201.05	1.59
199.50	0.00	200.02	0.51	200.54	1.20	201.06	1.60
199.51	0.00	200.03	0.53	200.55	1.20	201.07	1.61

Stage-Discharge for Pond 2P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.08	1.61	201.60	1.93	202.12	2.20	202.64	2.45
201.09	1.62	201.61	1.94	202.13	2.21	202.65	2.45
201.10	1.63	201.62	1.94	202.14	2.21	202.66	2.45
201.11	1.63	201.63	1.95	202.15	2.22	202.67	2.46
201.12	1.64	201.64	1.95	202.16	2.22	202.68	2.46
201.13	1.65	201.65	1.96	202.17	2.23	202.69	2.47
201.14	1.65	201.66	1.96	202.18	2.23	202.70	2.47
201.15	1.66	201.67	1.97	202.19	2.24	202.71	2.48
201.16	1.67	201.68	1.98	202.20	2.24	202.72	2.48
201.17	1.67	201.69	1.98	202.21	2.25	202.73	2.48
201.18	1.68	201.70	1.99	202.22	2.25	202.74	2.49
201.19	1.68	201.71	1.99	202.23	2.26	202.75	2.49
201.20	1.69	201.72	2.00	202.24	2.26	202.76	2.50
201.21	1.70	201.73	2.00	202.25	2.27	202.77	2.50
201.22	1.70	201.74	2.01	202.26	2.27	202.78	2.51
201.23	1.71	201.75	2.01	202.27	2.28	202.79	2.51
201.24	1.72	201.76	2.02	202.28	2.28	202.80	2.52
201.25	1.72	201.77	2.02	202.29	2.29	202.81	2.52
201.26	1.73	201.78	2.03	202.30	2.29	202.82	2.52
201.27	1.74	201.79	2.03	202.31	2.29	202.83	2.53
201.28	1.74	201.80	2.04	202.32	2.30	202.84	2.53
201.29	1.75	201.81	2.05	202.33	2.30	202.85	2.54
201.30	1.75	201.82	2.05	202.34	2.31	202.86	2.54
201.31	1.76	201.83	2.06	202.35	2.31	202.87	2.55
201.32	1.77	201.84	2.06	202.36	2.32	202.88	2.55
201.33	1.77	201.85	2.07	202.37	2.32	202.89	2.55
201.34	1.78	201.86	2.07	202.38	2.33	202.90	2.56
201.35	1.78	201.87	2.08	202.39	2.33	202.91	2.56
201.36	1.79	201.88	2.08	202.40	2.34	202.92	2.57
201.37	1.80	201.89	2.09	202.41	2.34	202.93	2.57
201.38	1.80	201.90	2.09	202.42	2.35	202.94	2.57
201.39	1.81	201.91	2.10	202.43	2.35	202.95	2.58
201.40	1.81	201.92	2.10	202.44	2.36	202.96	2.58
201.41	1.82	201.93	2.11	202.45	2.36	202.97	2.59
201.42	1.83	201.94	2.11	202.46	2.36	202.98	2.59
201.43	1.83	201.95	2.12	202.47	2.37	202.99	2.60
201.44	1.84	201.96	2.12	202.48	2.37	203.00	2.60
201.45	1.84	201.97	2.13	202.49	2.38	203.01	2.60
201.46	1.85	201.98	2.13	202.50	2.38	203.02	2.61
201.47	1.86	201.99	2.14	202.51	2.39	203.03	2.61
201.48	1.86	202.00	2.14	202.52	2.39	203.04	2.62
201.49	1.87	202.01	2.15	202.53	2.40	203.05	2.62
201.50	1.87	202.02	2.15	202.54	2.40	203.06	2.62
201.51	1.88	202.03	2.16	202.55	2.41	203.07	2.63
201.52	1.89	202.04	2.16	202.56	2.41	203.08	2.63
201.53	1.89	202.05	2.17	202.57	2.41	203.09	2.64
201.54	1.90	202.06	2.17	202.58	2.42	203.10	2.64
201.55	1.90	202.07	2.18	202.59	2.42	203.11	2.65
201.56	1.91	202.08	2.18	202.60	2.43	203.12	2.65
201.57	1.91	202.09	2.19	202.61	2.43	203.13	2.65
201.58	1.92	202.10	2.19	202.62	2.44	203.14	2.66
201.59	1.93	202.11	2.20	202.63	2.44	203.15	2.66

Stage-Discharge for Pond 2P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.16	2.67	203.68	3.86
203.17	2.67	203.69	3.95
203.18	2.67	203.70	4.03
203.19	2.68	203.71	4.13
203.20	2.68	203.72	4.22
203.21	2.69	203.73	4.31
203.22	2.69	203.74	4.41
203.23	2.69	203.75	4.51
203.24	2.70	203.76	4.61
203.25	2.70	203.77	4.71
203.26	2.71	203.78	4.82
203.27	2.71	203.79	4.92
203.28	2.71	203.80	5.03
203.29	2.72	203.81	5.14
203.30	2.72	203.82	5.25
203.31	2.73	203.83	5.36
203.32	2.73	203.84	5.48
203.33	2.73	203.85	5.59
203.34	2.74	203.86	5.71
203.35	2.74	203.87	5.83
203.36	2.75	203.88	5.95
203.37	2.75	203.89	6.07
203.38	2.75	203.90	6.19
203.39	2.76	203.91	6.32
203.40	2.76	203.92	6.44
203.41	2.77	203.93	6.57
203.42	2.77	203.94	6.70
203.43	2.77	203.95	6.83
203.44	2.78	203.96	6.96
203.45	2.78	203.97	7.09
203.46	2.78	203.98	7.23
203.47	2.79	203.99	7.36
203.48	2.79	204.00	7.50
203.49	2.80		
203.50	2.80		
203.51	2.82		
203.52	2.84		
203.53	2.88		
203.54	2.92		
203.55	2.97		
203.56	3.02		
203.57	3.07		
203.58	3.13		
203.59	3.19		
203.60	3.25		
203.61	3.32		
203.62	3.39		
203.63	3.46		
203.64	3.53		
203.65	3.61		
203.66	3.69		
203.67	3.77		

Stage-Area-Storage for Pond 2P: Underground Storage

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.00	5,499	0	199.52	5,499	1,144
199.01	5,499	22	199.53	5,499	1,166
199.02	5,499	44	199.54	5,499	1,188
199.03	5,499	66	199.55	5,499	1,210
199.04	5,499	88	199.56	5,499	1,232
199.05	5,499	110	199.57	5,499	1,254
199.06	5,499	132	199.58	5,499	1,276
199.07	5,499	154	199.59	5,499	1,298
199.08	5,499	176	199.60	5,499	1,320
199.09	5,499	198	199.61	5,499	1,342
199.10	5,499	220	199.62	5,499	1,364
199.11	5,499	242	199.63	5,499	1,386
199.12	5,499	264	199.64	5,499	1,408
199.13	5,499	286	199.65	5,499	1,430
199.14	5,499	308	199.66	5,499	1,452
199.15	5,499	330	199.67	5,499	1,474
199.16	5,499	352	199.68	5,499	1,496
199.17	5,499	374	199.69	5,499	1,518
199.18	5,499	396	199.70	5,499	1,540
199.19	5,499	418	199.71	5,499	1,562
199.20	5,499	440	199.72	5,499	1,584
199.21	5,499	462	199.73	5,499	1,606
199.22	5,499	484	199.74	5,499	1,628
199.23	5,499	506	199.75	5,499	1,650
199.24	5,499	528	199.76	5,499	1,672
199.25	5,499	550	199.77	5,499	1,694
199.26	5,499	572	199.78	5,499	1,716
199.27	5,499	594	199.79	5,499	1,738
199.28	5,499	616	199.80	5,499	1,760
199.29	5,499	638	199.81	5,499	1,782
199.30	5,499	660	199.82	5,499	1,804
199.31	5,499	682	199.83	5,499	1,826
199.32	5,499	704	199.84	5,499	1,848
199.33	5,499	726	199.85	5,499	1,870
199.34	5,499	748	199.86	5,499	1,892
199.35	5,499	770	199.87	5,499	1,914
199.36	5,499	792	199.88	5,499	1,936
199.37	5,499	814	199.89	5,499	1,958
199.38	5,499	836	199.90	5,499	1,980
199.39	5,499	858	199.91	5,499	2,002
199.40	5,499	880	199.92	5,499	2,024
199.41	5,499	902	199.93	5,499	2,046
199.42	5,499	924	199.94	5,499	2,068
199.43	5,499	946	199.95	5,499	2,090
199.44	5,499	968	199.96	5,499	2,112
199.45	5,499	990	199.97	5,499	2,134
199.46	5,499	1,012	199.98	5,499	2,156
199.47	5,499	1,034	199.99	5,499	2,178
199.48	5,499	1,056	200.00	5,499	2,200
199.49	5,499	1,078	200.01	5,499	2,222
199.50	5,499	1,100	200.02	5,499	2,244
199.51	5,499	1,122	200.03	5,499	2,266

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.04	5,499	2,288	200.56	5,499	3,431
200.05	5,499	2,310	200.57	5,499	3,453
200.06	5,499	2,332	200.58	5,499	3,475
200.07	5,499	2,354	200.59	5,499	3,497
200.08	5,499	2,376	200.60	5,499	3,519
200.09	5,499	2,398	200.61	5,499	3,541
200.10	5,499	2,420	200.62	5,499	3,563
200.11	5,499	2,442	200.63	5,499	3,585
200.12	5,499	2,464	200.64	5,499	3,607
200.13	5,499	2,486	200.65	5,499	3,629
200.14	5,499	2,508	200.66	5,499	3,651
200.15	5,499	2,530	200.67	5,499	3,673
200.16	5,499	2,552	200.68	5,499	3,695
200.17	5,499	2,574	200.69	5,499	3,717
200.18	5,499	2,596	200.70	5,499	3,739
200.19	5,499	2,618	200.71	5,499	3,761
200.20	5,499	2,640	200.72	5,499	3,783
200.21	5,499	2,662	200.73	5,499	3,805
200.22	5,499	2,684	200.74	5,499	3,827
200.23	5,499	2,706	200.75	5,499	3,849
200.24	5,499	2,728	200.76	5,499	3,871
200.25	5,499	2,750	200.77	5,499	3,893
200.26	5,499	2,771	200.78	5,499	3,915
200.27	5,499	2,793	200.79	5,499	3,937
200.28	5,499	2,815	200.80	5,499	3,959
200.29	5,499	2,837	200.81	5,499	3,981
200.30	5,499	2,859	200.82	5,499	4,003
200.31	5,499	2,881	200.83	5,499	4,025
200.32	5,499	2,903	200.84	5,499	4,047
200.33	5,499	2,925	200.85	5,499	4,069
200.34	5,499	2,947	200.86	5,499	4,091
200.35	5,499	2,969	200.87	5,499	4,113
200.36	5,499	2,991	200.88	5,499	4,135
200.37	5,499	3,013	200.89	5,499	4,157
200.38	5,499	3,035	200.90	5,499	4,179
200.39	5,499	3,057	200.91	5,499	4,201
200.40	5,499	3,079	200.92	5,499	4,223
200.41	5,499	3,101	200.93	5,499	4,245
200.42	5,499	3,123	200.94	5,499	4,267
200.43	5,499	3,145	200.95	5,499	4,289
200.44	5,499	3,167	200.96	5,499	4,311
200.45	5,499	3,189	200.97	5,499	4,333
200.46	5,499	3,211	200.98	5,499	4,355
200.47	5,499	3,233	200.99	5,499	4,377
200.48	5,499	3,255	201.00	5,499	4,399
200.49	5,499	3,277	201.01	5,499	4,421
200.50	5,499	3,299	201.02	5,499	4,443
200.51	5,499	3,321	201.03	5,499	4,465
200.52	5,499	3,343	201.04	5,499	4,487
200.53	5,499	3,365	201.05	5,499	4,509
200.54	5,499	3,387	201.06	5,499	4,531
200.55	5,499	3,409	201.07	5,499	4,553

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.08	5,499	4,575	201.60	5,499	5,719
201.09	5,499	4,597	201.61	5,499	5,741
201.10	5,499	4,619	201.62	5,499	5,763
201.11	5,499	4,641	201.63	5,499	5,785
201.12	5,499	4,663	201.64	5,499	5,807
201.13	5,499	4,685	201.65	5,499	5,829
201.14	5,499	4,707	201.66	5,499	5,851
201.15	5,499	4,729	201.67	5,499	5,873
201.16	5,499	4,751	201.68	5,499	5,895
201.17	5,499	4,773	201.69	5,499	5,917
201.18	5,499	4,795	201.70	5,499	5,939
201.19	5,499	4,817	201.71	5,499	5,961
201.20	5,499	4,839	201.72	5,499	5,983
201.21	5,499	4,861	201.73	5,499	6,005
201.22	5,499	4,883	201.74	5,499	6,027
201.23	5,499	4,905	201.75	5,499	6,049
201.24	5,499	4,927	201.76	5,499	6,071
201.25	5,499	4,949	201.77	5,499	6,093
201.26	5,499	4,971	201.78	5,499	6,115
201.27	5,499	4,993	201.79	5,499	6,137
201.28	5,499	5,015	201.80	5,499	6,159
201.29	5,499	5,037	201.81	5,499	6,181
201.30	5,499	5,059	201.82	5,499	6,203
201.31	5,499	5,081	201.83	5,499	6,225
201.32	5,499	5,103	201.84	5,499	6,247
201.33	5,499	5,125	201.85	5,499	6,269
201.34	5,499	5,147	201.86	5,499	6,291
201.35	5,499	5,169	201.87	5,499	6,313
201.36	5,499	5,191	201.88	5,499	6,335
201.37	5,499	5,213	201.89	5,499	6,357
201.38	5,499	5,235	201.90	5,499	6,379
201.39	5,499	5,257	201.91	5,499	6,401
201.40	5,499	5,279	201.92	5,499	6,423
201.41	5,499	5,301	201.93	5,499	6,445
201.42	5,499	5,323	201.94	5,499	6,467
201.43	5,499	5,345	201.95	5,499	6,489
201.44	5,499	5,367	201.96	5,499	6,511
201.45	5,499	5,389	201.97	5,499	6,533
201.46	5,499	5,411	201.98	5,499	6,555
201.47	5,499	5,433	201.99	5,499	6,577
201.48	5,499	5,455	202.00	5,499	6,599
201.49	5,499	5,477	202.01	5,499	6,621
201.50	5,499	5,499	202.02	5,499	6,643
201.51	5,499	5,521	202.03	5,499	6,665
201.52	5,499	5,543	202.04	5,499	6,687
201.53	5,499	5,565	202.05	5,499	6,709
201.54	5,499	5,587	202.06	5,499	6,731
201.55	5,499	5,609	202.07	5,499	6,753
201.56	5,499	5,631	202.08	5,499	6,775
201.57	5,499	5,653	202.09	5,499	6,797
201.58	5,499	5,675	202.10	5,499	6,819
201.59	5,499	5,697	202.11	5,499	6,841

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.12	5,499	6,863	202.64	5,499	8,007
202.13	5,499	6,885	202.65	5,499	8,029
202.14	5,499	6,907	202.66	5,499	8,051
202.15	5,499	6,929	202.67	5,499	8,073
202.16	5,499	6,951	202.68	5,499	8,095
202.17	5,499	6,973	202.69	5,499	8,117
202.18	5,499	6,995	202.70	5,499	8,139
202.19	5,499	7,017	202.71	5,499	8,161
202.20	5,499	7,039	202.72	5,499	8,183
202.21	5,499	7,061	202.73	5,499	8,205
202.22	5,499	7,083	202.74	5,499	8,227
202.23	5,499	7,105	202.75	5,499	8,249
202.24	5,499	7,127	202.76	5,499	8,270
202.25	5,499	7,149	202.77	5,499	8,292
202.26	5,499	7,171	202.78	5,499	8,314
202.27	5,499	7,193	202.79	5,499	8,336
202.28	5,499	7,215	202.80	5,499	8,358
202.29	5,499	7,237	202.81	5,499	8,380
202.30	5,499	7,259	202.82	5,499	8,402
202.31	5,499	7,281	202.83	5,499	8,424
202.32	5,499	7,303	202.84	5,499	8,446
202.33	5,499	7,325	202.85	5,499	8,468
202.34	5,499	7,347	202.86	5,499	8,490
202.35	5,499	7,369	202.87	5,499	8,512
202.36	5,499	7,391	202.88	5,499	8,534
202.37	5,499	7,413	202.89	5,499	8,556
202.38	5,499	7,435	202.90	5,499	8,578
202.39	5,499	7,457	202.91	5,499	8,600
202.40	5,499	7,479	202.92	5,499	8,622
202.41	5,499	7,501	202.93	5,499	8,644
202.42	5,499	7,523	202.94	5,499	8,666
202.43	5,499	7,545	202.95	5,499	8,688
202.44	5,499	7,567	202.96	5,499	8,710
202.45	5,499	7,589	202.97	5,499	8,732
202.46	5,499	7,611	202.98	5,499	8,754
202.47	5,499	7,633	202.99	5,499	8,776
202.48	5,499	7,655	203.00	5,499	8,798
202.49	5,499	7,677	203.01	5,499	8,820
202.50	5,499	7,699	203.02	5,499	8,842
202.51	5,499	7,721	203.03	5,499	8,864
202.52	5,499	7,743	203.04	5,499	8,886
202.53	5,499	7,765	203.05	5,499	8,908
202.54	5,499	7,787	203.06	5,499	8,930
202.55	5,499	7,809	203.07	5,499	8,952
202.56	5,499	7,831	203.08	5,499	8,974
202.57	5,499	7,853	203.09	5,499	8,996
202.58	5,499	7,875	203.10	5,499	9,018
202.59	5,499	7,897	203.11	5,499	9,040
202.60	5,499	7,919	203.12	5,499	9,062
202.61	5,499	7,941	203.13	5,499	9,084
202.62	5,499	7,963	203.14	5,499	9,106
202.63	5,499	7,985	203.15	5,499	9,128

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.16	5,499	9,150	203.68	5,499	10,294
203.17	5,499	9,172	203.69	5,499	10,316
203.18	5,499	9,194	203.70	5,499	10,338
203.19	5,499	9,216	203.71	5,499	10,360
203.20	5,499	9,238	203.72	5,499	10,382
203.21	5,499	9,260	203.73	5,499	10,404
203.22	5,499	9,282	203.74	5,499	10,426
203.23	5,499	9,304	203.75	5,499	10,448
203.24	5,499	9,326	203.76	5,499	10,470
203.25	5,499	9,348	203.77	5,499	10,492
203.26	5,499	9,370	203.78	5,499	10,514
203.27	5,499	9,392	203.79	5,499	10,536
203.28	5,499	9,414	203.80	5,499	10,558
203.29	5,499	9,436	203.81	5,499	10,580
203.30	5,499	9,458	203.82	5,499	10,602
203.31	5,499	9,480	203.83	5,499	10,624
203.32	5,499	9,502	203.84	5,499	10,646
203.33	5,499	9,524	203.85	5,499	10,668
203.34	5,499	9,546	203.86	5,499	10,690
203.35	5,499	9,568	203.87	5,499	10,712
203.36	5,499	9,590	203.88	5,499	10,734
203.37	5,499	9,612	203.89	5,499	10,756
203.38	5,499	9,634	203.90	5,499	10,778
203.39	5,499	9,656	203.91	5,499	10,800
203.40	5,499	9,678	203.92	5,499	10,822
203.41	5,499	9,700	203.93	5,499	10,844
203.42	5,499	9,722	203.94	5,499	10,866
203.43	5,499	9,744	203.95	5,499	10,888
203.44	5,499	9,766	203.96	5,499	10,910
203.45	5,499	9,788	203.97	5,499	10,932
203.46	5,499	9,810	203.98	5,499	10,954
203.47	5,499	9,832	203.99	5,499	10,976
203.48	5,499	9,854	204.00	5,499	10,998
203.49	5,499	9,876			
203.50	5,499	9,898			
203.51	5,499	9,920			
203.52	5,499	9,942			
203.53	5,499	9,964			
203.54	5,499	9,986			
203.55	5,499	10,008			
203.56	5,499	10,030			
203.57	5,499	10,052			
203.58	5,499	10,074			
203.59	5,499	10,096			
203.60	5,499	10,118			
203.61	5,499	10,140			
203.62	5,499	10,162			
203.63	5,499	10,184			
203.64	5,499	10,206			
203.65	5,499	10,228			
203.66	5,499	10,250			
203.67	5,499	10,272			

Summary for Pond 3P: Underground Storage

Inflow Area = 0.568 ac, 100.00% Impervious, Inflow Depth = 5.57" for Future 10 yr event
 Inflow = 3.93 cfs @ 12.08 hrs, Volume= 0.264 af
 Outflow = 1.99 cfs @ 12.16 hrs, Volume= 0.215 af, Atten= 49%, Lag= 4.8 min
 Primary = 1.99 cfs @ 12.16 hrs, Volume= 0.215 af
 Routed to Pond B-39 : Basin #39

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.44' @ 12.16 hrs Surf.Area= 0.070 ac Storage= 0.094 af

Plug-Flow detention time= 166.1 min calculated for 0.214 af (81% of inflow)
 Center-of-Mass det. time= 90.0 min (832.7 - 742.7)

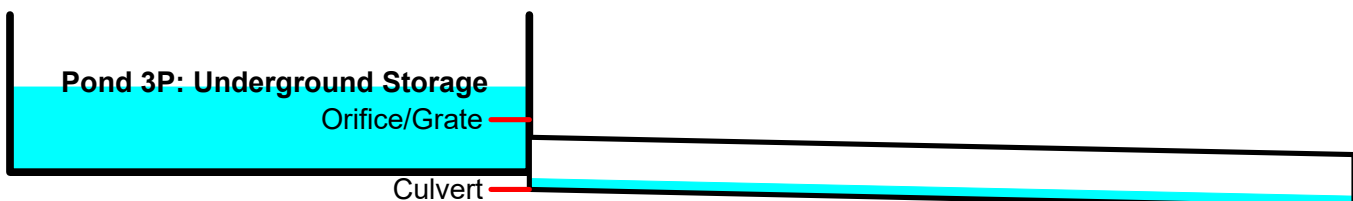
Volume	Invert	Avail.Storage	Storage Description
#1A	202.00'	0.082 af	48.50'W x 63.00'L x 4.50'H Field A 0.316 af Overall - 0.110 af Embedded = 0.206 af x 40.0% Voids
#2A	202.50'	0.088 af	ADS N-12 36" x 27 Inside #1 Inside= 36.1"W x 36.1"H => 7.10 sf x 20.00'L = 142.0 cf Outside= 42.0"W x 42.0"H => 8.86 sf x 20.00'L = 177.1 cf 27 Chambers in 9 Rows
0.170 af			Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	201.50'	18.0" Round Culvert L= 100.0' Ke= 1.000 Inlet / Outlet Invert= 201.50' / 201.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	203.50'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads

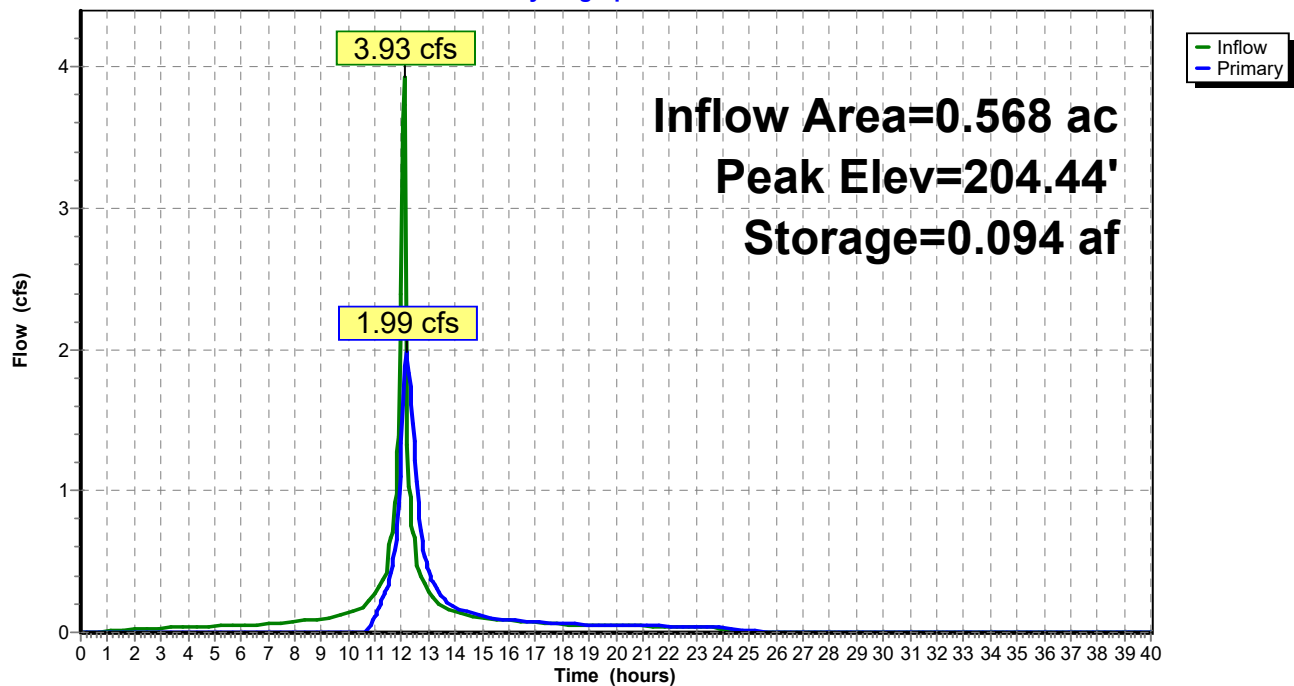
Primary OutFlow Max=1.98 cfs @ 12.16 hrs HW=204.43' (Free Discharge)

↑ **1=Culvert** (Passes 1.98 cfs of 9.42 cfs potential flow)
 ↑ **2=Orifice/Grate** (Orifice Controls 1.98 cfs @ 3.95 fps)



Pond 3P: Underground Storage

Hydrograph



Hydrograph for Pond 3P: Underground Storage

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.000	202.00	0.00
0.10	0.00	0.000	202.00	0.00
0.20	0.00	0.000	202.00	0.00
0.30	0.00	0.000	202.00	0.00
0.40	0.00	0.000	202.00	0.00
0.50	0.00	0.000	202.00	0.00
0.60	0.00	0.000	202.00	0.00
0.70	0.00	0.000	202.00	0.00
0.80	0.00	0.000	202.00	0.00
0.90	0.00	0.000	202.00	0.00
1.00	0.01	0.000	202.00	0.00
1.10	0.01	0.000	202.01	0.00
1.20	0.01	0.000	202.01	0.00
1.30	0.01	0.000	202.01	0.00
1.40	0.01	0.000	202.01	0.00
1.50	0.01	0.001	202.02	0.00
1.60	0.02	0.001	202.02	0.00
1.70	0.02	0.001	202.03	0.00
1.80	0.02	0.001	202.03	0.00
1.90	0.02	0.001	202.04	0.00
2.00	0.02	0.001	202.05	0.00
2.10	0.02	0.001	202.05	0.00
2.20	0.02	0.002	202.06	0.00
2.30	0.02	0.002	202.06	0.00
2.40	0.02	0.002	202.07	0.00
2.50	0.03	0.002	202.08	0.00
2.60	0.03	0.002	202.09	0.00
2.70	0.03	0.003	202.10	0.00
2.80	0.03	0.003	202.10	0.00
2.90	0.03	0.003	202.11	0.00
3.00	0.03	0.003	202.12	0.00
3.10	0.03	0.004	202.13	0.00
3.20	0.03	0.004	202.14	0.00
3.30	0.03	0.004	202.15	0.00
3.40	0.03	0.004	202.16	0.00
3.50	0.03	0.005	202.17	0.00
3.60	0.03	0.005	202.18	0.00
3.70	0.04	0.005	202.19	0.00
3.80	0.04	0.006	202.20	0.00
3.90	0.04	0.006	202.21	0.00
4.00	0.04	0.006	202.22	0.00
4.10	0.04	0.006	202.23	0.00
4.20	0.04	0.007	202.24	0.00
4.30	0.04	0.007	202.25	0.00
4.40	0.04	0.007	202.27	0.00
4.50	0.04	0.008	202.28	0.00
4.60	0.04	0.008	202.29	0.00
4.70	0.04	0.008	202.30	0.00
4.80	0.04	0.009	202.31	0.00
4.90	0.04	0.009	202.33	0.00
5.00	0.04	0.009	202.34	0.00
5.10	0.04	0.010	202.35	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	0.010	202.36	0.00
5.30	0.04	0.011	202.38	0.00
5.40	0.04	0.011	202.39	0.00
5.50	0.05	0.011	202.40	0.00
5.60	0.05	0.012	202.42	0.00
5.70	0.05	0.012	202.43	0.00
5.80	0.05	0.012	202.44	0.00
5.90	0.05	0.013	202.46	0.00
6.00	0.05	0.013	202.47	0.00
6.10	0.05	0.014	202.49	0.00
6.20	0.05	0.014	202.50	0.00
6.30	0.05	0.014	202.52	0.00
6.40	0.05	0.015	202.53	0.00
6.50	0.05	0.015	202.55	0.00
6.60	0.06	0.016	202.57	0.00
6.70	0.06	0.016	202.59	0.00
6.80	0.06	0.017	202.61	0.00
6.90	0.06	0.017	202.64	0.00
7.00	0.06	0.018	202.66	0.00
7.10	0.06	0.018	202.68	0.00
7.20	0.06	0.019	202.71	0.00
7.30	0.07	0.019	202.74	0.00
7.40	0.07	0.020	202.76	0.00
7.50	0.07	0.020	202.78	0.00
7.60	0.07	0.021	202.80	0.00
7.70	0.07	0.022	202.82	0.00
7.80	0.07	0.022	202.84	0.00
7.90	0.07	0.023	202.86	0.00
8.00	0.08	0.023	202.88	0.00
8.10	0.08	0.024	202.90	0.00
8.20	0.08	0.025	202.92	0.00
8.30	0.08	0.025	202.93	0.00
8.40	0.08	0.026	202.95	0.00
8.50	0.08	0.027	202.97	0.00
8.60	0.08	0.027	202.99	0.00
8.70	0.09	0.028	203.01	0.00
8.80	0.09	0.029	203.03	0.00
8.90	0.09	0.030	203.05	0.00
9.00	0.09	0.030	203.07	0.00
9.10	0.09	0.031	203.09	0.00
9.20	0.10	0.032	203.11	0.00
9.30	0.10	0.033	203.13	0.00
9.40	0.11	0.034	203.15	0.00
9.50	0.11	0.035	203.17	0.00
9.60	0.12	0.036	203.19	0.00
9.70	0.12	0.037	203.22	0.00
9.80	0.13	0.038	203.24	0.00
9.90	0.13	0.039	203.27	0.00
10.00	0.14	0.040	203.29	0.00
10.10	0.14	0.041	203.32	0.00
10.20	0.15	0.042	203.35	0.00
10.30	0.15	0.043	203.38	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	0.045	203.41	0.00
10.50	0.17	0.046	203.44	0.00
10.60	0.18	0.048	203.47	0.00
10.70	0.20	0.049	203.50	0.00
10.80	0.22	0.051	203.54	0.03
10.90	0.24	0.052	203.57	0.07
11.00	0.26	0.054	203.60	0.11
11.10	0.30	0.055	203.63	0.15
11.20	0.33	0.056	203.66	0.20
11.30	0.37	0.057	203.68	0.24
11.40	0.40	0.058	203.70	0.29
11.50	0.44	0.059	203.72	0.33
11.60	0.67	0.061	203.76	0.42
11.70	0.72	0.063	203.80	0.52
11.80	0.98	0.065	203.85	0.66
11.90	1.39	0.069	203.93	0.89
12.00	2.39	0.077	204.08	1.34
12.10	3.73	0.091	204.37	1.88
12.20	1.33	0.093	204.40	1.93
12.30	0.96	0.087	204.28	1.73
12.40	0.71	0.080	204.14	1.48
12.50	0.66	0.074	204.03	1.22
12.60	0.43	0.070	203.93	0.92
12.70	0.40	0.066	203.87	0.71
12.80	0.37	0.064	203.82	0.59
12.90	0.33	0.063	203.79	0.50
13.00	0.30	0.061	203.76	0.43
13.10	0.26	0.060	203.74	0.38
13.20	0.24	0.059	203.72	0.33
13.30	0.22	0.059	203.71	0.30
13.40	0.20	0.058	203.69	0.27
13.50	0.19	0.057	203.68	0.25
13.60	0.17	0.057	203.67	0.23
13.70	0.16	0.057	203.66	0.21
13.80	0.16	0.056	203.65	0.19
13.90	0.15	0.056	203.65	0.18
14.00	0.15	0.056	203.64	0.17
14.10	0.14	0.055	203.64	0.17
14.20	0.14	0.055	203.63	0.16
14.30	0.13	0.055	203.63	0.15
14.40	0.13	0.055	203.63	0.15
14.50	0.12	0.055	203.62	0.14
14.60	0.12	0.055	203.62	0.13
14.70	0.11	0.054	203.62	0.13
14.80	0.11	0.054	203.61	0.12
14.90	0.10	0.054	203.61	0.12
15.00	0.10	0.054	203.61	0.12
15.10	0.09	0.054	203.60	0.11
15.20	0.09	0.054	203.60	0.11
15.30	0.09	0.054	203.60	0.10
15.40	0.09	0.054	203.60	0.10
15.50	0.09	0.053	203.60	0.10

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
15.60	0.09	0.053	203.59	0.09
15.70	0.08	0.053	203.59	0.09
15.80	0.08	0.053	203.59	0.09
15.90	0.08	0.053	203.59	0.09
16.00	0.08	0.053	203.59	0.09
16.10	0.08	0.053	203.59	0.09
16.20	0.08	0.053	203.59	0.08
16.30	0.08	0.053	203.59	0.08
16.40	0.08	0.053	203.59	0.08
16.50	0.07	0.053	203.58	0.08
16.60	0.07	0.053	203.58	0.08
16.70	0.07	0.053	203.58	0.08
16.80	0.07	0.053	203.58	0.08
16.90	0.07	0.053	203.58	0.07
17.00	0.07	0.053	203.58	0.07
17.10	0.07	0.053	203.58	0.07
17.20	0.07	0.053	203.58	0.07
17.30	0.06	0.053	203.58	0.07
17.40	0.06	0.053	203.58	0.07
17.50	0.06	0.052	203.58	0.07
17.60	0.06	0.052	203.57	0.07
17.70	0.06	0.052	203.57	0.06
17.80	0.06	0.052	203.57	0.06
17.90	0.06	0.052	203.57	0.06
18.00	0.05	0.052	203.57	0.06
18.10	0.05	0.052	203.57	0.06
18.20	0.05	0.052	203.57	0.06
18.30	0.05	0.052	203.57	0.06
18.40	0.05	0.052	203.57	0.06
18.50	0.05	0.052	203.57	0.06
18.60	0.05	0.052	203.57	0.05
18.70	0.05	0.052	203.57	0.05
18.80	0.05	0.052	203.56	0.05
18.90	0.05	0.052	203.56	0.05
19.00	0.05	0.052	203.56	0.05
19.10	0.05	0.052	203.56	0.05
19.20	0.05	0.052	203.56	0.05
19.30	0.05	0.052	203.56	0.05
19.40	0.05	0.052	203.56	0.05
19.50	0.05	0.052	203.56	0.05
19.60	0.05	0.052	203.56	0.05
19.70	0.05	0.052	203.56	0.05
19.80	0.05	0.052	203.56	0.05
19.90	0.05	0.052	203.56	0.05
20.00	0.05	0.052	203.56	0.05
20.10	0.05	0.052	203.56	0.05
20.20	0.05	0.052	203.56	0.05
20.30	0.05	0.052	203.56	0.05
20.40	0.05	0.052	203.56	0.05
20.50	0.05	0.052	203.56	0.05
20.60	0.05	0.052	203.56	0.05
20.70	0.04	0.052	203.56	0.05

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
20.80	0.04	0.052	203.56	0.05
20.90	0.04	0.052	203.56	0.05
21.00	0.04	0.052	203.56	0.05
21.10	0.04	0.052	203.56	0.05
21.20	0.04	0.052	203.56	0.04
21.30	0.04	0.052	203.56	0.04
21.40	0.04	0.052	203.56	0.04
21.50	0.04	0.052	203.56	0.04
21.60	0.04	0.052	203.56	0.04
21.70	0.04	0.052	203.56	0.04
21.80	0.04	0.052	203.56	0.04
21.90	0.04	0.052	203.56	0.04
22.00	0.04	0.052	203.56	0.04
22.10	0.04	0.052	203.55	0.04
22.20	0.04	0.052	203.55	0.04
22.30	0.04	0.051	203.55	0.04
22.40	0.04	0.051	203.55	0.04
22.50	0.04	0.051	203.55	0.04
22.60	0.04	0.051	203.55	0.04
22.70	0.04	0.051	203.55	0.04
22.80	0.04	0.051	203.55	0.04
22.90	0.04	0.051	203.55	0.04
23.00	0.04	0.051	203.55	0.04
23.10	0.04	0.051	203.55	0.04
23.20	0.04	0.051	203.55	0.04
23.30	0.04	0.051	203.55	0.04
23.40	0.04	0.051	203.55	0.04
23.50	0.04	0.051	203.55	0.04
23.60	0.04	0.051	203.55	0.04
23.70	0.04	0.051	203.55	0.04
23.80	0.03	0.051	203.55	0.04
23.90	0.03	0.051	203.55	0.04
24.00	0.04	0.051	203.55	0.04
24.10	0.00	0.051	203.55	0.03
24.20	0.00	0.051	203.54	0.03
24.30	0.00	0.051	203.54	0.02
24.40	0.00	0.051	203.53	0.02
24.50	0.00	0.050	203.53	0.02
24.60	0.00	0.050	203.53	0.01
24.70	0.00	0.050	203.52	0.01
24.80	0.00	0.050	203.52	0.01
24.90	0.00	0.050	203.52	0.01
25.00	0.00	0.050	203.52	0.01
25.10	0.00	0.050	203.52	0.01
25.20	0.00	0.050	203.52	0.01
25.30	0.00	0.050	203.52	0.01
25.40	0.00	0.050	203.51	0.01
25.50	0.00	0.050	203.51	0.01
25.60	0.00	0.050	203.51	0.00
25.70	0.00	0.050	203.51	0.00
25.80	0.00	0.049	203.51	0.00
25.90	0.00	0.049	203.51	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.049	203.51	0.00
26.10	0.00	0.049	203.51	0.00
26.20	0.00	0.049	203.51	0.00
26.30	0.00	0.049	203.51	0.00
26.40	0.00	0.049	203.51	0.00
26.50	0.00	0.049	203.51	0.00
26.60	0.00	0.049	203.51	0.00
26.70	0.00	0.049	203.51	0.00
26.80	0.00	0.049	203.51	0.00
26.90	0.00	0.049	203.50	0.00
27.00	0.00	0.049	203.50	0.00
27.10	0.00	0.049	203.50	0.00
27.20	0.00	0.049	203.50	0.00
27.30	0.00	0.049	203.50	0.00
27.40	0.00	0.049	203.50	0.00
27.50	0.00	0.049	203.50	0.00
27.60	0.00	0.049	203.50	0.00
27.70	0.00	0.049	203.50	0.00
27.80	0.00	0.049	203.50	0.00
27.90	0.00	0.049	203.50	0.00
28.00	0.00	0.049	203.50	0.00
28.10	0.00	0.049	203.50	0.00
28.20	0.00	0.049	203.50	0.00
28.30	0.00	0.049	203.50	0.00
28.40	0.00	0.049	203.50	0.00
28.50	0.00	0.049	203.50	0.00
28.60	0.00	0.049	203.50	0.00
28.70	0.00	0.049	203.50	0.00
28.80	0.00	0.049	203.50	0.00
28.90	0.00	0.049	203.50	0.00
29.00	0.00	0.049	203.50	0.00
29.10	0.00	0.049	203.50	0.00
29.20	0.00	0.049	203.50	0.00
29.30	0.00	0.049	203.50	0.00
29.40	0.00	0.049	203.50	0.00
29.50	0.00	0.049	203.50	0.00
29.60	0.00	0.049	203.50	0.00
29.70	0.00	0.049	203.50	0.00
29.80	0.00	0.049	203.50	0.00
29.90	0.00	0.049	203.50	0.00
30.00	0.00	0.049	203.50	0.00
30.10	0.00	0.049	203.50	0.00
30.20	0.00	0.049	203.50	0.00
30.30	0.00	0.049	203.50	0.00
30.40	0.00	0.049	203.50	0.00
30.50	0.00	0.049	203.50	0.00
30.60	0.00	0.049	203.50	0.00
30.70	0.00	0.049	203.50	0.00
30.80	0.00	0.049	203.50	0.00
30.90	0.00	0.049	203.50	0.00
31.00	0.00	0.049	203.50	0.00
31.10	0.00	0.049	203.50	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.049	203.50	0.00
31.30	0.00	0.049	203.50	0.00
31.40	0.00	0.049	203.50	0.00
31.50	0.00	0.049	203.50	0.00
31.60	0.00	0.049	203.50	0.00
31.70	0.00	0.049	203.50	0.00
31.80	0.00	0.049	203.50	0.00
31.90	0.00	0.049	203.50	0.00
32.00	0.00	0.049	203.50	0.00
32.10	0.00	0.049	203.50	0.00
32.20	0.00	0.049	203.50	0.00
32.30	0.00	0.049	203.50	0.00
32.40	0.00	0.049	203.50	0.00
32.50	0.00	0.049	203.50	0.00
32.60	0.00	0.049	203.50	0.00
32.70	0.00	0.049	203.50	0.00
32.80	0.00	0.049	203.50	0.00
32.90	0.00	0.049	203.50	0.00
33.00	0.00	0.049	203.50	0.00
33.10	0.00	0.049	203.50	0.00
33.20	0.00	0.049	203.50	0.00
33.30	0.00	0.049	203.50	0.00
33.40	0.00	0.049	203.50	0.00
33.50	0.00	0.049	203.50	0.00
33.60	0.00	0.049	203.50	0.00
33.70	0.00	0.049	203.50	0.00
33.80	0.00	0.049	203.50	0.00
33.90	0.00	0.049	203.50	0.00
34.00	0.00	0.049	203.50	0.00
34.10	0.00	0.049	203.50	0.00
34.20	0.00	0.049	203.50	0.00
34.30	0.00	0.049	203.50	0.00
34.40	0.00	0.049	203.50	0.00
34.50	0.00	0.049	203.50	0.00
34.60	0.00	0.049	203.50	0.00
34.70	0.00	0.049	203.50	0.00
34.80	0.00	0.049	203.50	0.00
34.90	0.00	0.049	203.50	0.00
35.00	0.00	0.049	203.50	0.00
35.10	0.00	0.049	203.50	0.00
35.20	0.00	0.049	203.50	0.00
35.30	0.00	0.049	203.50	0.00
35.40	0.00	0.049	203.50	0.00
35.50	0.00	0.049	203.50	0.00
35.60	0.00	0.049	203.50	0.00
35.70	0.00	0.049	203.50	0.00
35.80	0.00	0.049	203.50	0.00
35.90	0.00	0.049	203.50	0.00
36.00	0.00	0.049	203.50	0.00
36.10	0.00	0.049	203.50	0.00
36.20	0.00	0.049	203.50	0.00
36.30	0.00	0.049	203.50	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.049	203.50	0.00
36.50	0.00	0.049	203.50	0.00
36.60	0.00	0.049	203.50	0.00
36.70	0.00	0.049	203.50	0.00
36.80	0.00	0.049	203.50	0.00
36.90	0.00	0.049	203.50	0.00
37.00	0.00	0.049	203.50	0.00
37.10	0.00	0.049	203.50	0.00
37.20	0.00	0.049	203.50	0.00
37.30	0.00	0.049	203.50	0.00
37.40	0.00	0.049	203.50	0.00
37.50	0.00	0.049	203.50	0.00
37.60	0.00	0.049	203.50	0.00
37.70	0.00	0.049	203.50	0.00
37.80	0.00	0.049	203.50	0.00
37.90	0.00	0.049	203.50	0.00
38.00	0.00	0.049	203.50	0.00
38.10	0.00	0.049	203.50	0.00
38.20	0.00	0.049	203.50	0.00
38.30	0.00	0.049	203.50	0.00
38.40	0.00	0.049	203.50	0.00
38.50	0.00	0.049	203.50	0.00
38.60	0.00	0.049	203.50	0.00
38.70	0.00	0.049	203.50	0.00
38.80	0.00	0.049	203.50	0.00
38.90	0.00	0.049	203.50	0.00
39.00	0.00	0.049	203.50	0.00
39.10	0.00	0.049	203.50	0.00
39.20	0.00	0.049	203.50	0.00
39.30	0.00	0.049	203.50	0.00
39.40	0.00	0.049	203.50	0.00
39.50	0.00	0.049	203.50	0.00
39.60	0.00	0.049	203.50	0.00
39.70	0.00	0.049	203.50	0.00
39.80	0.00	0.049	203.50	0.00
39.90	0.00	0.049	203.50	0.00
40.00	0.00	0.049	203.50	0.00

Stage-Discharge for Pond 3P: Underground Storage

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.00	203.56	0.05
202.01	0.00	202.53	0.00	203.05	0.00	203.57	0.06
202.02	0.00	202.54	0.00	203.06	0.00	203.58	0.07
202.03	0.00	202.55	0.00	203.07	0.00	203.59	0.09
202.04	0.00	202.56	0.00	203.08	0.00	203.60	0.10
202.05	0.00	202.57	0.00	203.09	0.00	203.61	0.12
202.06	0.00	202.58	0.00	203.10	0.00	203.62	0.13
202.07	0.00	202.59	0.00	203.11	0.00	203.63	0.15
202.08	0.00	202.60	0.00	203.12	0.00	203.64	0.17
202.09	0.00	202.61	0.00	203.13	0.00	203.65	0.19
202.10	0.00	202.62	0.00	203.14	0.00	203.66	0.21
202.11	0.00	202.63	0.00	203.15	0.00	203.67	0.22
202.12	0.00	202.64	0.00	203.16	0.00	203.68	0.25
202.13	0.00	202.65	0.00	203.17	0.00	203.69	0.27
202.14	0.00	202.66	0.00	203.18	0.00	203.70	0.29
202.15	0.00	202.67	0.00	203.19	0.00	203.71	0.31
202.16	0.00	202.68	0.00	203.20	0.00	203.72	0.33
202.17	0.00	202.69	0.00	203.21	0.00	203.73	0.35
202.18	0.00	202.70	0.00	203.22	0.00	203.74	0.38
202.19	0.00	202.71	0.00	203.23	0.00	203.75	0.40
202.20	0.00	202.72	0.00	203.24	0.00	203.76	0.43
202.21	0.00	202.73	0.00	203.25	0.00	203.77	0.45
202.22	0.00	202.74	0.00	203.26	0.00	203.78	0.48
202.23	0.00	202.75	0.00	203.27	0.00	203.79	0.50
202.24	0.00	202.76	0.00	203.28	0.00	203.80	0.53
202.25	0.00	202.77	0.00	203.29	0.00	203.81	0.55
202.26	0.00	202.78	0.00	203.30	0.00	203.82	0.58
202.27	0.00	202.79	0.00	203.31	0.00	203.83	0.61
202.28	0.00	202.80	0.00	203.32	0.00	203.84	0.64
202.29	0.00	202.81	0.00	203.33	0.00	203.85	0.66
202.30	0.00	202.82	0.00	203.34	0.00	203.86	0.69
202.31	0.00	202.83	0.00	203.35	0.00	203.87	0.72
202.32	0.00	202.84	0.00	203.36	0.00	203.88	0.75
202.33	0.00	202.85	0.00	203.37	0.00	203.89	0.78
202.34	0.00	202.86	0.00	203.38	0.00	203.90	0.81
202.35	0.00	202.87	0.00	203.39	0.00	203.91	0.84
202.36	0.00	202.88	0.00	203.40	0.00	203.92	0.87
202.37	0.00	202.89	0.00	203.41	0.00	203.93	0.91
202.38	0.00	202.90	0.00	203.42	0.00	203.94	0.94
202.39	0.00	202.91	0.00	203.43	0.00	203.95	0.97
202.40	0.00	202.92	0.00	203.44	0.00	203.96	1.00
202.41	0.00	202.93	0.00	203.45	0.00	203.97	1.03
202.42	0.00	202.94	0.00	203.46	0.00	203.98	1.07
202.43	0.00	202.95	0.00	203.47	0.00	203.99	1.10
202.44	0.00	202.96	0.00	203.48	0.00	204.00	1.13
202.45	0.00	202.97	0.00	203.49	0.00	204.01	1.17
202.46	0.00	202.98	0.00	203.50	0.00	204.02	1.19
202.47	0.00	202.99	0.00	203.51	0.00	204.03	1.22
202.48	0.00	203.00	0.00	203.52	0.01	204.04	1.25
202.49	0.00	203.01	0.00	203.53	0.02	204.05	1.27
202.50	0.00	203.02	0.00	203.54	0.03	204.06	1.30
202.51	0.00	203.03	0.00	203.55	0.04	204.07	1.32

Stage-Discharge for Pond 3P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.35	204.60	2.21	205.12	2.81	205.64	3.31
204.09	1.37	204.61	2.22	205.13	2.82	205.65	3.32
204.10	1.39	204.62	2.24	205.14	2.83	205.66	3.32
204.11	1.41	204.63	2.25	205.15	2.84	205.67	3.33
204.12	1.43	204.64	2.26	205.16	2.85	205.68	3.34
204.13	1.45	204.65	2.28	205.17	2.87	205.69	3.35
204.14	1.48	204.66	2.29	205.18	2.88	205.70	3.36
204.15	1.50	204.67	2.30	205.19	2.89	205.71	3.37
204.16	1.52	204.68	2.31	205.20	2.90	205.72	3.38
204.17	1.54	204.69	2.33	205.21	2.91	205.73	3.39
204.18	1.55	204.70	2.34	205.22	2.92	205.74	3.39
204.19	1.57	204.71	2.35	205.23	2.93	205.75	3.40
204.20	1.59	204.72	2.36	205.24	2.94	205.76	3.41
204.21	1.61	204.73	2.38	205.25	2.95	205.77	3.42
204.22	1.63	204.74	2.39	205.26	2.95	205.78	3.43
204.23	1.65	204.75	2.40	205.27	2.96	205.79	3.44
204.24	1.67	204.76	2.41	205.28	2.97	205.80	3.44
204.25	1.68	204.77	2.43	205.29	2.98	205.81	3.45
204.26	1.70	204.78	2.44	205.30	2.99	205.82	3.46
204.27	1.72	204.79	2.45	205.31	3.00	205.83	3.47
204.28	1.74	204.80	2.46	205.32	3.01	205.84	3.48
204.29	1.75	204.81	2.47	205.33	3.02	205.85	3.49
204.30	1.77	204.82	2.48	205.34	3.03	205.86	3.50
204.31	1.79	204.83	2.50	205.35	3.04	205.87	3.50
204.32	1.80	204.84	2.51	205.36	3.05	205.88	3.51
204.33	1.82	204.85	2.52	205.37	3.06	205.89	3.52
204.34	1.83	204.86	2.53	205.38	3.07	205.90	3.53
204.35	1.85	204.87	2.54	205.39	3.08	205.91	3.54
204.36	1.87	204.88	2.55	205.40	3.09	205.92	3.54
204.37	1.88	204.89	2.57	205.41	3.10	205.93	3.55
204.38	1.90	204.90	2.58	205.42	3.11	205.94	3.56
204.39	1.91	204.91	2.59	205.43	3.12	205.95	3.57
204.40	1.93	204.92	2.60	205.44	3.13	205.96	3.58
204.41	1.94	204.93	2.61	205.45	3.14	205.97	3.59
204.42	1.96	204.94	2.62	205.46	3.15	205.98	3.59
204.43	1.97	204.95	2.63	205.47	3.15	205.99	3.60
204.44	1.99	204.96	2.64	205.48	3.16	206.00	3.61
204.45	2.00	204.97	2.65	205.49	3.17	206.01	3.62
204.46	2.02	204.98	2.67	205.50	3.18	206.02	3.63
204.47	2.03	204.99	2.68	205.51	3.19	206.03	3.63
204.48	2.05	205.00	2.69	205.52	3.20	206.04	3.64
204.49	2.06	205.01	2.70	205.53	3.21	206.05	3.65
204.50	2.08	205.02	2.71	205.54	3.22	206.06	3.66
204.51	2.09	205.03	2.72	205.55	3.23	206.07	3.67
204.52	2.10	205.04	2.73	205.56	3.24	206.08	3.67
204.53	2.12	205.05	2.74	205.57	3.25	206.09	3.68
204.54	2.13	205.06	2.75	205.58	3.25	206.10	3.69
204.55	2.14	205.07	2.76	205.59	3.26	206.11	3.70
204.56	2.16	205.08	2.77	205.60	3.27	206.12	3.70
204.57	2.17	205.09	2.78	205.61	3.28	206.13	3.71
204.58	2.18	205.10	2.79	205.62	3.29	206.14	3.72
204.59	2.20	205.11	2.80	205.63	3.30	206.15	3.73

Stage-Discharge for Pond 3P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)
206.16	3.74
206.17	3.74
206.18	3.75
206.19	3.76
206.20	3.77
206.21	3.77
206.22	3.78
206.23	3.79
206.24	3.80
206.25	3.80
206.26	3.81
206.27	3.82
206.28	3.83
206.29	3.84
206.30	3.84
206.31	3.85
206.32	3.86
206.33	3.87
206.34	3.87
206.35	3.88
206.36	3.89
206.37	3.90
206.38	3.90
206.39	3.91
206.40	3.92
206.41	3.93
206.42	3.93
206.43	3.94
206.44	3.95
206.45	3.95
206.46	3.96
206.47	3.97
206.48	3.98
206.49	3.98
206.50	3.99

Stage-Area-Storage for Pond 3P: Underground Storage

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
202.00	0.000	202.52	0.015	203.04	0.029
202.01	0.000	202.53	0.015	203.05	0.030
202.02	0.001	202.54	0.015	203.06	0.030
202.03	0.001	202.55	0.015	203.07	0.030
202.04	0.001	202.56	0.016	203.08	0.031
202.05	0.001	202.57	0.016	203.09	0.031
202.06	0.002	202.58	0.016	203.10	0.032
202.07	0.002	202.59	0.016	203.11	0.032
202.08	0.002	202.60	0.016	203.12	0.032
202.09	0.003	202.61	0.017	203.13	0.033
202.10	0.003	202.62	0.017	203.14	0.033
202.11	0.003	202.63	0.017	203.15	0.034
202.12	0.003	202.64	0.017	203.16	0.034
202.13	0.004	202.65	0.018	203.17	0.035
202.14	0.004	202.66	0.018	203.18	0.035
202.15	0.004	202.67	0.018	203.19	0.035
202.16	0.004	202.68	0.018	203.20	0.036
202.17	0.005	202.69	0.018	203.21	0.036
202.18	0.005	202.70	0.019	203.22	0.037
202.19	0.005	202.71	0.019	203.23	0.037
202.20	0.006	202.72	0.019	203.24	0.037
202.21	0.006	202.73	0.019	203.25	0.038
202.22	0.006	202.74	0.019	203.26	0.038
202.23	0.006	202.75	0.020	203.27	0.039
202.24	0.007	202.76	0.020	203.28	0.039
202.25	0.007	202.77	0.020	203.29	0.040
202.26	0.007	202.78	0.020	203.30	0.040
202.27	0.008	202.79	0.021	203.31	0.040
202.28	0.008	202.80	0.021	203.32	0.041
202.29	0.008	202.81	0.021	203.33	0.041
202.30	0.008	202.82	0.022	203.34	0.042
202.31	0.009	202.83	0.022	203.35	0.042
202.32	0.009	202.84	0.022	203.36	0.043
202.33	0.009	202.85	0.023	203.37	0.043
202.34	0.010	202.86	0.023	203.38	0.044
202.35	0.010	202.87	0.023	203.39	0.044
202.36	0.010	202.88	0.023	203.40	0.044
202.37	0.010	202.89	0.024	203.41	0.045
202.38	0.011	202.90	0.024	203.42	0.045
202.39	0.011	202.91	0.025	203.43	0.046
202.40	0.011	202.92	0.025	203.44	0.046
202.41	0.012	202.93	0.025	203.45	0.047
202.42	0.012	202.94	0.026	203.46	0.047
202.43	0.012	202.95	0.026	203.47	0.048
202.44	0.012	202.96	0.026	203.48	0.048
202.45	0.013	202.97	0.027	203.49	0.049
202.46	0.013	202.98	0.027	203.50	0.049
202.47	0.013	202.99	0.027	203.51	0.049
202.48	0.013	203.00	0.028	203.52	0.050
202.49	0.014	203.01	0.028	203.53	0.050
202.50	0.014	203.02	0.029	203.54	0.051
202.51	0.014	203.03	0.029	203.55	0.051

Stage-Area-Storage for Pond 3P: Underground Storage (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
203.56	0.052	204.08	0.077	204.60	0.102
203.57	0.052	204.09	0.077	204.61	0.103
203.58	0.053	204.10	0.078	204.62	0.103
203.59	0.053	204.11	0.078	204.63	0.104
203.60	0.054	204.12	0.079	204.64	0.104
203.61	0.054	204.13	0.079	204.65	0.105
203.62	0.055	204.14	0.080	204.66	0.105
203.63	0.055	204.15	0.080	204.67	0.106
203.64	0.056	204.16	0.081	204.68	0.106
203.65	0.056	204.17	0.081	204.69	0.107
203.66	0.056	204.18	0.082	204.70	0.107
203.67	0.057	204.19	0.082	204.71	0.108
203.68	0.057	204.20	0.083	204.72	0.108
203.69	0.058	204.21	0.083	204.73	0.109
203.70	0.058	204.22	0.084	204.74	0.109
203.71	0.059	204.23	0.084	204.75	0.110
203.72	0.059	204.24	0.085	204.76	0.110
203.73	0.060	204.25	0.085	204.77	0.111
203.74	0.060	204.26	0.086	204.78	0.111
203.75	0.061	204.27	0.086	204.79	0.112
203.76	0.061	204.28	0.087	204.80	0.112
203.77	0.062	204.29	0.087	204.81	0.112
203.78	0.062	204.30	0.088	204.82	0.113
203.79	0.063	204.31	0.088	204.83	0.113
203.80	0.063	204.32	0.089	204.84	0.114
203.81	0.064	204.33	0.089	204.85	0.114
203.82	0.064	204.34	0.090	204.86	0.115
203.83	0.065	204.35	0.090	204.87	0.115
203.84	0.065	204.36	0.091	204.88	0.116
203.85	0.066	204.37	0.091	204.89	0.116
203.86	0.066	204.38	0.092	204.90	0.117
203.87	0.067	204.39	0.092	204.91	0.117
203.88	0.067	204.40	0.093	204.92	0.118
203.89	0.067	204.41	0.093	204.93	0.118
203.90	0.068	204.42	0.094	204.94	0.119
203.91	0.068	204.43	0.094	204.95	0.119
203.92	0.069	204.44	0.095	204.96	0.120
203.93	0.069	204.45	0.095	204.97	0.120
203.94	0.070	204.46	0.096	204.98	0.120
203.95	0.070	204.47	0.096	204.99	0.121
203.96	0.071	204.48	0.096	205.00	0.121
203.97	0.071	204.49	0.097	205.01	0.122
203.98	0.072	204.50	0.097	205.02	0.122
203.99	0.072	204.51	0.098	205.03	0.123
204.00	0.073	204.52	0.098	205.04	0.123
204.01	0.073	204.53	0.099	205.05	0.124
204.02	0.074	204.54	0.099	205.06	0.124
204.03	0.074	204.55	0.100	205.07	0.125
204.04	0.075	204.56	0.100	205.08	0.125
204.05	0.075	204.57	0.101	205.09	0.125
204.06	0.076	204.58	0.101	205.10	0.126
204.07	0.076	204.59	0.102	205.11	0.126

Stage-Area-Storage for Pond 3P: Underground Storage (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
205.12	0.127	205.64	0.148	206.16	0.161
205.13	0.127	205.65	0.148	206.17	0.161
205.14	0.128	205.66	0.148	206.18	0.161
205.15	0.128	205.67	0.148	206.19	0.162
205.16	0.129	205.68	0.149	206.20	0.162
205.17	0.129	205.69	0.149	206.21	0.162
205.18	0.129	205.70	0.149	206.22	0.162
205.19	0.130	205.71	0.150	206.23	0.163
205.20	0.130	205.72	0.150	206.24	0.163
205.21	0.131	205.73	0.150	206.25	0.163
205.22	0.131	205.74	0.150	206.26	0.164
205.23	0.132	205.75	0.151	206.27	0.164
205.24	0.132	205.76	0.151	206.28	0.164
205.25	0.132	205.77	0.151	206.29	0.164
205.26	0.133	205.78	0.151	206.30	0.165
205.27	0.133	205.79	0.151	206.31	0.165
205.28	0.134	205.80	0.152	206.32	0.165
205.29	0.134	205.81	0.152	206.33	0.166
205.30	0.135	205.82	0.152	206.34	0.166
205.31	0.135	205.83	0.152	206.35	0.166
205.32	0.135	205.84	0.153	206.36	0.166
205.33	0.136	205.85	0.153	206.37	0.167
205.34	0.136	205.86	0.153	206.38	0.167
205.35	0.137	205.87	0.153	206.39	0.167
205.36	0.137	205.88	0.153	206.40	0.168
205.37	0.137	205.89	0.154	206.41	0.168
205.38	0.138	205.90	0.154	206.42	0.168
205.39	0.138	205.91	0.154	206.43	0.168
205.40	0.139	205.92	0.154	206.44	0.169
205.41	0.139	205.93	0.155	206.45	0.169
205.42	0.139	205.94	0.155	206.46	0.169
205.43	0.140	205.95	0.155	206.47	0.169
205.44	0.140	205.96	0.155	206.48	0.170
205.45	0.141	205.97	0.156	206.49	0.170
205.46	0.141	205.98	0.156	206.50	0.170
205.47	0.141	205.99	0.156		
205.48	0.142	206.00	0.156		
205.49	0.142	206.01	0.157		
205.50	0.143	206.02	0.157		
205.51	0.143	206.03	0.157		
205.52	0.143	206.04	0.157		
205.53	0.144	206.05	0.158		
205.54	0.144	206.06	0.158		
205.55	0.144	206.07	0.158		
205.56	0.145	206.08	0.159		
205.57	0.145	206.09	0.159		
205.58	0.145	206.10	0.159		
205.59	0.146	206.11	0.159		
205.60	0.146	206.12	0.160		
205.61	0.147	206.13	0.160		
205.62	0.147	206.14	0.160		
205.63	0.147	206.15	0.161		

Summary for Pond B-29: Basin #29

Inflow Area = 1.077 ac, 34.91% Impervious, Inflow Depth = 3.91" for Future 10 yr event
 Inflow = 5.55 cfs @ 12.09 hrs, Volume= 0.351 af
 Outflow = 0.18 cfs @ 14.76 hrs, Volume= 0.295 af, Atten= 97%, Lag= 159.8 min
 Primary = 0.18 cfs @ 14.76 hrs, Volume= 0.295 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 187.59' @ 14.76 hrs Surf.Area= 7,217 sf Storage= 10,352 cf

Plug-Flow detention time= 663.6 min calculated for 0.295 af (84% of inflow)
 Center-of-Mass det. time= 592.7 min (1,380.4 - 787.6)

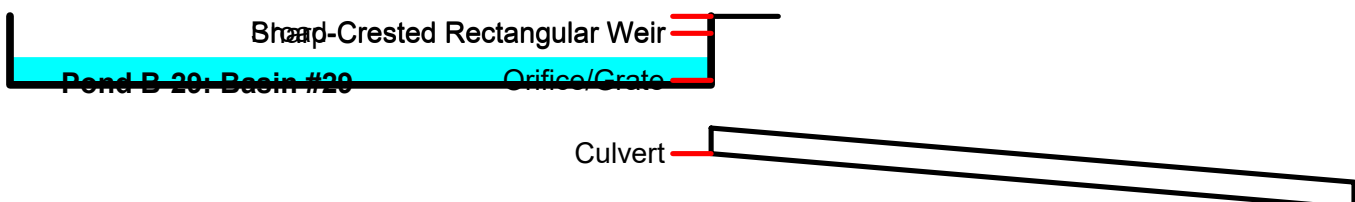
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	29,747 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	5,666	0	0
187.00	6,769	6,218	6,218
188.00	7,526	7,148	13,365
189.00	8,311	7,919	21,284
190.00	8,616	8,464	29,747

Device	Routing	Invert	Outlet Devices
#1	Primary	182.00'	18.0" Round Culvert L= 48.0' Ke= 0.500 Inlet / Outlet Invert= 182.00' / 178.85' S= 0.0656 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	186.27'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	189.99'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

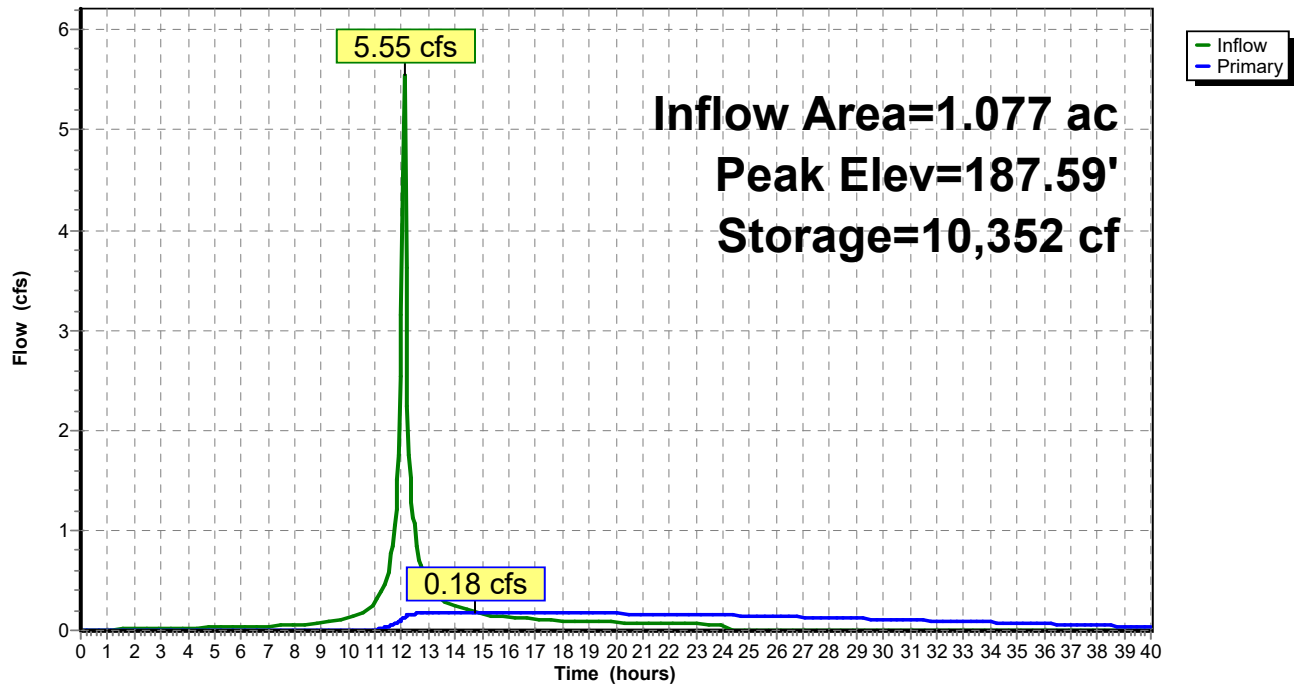
Primary OutFlow Max=0.18 cfs @ 14.76 hrs HW=187.59' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 18.72 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.31 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-29: Basin #29

Hydrograph



Hydrograph for Pond B-29: Basin #29

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.00	0	186.00	0.00
0.60	0.00	0	186.00	0.00
0.70	0.00	0	186.00	0.00
0.80	0.00	0	186.00	0.00
0.90	0.00	1	186.00	0.00
1.00	0.00	2	186.00	0.00
1.10	0.01	4	186.00	0.00
1.20	0.01	6	186.00	0.00
1.30	0.01	8	186.00	0.00
1.40	0.01	11	186.00	0.00
1.50	0.01	14	186.00	0.00
1.60	0.01	18	186.00	0.00
1.70	0.01	22	186.00	0.00
1.80	0.01	26	186.00	0.00
1.90	0.01	30	186.01	0.00
2.00	0.01	35	186.01	0.00
2.10	0.01	40	186.01	0.00
2.20	0.01	45	186.01	0.00
2.30	0.02	51	186.01	0.00
2.40	0.02	57	186.01	0.00
2.50	0.02	63	186.01	0.00
2.60	0.02	69	186.01	0.00
2.70	0.02	75	186.01	0.00
2.80	0.02	82	186.01	0.00
2.90	0.02	89	186.02	0.00
3.00	0.02	96	186.02	0.00
3.10	0.02	103	186.02	0.00
3.20	0.02	110	186.02	0.00
3.30	0.02	118	186.02	0.00
3.40	0.02	126	186.02	0.00
3.50	0.02	134	186.02	0.00
3.60	0.02	142	186.02	0.00
3.70	0.02	150	186.03	0.00
3.80	0.02	158	186.03	0.00
3.90	0.02	167	186.03	0.00
4.00	0.02	176	186.03	0.00
4.10	0.02	185	186.03	0.00
4.20	0.03	194	186.03	0.00
4.30	0.03	203	186.04	0.00
4.40	0.03	212	186.04	0.00
4.50	0.03	222	186.04	0.00
4.60	0.03	231	186.04	0.00
4.70	0.03	241	186.04	0.00
4.80	0.03	251	186.04	0.00
4.90	0.03	261	186.05	0.00
5.00	0.03	271	186.05	0.00
5.10	0.03	281	186.05	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	291	186.05	0.00
5.30	0.03	302	186.05	0.00
5.40	0.03	313	186.05	0.00
5.50	0.03	323	186.06	0.00
5.60	0.03	334	186.06	0.00
5.70	0.03	345	186.06	0.00
5.80	0.03	356	186.06	0.00
5.90	0.03	367	186.06	0.00
6.00	0.03	379	186.07	0.00
6.10	0.03	390	186.07	0.00
6.20	0.03	402	186.07	0.00
6.30	0.03	414	186.07	0.00
6.40	0.04	427	186.07	0.00
6.50	0.04	439	186.08	0.00
6.60	0.04	453	186.08	0.00
6.70	0.04	466	186.08	0.00
6.80	0.04	480	186.08	0.00
6.90	0.04	494	186.09	0.00
7.00	0.04	508	186.09	0.00
7.10	0.04	523	186.09	0.00
7.20	0.04	538	186.09	0.00
7.30	0.04	554	186.10	0.00
7.40	0.04	570	186.10	0.00
7.50	0.05	586	186.10	0.00
7.60	0.05	602	186.11	0.00
7.70	0.05	619	186.11	0.00
7.80	0.05	636	186.11	0.00
7.90	0.05	654	186.11	0.00
8.00	0.05	671	186.12	0.00
8.10	0.05	690	186.12	0.00
8.20	0.05	708	186.12	0.00
8.30	0.05	727	186.13	0.00
8.40	0.06	747	186.13	0.00
8.50	0.06	768	186.13	0.00
8.60	0.06	789	186.14	0.00
8.70	0.06	811	186.14	0.00
8.80	0.06	834	186.15	0.00
8.90	0.07	857	186.15	0.00
9.00	0.07	881	186.15	0.00
9.10	0.07	906	186.16	0.00
9.20	0.08	933	186.16	0.00
9.30	0.08	962	186.17	0.00
9.40	0.09	992	186.17	0.00
9.50	0.09	1,025	186.18	0.00
9.60	0.10	1,059	186.18	0.00
9.70	0.10	1,096	186.19	0.00
9.80	0.11	1,134	186.20	0.00
9.90	0.12	1,175	186.20	0.00
10.00	0.12	1,218	186.21	0.00
10.10	0.13	1,263	186.22	0.00
10.20	0.14	1,311	186.23	0.00
10.30	0.14	1,360	186.23	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.15	1,413	186.24	0.00
10.50	0.16	1,467	186.25	0.00
10.60	0.18	1,527	186.26	0.00
10.70	0.20	1,594	186.27	0.00
10.80	0.22	1,669	186.29	0.00
10.90	0.24	1,752	186.30	0.00
11.00	0.27	1,843	186.32	0.00
11.10	0.31	1,945	186.33	0.01
11.20	0.35	2,060	186.35	0.01
11.30	0.40	2,191	186.37	0.02
11.40	0.45	2,336	186.40	0.03
11.50	0.49	2,495	186.42	0.04
11.60	0.77	2,711	186.46	0.05
11.70	0.86	2,985	186.50	0.06
11.80	1.20	3,335	186.56	0.07
11.90	1.75	3,843	186.64	0.08
12.00	3.15	4,706	186.77	0.10
12.10	5.51	6,264	187.01	0.13
12.20	2.24	7,563	187.20	0.15
12.30	1.52	8,162	187.28	0.16
12.40	1.12	8,573	187.34	0.16
12.50	1.05	8,904	187.39	0.17
12.60	0.70	9,154	187.42	0.17
12.70	0.65	9,334	187.45	0.17
12.80	0.59	9,494	187.47	0.17
12.90	0.54	9,634	187.49	0.17
13.00	0.48	9,754	187.51	0.17
13.10	0.43	9,853	187.52	0.18
13.20	0.39	9,937	187.53	0.18
13.30	0.36	10,009	187.54	0.18
13.40	0.33	10,070	187.55	0.18
13.50	0.30	10,120	187.56	0.18
13.60	0.27	10,159	187.56	0.18
13.70	0.26	10,191	187.57	0.18
13.80	0.26	10,220	187.57	0.18
13.90	0.25	10,247	187.58	0.18
14.00	0.24	10,270	187.58	0.18
14.10	0.23	10,291	187.58	0.18
14.20	0.23	10,308	187.59	0.18
14.30	0.22	10,323	187.59	0.18
14.40	0.21	10,334	187.59	0.18
14.50	0.20	10,343	187.59	0.18
14.60	0.19	10,349	187.59	0.18
14.70	0.19	10,352	187.59	0.18
14.80	0.18	10,352	187.59	0.18
14.90	0.17	10,349	187.59	0.18
15.00	0.16	10,344	187.59	0.18
15.10	0.15	10,335	187.59	0.18
15.20	0.15	10,325	187.59	0.18
15.30	0.15	10,314	187.59	0.18
15.40	0.15	10,302	187.58	0.18
15.50	0.14	10,290	187.58	0.18

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.14	10,277	187.58	0.18
15.70	0.14	10,263	187.58	0.18
15.80	0.14	10,248	187.58	0.18
15.90	0.14	10,233	187.57	0.18
16.00	0.13	10,217	187.57	0.18
16.10	0.13	10,200	187.57	0.18
16.20	0.13	10,183	187.57	0.18
16.30	0.13	10,165	187.57	0.18
16.40	0.13	10,146	187.56	0.18
16.50	0.12	10,127	187.56	0.18
16.60	0.12	10,107	187.56	0.18
16.70	0.12	10,086	187.55	0.18
16.80	0.12	10,064	187.55	0.18
16.90	0.12	10,042	187.55	0.18
17.00	0.11	10,019	187.55	0.18
17.10	0.11	9,996	187.54	0.18
17.20	0.11	9,971	187.54	0.18
17.30	0.11	9,946	187.53	0.18
17.40	0.10	9,921	187.53	0.18
17.50	0.10	9,894	187.53	0.18
17.60	0.10	9,867	187.52	0.18
17.70	0.10	9,840	187.52	0.18
17.80	0.10	9,812	187.52	0.18
17.90	0.09	9,783	187.51	0.18
18.00	0.09	9,753	187.51	0.17
18.10	0.09	9,723	187.50	0.17
18.20	0.09	9,692	187.50	0.17
18.30	0.09	9,661	187.50	0.17
18.40	0.09	9,630	187.49	0.17
18.50	0.09	9,599	187.49	0.17
18.60	0.09	9,568	187.48	0.17
18.70	0.09	9,537	187.48	0.17
18.80	0.09	9,506	187.47	0.17
18.90	0.09	9,475	187.47	0.17
19.00	0.08	9,444	187.46	0.17
19.10	0.08	9,413	187.46	0.17
19.20	0.08	9,381	187.46	0.17
19.30	0.08	9,350	187.45	0.17
19.40	0.08	9,318	187.45	0.17
19.50	0.08	9,287	187.44	0.17
19.60	0.08	9,255	187.44	0.17
19.70	0.08	9,223	187.43	0.17
19.80	0.08	9,192	187.43	0.17
19.90	0.08	9,160	187.42	0.17
20.00	0.08	9,128	187.42	0.17
20.10	0.08	9,096	187.42	0.17
20.20	0.08	9,064	187.41	0.17
20.30	0.08	9,032	187.41	0.17
20.40	0.08	9,000	187.40	0.17
20.50	0.08	8,968	187.40	0.17
20.60	0.08	8,935	187.39	0.17
20.70	0.08	8,903	187.39	0.17

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	8,871	187.38	0.16
20.90	0.07	8,838	187.38	0.16
21.00	0.07	8,806	187.37	0.16
21.10	0.07	8,773	187.37	0.16
21.20	0.07	8,741	187.37	0.16
21.30	0.07	8,708	187.36	0.16
21.40	0.07	8,675	187.36	0.16
21.50	0.07	8,643	187.35	0.16
21.60	0.07	8,610	187.35	0.16
21.70	0.07	8,577	187.34	0.16
21.80	0.07	8,544	187.34	0.16
21.90	0.07	8,511	187.33	0.16
22.00	0.07	8,478	187.33	0.16
22.10	0.07	8,445	187.32	0.16
22.20	0.07	8,412	187.32	0.16
22.30	0.07	8,379	187.31	0.16
22.40	0.07	8,345	187.31	0.16
22.50	0.07	8,312	187.30	0.16
22.60	0.07	8,279	187.30	0.16
22.70	0.06	8,245	187.29	0.16
22.80	0.06	8,212	187.29	0.16
22.90	0.06	8,178	187.29	0.16
23.00	0.06	8,145	187.28	0.16
23.10	0.06	8,111	187.28	0.16
23.20	0.06	8,078	187.27	0.16
23.30	0.06	8,044	187.27	0.15
23.40	0.06	8,010	187.26	0.15
23.50	0.06	7,977	187.26	0.15
23.60	0.06	7,943	187.25	0.15
23.70	0.06	7,909	187.25	0.15
23.80	0.06	7,875	187.24	0.15
23.90	0.06	7,841	187.24	0.15
24.00	0.07	7,810	187.23	0.15
24.10	0.00	7,767	187.23	0.15
24.20	0.00	7,713	187.22	0.15
24.30	0.00	7,659	187.21	0.15
24.40	0.00	7,605	187.20	0.15
24.50	0.00	7,551	187.19	0.15
24.60	0.00	7,498	187.19	0.15
24.70	0.00	7,445	187.18	0.15
24.80	0.00	7,392	187.17	0.15
24.90	0.00	7,339	187.16	0.15
25.00	0.00	7,287	187.16	0.15
25.10	0.00	7,235	187.15	0.14
25.20	0.00	7,183	187.14	0.14
25.30	0.00	7,131	187.13	0.14
25.40	0.00	7,080	187.13	0.14
25.50	0.00	7,029	187.12	0.14
25.60	0.00	6,978	187.11	0.14
25.70	0.00	6,927	187.10	0.14
25.80	0.00	6,877	187.10	0.14
25.90	0.00	6,827	187.09	0.14

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,777	187.08	0.14
26.10	0.00	6,727	187.07	0.14
26.20	0.00	6,678	187.07	0.14
26.30	0.00	6,629	187.06	0.14
26.40	0.00	6,580	187.05	0.14
26.50	0.00	6,531	187.05	0.13
26.60	0.00	6,483	187.04	0.13
26.70	0.00	6,435	187.03	0.13
26.80	0.00	6,387	187.03	0.13
26.90	0.00	6,340	187.02	0.13
27.00	0.00	6,292	187.01	0.13
27.10	0.00	6,245	187.00	0.13
27.20	0.00	6,199	187.00	0.13
27.30	0.00	6,152	186.99	0.13
27.40	0.00	6,106	186.98	0.13
27.50	0.00	6,060	186.98	0.13
27.60	0.00	6,014	186.97	0.13
27.70	0.00	5,969	186.96	0.13
27.80	0.00	5,924	186.96	0.13
27.90	0.00	5,879	186.95	0.12
28.00	0.00	5,834	186.94	0.12
28.10	0.00	5,789	186.94	0.12
28.20	0.00	5,745	186.93	0.12
28.30	0.00	5,701	186.92	0.12
28.40	0.00	5,658	186.92	0.12
28.50	0.00	5,614	186.91	0.12
28.60	0.00	5,571	186.90	0.12
28.70	0.00	5,528	186.90	0.12
28.80	0.00	5,486	186.89	0.12
28.90	0.00	5,443	186.88	0.12
29.00	0.00	5,401	186.88	0.12
29.10	0.00	5,360	186.87	0.12
29.20	0.00	5,318	186.87	0.12
29.30	0.00	5,277	186.86	0.11
29.40	0.00	5,236	186.85	0.11
29.50	0.00	5,195	186.85	0.11
29.60	0.00	5,154	186.84	0.11
29.70	0.00	5,114	186.83	0.11
29.80	0.00	5,074	186.83	0.11
29.90	0.00	5,035	186.82	0.11
30.00	0.00	4,995	186.82	0.11
30.10	0.00	4,956	186.81	0.11
30.20	0.00	4,917	186.80	0.11
30.30	0.00	4,878	186.80	0.11
30.40	0.00	4,840	186.79	0.11
30.50	0.00	4,802	186.79	0.11
30.60	0.00	4,764	186.78	0.10
30.70	0.00	4,727	186.78	0.10
30.80	0.00	4,689	186.77	0.10
30.90	0.00	4,652	186.76	0.10
31.00	0.00	4,615	186.76	0.10
31.10	0.00	4,579	186.75	0.10

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,543	186.75	0.10
31.30	0.00	4,507	186.74	0.10
31.40	0.00	4,471	186.74	0.10
31.50	0.00	4,436	186.73	0.10
31.60	0.00	4,401	186.73	0.10
31.70	0.00	4,366	186.72	0.10
31.80	0.00	4,331	186.71	0.10
31.90	0.00	4,297	186.71	0.09
32.00	0.00	4,263	186.70	0.09
32.10	0.00	4,229	186.70	0.09
32.20	0.00	4,195	186.69	0.09
32.30	0.00	4,162	186.69	0.09
32.40	0.00	4,129	186.68	0.09
32.50	0.00	4,096	186.68	0.09
32.60	0.00	4,064	186.67	0.09
32.70	0.00	4,032	186.67	0.09
32.80	0.00	4,000	186.66	0.09
32.90	0.00	3,968	186.66	0.09
33.00	0.00	3,937	186.65	0.09
33.10	0.00	3,906	186.65	0.09
33.20	0.00	3,875	186.64	0.09
33.30	0.00	3,845	186.64	0.08
33.40	0.00	3,814	186.63	0.08
33.50	0.00	3,784	186.63	0.08
33.60	0.00	3,755	186.62	0.08
33.70	0.00	3,725	186.62	0.08
33.80	0.00	3,696	186.62	0.08
33.90	0.00	3,667	186.61	0.08
34.00	0.00	3,639	186.61	0.08
34.10	0.00	3,610	186.60	0.08
34.20	0.00	3,582	186.60	0.08
34.30	0.00	3,555	186.59	0.08
34.40	0.00	3,527	186.59	0.08
34.50	0.00	3,500	186.58	0.08
34.60	0.00	3,473	186.58	0.07
34.70	0.00	3,446	186.58	0.07
34.80	0.00	3,420	186.57	0.07
34.90	0.00	3,394	186.57	0.07
35.00	0.00	3,368	186.56	0.07
35.10	0.00	3,342	186.56	0.07
35.20	0.00	3,317	186.56	0.07
35.30	0.00	3,292	186.55	0.07
35.40	0.00	3,267	186.55	0.07
35.50	0.00	3,243	186.54	0.07
35.60	0.00	3,219	186.54	0.07
35.70	0.00	3,195	186.54	0.07
35.80	0.00	3,171	186.53	0.07
35.90	0.00	3,148	186.53	0.06
36.00	0.00	3,125	186.52	0.06
36.10	0.00	3,102	186.52	0.06
36.20	0.00	3,080	186.52	0.06
36.30	0.00	3,058	186.51	0.06

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,036	186.51	0.06
36.50	0.00	3,014	186.51	0.06
36.60	0.00	2,993	186.50	0.06
36.70	0.00	2,972	186.50	0.06
36.80	0.00	2,951	186.50	0.06
36.90	0.00	2,930	186.49	0.06
37.00	0.00	2,910	186.49	0.06
37.10	0.00	2,890	186.49	0.06
37.20	0.00	2,871	186.48	0.05
37.30	0.00	2,851	186.48	0.05
37.40	0.00	2,832	186.48	0.05
37.50	0.00	2,813	186.47	0.05
37.60	0.00	2,795	186.47	0.05
37.70	0.00	2,777	186.47	0.05
37.80	0.00	2,759	186.47	0.05
37.90	0.00	2,741	186.46	0.05
38.00	0.00	2,724	186.46	0.05
38.10	0.00	2,707	186.46	0.05
38.20	0.00	2,690	186.45	0.05
38.30	0.00	2,674	186.45	0.05
38.40	0.00	2,657	186.45	0.04
38.50	0.00	2,642	186.45	0.04
38.60	0.00	2,626	186.44	0.04
38.70	0.00	2,611	186.44	0.04
38.80	0.00	2,595	186.44	0.04
38.90	0.00	2,581	186.44	0.04
39.00	0.00	2,566	186.43	0.04
39.10	0.00	2,552	186.43	0.04
39.20	0.00	2,538	186.43	0.04
39.30	0.00	2,524	186.43	0.04
39.40	0.00	2,511	186.43	0.04
39.50	0.00	2,498	186.42	0.04
39.60	0.00	2,485	186.42	0.04
39.70	0.00	2,473	186.42	0.03
39.80	0.00	2,461	186.42	0.03
39.90	0.00	2,449	186.42	0.03
40.00	0.00	2,437	186.41	0.03

Stage-Discharge for Pond B-29: Basin #29

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.00	0.00	186.52	0.06	187.04	0.13	187.56	0.18
186.01	0.00	186.53	0.06	187.05	0.13	187.57	0.18
186.02	0.00	186.54	0.07	187.06	0.14	187.58	0.18
186.03	0.00	186.55	0.07	187.07	0.14	187.59	0.18
186.04	0.00	186.56	0.07	187.08	0.14	187.60	0.18
186.05	0.00	186.57	0.07	187.09	0.14	187.61	0.18
186.06	0.00	186.58	0.07	187.10	0.14	187.62	0.18
186.07	0.00	186.59	0.08	187.11	0.14	187.63	0.18
186.08	0.00	186.60	0.08	187.12	0.14	187.64	0.18
186.09	0.00	186.61	0.08	187.13	0.14	187.65	0.19
186.10	0.00	186.62	0.08	187.14	0.14	187.66	0.19
186.11	0.00	186.63	0.08	187.15	0.14	187.67	0.19
186.12	0.00	186.64	0.08	187.16	0.15	187.68	0.19
186.13	0.00	186.65	0.09	187.17	0.15	187.69	0.19
186.14	0.00	186.66	0.09	187.18	0.15	187.70	0.19
186.15	0.00	186.67	0.09	187.19	0.15	187.71	0.19
186.16	0.00	186.68	0.09	187.20	0.15	187.72	0.19
186.17	0.00	186.69	0.09	187.21	0.15	187.73	0.19
186.18	0.00	186.70	0.09	187.22	0.15	187.74	0.19
186.19	0.00	186.71	0.10	187.23	0.15	187.75	0.19
186.20	0.00	186.72	0.10	187.24	0.15	187.76	0.19
186.21	0.00	186.73	0.10	187.25	0.15	187.77	0.19
186.22	0.00	186.74	0.10	187.26	0.15	187.78	0.19
186.23	0.00	186.75	0.10	187.27	0.16	187.79	0.20
186.24	0.00	186.76	0.10	187.28	0.16	187.80	0.20
186.25	0.00	186.77	0.10	187.29	0.16	187.81	0.20
186.26	0.00	186.78	0.10	187.30	0.16	187.82	0.20
186.27	0.00	186.79	0.11	187.31	0.16	187.83	0.20
186.28	0.00	186.80	0.11	187.32	0.16	187.84	0.20
186.29	0.00	186.81	0.11	187.33	0.16	187.85	0.20
186.30	0.00	186.82	0.11	187.34	0.16	187.86	0.20
186.31	0.00	186.83	0.11	187.35	0.16	187.87	0.20
186.32	0.00	186.84	0.11	187.36	0.16	187.88	0.20
186.33	0.01	186.85	0.11	187.37	0.16	187.89	0.20
186.34	0.01	186.86	0.11	187.38	0.16	187.90	0.20
186.35	0.01	186.87	0.12	187.39	0.17	187.91	0.20
186.36	0.01	186.88	0.12	187.40	0.17	187.92	0.20
186.37	0.02	186.89	0.12	187.41	0.17	187.93	0.20
186.38	0.02	186.90	0.12	187.42	0.17	187.94	0.21
186.39	0.02	186.91	0.12	187.43	0.17	187.95	0.21
186.40	0.03	186.92	0.12	187.44	0.17	187.96	0.21
186.41	0.03	186.93	0.12	187.45	0.17	187.97	0.21
186.42	0.03	186.94	0.12	187.46	0.17	187.98	0.21
186.43	0.04	186.95	0.12	187.47	0.17	187.99	0.21
186.44	0.04	186.96	0.13	187.48	0.17	188.00	0.21
186.45	0.05	186.97	0.13	187.49	0.17	188.01	0.21
186.46	0.05	186.98	0.13	187.50	0.17	188.02	0.21
186.47	0.05	186.99	0.13	187.51	0.17	188.03	0.21
186.48	0.05	187.00	0.13	187.52	0.18	188.04	0.21
186.49	0.06	187.01	0.13	187.53	0.18	188.05	0.21
186.50	0.06	187.02	0.13	187.54	0.18	188.06	0.21
186.51	0.06	187.03	0.13	187.55	0.18	188.07	0.21

Stage-Discharge for Pond B-29: Basin #29 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.21	188.60	0.24	189.12	0.81	189.64	6.78
188.09	0.22	188.61	0.25	189.13	0.88	189.65	6.93
188.10	0.22	188.62	0.25	189.14	0.95	189.66	7.08
188.11	0.22	188.63	0.25	189.15	1.03	189.67	7.23
188.12	0.22	188.64	0.25	189.16	1.10	189.68	7.38
188.13	0.22	188.65	0.25	189.17	1.18	189.69	7.54
188.14	0.22	188.66	0.25	189.18	1.26	189.70	7.69
188.15	0.22	188.67	0.25	189.19	1.35	189.71	7.85
188.16	0.22	188.68	0.25	189.20	1.43	189.72	8.00
188.17	0.22	188.69	0.25	189.21	1.52	189.73	8.16
188.18	0.22	188.70	0.25	189.22	1.61	189.74	8.32
188.19	0.22	188.71	0.25	189.23	1.70	189.75	8.48
188.20	0.22	188.72	0.25	189.24	1.80	189.76	8.64
188.21	0.22	188.73	0.25	189.25	1.89	189.77	8.80
188.22	0.22	188.74	0.25	189.26	1.99	189.78	8.96
188.23	0.22	188.75	0.25	189.27	2.09	189.79	9.12
188.24	0.22	188.76	0.25	189.28	2.19	189.80	9.29
188.25	0.22	188.77	0.25	189.29	2.29	189.81	9.45
188.26	0.23	188.78	0.25	189.30	2.40	189.82	9.62
188.27	0.23	188.79	0.26	189.31	2.50	189.83	9.79
188.28	0.23	188.80	0.26	189.32	2.61	189.84	9.95
188.29	0.23	188.81	0.26	189.33	2.72	189.85	10.12
188.30	0.23	188.82	0.26	189.34	2.83	189.86	10.29
188.31	0.23	188.83	0.26	189.35	2.94	189.87	10.46
188.32	0.23	188.84	0.26	189.36	3.06	189.88	10.63
188.33	0.23	188.85	0.26	189.37	3.17	189.89	10.80
188.34	0.23	188.86	0.26	189.38	3.29	189.90	10.97
188.35	0.23	188.87	0.26	189.39	3.41	189.91	11.15
188.36	0.23	188.88	0.26	189.40	3.53	189.92	11.32
188.37	0.23	188.89	0.26	189.41	3.65	189.93	11.49
188.38	0.23	188.90	0.26	189.42	3.77	189.94	11.67
188.39	0.23	188.91	0.26	189.43	3.90	189.95	11.85
188.40	0.23	188.92	0.26	189.44	4.02	189.96	12.02
188.41	0.23	188.93	0.26	189.45	4.15	189.97	12.20
188.42	0.23	188.94	0.26	189.46	4.28	189.98	12.38
188.43	0.24	188.95	0.26	189.47	4.40	189.99	12.56
188.44	0.24	188.96	0.26	189.48	4.53	190.00	12.86
188.45	0.24	188.97	0.26	189.49	4.67		
188.46	0.24	188.98	0.26	189.50	4.80		
188.47	0.24	188.99	0.27	189.51	4.93		
188.48	0.24	189.00	0.27	189.52	5.07		
188.49	0.24	189.01	0.28	189.53	5.20		
188.50	0.24	189.02	0.30	189.54	5.34		
188.51	0.24	189.03	0.34	189.55	5.48		
188.52	0.24	189.04	0.37	189.56	5.62		
188.53	0.24	189.05	0.41	189.57	5.76		
188.54	0.24	189.06	0.46	189.58	5.90		
188.55	0.24	189.07	0.51	189.59	6.05		
188.56	0.24	189.08	0.56	189.60	6.19		
188.57	0.24	189.09	0.62	189.61	6.34		
188.58	0.24	189.10	0.68	189.62	6.48		
188.59	0.24	189.11	0.75	189.63	6.63		

Stage-Area-Storage for Pond B-29: Basin #29

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	5,666	0	186.52	6,240	3,095
186.01	5,677	57	186.53	6,251	3,158
186.02	5,688	114	186.54	6,262	3,220
186.03	5,699	170	186.55	6,273	3,283
186.04	5,710	228	186.56	6,284	3,346
186.05	5,721	285	186.57	6,295	3,409
186.06	5,732	342	186.58	6,306	3,472
186.07	5,743	399	186.59	6,317	3,535
186.08	5,754	457	186.60	6,328	3,598
186.09	5,765	514	186.61	6,339	3,661
186.10	5,776	572	186.62	6,350	3,725
186.11	5,787	630	186.63	6,361	3,788
186.12	5,798	688	186.64	6,372	3,852
186.13	5,809	746	186.65	6,383	3,916
186.14	5,820	804	186.66	6,394	3,980
186.15	5,831	862	186.67	6,405	4,044
186.16	5,842	921	186.68	6,416	4,108
186.17	5,854	979	186.69	6,427	4,172
186.18	5,865	1,038	186.70	6,438	4,236
186.19	5,876	1,096	186.71	6,449	4,301
186.20	5,887	1,155	186.72	6,460	4,365
186.21	5,898	1,214	186.73	6,471	4,430
186.22	5,909	1,273	186.74	6,482	4,495
186.23	5,920	1,332	186.75	6,493	4,560
186.24	5,931	1,392	186.76	6,504	4,625
186.25	5,942	1,451	186.77	6,515	4,690
186.26	5,953	1,510	186.78	6,526	4,755
186.27	5,964	1,570	186.79	6,537	4,820
186.28	5,975	1,630	186.80	6,548	4,886
186.29	5,986	1,690	186.81	6,559	4,951
186.30	5,997	1,749	186.82	6,570	5,017
186.31	6,008	1,809	186.83	6,581	5,083
186.32	6,019	1,870	186.84	6,593	5,149
186.33	6,030	1,930	186.85	6,604	5,215
186.34	6,041	1,990	186.86	6,615	5,281
186.35	6,052	2,051	186.87	6,626	5,347
186.36	6,063	2,111	186.88	6,637	5,413
186.37	6,074	2,172	186.89	6,648	5,480
186.38	6,085	2,233	186.90	6,659	5,546
186.39	6,096	2,294	186.91	6,670	5,613
186.40	6,107	2,355	186.92	6,681	5,680
186.41	6,118	2,416	186.93	6,692	5,746
186.42	6,129	2,477	186.94	6,703	5,813
186.43	6,140	2,538	186.95	6,714	5,880
186.44	6,151	2,600	186.96	6,725	5,948
186.45	6,162	2,661	186.97	6,736	6,015
186.46	6,173	2,723	186.98	6,747	6,082
186.47	6,184	2,785	186.99	6,758	6,150
186.48	6,195	2,847	187.00	6,769	6,218
186.49	6,206	2,909	187.01	6,777	6,285
186.50	6,218	2,971	187.02	6,784	6,353
186.51	6,229	3,033	187.03	6,792	6,421

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	6,799	6,489	187.56	7,193	10,127
187.05	6,807	6,557	187.57	7,200	10,199
187.06	6,814	6,625	187.58	7,208	10,271
187.07	6,822	6,693	187.59	7,216	10,343
187.08	6,830	6,761	187.60	7,223	10,415
187.09	6,837	6,830	187.61	7,231	10,487
187.10	6,845	6,898	187.62	7,238	10,560
187.11	6,852	6,967	187.63	7,246	10,632
187.12	6,860	7,035	187.64	7,253	10,705
187.13	6,867	7,104	187.65	7,261	10,777
187.14	6,875	7,173	187.66	7,269	10,850
187.15	6,883	7,241	187.67	7,276	10,923
187.16	6,890	7,310	187.68	7,284	10,995
187.17	6,898	7,379	187.69	7,291	11,068
187.18	6,905	7,448	187.70	7,299	11,141
187.19	6,913	7,517	187.71	7,306	11,214
187.20	6,920	7,586	187.72	7,314	11,287
187.21	6,928	7,656	187.73	7,322	11,361
187.22	6,936	7,725	187.74	7,329	11,434
187.23	6,943	7,794	187.75	7,337	11,507
187.24	6,951	7,864	187.76	7,344	11,581
187.25	6,958	7,933	187.77	7,352	11,654
187.26	6,966	8,003	187.78	7,359	11,728
187.27	6,973	8,073	187.79	7,367	11,801
187.28	6,981	8,142	187.80	7,375	11,875
187.29	6,989	8,212	187.81	7,382	11,949
187.30	6,996	8,282	187.82	7,390	12,023
187.31	7,004	8,352	187.83	7,397	12,097
187.32	7,011	8,422	187.84	7,405	12,171
187.33	7,019	8,492	187.85	7,412	12,245
187.34	7,026	8,563	187.86	7,420	12,319
187.35	7,034	8,633	187.87	7,428	12,393
187.36	7,042	8,703	187.88	7,435	12,467
187.37	7,049	8,774	187.89	7,443	12,542
187.38	7,057	8,844	187.90	7,450	12,616
187.39	7,064	8,915	187.91	7,458	12,691
187.40	7,072	8,986	187.92	7,465	12,765
187.41	7,079	9,056	187.93	7,473	12,840
187.42	7,087	9,127	187.94	7,481	12,915
187.43	7,095	9,198	187.95	7,488	12,990
187.44	7,102	9,269	187.96	7,496	13,065
187.45	7,110	9,340	187.97	7,503	13,140
187.46	7,117	9,411	187.98	7,511	13,215
187.47	7,125	9,483	187.99	7,518	13,290
187.48	7,132	9,554	188.00	7,526	13,365
187.49	7,140	9,625	188.01	7,534	13,440
187.50	7,148	9,697	188.02	7,542	13,516
187.51	7,155	9,768	188.03	7,550	13,591
187.52	7,163	9,840	188.04	7,557	13,667
187.53	7,170	9,911	188.05	7,565	13,742
187.54	7,178	9,983	188.06	7,573	13,818
187.55	7,185	10,055	188.07	7,581	13,894

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	7,589	13,970	188.60	7,997	18,022
188.09	7,597	14,046	188.61	8,005	18,102
188.10	7,604	14,122	188.62	8,013	18,182
188.11	7,612	14,198	188.63	8,021	18,262
188.12	7,620	14,274	188.64	8,028	18,342
188.13	7,628	14,350	188.65	8,036	18,423
188.14	7,636	14,426	188.66	8,044	18,503
188.15	7,644	14,503	188.67	8,052	18,584
188.16	7,652	14,579	188.68	8,060	18,664
188.17	7,659	14,656	188.69	8,068	18,745
188.18	7,667	14,732	188.70	8,075	18,826
188.19	7,675	14,809	188.71	8,083	18,906
188.20	7,683	14,886	188.72	8,091	18,987
188.21	7,691	14,963	188.73	8,099	19,068
188.22	7,699	15,040	188.74	8,107	19,149
188.23	7,707	15,117	188.75	8,115	19,230
188.24	7,714	15,194	188.76	8,123	19,311
188.25	7,722	15,271	188.77	8,130	19,393
188.26	7,730	15,348	188.78	8,138	19,474
188.27	7,738	15,426	188.79	8,146	19,555
188.28	7,746	15,503	188.80	8,154	19,637
188.29	7,754	15,581	188.81	8,162	19,719
188.30	7,762	15,658	188.82	8,170	19,800
188.31	7,769	15,736	188.83	8,178	19,882
188.32	7,777	15,814	188.84	8,185	19,964
188.33	7,785	15,891	188.85	8,193	20,046
188.34	7,793	15,969	188.86	8,201	20,128
188.35	7,801	16,047	188.87	8,209	20,210
188.36	7,809	16,125	188.88	8,217	20,292
188.37	7,816	16,203	188.89	8,225	20,374
188.38	7,824	16,282	188.90	8,233	20,456
188.39	7,832	16,360	188.91	8,240	20,539
188.40	7,840	16,438	188.92	8,248	20,621
188.41	7,848	16,517	188.93	8,256	20,704
188.42	7,856	16,595	188.94	8,264	20,786
188.43	7,864	16,674	188.95	8,272	20,869
188.44	7,871	16,752	188.96	8,280	20,952
188.45	7,879	16,831	188.97	8,287	21,035
188.46	7,887	16,910	188.98	8,295	21,117
188.47	7,895	16,989	188.99	8,303	21,200
188.48	7,903	17,068	189.00	8,311	21,284
188.49	7,911	17,147	189.01	8,314	21,367
188.50	7,919	17,226	189.02	8,317	21,450
188.51	7,926	17,305	189.03	8,320	21,533
188.52	7,934	17,385	189.04	8,323	21,616
188.53	7,942	17,464	189.05	8,326	21,699
188.54	7,950	17,543	189.06	8,329	21,783
188.55	7,958	17,623	189.07	8,332	21,866
188.56	7,966	17,703	189.08	8,335	21,949
188.57	7,973	17,782	189.09	8,338	22,033
188.58	7,981	17,862	189.10	8,341	22,116
188.59	7,989	17,942	189.11	8,345	22,200

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	8,348	22,283	189.64	8,506	26,665
189.13	8,351	22,367	189.65	8,509	26,750
189.14	8,354	22,450	189.66	8,512	26,835
189.15	8,357	22,534	189.67	8,515	26,920
189.16	8,360	22,617	189.68	8,518	27,005
189.17	8,363	22,701	189.69	8,521	27,091
189.18	8,366	22,784	189.70	8,524	27,176
189.19	8,369	22,868	189.71	8,528	27,261
189.20	8,372	22,952	189.72	8,531	27,346
189.21	8,375	23,036	189.73	8,534	27,432
189.22	8,378	23,119	189.74	8,537	27,517
189.23	8,381	23,203	189.75	8,540	27,603
189.24	8,384	23,287	189.76	8,543	27,688
189.25	8,387	23,371	189.77	8,546	27,773
189.26	8,390	23,455	189.78	8,549	27,859
189.27	8,393	23,539	189.79	8,552	27,944
189.28	8,396	23,623	189.80	8,555	28,030
189.29	8,399	23,707	189.81	8,558	28,115
189.30	8,403	23,791	189.82	8,561	28,201
189.31	8,406	23,875	189.83	8,564	28,287
189.32	8,409	23,959	189.84	8,567	28,372
189.33	8,412	24,043	189.85	8,570	28,458
189.34	8,415	24,127	189.86	8,573	28,544
189.35	8,418	24,211	189.87	8,576	28,629
189.36	8,421	24,295	189.88	8,579	28,715
189.37	8,424	24,379	189.89	8,582	28,801
189.38	8,427	24,464	189.90	8,586	28,887
189.39	8,430	24,548	189.91	8,589	28,973
189.40	8,433	24,632	189.92	8,592	29,059
189.41	8,436	24,717	189.93	8,595	29,145
189.42	8,439	24,801	189.94	8,598	29,231
189.43	8,442	24,885	189.95	8,601	29,317
189.44	8,445	24,970	189.96	8,604	29,403
189.45	8,448	25,054	189.97	8,607	29,489
189.46	8,451	25,139	189.98	8,610	29,575
189.47	8,454	25,223	189.99	8,613	29,661
189.48	8,457	25,308	190.00	8,616	29,747
189.49	8,460	25,393			
189.50	8,464	25,477			
189.51	8,467	25,562			
189.52	8,470	25,646			
189.53	8,473	25,731			
189.54	8,476	25,816			
189.55	8,479	25,901			
189.56	8,482	25,985			
189.57	8,485	26,070			
189.58	8,488	26,155			
189.59	8,491	26,240			
189.60	8,494	26,325			
189.61	8,497	26,410			
189.62	8,500	26,495			
189.63	8,503	26,580			

Summary for Pond B-30: Basin #30

Inflow Area = 5.727 ac, 37.05% Impervious, Inflow Depth > 3.64" for Future 10 yr event
 Inflow = 15.09 cfs @ 12.09 hrs, Volume= 1.736 af
 Outflow = 1.76 cfs @ 13.77 hrs, Volume= 1.136 af, Atten= 88%, Lag= 101.3 min
 Primary = 1.76 cfs @ 13.77 hrs, Volume= 1.136 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 178.24' @ 13.77 hrs Surf.Area= 18,567 sf Storage= 39,094 cf

Plug-Flow detention time= 502.1 min calculated for 1.135 af (65% of inflow)
 Center-of-Mass det. time= 318.0 min (1,241.2 - 923.2)

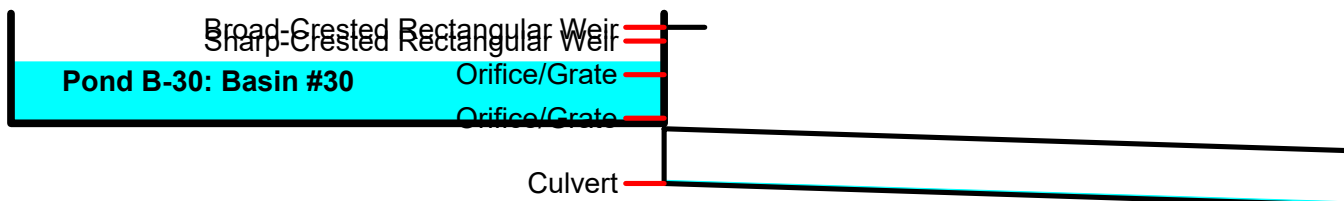
Volume	Invert	Avail.Storage	Storage Description
#1	176.00'	73,383 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
176.00	16,422	0	0
177.00	17,374	16,898	16,898
178.00	18,337	17,856	34,754
179.00	19,315	18,826	53,580
180.00	20,292	19,804	73,383

Device	Routing	Invert	Outlet Devices
#1	Primary	173.80'	24.0" Round Culvert L= 85.0' Ke= 0.500 Inlet / Outlet Invert= 173.80' / 173.00' S= 0.0094 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	176.18'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	177.77'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	179.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	179.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

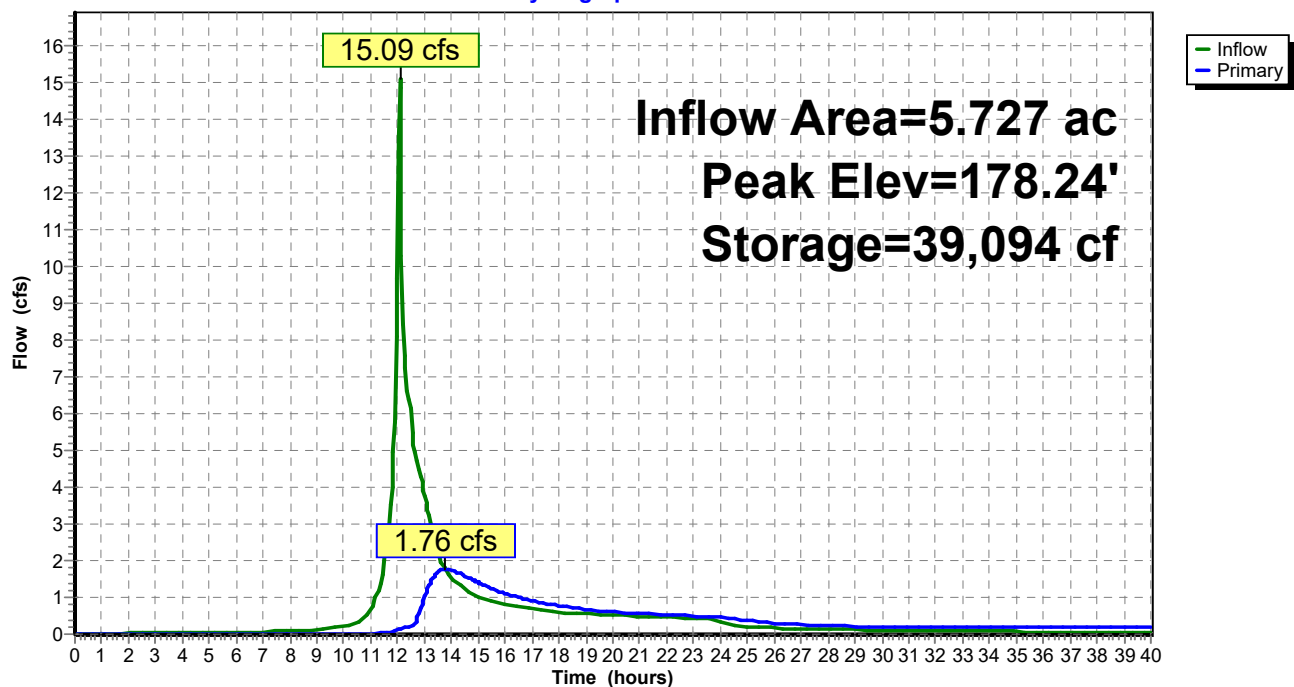
Primary OutFlow Max=1.76 cfs @ 13.77 hrs HW=178.24' (Free Discharge)

1=Culvert (Passes 1.76 cfs of 28.04 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.23 cfs @ 6.73 fps)
 3=Orifice/Grate (Orifice Controls 1.53 cfs @ 2.19 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-30: Basin #30

Hydrograph



Hydrograph for Pond B-30: Basin #30

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	176.00	0.00
0.10	0.00	0	176.00	0.00
0.20	0.00	0	176.00	0.00
0.30	0.00	0	176.00	0.00
0.40	0.00	0	176.00	0.00
0.50	0.00	0	176.00	0.00
0.60	0.00	0	176.00	0.00
0.70	0.00	0	176.00	0.00
0.80	0.00	1	176.00	0.00
0.90	0.01	3	176.00	0.00
1.00	0.01	5	176.00	0.00
1.10	0.01	8	176.00	0.00
1.20	0.01	12	176.00	0.00
1.30	0.01	16	176.00	0.00
1.40	0.01	21	176.00	0.00
1.50	0.02	27	176.00	0.00
1.60	0.02	33	176.00	0.00
1.70	0.02	40	176.00	0.00
1.80	0.02	48	176.00	0.00
1.90	0.02	55	176.00	0.00
2.00	0.02	64	176.00	0.00
2.10	0.02	72	176.00	0.00
2.20	0.03	82	176.00	0.00
2.30	0.03	91	176.01	0.00
2.40	0.03	101	176.01	0.00
2.50	0.03	112	176.01	0.00
2.60	0.03	122	176.01	0.00
2.70	0.03	133	176.01	0.00
2.80	0.03	145	176.01	0.00
2.90	0.03	157	176.01	0.00
3.00	0.03	169	176.01	0.00
3.10	0.04	181	176.01	0.00
3.20	0.04	194	176.01	0.00
3.30	0.04	207	176.01	0.00
3.40	0.04	221	176.01	0.00
3.50	0.04	234	176.01	0.00
3.60	0.04	248	176.02	0.00
3.70	0.04	263	176.02	0.00
3.80	0.04	277	176.02	0.00
3.90	0.04	292	176.02	0.00
4.00	0.04	307	176.02	0.00
4.10	0.04	322	176.02	0.00
4.20	0.04	338	176.02	0.00
4.30	0.04	354	176.02	0.00
4.40	0.04	370	176.02	0.00
4.50	0.05	386	176.02	0.00
4.60	0.05	402	176.02	0.00
4.70	0.05	419	176.03	0.00
4.80	0.05	436	176.03	0.00
4.90	0.05	453	176.03	0.00
5.00	0.05	471	176.03	0.00
5.10	0.05	488	176.03	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	506	176.03	0.00
5.30	0.05	524	176.03	0.00
5.40	0.05	542	176.03	0.00
5.50	0.05	561	176.03	0.00
5.60	0.05	579	176.04	0.00
5.70	0.05	598	176.04	0.00
5.80	0.05	617	176.04	0.00
5.90	0.05	637	176.04	0.00
6.00	0.05	656	176.04	0.00
6.10	0.06	676	176.04	0.00
6.20	0.06	696	176.04	0.00
6.30	0.06	717	176.04	0.00
6.40	0.06	739	176.04	0.00
6.50	0.06	761	176.05	0.00
6.60	0.06	784	176.05	0.00
6.70	0.07	807	176.05	0.00
6.80	0.07	831	176.05	0.00
6.90	0.07	855	176.05	0.00
7.00	0.07	880	176.05	0.00
7.10	0.07	906	176.06	0.00
7.20	0.07	932	176.06	0.00
7.30	0.07	959	176.06	0.00
7.40	0.08	986	176.06	0.00
7.50	0.08	1,014	176.06	0.00
7.60	0.08	1,042	176.06	0.00
7.70	0.08	1,071	176.07	0.00
7.80	0.08	1,101	176.07	0.00
7.90	0.08	1,131	176.07	0.00
8.00	0.09	1,162	176.07	0.00
8.10	0.09	1,193	176.07	0.00
8.20	0.09	1,225	176.07	0.00
8.30	0.09	1,259	176.08	0.00
8.40	0.10	1,293	176.08	0.00
8.50	0.10	1,330	176.08	0.00
8.60	0.11	1,367	176.08	0.00
8.70	0.11	1,406	176.09	0.00
8.80	0.11	1,447	176.09	0.00
8.90	0.12	1,489	176.09	0.00
9.00	0.12	1,533	176.09	0.00
9.10	0.13	1,579	176.10	0.00
9.20	0.14	1,629	176.10	0.00
9.30	0.15	1,682	176.10	0.00
9.40	0.16	1,739	176.11	0.00
9.50	0.17	1,800	176.11	0.00
9.60	0.18	1,865	176.11	0.00
9.70	0.20	1,934	176.12	0.00
9.80	0.21	2,007	176.12	0.00
9.90	0.22	2,085	176.13	0.00
10.00	0.23	2,167	176.13	0.00
10.10	0.25	2,253	176.14	0.00
10.20	0.26	2,345	176.14	0.00
10.30	0.27	2,442	176.15	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.29	2,543	176.15	0.00
10.50	0.31	2,650	176.16	0.00
10.60	0.35	2,770	176.17	0.00
10.70	0.39	2,904	176.18	0.00
10.80	0.47	3,060	176.19	0.00
10.90	0.56	3,246	176.20	0.00
11.00	0.67	3,468	176.21	0.00
11.10	0.83	3,740	176.23	0.00
11.20	1.01	4,073	176.25	0.01
11.30	1.21	4,472	176.27	0.01
11.40	1.43	4,944	176.30	0.02
11.50	1.69	5,491	176.33	0.04
11.60	2.43	6,238	176.38	0.05
11.70	2.88	7,172	176.43	0.06
11.80	3.98	8,396	176.50	0.08
11.90	5.77	10,134	176.61	0.09
12.00	9.68	12,941	176.77	0.11
12.10	14.87	17,540	177.04	0.14
12.20	8.44	21,431	177.26	0.16
12.30	7.22	24,141	177.41	0.17
12.40	6.36	26,491	177.54	0.18
12.50	6.06	28,659	177.66	0.19
12.60	5.15	30,578	177.77	0.20
12.70	4.82	32,272	177.86	0.35
12.80	4.48	33,778	177.95	0.57
12.90	4.12	35,074	178.02	0.81
13.00	3.76	36,157	178.08	1.04
13.10	3.39	37,031	178.12	1.24
13.20	3.07	37,715	178.16	1.40
13.30	2.78	38,236	178.19	1.53
13.40	2.51	38,615	178.21	1.63
13.50	2.25	38,869	178.22	1.70
13.60	2.01	39,015	178.23	1.74
13.70	1.85	39,081	178.23	1.75
13.80	1.73	39,092	178.24	1.76
13.90	1.62	39,063	178.23	1.75
14.00	1.53	39,003	178.23	1.73
14.10	1.46	38,920	178.23	1.71
14.20	1.39	38,820	178.22	1.69
14.30	1.33	38,707	178.21	1.66
14.40	1.27	38,585	178.21	1.62
14.50	1.22	38,455	178.20	1.59
14.60	1.17	38,320	178.19	1.55
14.70	1.13	38,181	178.19	1.52
14.80	1.09	38,039	178.18	1.48
14.90	1.05	37,895	178.17	1.45
15.00	1.00	37,749	178.16	1.41
15.10	0.97	37,603	178.15	1.37
15.20	0.94	37,458	178.15	1.34
15.30	0.92	37,317	178.14	1.31
15.40	0.90	37,181	178.13	1.27
15.50	0.88	37,051	178.12	1.24

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.87	36,925	178.12	1.21
15.70	0.85	36,803	178.11	1.18
15.80	0.84	36,686	178.11	1.16
15.90	0.83	36,574	178.10	1.13
16.00	0.81	36,465	178.09	1.11
16.10	0.80	36,361	178.09	1.08
16.20	0.79	36,262	178.08	1.06
16.30	0.78	36,166	178.08	1.04
16.40	0.77	36,073	178.07	1.02
16.50	0.75	35,983	178.07	1.00
16.60	0.74	35,897	178.06	0.98
16.70	0.73	35,813	178.06	0.96
16.80	0.72	35,732	178.05	0.95
16.90	0.71	35,653	178.05	0.93
17.00	0.70	35,576	178.04	0.91
17.10	0.69	35,502	178.04	0.90
17.20	0.68	35,430	178.04	0.88
17.30	0.67	35,359	178.03	0.87
17.40	0.66	35,289	178.03	0.85
17.50	0.65	35,221	178.03	0.84
17.60	0.64	35,155	178.02	0.83
17.70	0.63	35,089	178.02	0.81
17.80	0.62	35,025	178.01	0.80
17.90	0.61	34,962	178.01	0.79
18.00	0.60	34,900	178.01	0.78
18.10	0.60	34,839	178.00	0.76
18.20	0.59	34,780	178.00	0.75
18.30	0.58	34,723	178.00	0.74
18.40	0.58	34,668	178.00	0.73
18.50	0.58	34,614	177.99	0.72
18.60	0.57	34,563	177.99	0.71
18.70	0.57	34,513	177.99	0.70
18.80	0.56	34,465	177.98	0.69
18.90	0.56	34,419	177.98	0.68
19.00	0.55	34,374	177.98	0.68
19.10	0.55	34,332	177.98	0.67
19.20	0.55	34,290	177.97	0.66
19.30	0.54	34,250	177.97	0.65
19.40	0.54	34,212	177.97	0.65
19.50	0.54	34,174	177.97	0.64
19.60	0.53	34,138	177.97	0.63
19.70	0.53	34,104	177.96	0.63
19.80	0.53	34,070	177.96	0.62
19.90	0.53	34,038	177.96	0.61
20.00	0.52	34,007	177.96	0.61
20.10	0.52	33,976	177.96	0.60
20.20	0.52	33,946	177.96	0.60
20.30	0.51	33,917	177.95	0.59
20.40	0.51	33,888	177.95	0.59
20.50	0.51	33,861	177.95	0.58
20.60	0.51	33,834	177.95	0.58
20.70	0.50	33,807	177.95	0.58

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.50	33,781	177.95	0.57
20.90	0.50	33,756	177.95	0.57
21.00	0.49	33,731	177.94	0.56
21.10	0.49	33,706	177.94	0.56
21.20	0.49	33,682	177.94	0.55
21.30	0.49	33,659	177.94	0.55
21.40	0.48	33,635	177.94	0.55
21.50	0.48	33,613	177.94	0.54
21.60	0.48	33,590	177.94	0.54
21.70	0.47	33,568	177.94	0.54
21.80	0.47	33,546	177.93	0.53
21.90	0.47	33,525	177.93	0.53
22.00	0.47	33,503	177.93	0.53
22.10	0.46	33,482	177.93	0.52
22.20	0.46	33,462	177.93	0.52
22.30	0.46	33,441	177.93	0.51
22.40	0.46	33,421	177.93	0.51
22.50	0.45	33,401	177.93	0.51
22.60	0.45	33,381	177.93	0.50
22.70	0.45	33,362	177.92	0.50
22.80	0.44	33,342	177.92	0.50
22.90	0.44	33,323	177.92	0.50
23.00	0.44	33,304	177.92	0.49
23.10	0.44	33,285	177.92	0.49
23.20	0.43	33,265	177.92	0.49
23.30	0.43	33,246	177.92	0.48
23.40	0.43	33,227	177.92	0.48
23.50	0.42	33,208	177.92	0.48
23.60	0.42	33,189	177.91	0.47
23.70	0.42	33,170	177.91	0.47
23.80	0.42	33,151	177.91	0.47
23.90	0.42	33,132	177.91	0.47
24.00	0.43	33,119	177.91	0.46
24.10	0.28	33,077	177.91	0.46
24.20	0.27	33,012	177.90	0.45
24.30	0.26	32,946	177.90	0.44
24.40	0.25	32,880	177.90	0.43
24.50	0.24	32,814	177.89	0.42
24.60	0.23	32,748	177.89	0.41
24.70	0.22	32,683	177.89	0.40
24.80	0.21	32,618	177.88	0.39
24.90	0.21	32,553	177.88	0.38
25.00	0.20	32,490	177.88	0.37
25.10	0.19	32,427	177.87	0.37
25.20	0.19	32,365	177.87	0.36
25.30	0.18	32,304	177.87	0.35
25.40	0.18	32,244	177.86	0.34
25.50	0.18	32,185	177.86	0.34
25.60	0.17	32,129	177.86	0.33
25.70	0.17	32,073	177.85	0.32
25.80	0.17	32,020	177.85	0.32
25.90	0.17	31,967	177.85	0.31

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.17	31,917	177.84	0.30
26.10	0.16	31,867	177.84	0.30
26.20	0.16	31,820	177.84	0.29
26.30	0.16	31,773	177.84	0.29
26.40	0.16	31,727	177.83	0.28
26.50	0.16	31,681	177.83	0.28
26.60	0.15	31,637	177.83	0.28
26.70	0.15	31,593	177.83	0.27
26.80	0.15	31,551	177.82	0.27
26.90	0.15	31,509	177.82	0.26
27.00	0.15	31,467	177.82	0.26
27.10	0.15	31,427	177.82	0.26
27.20	0.14	31,387	177.82	0.25
27.30	0.14	31,349	177.81	0.25
27.40	0.14	31,311	177.81	0.25
27.50	0.14	31,273	177.81	0.24
27.60	0.14	31,237	177.81	0.24
27.70	0.14	31,201	177.81	0.24
27.80	0.14	31,166	177.80	0.23
27.90	0.13	31,131	177.80	0.23
28.00	0.13	31,097	177.80	0.23
28.10	0.13	31,064	177.80	0.23
28.20	0.13	31,030	177.80	0.22
28.30	0.13	30,997	177.79	0.22
28.40	0.13	30,964	177.79	0.22
28.50	0.13	30,931	177.79	0.22
28.60	0.13	30,899	177.79	0.22
28.70	0.13	30,866	177.79	0.22
28.80	0.12	30,834	177.79	0.21
28.90	0.12	30,802	177.78	0.21
29.00	0.12	30,770	177.78	0.21
29.10	0.12	30,739	177.78	0.21
29.20	0.12	30,707	177.78	0.21
29.30	0.12	30,676	177.78	0.21
29.40	0.12	30,645	177.77	0.20
29.50	0.12	30,614	177.77	0.20
29.60	0.12	30,583	177.77	0.20
29.70	0.12	30,553	177.77	0.20
29.80	0.11	30,522	177.77	0.20
29.90	0.11	30,491	177.77	0.20
30.00	0.11	30,460	177.76	0.20
30.10	0.11	30,429	177.76	0.20
30.20	0.11	30,397	177.76	0.20
30.30	0.11	30,365	177.76	0.20
30.40	0.11	30,332	177.76	0.20
30.50	0.11	30,300	177.76	0.20
30.60	0.11	30,267	177.75	0.20
30.70	0.11	30,234	177.75	0.20
30.80	0.11	30,200	177.75	0.20
30.90	0.10	30,166	177.75	0.20
31.00	0.10	30,132	177.75	0.20
31.10	0.10	30,098	177.74	0.20

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.10	30,064	177.74	0.20
31.30	0.10	30,029	177.74	0.20
31.40	0.10	29,994	177.74	0.20
31.50	0.10	29,959	177.74	0.20
31.60	0.10	29,923	177.73	0.20
31.70	0.10	29,888	177.73	0.20
31.80	0.10	29,852	177.73	0.20
31.90	0.10	29,815	177.73	0.20
32.00	0.10	29,779	177.73	0.20
32.10	0.09	29,742	177.72	0.20
32.20	0.09	29,705	177.72	0.20
32.30	0.09	29,668	177.72	0.20
32.40	0.09	29,630	177.72	0.20
32.50	0.09	29,593	177.72	0.20
32.60	0.09	29,555	177.71	0.20
32.70	0.09	29,517	177.71	0.20
32.80	0.09	29,478	177.71	0.20
32.90	0.09	29,440	177.71	0.20
33.00	0.09	29,401	177.71	0.20
33.10	0.09	29,362	177.70	0.20
33.20	0.09	29,322	177.70	0.20
33.30	0.09	29,283	177.70	0.20
33.40	0.08	29,243	177.70	0.20
33.50	0.08	29,203	177.69	0.19
33.60	0.08	29,163	177.69	0.19
33.70	0.08	29,122	177.69	0.19
33.80	0.08	29,081	177.69	0.19
33.90	0.08	29,040	177.69	0.19
34.00	0.08	28,999	177.68	0.19
34.10	0.08	28,958	177.68	0.19
34.20	0.08	28,916	177.68	0.19
34.30	0.08	28,874	177.68	0.19
34.40	0.08	28,832	177.67	0.19
34.50	0.08	28,790	177.67	0.19
34.60	0.07	28,747	177.67	0.19
34.70	0.07	28,705	177.67	0.19
34.80	0.07	28,662	177.66	0.19
34.90	0.07	28,618	177.66	0.19
35.00	0.07	28,575	177.66	0.19
35.10	0.07	28,531	177.66	0.19
35.20	0.07	28,488	177.66	0.19
35.30	0.07	28,444	177.65	0.19
35.40	0.07	28,399	177.65	0.19
35.50	0.07	28,355	177.65	0.19
35.60	0.07	28,310	177.65	0.19
35.70	0.07	28,265	177.64	0.19
35.80	0.07	28,220	177.64	0.19
35.90	0.06	28,174	177.64	0.19
36.00	0.06	28,129	177.64	0.19
36.10	0.06	28,083	177.63	0.19
36.20	0.06	28,037	177.63	0.19
36.30	0.06	27,991	177.63	0.19

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.06	27,944	177.62	0.19
36.50	0.06	27,897	177.62	0.19
36.60	0.06	27,850	177.62	0.19
36.70	0.06	27,803	177.62	0.19
36.80	0.06	27,756	177.61	0.19
36.90	0.06	27,708	177.61	0.19
37.00	0.06	27,660	177.61	0.19
37.10	0.06	27,612	177.61	0.19
37.20	0.05	27,564	177.60	0.19
37.30	0.05	27,516	177.60	0.19
37.40	0.05	27,467	177.60	0.19
37.50	0.05	27,418	177.60	0.19
37.60	0.05	27,369	177.59	0.19
37.70	0.05	27,320	177.59	0.19
37.80	0.05	27,270	177.59	0.19
37.90	0.05	27,221	177.58	0.19
38.00	0.05	27,170	177.58	0.19
38.10	0.05	27,120	177.58	0.19
38.20	0.05	27,070	177.58	0.19
38.30	0.05	27,019	177.57	0.19
38.40	0.04	26,968	177.57	0.19
38.50	0.04	26,917	177.57	0.19
38.60	0.04	26,866	177.56	0.19
38.70	0.04	26,814	177.56	0.19
38.80	0.04	26,763	177.56	0.19
38.90	0.04	26,711	177.56	0.19
39.00	0.04	26,659	177.55	0.18
39.10	0.04	26,606	177.55	0.18
39.20	0.04	26,554	177.55	0.18
39.30	0.04	26,501	177.54	0.18
39.40	0.04	26,448	177.54	0.18
39.50	0.04	26,395	177.54	0.18
39.60	0.04	26,342	177.54	0.18
39.70	0.03	26,288	177.53	0.18
39.80	0.03	26,234	177.53	0.18
39.90	0.03	26,181	177.53	0.18
40.00	0.03	26,126	177.52	0.18

Stage-Discharge for Pond B-30: Basin #30

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
176.00	0.00	176.52	0.08	177.04	0.14	177.56	0.19
176.01	0.00	176.53	0.08	177.05	0.14	177.57	0.19
176.02	0.00	176.54	0.08	177.06	0.14	177.58	0.19
176.03	0.00	176.55	0.08	177.07	0.15	177.59	0.19
176.04	0.00	176.56	0.09	177.08	0.15	177.60	0.19
176.05	0.00	176.57	0.09	177.09	0.15	177.61	0.19
176.06	0.00	176.58	0.09	177.10	0.15	177.62	0.19
176.07	0.00	176.59	0.09	177.11	0.15	177.63	0.19
176.08	0.00	176.60	0.09	177.12	0.15	177.64	0.19
176.09	0.00	176.61	0.09	177.13	0.15	177.65	0.19
176.10	0.00	176.62	0.10	177.14	0.15	177.66	0.19
176.11	0.00	176.63	0.10	177.15	0.15	177.67	0.19
176.12	0.00	176.64	0.10	177.16	0.15	177.68	0.19
176.13	0.00	176.65	0.10	177.17	0.15	177.69	0.19
176.14	0.00	176.66	0.10	177.18	0.16	177.70	0.20
176.15	0.00	176.67	0.10	177.19	0.16	177.71	0.20
176.16	0.00	176.68	0.10	177.20	0.16	177.72	0.20
176.17	0.00	176.69	0.10	177.21	0.16	177.73	0.20
176.18	0.00	176.70	0.11	177.22	0.16	177.74	0.20
176.19	0.00	176.71	0.11	177.23	0.16	177.75	0.20
176.20	0.00	176.72	0.11	177.24	0.16	177.76	0.20
176.21	0.00	176.73	0.11	177.25	0.16	177.77	0.20
176.22	0.00	176.74	0.11	177.26	0.16	177.78	0.21
176.23	0.00	176.75	0.11	177.27	0.16	177.79	0.22
176.24	0.01	176.76	0.11	177.28	0.16	177.80	0.23
176.25	0.01	176.77	0.11	177.29	0.16	177.81	0.24
176.26	0.01	176.78	0.12	177.30	0.17	177.82	0.26
176.27	0.01	176.79	0.12	177.31	0.17	177.83	0.27
176.28	0.02	176.80	0.12	177.32	0.17	177.84	0.29
176.29	0.02	176.81	0.12	177.33	0.17	177.85	0.31
176.30	0.02	176.82	0.12	177.34	0.17	177.86	0.34
176.31	0.03	176.83	0.12	177.35	0.17	177.87	0.36
176.32	0.03	176.84	0.12	177.36	0.17	177.88	0.38
176.33	0.03	176.85	0.12	177.37	0.17	177.89	0.41
176.34	0.04	176.86	0.12	177.38	0.17	177.90	0.43
176.35	0.04	176.87	0.13	177.39	0.17	177.91	0.46
176.36	0.05	176.88	0.13	177.40	0.17	177.92	0.49
176.37	0.05	176.89	0.13	177.41	0.17	177.93	0.52
176.38	0.05	176.90	0.13	177.42	0.17	177.94	0.55
176.39	0.05	176.91	0.13	177.43	0.18	177.95	0.58
176.40	0.06	176.92	0.13	177.44	0.18	177.96	0.61
176.41	0.06	176.93	0.13	177.45	0.18	177.97	0.64
176.42	0.06	176.94	0.13	177.46	0.18	177.98	0.68
176.43	0.06	176.95	0.13	177.47	0.18	177.99	0.71
176.44	0.06	176.96	0.13	177.48	0.18	178.00	0.75
176.45	0.07	176.97	0.14	177.49	0.18	178.01	0.78
176.46	0.07	176.98	0.14	177.50	0.18	178.02	0.82
176.47	0.07	176.99	0.14	177.51	0.18	178.03	0.86
176.48	0.07	177.00	0.14	177.52	0.18	178.04	0.89
176.49	0.07	177.01	0.14	177.53	0.18	178.05	0.93
176.50	0.08	177.02	0.14	177.54	0.18	178.06	0.97
176.51	0.08	177.03	0.14	177.55	0.18	178.07	1.01

Stage-Discharge for Pond B-30: Basin #30 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.08	1.05	178.60	2.98	179.12	4.60	179.64	17.55
178.09	1.09	178.61	3.00	179.13	4.68	179.65	18.38
178.10	1.13	178.62	3.03	179.14	4.77	179.66	19.25
178.11	1.18	178.63	3.05	179.15	4.86	179.67	20.14
178.12	1.22	178.64	3.08	179.16	4.96	179.68	21.05
178.13	1.26	178.65	3.10	179.17	5.05	179.69	21.98
178.14	1.31	178.66	3.12	179.18	5.15	179.70	22.94
178.15	1.35	178.67	3.15	179.19	5.25	179.71	23.95
178.16	1.40	178.68	3.17	179.20	5.35	179.72	25.00
178.17	1.44	178.69	3.19	179.21	5.46	179.73	26.07
178.18	1.49	178.70	3.22	179.22	5.56	179.74	27.16
178.19	1.54	178.71	3.24	179.23	5.67	179.75	28.28
178.20	1.58	178.72	3.26	179.24	5.78	179.76	29.43
178.21	1.63	178.73	3.28	179.25	5.90	179.77	30.60
178.22	1.68	178.74	3.31	179.26	6.01	179.78	31.80
178.23	1.73	178.75	3.33	179.27	6.12	179.79	33.03
178.24	1.78	178.76	3.35	179.28	6.24	179.80	34.28
178.25	1.83	178.77	3.37	179.29	6.36	179.81	35.55
178.26	1.88	178.78	3.39	179.30	6.48	179.82	36.85
178.27	1.93	178.79	3.41	179.31	6.60	179.83	38.18
178.28	1.98	178.80	3.44	179.32	6.73	179.84	39.53
178.29	2.02	178.81	3.46	179.33	6.85	179.85	40.90
178.30	2.07	178.82	3.48	179.34	6.98	179.86	42.30
178.31	2.11	178.83	3.50	179.35	7.11	179.87	43.73
178.32	2.14	178.84	3.52	179.36	7.24	179.88	45.18
178.33	2.18	178.85	3.54	179.37	7.37	179.89	46.65
178.34	2.22	178.86	3.56	179.38	7.50	179.90	48.16
178.35	2.25	178.87	3.58	179.39	7.63	179.91	49.71
178.36	2.29	178.88	3.60	179.40	7.77	179.92	51.29
178.37	2.32	178.89	3.62	179.41	7.91	179.93	52.89
178.38	2.36	178.90	3.64	179.42	8.04	179.94	54.52
178.39	2.39	178.91	3.66	179.43	8.18	179.95	56.18
178.40	2.42	178.92	3.68	179.44	8.32	179.96	57.87
178.41	2.45	178.93	3.70	179.45	8.46	179.97	59.58
178.42	2.48	178.94	3.72	179.46	8.61	179.98	61.32
178.43	2.51	178.95	3.74	179.47	8.75	179.99	63.09
178.44	2.54	178.96	3.76	179.48	8.90	180.00	64.89
178.45	2.57	178.97	3.78	179.49	9.04		
178.46	2.60	178.98	3.80	179.50	9.19		
178.47	2.63	178.99	3.82	179.51	9.46		
178.48	2.66	179.00	3.84	179.52	9.82		
178.49	2.69	179.01	3.87	179.53	10.25		
178.50	2.72	179.02	3.91	179.54	10.73		
178.51	2.74	179.03	3.96	179.55	11.26		
178.52	2.77	179.04	4.01	179.56	11.83		
178.53	2.80	179.05	4.07	179.57	12.43		
178.54	2.82	179.06	4.14	179.58	13.07		
178.55	2.85	179.07	4.21	179.59	13.74		
178.56	2.88	179.08	4.28	179.60	14.45		
178.57	2.90	179.09	4.35	179.61	15.18		
178.58	2.93	179.10	4.43	179.62	15.94		
178.59	2.95	179.11	4.51	179.63	16.73		

Stage-Area-Storage for Pond B-30: Basin #30

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
176.00	16,422	0	176.52	16,917	8,668
176.01	16,432	164	176.53	16,927	8,837
176.02	16,441	329	176.54	16,936	9,007
176.03	16,451	493	176.55	16,946	9,176
176.04	16,460	658	176.56	16,955	9,346
176.05	16,470	822	176.57	16,965	9,515
176.06	16,479	987	176.58	16,974	9,685
176.07	16,489	1,152	176.59	16,984	9,855
176.08	16,498	1,317	176.60	16,993	10,025
176.09	16,508	1,482	176.61	17,003	10,195
176.10	16,517	1,647	176.62	17,012	10,365
176.11	16,527	1,812	176.63	17,022	10,535
176.12	16,536	1,977	176.64	17,031	10,705
176.13	16,546	2,143	176.65	17,041	10,875
176.14	16,555	2,308	176.66	17,050	11,046
176.15	16,565	2,474	176.67	17,060	11,216
176.16	16,574	2,640	176.68	17,069	11,387
176.17	16,584	2,805	176.69	17,079	11,558
176.18	16,593	2,971	176.70	17,088	11,729
176.19	16,603	3,137	176.71	17,098	11,900
176.20	16,612	3,303	176.72	17,107	12,071
176.21	16,622	3,470	176.73	17,117	12,242
176.22	16,631	3,636	176.74	17,126	12,413
176.23	16,641	3,802	176.75	17,136	12,584
176.24	16,650	3,969	176.76	17,146	12,756
176.25	16,660	4,135	176.77	17,155	12,927
176.26	16,670	4,302	176.78	17,165	13,099
176.27	16,679	4,469	176.79	17,174	13,270
176.28	16,689	4,635	176.80	17,184	13,442
176.29	16,698	4,802	176.81	17,193	13,614
176.30	16,708	4,969	176.82	17,203	13,786
176.31	16,717	5,137	176.83	17,212	13,958
176.32	16,727	5,304	176.84	17,222	14,130
176.33	16,736	5,471	176.85	17,231	14,303
176.34	16,746	5,639	176.86	17,241	14,475
176.35	16,755	5,806	176.87	17,250	14,647
176.36	16,765	5,974	176.88	17,260	14,820
176.37	16,774	6,141	176.89	17,269	14,993
176.38	16,784	6,309	176.90	17,279	15,165
176.39	16,793	6,477	176.91	17,288	15,338
176.40	16,803	6,645	176.92	17,298	15,511
176.41	16,812	6,813	176.93	17,307	15,684
176.42	16,822	6,981	176.94	17,317	15,857
176.43	16,831	7,149	176.95	17,326	16,030
176.44	16,841	7,318	176.96	17,336	16,204
176.45	16,850	7,486	176.97	17,345	16,377
176.46	16,860	7,655	176.98	17,355	16,551
176.47	16,869	7,823	176.99	17,364	16,724
176.48	16,879	7,992	177.00	17,374	16,898
176.49	16,888	8,161	177.01	17,384	17,072
176.50	16,898	8,330	177.02	17,393	17,246
176.51	16,908	8,499	177.03	17,403	17,420

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.04	17,413	17,594	177.56	17,913	26,778
177.05	17,422	17,768	177.57	17,923	26,958
177.06	17,432	17,942	177.58	17,933	27,137
177.07	17,441	18,117	177.59	17,942	27,316
177.08	17,451	18,291	177.60	17,952	27,496
177.09	17,461	18,466	177.61	17,961	27,675
177.10	17,470	18,640	177.62	17,971	27,855
177.11	17,480	18,815	177.63	17,981	28,035
177.12	17,490	18,990	177.64	17,990	28,215
177.13	17,499	19,165	177.65	18,000	28,395
177.14	17,509	19,340	177.66	18,010	28,575
177.15	17,518	19,515	177.67	18,019	28,755
177.16	17,528	19,690	177.68	18,029	28,935
177.17	17,538	19,865	177.69	18,038	29,115
177.18	17,547	20,041	177.70	18,048	29,296
177.19	17,557	20,216	177.71	18,058	29,476
177.20	17,567	20,392	177.72	18,067	29,657
177.21	17,576	20,568	177.73	18,077	29,838
177.22	17,586	20,744	177.74	18,087	30,018
177.23	17,595	20,919	177.75	18,096	30,199
177.24	17,605	21,095	177.76	18,106	30,380
177.25	17,615	21,272	177.77	18,116	30,561
177.26	17,624	21,448	177.78	18,125	30,743
177.27	17,634	21,624	177.79	18,135	30,924
177.28	17,644	21,800	177.80	18,144	31,105
177.29	17,653	21,977	177.81	18,154	31,287
177.30	17,663	22,154	177.82	18,164	31,468
177.31	17,673	22,330	177.83	18,173	31,650
177.32	17,682	22,507	177.84	18,183	31,832
177.33	17,692	22,684	177.85	18,193	32,014
177.34	17,701	22,861	177.86	18,202	32,196
177.35	17,711	23,038	177.87	18,212	32,378
177.36	17,721	23,215	177.88	18,221	32,560
177.37	17,730	23,392	177.89	18,231	32,742
177.38	17,740	23,570	177.90	18,241	32,925
177.39	17,750	23,747	177.91	18,250	33,107
177.40	17,759	23,925	177.92	18,260	33,290
177.41	17,769	24,102	177.93	18,270	33,472
177.42	17,778	24,280	177.94	18,279	33,655
177.43	17,788	24,458	177.95	18,289	33,838
177.44	17,798	24,636	177.96	18,298	34,021
177.45	17,807	24,814	177.97	18,308	34,204
177.46	17,817	24,992	177.98	18,318	34,387
177.47	17,827	25,170	177.99	18,327	34,570
177.48	17,836	25,348	178.00	18,337	34,754
177.49	17,846	25,527	178.01	18,347	34,937
177.50	17,856	25,705	178.02	18,357	35,120
177.51	17,865	25,884	178.03	18,366	35,304
177.52	17,875	26,063	178.04	18,376	35,488
177.53	17,884	26,241	178.05	18,386	35,672
177.54	17,894	26,420	178.06	18,396	35,855
177.55	17,904	26,599	178.07	18,405	36,039

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.08	18,415	36,224	178.60	18,924	45,932
178.09	18,425	36,408	178.61	18,934	46,121
178.10	18,435	36,592	178.62	18,943	46,310
178.11	18,445	36,776	178.63	18,953	46,500
178.12	18,454	36,961	178.64	18,963	46,689
178.13	18,464	37,146	178.65	18,973	46,879
178.14	18,474	37,330	178.66	18,982	47,069
178.15	18,484	37,515	178.67	18,992	47,259
178.16	18,493	37,700	178.68	19,002	47,449
178.17	18,503	37,885	178.69	19,012	47,639
178.18	18,513	38,070	178.70	19,022	47,829
178.19	18,523	38,255	178.71	19,031	48,019
178.20	18,533	38,440	178.72	19,041	48,210
178.21	18,542	38,626	178.73	19,051	48,400
178.22	18,552	38,811	178.74	19,061	48,591
178.23	18,562	38,997	178.75	19,071	48,781
178.24	18,572	39,183	178.76	19,080	48,972
178.25	18,582	39,368	178.77	19,090	49,163
178.26	18,591	39,554	178.78	19,100	49,354
178.27	18,601	39,740	178.79	19,110	49,545
178.28	18,611	39,926	178.80	19,119	49,736
178.29	18,621	40,112	178.81	19,129	49,927
178.30	18,630	40,299	178.82	19,139	50,119
178.31	18,640	40,485	178.83	19,149	50,310
178.32	18,650	40,671	178.84	19,159	50,502
178.33	18,660	40,858	178.85	19,168	50,693
178.34	18,670	41,045	178.86	19,178	50,885
178.35	18,679	41,231	178.87	19,188	51,077
178.36	18,689	41,418	178.88	19,198	51,269
178.37	18,699	41,605	178.89	19,207	51,461
178.38	18,709	41,792	178.90	19,217	51,653
178.39	18,718	41,979	178.91	19,227	51,845
178.40	18,728	42,167	178.92	19,237	52,037
178.41	18,738	42,354	178.93	19,247	52,230
178.42	18,748	42,541	178.94	19,256	52,422
178.43	18,758	42,729	178.95	19,266	52,615
178.44	18,767	42,916	178.96	19,276	52,808
178.45	18,777	43,104	178.97	19,286	53,000
178.46	18,787	43,292	178.98	19,295	53,193
178.47	18,797	43,480	178.99	19,305	53,386
178.48	18,806	43,668	179.00	19,315	53,580
178.49	18,816	43,856	179.01	19,325	53,773
178.50	18,826	44,044	179.02	19,335	53,966
178.51	18,836	44,233	179.03	19,344	54,159
178.52	18,846	44,421	179.04	19,354	54,353
178.53	18,855	44,609	179.05	19,364	54,546
178.54	18,865	44,798	179.06	19,374	54,740
178.55	18,875	44,987	179.07	19,383	54,934
178.56	18,885	45,176	179.08	19,393	55,128
178.57	18,894	45,364	179.09	19,403	55,322
178.58	18,904	45,553	179.10	19,413	55,516
178.59	18,914	45,743	179.11	19,422	55,710

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.12	19,432	55,904	179.64	19,940	66,141
179.13	19,442	56,099	179.65	19,950	66,341
179.14	19,452	56,293	179.66	19,960	66,540
179.15	19,462	56,488	179.67	19,970	66,740
179.16	19,471	56,682	179.68	19,979	66,940
179.17	19,481	56,877	179.69	19,989	67,139
179.18	19,491	57,072	179.70	19,999	67,339
179.19	19,501	57,267	179.71	20,009	67,539
179.20	19,510	57,462	179.72	20,018	67,740
179.21	19,520	57,657	179.73	20,028	67,940
179.22	19,530	57,852	179.74	20,038	68,140
179.23	19,540	58,048	179.75	20,048	68,341
179.24	19,549	58,243	179.76	20,058	68,541
179.25	19,559	58,439	179.77	20,067	68,742
179.26	19,569	58,634	179.78	20,077	68,942
179.27	19,579	58,830	179.79	20,087	69,143
179.28	19,589	59,026	179.80	20,097	69,344
179.29	19,598	59,222	179.81	20,106	69,545
179.30	19,608	59,418	179.82	20,116	69,746
179.31	19,618	59,614	179.83	20,126	69,947
179.32	19,628	59,810	179.84	20,136	70,149
179.33	19,637	60,007	179.85	20,145	70,350
179.34	19,647	60,203	179.86	20,155	70,552
179.35	19,657	60,400	179.87	20,165	70,753
179.36	19,667	60,596	179.88	20,175	70,955
179.37	19,676	60,793	179.89	20,185	71,157
179.38	19,686	60,990	179.90	20,194	71,359
179.39	19,696	61,187	179.91	20,204	71,561
179.40	19,706	61,384	179.92	20,214	71,763
179.41	19,716	61,581	179.93	20,224	71,965
179.42	19,725	61,778	179.94	20,233	72,167
179.43	19,735	61,975	179.95	20,243	72,370
179.44	19,745	62,173	179.96	20,253	72,572
179.45	19,755	62,370	179.97	20,263	72,775
179.46	19,764	62,568	179.98	20,272	72,977
179.47	19,774	62,765	179.99	20,282	73,180
179.48	19,784	62,963	180.00	20,292	73,383
179.49	19,794	63,161			
179.50	19,804	63,359			
179.51	19,813	63,557			
179.52	19,823	63,755			
179.53	19,833	63,954			
179.54	19,843	64,152			
179.55	19,852	64,351			
179.56	19,862	64,549			
179.57	19,872	64,748			
179.58	19,882	64,947			
179.59	19,891	65,145			
179.60	19,901	65,344			
179.61	19,911	65,543			
179.62	19,921	65,743			
179.63	19,931	65,942			

Summary for Pond B-31: Basin #31

Inflow Area = 0.923 ac, 77.68% Impervious, Inflow Depth = 5.00" for Future 10 yr event
 Inflow = 5.70 cfs @ 12.07 hrs, Volume= 0.385 af
 Outflow = 1.98 cfs @ 12.20 hrs, Volume= 0.322 af, Atten= 65%, Lag= 7.8 min
 Primary = 1.98 cfs @ 12.20 hrs, Volume= 0.322 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.43' @ 12.20 hrs Surf.Area= 4,745 sf Storage= 6,770 cf

Plug-Flow detention time= 171.8 min calculated for 0.322 af (84% of inflow)
 Center-of-Mass det. time= 98.9 min (852.7 - 753.8)

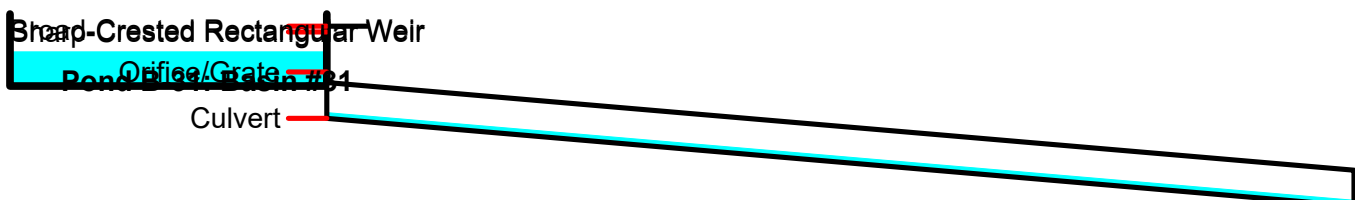
Volume	Invert	Avail.Storage	Storage Description
#1	193.00'	14,235 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
193.00	4,745	0	0
194.00	4,745	4,745	4,745
195.00	4,745	4,745	9,490
196.00	4,745	4,745	14,235

Device	Routing	Invert	Outlet Devices
#1	Primary	191.65'	18.0" Round Culvert L= 126.0' Ke= 0.500 Inlet / Outlet Invert= 191.65' / 188.00' S= 0.0290 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	193.58'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	195.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

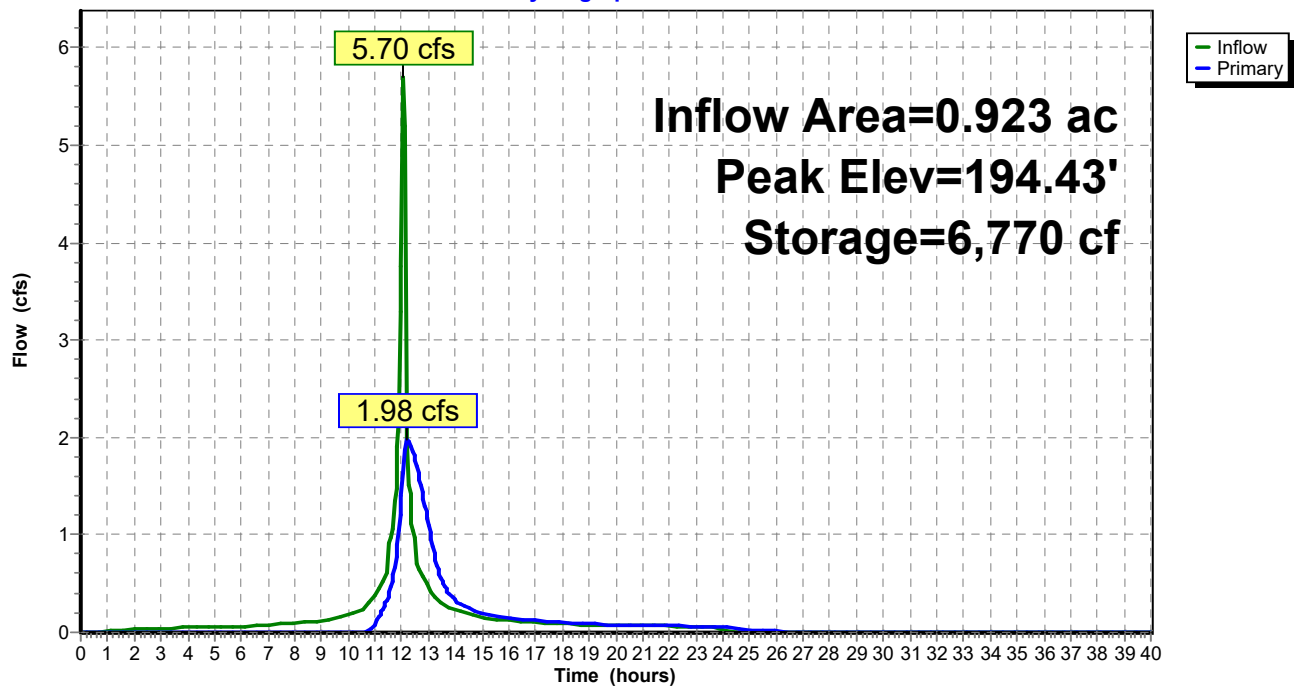
Primary OutFlow Max=1.98 cfs @ 12.20 hrs HW=194.43' (Free Discharge)

- 1=Culvert (Passes 1.98 cfs of 12.11 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.98 cfs @ 3.96 fps)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-31: Basin #31

Hydrograph



Hydrograph for Pond B-31: Basin #31

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	193.00	0.00
0.10	0.00	0	193.00	0.00
0.20	0.00	0	193.00	0.00
0.30	0.00	0	193.00	0.00
0.40	0.00	0	193.00	0.00
0.50	0.00	0	193.00	0.00
0.60	0.00	0	193.00	0.00
0.70	0.00	0	193.00	0.00
0.80	0.00	1	193.00	0.00
0.90	0.01	3	193.00	0.00
1.00	0.01	5	193.00	0.00
1.10	0.01	9	193.00	0.00
1.20	0.01	13	193.00	0.00
1.30	0.01	18	193.00	0.00
1.40	0.02	24	193.01	0.00
1.50	0.02	30	193.01	0.00
1.60	0.02	37	193.01	0.00
1.70	0.02	45	193.01	0.00
1.80	0.02	53	193.01	0.00
1.90	0.03	62	193.01	0.00
2.00	0.03	71	193.01	0.00
2.10	0.03	81	193.02	0.00
2.20	0.03	91	193.02	0.00
2.30	0.03	102	193.02	0.00
2.40	0.03	113	193.02	0.00
2.50	0.03	124	193.03	0.00
2.60	0.03	136	193.03	0.00
2.70	0.03	149	193.03	0.00
2.80	0.04	161	193.03	0.00
2.90	0.04	175	193.04	0.00
3.00	0.04	188	193.04	0.00
3.10	0.04	202	193.04	0.00
3.20	0.04	216	193.05	0.00
3.30	0.04	231	193.05	0.00
3.40	0.04	246	193.05	0.00
3.50	0.04	261	193.06	0.00
3.60	0.04	277	193.06	0.00
3.70	0.04	293	193.06	0.00
3.80	0.05	309	193.07	0.00
3.90	0.05	325	193.07	0.00
4.00	0.05	342	193.07	0.00
4.10	0.05	359	193.08	0.00
4.20	0.05	376	193.08	0.00
4.30	0.05	394	193.08	0.00
4.40	0.05	412	193.09	0.00
4.50	0.05	430	193.09	0.00
4.60	0.05	448	193.09	0.00
4.70	0.05	467	193.10	0.00
4.80	0.05	486	193.10	0.00
4.90	0.05	505	193.11	0.00
5.00	0.05	525	193.11	0.00
5.10	0.05	544	193.11	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	564	193.12	0.00
5.30	0.06	584	193.12	0.00
5.40	0.06	604	193.13	0.00
5.50	0.06	625	193.13	0.00
5.60	0.06	646	193.14	0.00
5.70	0.06	667	193.14	0.00
5.80	0.06	688	193.14	0.00
5.90	0.06	709	193.15	0.00
6.00	0.06	731	193.15	0.00
6.10	0.06	753	193.16	0.00
6.20	0.06	776	193.16	0.00
6.30	0.07	800	193.17	0.00
6.40	0.07	824	193.17	0.00
6.50	0.07	848	193.18	0.00
6.60	0.07	874	193.18	0.00
6.70	0.07	900	193.19	0.00
6.80	0.07	926	193.20	0.00
6.90	0.08	953	193.20	0.00
7.00	0.08	981	193.21	0.00
7.10	0.08	1,010	193.21	0.00
7.20	0.08	1,039	193.22	0.00
7.30	0.08	1,069	193.23	0.00
7.40	0.09	1,099	193.23	0.00
7.50	0.09	1,130	193.24	0.00
7.60	0.09	1,162	193.24	0.00
7.70	0.09	1,194	193.25	0.00
7.80	0.09	1,227	193.26	0.00
7.90	0.09	1,260	193.27	0.00
8.00	0.10	1,295	193.27	0.00
8.10	0.10	1,329	193.28	0.00
8.20	0.10	1,365	193.29	0.00
8.30	0.10	1,401	193.30	0.00
8.40	0.10	1,438	193.30	0.00
8.50	0.11	1,476	193.31	0.00
8.60	0.11	1,514	193.32	0.00
8.70	0.11	1,553	193.33	0.00
8.80	0.11	1,593	193.34	0.00
8.90	0.11	1,634	193.34	0.00
9.00	0.12	1,675	193.35	0.00
9.10	0.12	1,719	193.36	0.00
9.20	0.13	1,765	193.37	0.00
9.30	0.14	1,813	193.38	0.00
9.40	0.14	1,864	193.39	0.00
9.50	0.15	1,917	193.40	0.00
9.60	0.16	1,973	193.42	0.00
9.70	0.16	2,031	193.43	0.00
9.80	0.17	2,092	193.44	0.00
9.90	0.18	2,155	193.45	0.00
10.00	0.19	2,221	193.47	0.00
10.10	0.19	2,289	193.48	0.00
10.20	0.20	2,361	193.50	0.00
10.30	0.21	2,434	193.51	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.21	2,511	193.53	0.00
10.50	0.23	2,590	193.55	0.00
10.60	0.25	2,677	193.56	0.00
10.70	0.28	2,774	193.58	0.00
10.80	0.31	2,876	193.61	0.02
10.90	0.33	2,979	193.63	0.05
11.00	0.36	3,080	193.65	0.09
11.10	0.41	3,183	193.67	0.13
11.20	0.47	3,287	193.69	0.18
11.30	0.52	3,390	193.71	0.24
11.40	0.57	3,492	193.74	0.30
11.50	0.66	3,592	193.76	0.36
11.60	0.95	3,754	193.79	0.47
11.70	1.06	3,923	193.83	0.59
11.80	1.47	4,151	193.87	0.77
11.90	2.17	4,496	193.95	1.04
12.00	3.76	5,184	194.09	1.40
12.10	5.21	6,408	194.35	1.86
12.20	1.97	6,770	194.43	1.98
12.30	1.42	6,640	194.40	1.94
12.40	1.07	6,380	194.34	1.86
12.50	0.97	6,099	194.29	1.76
12.60	0.66	5,758	194.21	1.64
12.70	0.62	5,421	194.14	1.50
12.80	0.56	5,113	194.08	1.37
12.90	0.51	4,834	194.02	1.23
13.00	0.45	4,584	193.97	1.10
13.10	0.40	4,366	193.92	0.95
13.20	0.37	4,189	193.88	0.80
13.30	0.34	4,049	193.85	0.69
13.40	0.31	3,934	193.83	0.60
13.50	0.28	3,838	193.81	0.53
13.60	0.26	3,755	193.79	0.47
13.70	0.25	3,686	193.78	0.42
13.80	0.24	3,630	193.76	0.38
13.90	0.24	3,583	193.76	0.35
14.00	0.23	3,543	193.75	0.33
14.10	0.22	3,509	193.74	0.31
14.20	0.21	3,479	193.73	0.29
14.30	0.20	3,452	193.73	0.27
14.40	0.20	3,428	193.72	0.26
14.50	0.19	3,407	193.72	0.25
14.60	0.18	3,386	193.71	0.24
14.70	0.17	3,367	193.71	0.23
14.80	0.17	3,348	193.71	0.22
14.90	0.16	3,331	193.70	0.21
15.00	0.15	3,313	193.70	0.20
15.10	0.14	3,297	193.69	0.19
15.20	0.14	3,282	193.69	0.18
15.30	0.14	3,269	193.69	0.17
15.40	0.14	3,258	193.69	0.17
15.50	0.14	3,247	193.68	0.16

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.13	3,238	193.68	0.16
15.70	0.13	3,229	193.68	0.15
15.80	0.13	3,221	193.68	0.15
15.90	0.13	3,214	193.68	0.15
16.00	0.13	3,207	193.68	0.14
16.10	0.12	3,201	193.67	0.14
16.20	0.12	3,195	193.67	0.14
16.30	0.12	3,189	193.67	0.14
16.40	0.12	3,183	193.67	0.13
16.50	0.12	3,177	193.67	0.13
16.60	0.11	3,172	193.67	0.13
16.70	0.11	3,167	193.67	0.13
16.80	0.11	3,162	193.67	0.12
16.90	0.11	3,157	193.67	0.12
17.00	0.11	3,152	193.66	0.12
17.10	0.10	3,148	193.66	0.12
17.20	0.10	3,143	193.66	0.11
17.30	0.10	3,138	193.66	0.11
17.40	0.10	3,134	193.66	0.11
17.50	0.10	3,129	193.66	0.11
17.60	0.09	3,124	193.66	0.11
17.70	0.09	3,120	193.66	0.10
17.80	0.09	3,115	193.66	0.10
17.90	0.09	3,110	193.66	0.10
18.00	0.09	3,105	193.65	0.10
18.10	0.08	3,100	193.65	0.10
18.20	0.08	3,095	193.65	0.09
18.30	0.08	3,091	193.65	0.09
18.40	0.08	3,087	193.65	0.09
18.50	0.08	3,084	193.65	0.09
18.60	0.08	3,081	193.65	0.09
18.70	0.08	3,078	193.65	0.09
18.80	0.08	3,075	193.65	0.09
18.90	0.08	3,072	193.65	0.09
19.00	0.08	3,070	193.65	0.09
19.10	0.08	3,068	193.65	0.08
19.20	0.08	3,066	193.65	0.08
19.30	0.08	3,064	193.65	0.08
19.40	0.08	3,062	193.65	0.08
19.50	0.08	3,060	193.64	0.08
19.60	0.08	3,058	193.64	0.08
19.70	0.08	3,056	193.64	0.08
19.80	0.08	3,055	193.64	0.08
19.90	0.07	3,053	193.64	0.08
20.00	0.07	3,052	193.64	0.08
20.10	0.07	3,050	193.64	0.08
20.20	0.07	3,048	193.64	0.08
20.30	0.07	3,047	193.64	0.08
20.40	0.07	3,045	193.64	0.08
20.50	0.07	3,044	193.64	0.08
20.60	0.07	3,043	193.64	0.07
20.70	0.07	3,041	193.64	0.07

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	3,040	193.64	0.07
20.90	0.07	3,038	193.64	0.07
21.00	0.07	3,037	193.64	0.07
21.10	0.07	3,036	193.64	0.07
21.20	0.07	3,034	193.64	0.07
21.30	0.07	3,033	193.64	0.07
21.40	0.07	3,032	193.64	0.07
21.50	0.07	3,030	193.64	0.07
21.60	0.07	3,029	193.64	0.07
21.70	0.06	3,027	193.64	0.07
21.80	0.06	3,026	193.64	0.07
21.90	0.06	3,025	193.64	0.07
22.00	0.06	3,024	193.64	0.07
22.10	0.06	3,022	193.64	0.07
22.20	0.06	3,021	193.64	0.07
22.30	0.06	3,020	193.64	0.07
22.40	0.06	3,018	193.64	0.06
22.50	0.06	3,017	193.64	0.06
22.60	0.06	3,016	193.64	0.06
22.70	0.06	3,014	193.64	0.06
22.80	0.06	3,013	193.63	0.06
22.90	0.06	3,011	193.63	0.06
23.00	0.06	3,010	193.63	0.06
23.10	0.06	3,009	193.63	0.06
23.20	0.06	3,008	193.63	0.06
23.30	0.06	3,006	193.63	0.06
23.40	0.06	3,005	193.63	0.06
23.50	0.06	3,004	193.63	0.06
23.60	0.06	3,002	193.63	0.06
23.70	0.05	3,001	193.63	0.06
23.80	0.05	3,000	193.63	0.06
23.90	0.06	2,998	193.63	0.06
24.00	0.06	3,000	193.63	0.06
24.10	0.00	2,986	193.63	0.05
24.20	0.00	2,968	193.63	0.05
24.30	0.00	2,951	193.62	0.04
24.40	0.00	2,937	193.62	0.04
24.50	0.00	2,923	193.62	0.04
24.60	0.00	2,911	193.61	0.03
24.70	0.00	2,900	193.61	0.03
24.80	0.00	2,890	193.61	0.03
24.90	0.00	2,882	193.61	0.02
25.00	0.00	2,874	193.61	0.02
25.10	0.00	2,866	193.60	0.02
25.20	0.00	2,860	193.60	0.02
25.30	0.00	2,854	193.60	0.02
25.40	0.00	2,849	193.60	0.01
25.50	0.00	2,844	193.60	0.01
25.60	0.00	2,839	193.60	0.01
25.70	0.00	2,835	193.60	0.01
25.80	0.00	2,831	193.60	0.01
25.90	0.00	2,827	193.60	0.01

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,823	193.59	0.01
26.10	0.00	2,819	193.59	0.01
26.20	0.00	2,816	193.59	0.01
26.30	0.00	2,813	193.59	0.01
26.40	0.00	2,810	193.59	0.01
26.50	0.00	2,807	193.59	0.01
26.60	0.00	2,804	193.59	0.01
26.70	0.00	2,801	193.59	0.01
26.80	0.00	2,799	193.59	0.01
26.90	0.00	2,797	193.59	0.01
27.00	0.00	2,794	193.59	0.01
27.10	0.00	2,792	193.59	0.01
27.20	0.00	2,790	193.59	0.01
27.30	0.00	2,788	193.59	0.01
27.40	0.00	2,786	193.59	0.00
27.50	0.00	2,785	193.59	0.00
27.60	0.00	2,783	193.59	0.00
27.70	0.00	2,782	193.59	0.00
27.80	0.00	2,780	193.59	0.00
27.90	0.00	2,779	193.59	0.00
28.00	0.00	2,777	193.59	0.00
28.10	0.00	2,776	193.59	0.00
28.20	0.00	2,775	193.58	0.00
28.30	0.00	2,774	193.58	0.00
28.40	0.00	2,773	193.58	0.00
28.50	0.00	2,772	193.58	0.00
28.60	0.00	2,771	193.58	0.00
28.70	0.00	2,770	193.58	0.00
28.80	0.00	2,769	193.58	0.00
28.90	0.00	2,768	193.58	0.00
29.00	0.00	2,767	193.58	0.00
29.10	0.00	2,766	193.58	0.00
29.20	0.00	2,766	193.58	0.00
29.30	0.00	2,765	193.58	0.00
29.40	0.00	2,764	193.58	0.00
29.50	0.00	2,764	193.58	0.00
29.60	0.00	2,763	193.58	0.00
29.70	0.00	2,763	193.58	0.00
29.80	0.00	2,762	193.58	0.00
29.90	0.00	2,762	193.58	0.00
30.00	0.00	2,761	193.58	0.00
30.10	0.00	2,761	193.58	0.00
30.20	0.00	2,760	193.58	0.00
30.30	0.00	2,760	193.58	0.00
30.40	0.00	2,759	193.58	0.00
30.50	0.00	2,759	193.58	0.00
30.60	0.00	2,759	193.58	0.00
30.70	0.00	2,758	193.58	0.00
30.80	0.00	2,758	193.58	0.00
30.90	0.00	2,758	193.58	0.00
31.00	0.00	2,757	193.58	0.00
31.10	0.00	2,757	193.58	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,757	193.58	0.00
31.30	0.00	2,757	193.58	0.00
31.40	0.00	2,756	193.58	0.00
31.50	0.00	2,756	193.58	0.00
31.60	0.00	2,756	193.58	0.00
31.70	0.00	2,756	193.58	0.00
31.80	0.00	2,756	193.58	0.00
31.90	0.00	2,755	193.58	0.00
32.00	0.00	2,755	193.58	0.00
32.10	0.00	2,755	193.58	0.00
32.20	0.00	2,755	193.58	0.00
32.30	0.00	2,755	193.58	0.00
32.40	0.00	2,755	193.58	0.00
32.50	0.00	2,755	193.58	0.00
32.60	0.00	2,754	193.58	0.00
32.70	0.00	2,754	193.58	0.00
32.80	0.00	2,754	193.58	0.00
32.90	0.00	2,754	193.58	0.00
33.00	0.00	2,754	193.58	0.00
33.10	0.00	2,754	193.58	0.00
33.20	0.00	2,754	193.58	0.00
33.30	0.00	2,754	193.58	0.00
33.40	0.00	2,754	193.58	0.00
33.50	0.00	2,754	193.58	0.00
33.60	0.00	2,753	193.58	0.00
33.70	0.00	2,753	193.58	0.00
33.80	0.00	2,753	193.58	0.00
33.90	0.00	2,753	193.58	0.00
34.00	0.00	2,753	193.58	0.00
34.10	0.00	2,753	193.58	0.00
34.20	0.00	2,753	193.58	0.00
34.30	0.00	2,753	193.58	0.00
34.40	0.00	2,753	193.58	0.00
34.50	0.00	2,753	193.58	0.00
34.60	0.00	2,753	193.58	0.00
34.70	0.00	2,753	193.58	0.00
34.80	0.00	2,753	193.58	0.00
34.90	0.00	2,753	193.58	0.00
35.00	0.00	2,753	193.58	0.00
35.10	0.00	2,753	193.58	0.00
35.20	0.00	2,753	193.58	0.00
35.30	0.00	2,753	193.58	0.00
35.40	0.00	2,753	193.58	0.00
35.50	0.00	2,753	193.58	0.00
35.60	0.00	2,753	193.58	0.00
35.70	0.00	2,753	193.58	0.00
35.80	0.00	2,753	193.58	0.00
35.90	0.00	2,753	193.58	0.00
36.00	0.00	2,753	193.58	0.00
36.10	0.00	2,752	193.58	0.00
36.20	0.00	2,752	193.58	0.00
36.30	0.00	2,752	193.58	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,752	193.58	0.00
36.50	0.00	2,752	193.58	0.00
36.60	0.00	2,752	193.58	0.00
36.70	0.00	2,752	193.58	0.00
36.80	0.00	2,752	193.58	0.00
36.90	0.00	2,752	193.58	0.00
37.00	0.00	2,752	193.58	0.00
37.10	0.00	2,752	193.58	0.00
37.20	0.00	2,752	193.58	0.00
37.30	0.00	2,752	193.58	0.00
37.40	0.00	2,752	193.58	0.00
37.50	0.00	2,752	193.58	0.00
37.60	0.00	2,752	193.58	0.00
37.70	0.00	2,752	193.58	0.00
37.80	0.00	2,752	193.58	0.00
37.90	0.00	2,752	193.58	0.00
38.00	0.00	2,752	193.58	0.00
38.10	0.00	2,752	193.58	0.00
38.20	0.00	2,752	193.58	0.00
38.30	0.00	2,752	193.58	0.00
38.40	0.00	2,752	193.58	0.00
38.50	0.00	2,752	193.58	0.00
38.60	0.00	2,752	193.58	0.00
38.70	0.00	2,752	193.58	0.00
38.80	0.00	2,752	193.58	0.00
38.90	0.00	2,752	193.58	0.00
39.00	0.00	2,752	193.58	0.00
39.10	0.00	2,752	193.58	0.00
39.20	0.00	2,752	193.58	0.00
39.30	0.00	2,752	193.58	0.00
39.40	0.00	2,752	193.58	0.00
39.50	0.00	2,752	193.58	0.00
39.60	0.00	2,752	193.58	0.00
39.70	0.00	2,752	193.58	0.00
39.80	0.00	2,752	193.58	0.00
39.90	0.00	2,752	193.58	0.00
40.00	0.00	2,752	193.58	0.00

Stage-Discharge for Pond B-31: Basin #31

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.00	0.00	193.52	0.00	194.04	1.29	194.56	2.17
193.01	0.00	193.53	0.00	194.05	1.31	194.57	2.18
193.02	0.00	193.54	0.00	194.06	1.33	194.58	2.19
193.03	0.00	193.55	0.00	194.07	1.35	194.59	2.21
193.04	0.00	193.56	0.00	194.08	1.37	194.60	2.22
193.05	0.00	193.57	0.00	194.09	1.40	194.61	2.23
193.06	0.00	193.58	0.00	194.10	1.42	194.62	2.25
193.07	0.00	193.59	0.00	194.11	1.44	194.63	2.26
193.08	0.00	193.60	0.01	194.12	1.46	194.64	2.27
193.09	0.00	193.61	0.03	194.13	1.48	194.65	2.28
193.10	0.00	193.62	0.04	194.14	1.50	194.66	2.30
193.11	0.00	193.63	0.05	194.15	1.52	194.67	2.31
193.12	0.00	193.64	0.07	194.16	1.54	194.68	2.32
193.13	0.00	193.65	0.09	194.17	1.56	194.69	2.34
193.14	0.00	193.66	0.11	194.18	1.57	194.70	2.35
193.15	0.00	193.67	0.13	194.19	1.59	194.71	2.36
193.16	0.00	193.68	0.15	194.20	1.61	194.72	2.37
193.17	0.00	193.69	0.18	194.21	1.63	194.73	2.38
193.18	0.00	193.70	0.20	194.22	1.65	194.74	2.40
193.19	0.00	193.71	0.23	194.23	1.67	194.75	2.41
193.20	0.00	193.72	0.25	194.24	1.68	194.76	2.42
193.21	0.00	193.73	0.28	194.25	1.70	194.77	2.43
193.22	0.00	193.74	0.31	194.26	1.72	194.78	2.44
193.23	0.00	193.75	0.34	194.27	1.73	194.79	2.46
193.24	0.00	193.76	0.37	194.28	1.75	194.80	2.47
193.25	0.00	193.77	0.40	194.29	1.77	194.81	2.48
193.26	0.00	193.78	0.43	194.30	1.78	194.82	2.49
193.27	0.00	193.79	0.46	194.31	1.80	194.83	2.50
193.28	0.00	193.80	0.50	194.32	1.82	194.84	2.51
193.29	0.00	193.81	0.53	194.33	1.83	194.85	2.53
193.30	0.00	193.82	0.57	194.34	1.85	194.86	2.54
193.31	0.00	193.83	0.60	194.35	1.86	194.87	2.55
193.32	0.00	193.84	0.64	194.36	1.88	194.88	2.56
193.33	0.00	193.85	0.68	194.37	1.90	194.89	2.57
193.34	0.00	193.86	0.71	194.38	1.91	194.90	2.58
193.35	0.00	193.87	0.75	194.39	1.93	194.91	2.59
193.36	0.00	193.88	0.79	194.40	1.94	194.92	2.61
193.37	0.00	193.89	0.83	194.41	1.96	194.93	2.62
193.38	0.00	193.90	0.87	194.42	1.97	194.94	2.63
193.39	0.00	193.91	0.91	194.43	1.99	194.95	2.64
193.40	0.00	193.92	0.95	194.44	2.00	194.96	2.65
193.41	0.00	193.93	0.99	194.45	2.01	194.97	2.66
193.42	0.00	193.94	1.02	194.46	2.03	194.98	2.67
193.43	0.00	193.95	1.05	194.47	2.04	194.99	2.68
193.44	0.00	193.96	1.08	194.48	2.06	195.00	2.69
193.45	0.00	193.97	1.11	194.49	2.07	195.01	2.70
193.46	0.00	193.98	1.14	194.50	2.09	195.02	2.71
193.47	0.00	193.99	1.16	194.51	2.10	195.03	2.73
193.48	0.00	194.00	1.19	194.52	2.11	195.04	2.74
193.49	0.00	194.01	1.21	194.53	2.13	195.05	2.75
193.50	0.00	194.02	1.24	194.54	2.14	195.06	2.76
193.51	0.00	194.03	1.26	194.55	2.15	195.07	2.77

Stage-Discharge for Pond B-31: Basin #31 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.08	2.78	195.60	9.65
195.09	2.79	195.61	10.35
195.10	2.80	195.62	11.08
195.11	2.81	195.63	11.83
195.12	2.82	195.64	12.61
195.13	2.83	195.65	13.41
195.14	2.84	195.66	14.24
195.15	2.85	195.67	15.09
195.16	2.86	195.68	15.97
195.17	2.87	195.69	16.87
195.18	2.88	195.70	17.79
195.19	2.89	195.71	18.77
195.20	2.90	195.72	19.78
195.21	2.91	195.73	20.82
195.22	2.92	195.74	21.88
195.23	2.93	195.75	22.97
195.24	2.94	195.76	24.08
195.25	2.95	195.77	25.23
195.26	2.97	195.78	26.39
195.27	3.01	195.79	27.59
195.28	3.05	195.80	28.81
195.29	3.09	195.81	30.05
195.30	3.14	195.82	31.32
195.31	3.20	195.83	32.62
195.32	3.26	195.84	33.94
195.33	3.32	195.85	35.28
195.34	3.39	195.86	36.66
195.35	3.46	195.87	38.05
195.36	3.53	195.88	39.47
195.37	3.61	195.89	40.92
195.38	3.68	195.90	42.39
195.39	3.77	195.91	43.92
195.40	3.85	195.92	45.47
195.41	3.93	195.93	47.05
195.42	4.02	195.94	48.65
195.43	4.11	195.95	50.28
195.44	4.20	195.96	51.94
195.45	4.30	195.97	53.63
195.46	4.40	195.98	55.35
195.47	4.49	195.99	57.09
195.48	4.59	196.00	58.86
195.49	4.70		
195.50	4.80		
195.51	5.02		
195.52	5.35		
195.53	5.73		
195.54	6.17		
195.55	6.66		
195.56	7.19		
195.57	7.75		
195.58	8.35		
195.59	8.99		

Stage-Area-Storage for Pond B-31: Basin #31

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.00	4,745	0	193.52	4,745	2,467
193.01	4,745	47	193.53	4,745	2,515
193.02	4,745	95	193.54	4,745	2,562
193.03	4,745	142	193.55	4,745	2,610
193.04	4,745	190	193.56	4,745	2,657
193.05	4,745	237	193.57	4,745	2,705
193.06	4,745	285	193.58	4,745	2,752
193.07	4,745	332	193.59	4,745	2,800
193.08	4,745	380	193.60	4,745	2,847
193.09	4,745	427	193.61	4,745	2,894
193.10	4,745	474	193.62	4,745	2,942
193.11	4,745	522	193.63	4,745	2,989
193.12	4,745	569	193.64	4,745	3,037
193.13	4,745	617	193.65	4,745	3,084
193.14	4,745	664	193.66	4,745	3,132
193.15	4,745	712	193.67	4,745	3,179
193.16	4,745	759	193.68	4,745	3,227
193.17	4,745	807	193.69	4,745	3,274
193.18	4,745	854	193.70	4,745	3,321
193.19	4,745	902	193.71	4,745	3,369
193.20	4,745	949	193.72	4,745	3,416
193.21	4,745	996	193.73	4,745	3,464
193.22	4,745	1,044	193.74	4,745	3,511
193.23	4,745	1,091	193.75	4,745	3,559
193.24	4,745	1,139	193.76	4,745	3,606
193.25	4,745	1,186	193.77	4,745	3,654
193.26	4,745	1,234	193.78	4,745	3,701
193.27	4,745	1,281	193.79	4,745	3,749
193.28	4,745	1,329	193.80	4,745	3,796
193.29	4,745	1,376	193.81	4,745	3,843
193.30	4,745	1,424	193.82	4,745	3,891
193.31	4,745	1,471	193.83	4,745	3,938
193.32	4,745	1,518	193.84	4,745	3,986
193.33	4,745	1,566	193.85	4,745	4,033
193.34	4,745	1,613	193.86	4,745	4,081
193.35	4,745	1,661	193.87	4,745	4,128
193.36	4,745	1,708	193.88	4,745	4,176
193.37	4,745	1,756	193.89	4,745	4,223
193.38	4,745	1,803	193.90	4,745	4,271
193.39	4,745	1,851	193.91	4,745	4,318
193.40	4,745	1,898	193.92	4,745	4,365
193.41	4,745	1,945	193.93	4,745	4,413
193.42	4,745	1,993	193.94	4,745	4,460
193.43	4,745	2,040	193.95	4,745	4,508
193.44	4,745	2,088	193.96	4,745	4,555
193.45	4,745	2,135	193.97	4,745	4,603
193.46	4,745	2,183	193.98	4,745	4,650
193.47	4,745	2,230	193.99	4,745	4,698
193.48	4,745	2,278	194.00	4,745	4,745
193.49	4,745	2,325	194.01	4,745	4,792
193.50	4,745	2,373	194.02	4,745	4,840
193.51	4,745	2,420	194.03	4,745	4,887

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.04	4,745	4,935	194.56	4,745	7,402
194.05	4,745	4,982	194.57	4,745	7,450
194.06	4,745	5,030	194.58	4,745	7,497
194.07	4,745	5,077	194.59	4,745	7,545
194.08	4,745	5,125	194.60	4,745	7,592
194.09	4,745	5,172	194.61	4,745	7,639
194.10	4,745	5,219	194.62	4,745	7,687
194.11	4,745	5,267	194.63	4,745	7,734
194.12	4,745	5,314	194.64	4,745	7,782
194.13	4,745	5,362	194.65	4,745	7,829
194.14	4,745	5,409	194.66	4,745	7,877
194.15	4,745	5,457	194.67	4,745	7,924
194.16	4,745	5,504	194.68	4,745	7,972
194.17	4,745	5,552	194.69	4,745	8,019
194.18	4,745	5,599	194.70	4,745	8,066
194.19	4,745	5,647	194.71	4,745	8,114
194.20	4,745	5,694	194.72	4,745	8,161
194.21	4,745	5,741	194.73	4,745	8,209
194.22	4,745	5,789	194.74	4,745	8,256
194.23	4,745	5,836	194.75	4,745	8,304
194.24	4,745	5,884	194.76	4,745	8,351
194.25	4,745	5,931	194.77	4,745	8,399
194.26	4,745	5,979	194.78	4,745	8,446
194.27	4,745	6,026	194.79	4,745	8,494
194.28	4,745	6,074	194.80	4,745	8,541
194.29	4,745	6,121	194.81	4,745	8,588
194.30	4,745	6,169	194.82	4,745	8,636
194.31	4,745	6,216	194.83	4,745	8,683
194.32	4,745	6,263	194.84	4,745	8,731
194.33	4,745	6,311	194.85	4,745	8,778
194.34	4,745	6,358	194.86	4,745	8,826
194.35	4,745	6,406	194.87	4,745	8,873
194.36	4,745	6,453	194.88	4,745	8,921
194.37	4,745	6,501	194.89	4,745	8,968
194.38	4,745	6,548	194.90	4,745	9,016
194.39	4,745	6,596	194.91	4,745	9,063
194.40	4,745	6,643	194.92	4,745	9,110
194.41	4,745	6,690	194.93	4,745	9,158
194.42	4,745	6,738	194.94	4,745	9,205
194.43	4,745	6,785	194.95	4,745	9,253
194.44	4,745	6,833	194.96	4,745	9,300
194.45	4,745	6,880	194.97	4,745	9,348
194.46	4,745	6,928	194.98	4,745	9,395
194.47	4,745	6,975	194.99	4,745	9,443
194.48	4,745	7,023	195.00	4,745	9,490
194.49	4,745	7,070	195.01	4,745	9,537
194.50	4,745	7,118	195.02	4,745	9,585
194.51	4,745	7,165	195.03	4,745	9,632
194.52	4,745	7,212	195.04	4,745	9,680
194.53	4,745	7,260	195.05	4,745	9,727
194.54	4,745	7,307	195.06	4,745	9,775
194.55	4,745	7,355	195.07	4,745	9,822

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.08	4,745	9,870	195.60	4,745	12,337
195.09	4,745	9,917	195.61	4,745	12,384
195.10	4,745	9,964	195.62	4,745	12,432
195.11	4,745	10,012	195.63	4,745	12,479
195.12	4,745	10,059	195.64	4,745	12,527
195.13	4,745	10,107	195.65	4,745	12,574
195.14	4,745	10,154	195.66	4,745	12,622
195.15	4,745	10,202	195.67	4,745	12,669
195.16	4,745	10,249	195.68	4,745	12,717
195.17	4,745	10,297	195.69	4,745	12,764
195.18	4,745	10,344	195.70	4,745	12,811
195.19	4,745	10,392	195.71	4,745	12,859
195.20	4,745	10,439	195.72	4,745	12,906
195.21	4,745	10,486	195.73	4,745	12,954
195.22	4,745	10,534	195.74	4,745	13,001
195.23	4,745	10,581	195.75	4,745	13,049
195.24	4,745	10,629	195.76	4,745	13,096
195.25	4,745	10,676	195.77	4,745	13,144
195.26	4,745	10,724	195.78	4,745	13,191
195.27	4,745	10,771	195.79	4,745	13,239
195.28	4,745	10,819	195.80	4,745	13,286
195.29	4,745	10,866	195.81	4,745	13,333
195.30	4,745	10,914	195.82	4,745	13,381
195.31	4,745	10,961	195.83	4,745	13,428
195.32	4,745	11,008	195.84	4,745	13,476
195.33	4,745	11,056	195.85	4,745	13,523
195.34	4,745	11,103	195.86	4,745	13,571
195.35	4,745	11,151	195.87	4,745	13,618
195.36	4,745	11,198	195.88	4,745	13,666
195.37	4,745	11,246	195.89	4,745	13,713
195.38	4,745	11,293	195.90	4,745	13,761
195.39	4,745	11,341	195.91	4,745	13,808
195.40	4,745	11,388	195.92	4,745	13,855
195.41	4,745	11,435	195.93	4,745	13,903
195.42	4,745	11,483	195.94	4,745	13,950
195.43	4,745	11,530	195.95	4,745	13,998
195.44	4,745	11,578	195.96	4,745	14,045
195.45	4,745	11,625	195.97	4,745	14,093
195.46	4,745	11,673	195.98	4,745	14,140
195.47	4,745	11,720	195.99	4,745	14,188
195.48	4,745	11,768	196.00	4,745	14,235
195.49	4,745	11,815			
195.50	4,745	11,863			
195.51	4,745	11,910			
195.52	4,745	11,957			
195.53	4,745	12,005			
195.54	4,745	12,052			
195.55	4,745	12,100			
195.56	4,745	12,147			
195.57	4,745	12,195			
195.58	4,745	12,242			
195.59	4,745	12,290			

Summary for Pond B-32: Basin #32

Inflow Area = 1.346 ac, 28.68% Impervious, Inflow Depth = 3.76" for Future 10 yr event
 Inflow = 4.86 cfs @ 12.09 hrs, Volume= 0.421 af
 Outflow = 1.96 cfs @ 12.36 hrs, Volume= 0.382 af, Atten= 60%, Lag= 16.2 min
 Primary = 1.96 cfs @ 12.36 hrs, Volume= 0.382 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 196.13' @ 12.36 hrs Surf.Area= 5,735 sf Storage= 6,498 cf

Plug-Flow detention time= 128.8 min calculated for 0.381 af (91% of inflow)
 Center-of-Mass det. time= 80.4 min (876.7 - 796.3)

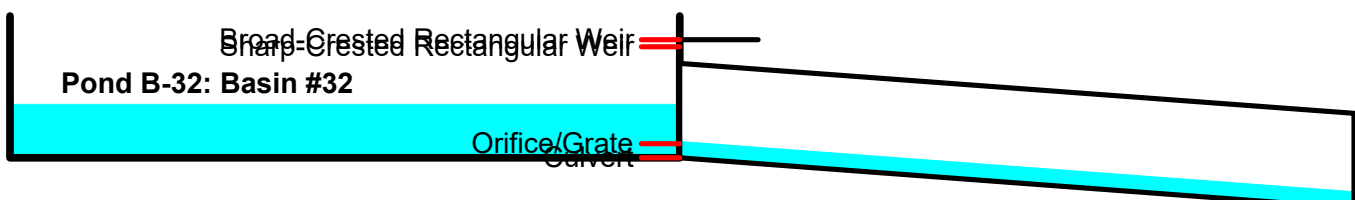
Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	17,205 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

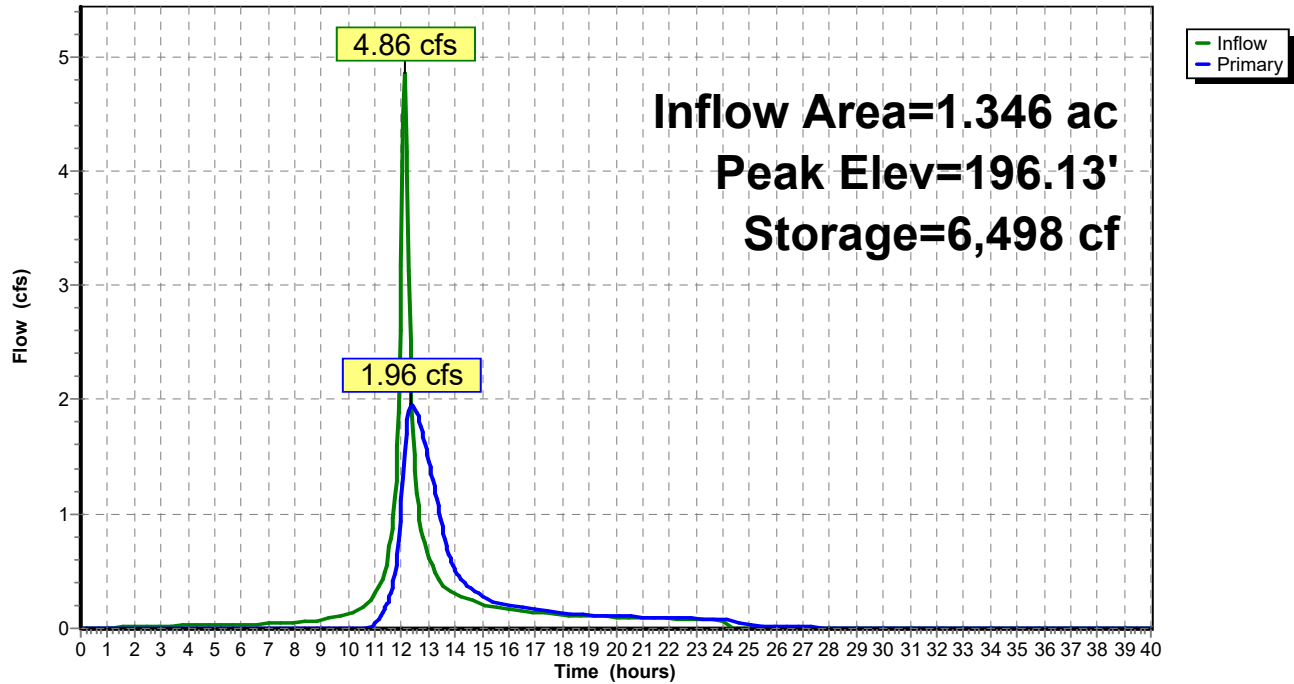
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	5,735	0	0
196.00	5,735	5,735	5,735
197.00	5,735	5,735	11,470
198.00	5,735	5,735	17,205

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	24.0" Round Culvert L= 43.0' Ke= 0.500 Inlet / Outlet Invert= 195.00' / 193.94' S= 0.0247 ' S= 0.0247 ' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	195.30'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.35'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=1.96 cfs @ 12.36 hrs HW=196.13' (Free Discharge)

- 1=Culvert (Passes 1.96 cfs of 6.64 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.96 cfs @ 3.92 fps)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-32: Basin #32**Hydrograph**

Hydrograph for Pond B-32: Basin #32

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.00	0	195.00	0.00
0.60	0.00	0	195.00	0.00
0.70	0.00	0	195.00	0.00
0.80	0.00	1	195.00	0.00
0.90	0.00	2	195.00	0.00
1.00	0.00	3	195.00	0.00
1.10	0.01	5	195.00	0.00
1.20	0.01	7	195.00	0.00
1.30	0.01	10	195.00	0.00
1.40	0.01	13	195.00	0.00
1.50	0.01	16	195.00	0.00
1.60	0.01	20	195.00	0.00
1.70	0.01	24	195.00	0.00
1.80	0.01	29	195.00	0.00
1.90	0.01	33	195.01	0.00
2.00	0.01	38	195.01	0.00
2.10	0.01	43	195.01	0.00
2.20	0.02	49	195.01	0.00
2.30	0.02	55	195.01	0.00
2.40	0.02	61	195.01	0.00
2.50	0.02	67	195.01	0.00
2.60	0.02	73	195.01	0.00
2.70	0.02	80	195.01	0.00
2.80	0.02	87	195.02	0.00
2.90	0.02	94	195.02	0.00
3.00	0.02	101	195.02	0.00
3.10	0.02	109	195.02	0.00
3.20	0.02	117	195.02	0.00
3.30	0.02	124	195.02	0.00
3.40	0.02	132	195.02	0.00
3.50	0.02	141	195.02	0.00
3.60	0.02	149	195.03	0.00
3.70	0.02	158	195.03	0.00
3.80	0.02	166	195.03	0.00
3.90	0.02	175	195.03	0.00
4.00	0.03	184	195.03	0.00
4.10	0.03	193	195.03	0.00
4.20	0.03	203	195.04	0.00
4.30	0.03	212	195.04	0.00
4.40	0.03	222	195.04	0.00
4.50	0.03	232	195.04	0.00
4.60	0.03	242	195.04	0.00
4.70	0.03	252	195.04	0.00
4.80	0.03	262	195.05	0.00
4.90	0.03	272	195.05	0.00
5.00	0.03	283	195.05	0.00
5.10	0.03	293	195.05	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	304	195.05	0.00
5.30	0.03	315	195.05	0.00
5.40	0.03	326	195.06	0.00
5.50	0.03	337	195.06	0.00
5.60	0.03	348	195.06	0.00
5.70	0.03	359	195.06	0.00
5.80	0.03	371	195.06	0.00
5.90	0.03	382	195.07	0.00
6.00	0.03	394	195.07	0.00
6.10	0.03	406	195.07	0.00
6.20	0.03	418	195.07	0.00
6.30	0.04	431	195.08	0.00
6.40	0.04	444	195.08	0.00
6.50	0.04	457	195.08	0.00
6.60	0.04	471	195.08	0.00
6.70	0.04	485	195.08	0.00
6.80	0.04	499	195.09	0.00
6.90	0.04	514	195.09	0.00
7.00	0.04	529	195.09	0.00
7.10	0.04	544	195.09	0.00
7.20	0.04	560	195.10	0.00
7.30	0.04	576	195.10	0.00
7.40	0.05	592	195.10	0.00
7.50	0.05	609	195.11	0.00
7.60	0.05	626	195.11	0.00
7.70	0.05	643	195.11	0.00
7.80	0.05	661	195.12	0.00
7.90	0.05	679	195.12	0.00
8.00	0.05	697	195.12	0.00
8.10	0.05	716	195.12	0.00
8.20	0.05	735	195.13	0.00
8.30	0.06	755	195.13	0.00
8.40	0.06	775	195.14	0.00
8.50	0.06	796	195.14	0.00
8.60	0.06	818	195.14	0.00
8.70	0.06	841	195.15	0.00
8.80	0.07	865	195.15	0.00
8.90	0.07	889	195.16	0.00
9.00	0.07	915	195.16	0.00
9.10	0.08	942	195.16	0.00
9.20	0.08	970	195.17	0.00
9.30	0.09	1,001	195.17	0.00
9.40	0.09	1,034	195.18	0.00
9.50	0.10	1,069	195.19	0.00
9.60	0.11	1,106	195.19	0.00
9.70	0.11	1,145	195.20	0.00
9.80	0.12	1,187	195.21	0.00
9.90	0.13	1,231	195.21	0.00
10.00	0.13	1,278	195.22	0.00
10.10	0.14	1,327	195.23	0.00
10.20	0.15	1,379	195.24	0.00
10.30	0.16	1,434	195.25	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,491	195.26	0.00
10.50	0.17	1,552	195.27	0.00
10.60	0.19	1,619	195.28	0.00
10.70	0.22	1,693	195.30	0.00
10.80	0.24	1,775	195.31	0.01
10.90	0.27	1,862	195.32	0.02
11.00	0.30	1,953	195.34	0.04
11.10	0.34	2,050	195.36	0.07
11.20	0.39	2,152	195.38	0.10
11.30	0.44	2,259	195.39	0.14
11.40	0.50	2,371	195.41	0.18
11.50	0.58	2,487	195.43	0.24
11.60	0.78	2,643	195.46	0.31
11.70	0.96	2,828	195.49	0.41
11.80	1.29	3,066	195.53	0.55
11.90	1.88	3,404	195.59	0.77
12.00	3.17	3,988	195.70	1.12
12.10	4.84	5,038	195.88	1.53
12.20	3.99	5,977	196.04	1.82
12.30	2.51	6,443	196.12	1.95
12.40	1.73	6,479	196.13	1.95
12.50	1.37	6,334	196.10	1.92
12.60	1.07	6,086	196.06	1.85
12.70	0.87	5,779	196.01	1.76
12.80	0.77	5,453	195.95	1.67
12.90	0.69	5,133	195.90	1.57
13.00	0.63	4,825	195.84	1.46
13.10	0.56	4,530	195.79	1.35
13.20	0.51	4,254	195.74	1.24
13.30	0.47	4,003	195.70	1.13
13.40	0.43	3,778	195.66	1.01
13.50	0.39	3,582	195.62	0.89
13.60	0.36	3,417	195.60	0.78
13.70	0.33	3,279	195.57	0.68
13.80	0.32	3,165	195.55	0.61
13.90	0.31	3,070	195.54	0.55
14.00	0.30	2,991	195.52	0.50
14.10	0.29	2,924	195.51	0.46
14.20	0.28	2,867	195.50	0.43
14.30	0.27	2,817	195.49	0.40
14.40	0.26	2,772	195.48	0.38
14.50	0.25	2,733	195.48	0.36
14.60	0.24	2,697	195.47	0.34
14.70	0.23	2,664	195.46	0.32
14.80	0.22	2,633	195.46	0.31
14.90	0.21	2,604	195.45	0.29
15.00	0.20	2,577	195.45	0.28
15.10	0.19	2,550	195.44	0.27
15.20	0.19	2,526	195.44	0.25
15.30	0.19	2,503	195.44	0.24
15.40	0.18	2,483	195.43	0.23
15.50	0.18	2,466	195.43	0.23

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.18	2,450	195.43	0.22
15.70	0.17	2,435	195.42	0.21
15.80	0.17	2,422	195.42	0.21
15.90	0.17	2,411	195.42	0.20
16.00	0.17	2,400	195.42	0.20
16.10	0.16	2,389	195.42	0.19
16.20	0.16	2,380	195.41	0.19
16.30	0.16	2,370	195.41	0.18
16.40	0.16	2,361	195.41	0.18
16.50	0.15	2,353	195.41	0.18
16.60	0.15	2,344	195.41	0.17
16.70	0.15	2,336	195.41	0.17
16.80	0.15	2,329	195.41	0.17
16.90	0.14	2,321	195.40	0.16
17.00	0.14	2,313	195.40	0.16
17.10	0.14	2,306	195.40	0.16
17.20	0.14	2,299	195.40	0.16
17.30	0.13	2,292	195.40	0.15
17.40	0.13	2,285	195.40	0.15
17.50	0.13	2,278	195.40	0.15
17.60	0.13	2,271	195.40	0.14
17.70	0.12	2,264	195.39	0.14
17.80	0.12	2,257	195.39	0.14
17.90	0.12	2,251	195.39	0.14
18.00	0.11	2,244	195.39	0.13
18.10	0.11	2,237	195.39	0.13
18.20	0.11	2,231	195.39	0.13
18.30	0.11	2,224	195.39	0.13
18.40	0.11	2,219	195.39	0.12
18.50	0.11	2,213	195.39	0.12
18.60	0.11	2,208	195.39	0.12
18.70	0.11	2,204	195.38	0.12
18.80	0.11	2,200	195.38	0.12
18.90	0.11	2,196	195.38	0.12
19.00	0.10	2,192	195.38	0.11
19.10	0.10	2,189	195.38	0.11
19.20	0.10	2,185	195.38	0.11
19.30	0.10	2,182	195.38	0.11
19.40	0.10	2,179	195.38	0.11
19.50	0.10	2,176	195.38	0.11
19.60	0.10	2,173	195.38	0.11
19.70	0.10	2,171	195.38	0.11
19.80	0.10	2,168	195.38	0.11
19.90	0.10	2,166	195.38	0.11
20.00	0.10	2,163	195.38	0.10
20.10	0.10	2,161	195.38	0.10
20.20	0.10	2,159	195.38	0.10
20.30	0.10	2,156	195.38	0.10
20.40	0.10	2,154	195.38	0.10
20.50	0.09	2,152	195.38	0.10
20.60	0.09	2,150	195.37	0.10
20.70	0.09	2,148	195.37	0.10

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	2,146	195.37	0.10
20.90	0.09	2,144	195.37	0.10
21.00	0.09	2,142	195.37	0.10
21.10	0.09	2,139	195.37	0.10
21.20	0.09	2,137	195.37	0.10
21.30	0.09	2,135	195.37	0.10
21.40	0.09	2,133	195.37	0.09
21.50	0.09	2,131	195.37	0.09
21.60	0.09	2,129	195.37	0.09
21.70	0.09	2,127	195.37	0.09
21.80	0.09	2,125	195.37	0.09
21.90	0.09	2,124	195.37	0.09
22.00	0.08	2,122	195.37	0.09
22.10	0.08	2,120	195.37	0.09
22.20	0.08	2,118	195.37	0.09
22.30	0.08	2,116	195.37	0.09
22.40	0.08	2,114	195.37	0.09
22.50	0.08	2,112	195.37	0.09
22.60	0.08	2,110	195.37	0.09
22.70	0.08	2,108	195.37	0.09
22.80	0.08	2,106	195.37	0.08
22.90	0.08	2,104	195.37	0.08
23.00	0.08	2,102	195.37	0.08
23.10	0.08	2,100	195.37	0.08
23.20	0.08	2,098	195.37	0.08
23.30	0.08	2,096	195.37	0.08
23.40	0.08	2,094	195.37	0.08
23.50	0.07	2,092	195.36	0.08
23.60	0.07	2,090	195.36	0.08
23.70	0.07	2,088	195.36	0.08
23.80	0.07	2,086	195.36	0.08
23.90	0.07	2,084	195.36	0.08
24.00	0.07	2,084	195.36	0.08
24.10	0.04	2,076	195.36	0.07
24.20	0.01	2,059	195.36	0.07
24.30	0.00	2,037	195.36	0.06
24.40	0.00	2,016	195.35	0.06
24.50	0.00	1,996	195.35	0.05
24.60	0.00	1,978	195.34	0.05
24.70	0.00	1,962	195.34	0.04
24.80	0.00	1,947	195.34	0.04
24.90	0.00	1,933	195.34	0.04
25.00	0.00	1,921	195.33	0.03
25.10	0.00	1,910	195.33	0.03
25.20	0.00	1,900	195.33	0.03
25.30	0.00	1,890	195.33	0.02
25.40	0.00	1,882	195.33	0.02
25.50	0.00	1,873	195.33	0.02
25.60	0.00	1,866	195.33	0.02
25.70	0.00	1,858	195.32	0.02
25.80	0.00	1,851	195.32	0.02
25.90	0.00	1,845	195.32	0.02

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,838	195.32	0.02
26.10	0.00	1,832	195.32	0.02
26.20	0.00	1,827	195.32	0.02
26.30	0.00	1,821	195.32	0.01
26.40	0.00	1,816	195.32	0.01
26.50	0.00	1,811	195.32	0.01
26.60	0.00	1,806	195.31	0.01
26.70	0.00	1,802	195.31	0.01
26.80	0.00	1,798	195.31	0.01
26.90	0.00	1,794	195.31	0.01
27.00	0.00	1,790	195.31	0.01
27.10	0.00	1,787	195.31	0.01
27.20	0.00	1,783	195.31	0.01
27.30	0.00	1,780	195.31	0.01
27.40	0.00	1,777	195.31	0.01
27.50	0.00	1,774	195.31	0.01
27.60	0.00	1,771	195.31	0.01
27.70	0.00	1,769	195.31	0.01
27.80	0.00	1,766	195.31	0.01
27.90	0.00	1,764	195.31	0.01
28.00	0.00	1,762	195.31	0.01
28.10	0.00	1,760	195.31	0.01
28.20	0.00	1,758	195.31	0.01
28.30	0.00	1,756	195.31	0.01
28.40	0.00	1,754	195.31	0.00
28.50	0.00	1,752	195.31	0.00
28.60	0.00	1,751	195.31	0.00
28.70	0.00	1,749	195.30	0.00
28.80	0.00	1,748	195.30	0.00
28.90	0.00	1,746	195.30	0.00
29.00	0.00	1,745	195.30	0.00
29.10	0.00	1,744	195.30	0.00
29.20	0.00	1,743	195.30	0.00
29.30	0.00	1,741	195.30	0.00
29.40	0.00	1,740	195.30	0.00
29.50	0.00	1,739	195.30	0.00
29.60	0.00	1,738	195.30	0.00
29.70	0.00	1,737	195.30	0.00
29.80	0.00	1,737	195.30	0.00
29.90	0.00	1,736	195.30	0.00
30.00	0.00	1,735	195.30	0.00
30.10	0.00	1,734	195.30	0.00
30.20	0.00	1,734	195.30	0.00
30.30	0.00	1,733	195.30	0.00
30.40	0.00	1,732	195.30	0.00
30.50	0.00	1,732	195.30	0.00
30.60	0.00	1,731	195.30	0.00
30.70	0.00	1,731	195.30	0.00
30.80	0.00	1,730	195.30	0.00
30.90	0.00	1,730	195.30	0.00
31.00	0.00	1,729	195.30	0.00
31.10	0.00	1,729	195.30	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,728	195.30	0.00
31.30	0.00	1,728	195.30	0.00
31.40	0.00	1,727	195.30	0.00
31.50	0.00	1,727	195.30	0.00
31.60	0.00	1,727	195.30	0.00
31.70	0.00	1,726	195.30	0.00
31.80	0.00	1,726	195.30	0.00
31.90	0.00	1,726	195.30	0.00
32.00	0.00	1,726	195.30	0.00
32.10	0.00	1,725	195.30	0.00
32.20	0.00	1,725	195.30	0.00
32.30	0.00	1,725	195.30	0.00
32.40	0.00	1,725	195.30	0.00
32.50	0.00	1,724	195.30	0.00
32.60	0.00	1,724	195.30	0.00
32.70	0.00	1,724	195.30	0.00
32.80	0.00	1,724	195.30	0.00
32.90	0.00	1,724	195.30	0.00
33.00	0.00	1,724	195.30	0.00
33.10	0.00	1,723	195.30	0.00
33.20	0.00	1,723	195.30	0.00
33.30	0.00	1,723	195.30	0.00
33.40	0.00	1,723	195.30	0.00
33.50	0.00	1,723	195.30	0.00
33.60	0.00	1,723	195.30	0.00
33.70	0.00	1,723	195.30	0.00
33.80	0.00	1,722	195.30	0.00
33.90	0.00	1,722	195.30	0.00
34.00	0.00	1,722	195.30	0.00
34.10	0.00	1,722	195.30	0.00
34.20	0.00	1,722	195.30	0.00
34.30	0.00	1,722	195.30	0.00
34.40	0.00	1,722	195.30	0.00
34.50	0.00	1,722	195.30	0.00
34.60	0.00	1,722	195.30	0.00
34.70	0.00	1,722	195.30	0.00
34.80	0.00	1,722	195.30	0.00
34.90	0.00	1,722	195.30	0.00
35.00	0.00	1,722	195.30	0.00
35.10	0.00	1,722	195.30	0.00
35.20	0.00	1,721	195.30	0.00
35.30	0.00	1,721	195.30	0.00
35.40	0.00	1,721	195.30	0.00
35.50	0.00	1,721	195.30	0.00
35.60	0.00	1,721	195.30	0.00
35.70	0.00	1,721	195.30	0.00
35.80	0.00	1,721	195.30	0.00
35.90	0.00	1,721	195.30	0.00
36.00	0.00	1,721	195.30	0.00
36.10	0.00	1,721	195.30	0.00
36.20	0.00	1,721	195.30	0.00
36.30	0.00	1,721	195.30	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,721	195.30	0.00
36.50	0.00	1,721	195.30	0.00
36.60	0.00	1,721	195.30	0.00
36.70	0.00	1,721	195.30	0.00
36.80	0.00	1,721	195.30	0.00
36.90	0.00	1,721	195.30	0.00
37.00	0.00	1,721	195.30	0.00
37.10	0.00	1,721	195.30	0.00
37.20	0.00	1,721	195.30	0.00
37.30	0.00	1,721	195.30	0.00
37.40	0.00	1,721	195.30	0.00
37.50	0.00	1,721	195.30	0.00
37.60	0.00	1,721	195.30	0.00
37.70	0.00	1,721	195.30	0.00
37.80	0.00	1,721	195.30	0.00
37.90	0.00	1,721	195.30	0.00
38.00	0.00	1,721	195.30	0.00
38.10	0.00	1,721	195.30	0.00
38.20	0.00	1,721	195.30	0.00
38.30	0.00	1,721	195.30	0.00
38.40	0.00	1,721	195.30	0.00
38.50	0.00	1,721	195.30	0.00
38.60	0.00	1,721	195.30	0.00
38.70	0.00	1,721	195.30	0.00
38.80	0.00	1,721	195.30	0.00
38.90	0.00	1,721	195.30	0.00
39.00	0.00	1,721	195.30	0.00
39.10	0.00	1,721	195.30	0.00
39.20	0.00	1,721	195.30	0.00
39.30	0.00	1,721	195.30	0.00
39.40	0.00	1,721	195.30	0.00
39.50	0.00	1,721	195.30	0.00
39.60	0.00	1,721	195.30	0.00
39.70	0.00	1,721	195.30	0.00
39.80	0.00	1,721	195.30	0.00
39.90	0.00	1,721	195.30	0.00
40.00	0.00	1,721	195.30	0.00

Stage-Discharge for Pond B-32: Basin #32

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.50	196.04	1.82	196.56	2.51
195.01	0.00	195.53	0.53	196.05	1.83	196.57	2.53
195.02	0.00	195.54	0.57	196.06	1.85	196.58	2.54
195.03	0.00	195.55	0.60	196.07	1.86	196.59	2.55
195.04	0.00	195.56	0.64	196.08	1.88	196.60	2.56
195.05	0.00	195.57	0.68	196.09	1.90	196.61	2.57
195.06	0.00	195.58	0.71	196.10	1.91	196.62	2.58
195.07	0.00	195.59	0.75	196.11	1.93	196.63	2.59
195.08	0.00	195.60	0.79	196.12	1.94	196.64	2.61
195.09	0.00	195.61	0.83	196.13	1.96	196.65	2.62
195.10	0.00	195.62	0.87	196.14	1.97	196.66	2.63
195.11	0.00	195.63	0.91	196.15	1.99	196.67	2.64
195.12	0.00	195.64	0.95	196.16	2.00	196.68	2.65
195.13	0.00	195.65	0.99	196.17	2.01	196.69	2.66
195.14	0.00	195.66	1.02	196.18	2.03	196.70	2.67
195.15	0.00	195.67	1.05	196.19	2.04	196.71	2.68
195.16	0.00	195.68	1.08	196.20	2.06	196.72	2.69
195.17	0.00	195.69	1.11	196.21	2.07	196.73	2.70
195.18	0.00	195.70	1.14	196.22	2.09	196.74	2.71
195.19	0.00	195.71	1.16	196.23	2.10	196.75	2.73
195.20	0.00	195.72	1.19	196.24	2.11	196.76	2.74
195.21	0.00	195.73	1.21	196.25	2.13	196.77	2.75
195.22	0.00	195.74	1.24	196.26	2.14	196.78	2.76
195.23	0.00	195.75	1.26	196.27	2.15	196.79	2.77
195.24	0.00	195.76	1.29	196.28	2.17	196.80	2.78
195.25	0.00	195.77	1.31	196.29	2.18	196.81	2.79
195.26	0.00	195.78	1.33	196.30	2.19	196.82	2.80
195.27	0.00	195.79	1.35	196.31	2.21	196.83	2.81
195.28	0.00	195.80	1.37	196.32	2.22	196.84	2.82
195.29	0.00	195.81	1.40	196.33	2.23	196.85	2.83
195.30	0.00	195.82	1.42	196.34	2.25	196.86	2.84
195.31	0.00	195.83	1.44	196.35	2.26	196.87	2.85
195.32	0.01	195.84	1.46	196.36	2.27	196.88	2.86
195.33	0.03	195.85	1.48	196.37	2.28	196.89	2.87
195.34	0.04	195.86	1.50	196.38	2.30	196.90	2.88
195.35	0.05	195.87	1.52	196.39	2.31	196.91	2.89
195.36	0.07	195.88	1.54	196.40	2.32	196.92	2.90
195.37	0.09	195.89	1.56	196.41	2.34	196.93	2.91
195.38	0.11	195.90	1.57	196.42	2.35	196.94	2.92
195.39	0.13	195.91	1.59	196.43	2.36	196.95	2.93
195.40	0.15	195.92	1.61	196.44	2.37	196.96	2.94
195.41	0.18	195.93	1.63	196.45	2.38	196.97	2.95
195.42	0.20	195.94	1.65	196.46	2.40	196.98	2.96
195.43	0.23	195.95	1.67	196.47	2.41	196.99	2.97
195.44	0.25	195.96	1.68	196.48	2.42	197.00	2.98
195.45	0.28	195.97	1.70	196.49	2.43	197.01	2.99
195.46	0.31	195.98	1.72	196.50	2.44	197.02	3.00
195.47	0.34	195.99	1.73	196.51	2.46	197.03	3.01
195.48	0.37	196.00	1.75	196.52	2.47	197.04	3.02
195.49	0.40	196.01	1.77	196.53	2.48	197.05	3.03
195.50	0.43	196.02	1.78	196.54	2.49	197.06	3.04
195.51	0.46	196.03	1.80	196.55	2.50	197.07	3.05

Stage-Discharge for Pond B-32: Basin #32 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	3.06	197.60	8.85
197.09	3.07	197.61	9.53
197.10	3.08	197.62	10.23
197.11	3.08	197.63	10.97
197.12	3.09	197.64	11.73
197.13	3.10	197.65	12.52
197.14	3.11	197.66	13.33
197.15	3.12	197.67	14.17
197.16	3.13	197.68	15.03
197.17	3.14	197.69	15.92
197.18	3.15	197.70	16.82
197.19	3.16	197.71	17.79
197.20	3.17	197.72	18.79
197.21	3.18	197.73	19.81
197.22	3.19	197.74	20.86
197.23	3.20	197.75	21.93
197.24	3.20	197.76	23.04
197.25	3.21	197.77	24.16
197.26	3.22	197.78	25.32
197.27	3.23	197.79	26.50
197.28	3.24	197.80	27.70
197.29	3.25	197.81	28.94
197.30	3.26	197.82	30.19
197.31	3.27	197.83	31.48
197.32	3.28	197.84	32.79
197.33	3.29	197.85	34.12
197.34	3.29	197.86	35.48
197.35	3.30	197.87	36.87
197.36	3.32	197.88	38.28
197.37	3.36	197.89	39.71
197.38	3.40	197.90	41.17
197.39	3.44	197.91	42.69
197.40	3.49	197.92	44.23
197.41	3.55	197.93	45.79
197.42	3.61	197.94	47.39
197.43	3.67	197.95	49.01
197.44	3.73	197.96	50.66
197.45	3.80	197.97	52.33
197.46	3.87	197.98	54.04
197.47	3.95	197.99	55.77
197.48	4.02	198.00	57.53
197.49	4.10		
197.50	4.19		
197.51	4.39		
197.52	4.69		
197.53	5.06		
197.54	5.48		
197.55	5.94		
197.56	6.45		
197.57	7.00		
197.58	7.58		
197.59	8.20		

Stage-Area-Storage for Pond B-32: Basin #32

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	5,735	0	195.52	5,735	2,982
195.01	5,735	57	195.53	5,735	3,040
195.02	5,735	115	195.54	5,735	3,097
195.03	5,735	172	195.55	5,735	3,154
195.04	5,735	229	195.56	5,735	3,212
195.05	5,735	287	195.57	5,735	3,269
195.06	5,735	344	195.58	5,735	3,326
195.07	5,735	401	195.59	5,735	3,384
195.08	5,735	459	195.60	5,735	3,441
195.09	5,735	516	195.61	5,735	3,498
195.10	5,735	573	195.62	5,735	3,556
195.11	5,735	631	195.63	5,735	3,613
195.12	5,735	688	195.64	5,735	3,670
195.13	5,735	746	195.65	5,735	3,728
195.14	5,735	803	195.66	5,735	3,785
195.15	5,735	860	195.67	5,735	3,842
195.16	5,735	918	195.68	5,735	3,900
195.17	5,735	975	195.69	5,735	3,957
195.18	5,735	1,032	195.70	5,735	4,014
195.19	5,735	1,090	195.71	5,735	4,072
195.20	5,735	1,147	195.72	5,735	4,129
195.21	5,735	1,204	195.73	5,735	4,187
195.22	5,735	1,262	195.74	5,735	4,244
195.23	5,735	1,319	195.75	5,735	4,301
195.24	5,735	1,376	195.76	5,735	4,359
195.25	5,735	1,434	195.77	5,735	4,416
195.26	5,735	1,491	195.78	5,735	4,473
195.27	5,735	1,548	195.79	5,735	4,531
195.28	5,735	1,606	195.80	5,735	4,588
195.29	5,735	1,663	195.81	5,735	4,645
195.30	5,735	1,721	195.82	5,735	4,703
195.31	5,735	1,778	195.83	5,735	4,760
195.32	5,735	1,835	195.84	5,735	4,817
195.33	5,735	1,893	195.85	5,735	4,875
195.34	5,735	1,950	195.86	5,735	4,932
195.35	5,735	2,007	195.87	5,735	4,989
195.36	5,735	2,065	195.88	5,735	5,047
195.37	5,735	2,122	195.89	5,735	5,104
195.38	5,735	2,179	195.90	5,735	5,162
195.39	5,735	2,237	195.91	5,735	5,219
195.40	5,735	2,294	195.92	5,735	5,276
195.41	5,735	2,351	195.93	5,735	5,334
195.42	5,735	2,409	195.94	5,735	5,391
195.43	5,735	2,466	195.95	5,735	5,448
195.44	5,735	2,523	195.96	5,735	5,506
195.45	5,735	2,581	195.97	5,735	5,563
195.46	5,735	2,638	195.98	5,735	5,620
195.47	5,735	2,695	195.99	5,735	5,678
195.48	5,735	2,753	196.00	5,735	5,735
195.49	5,735	2,810	196.01	5,735	5,792
195.50	5,735	2,868	196.02	5,735	5,850
195.51	5,735	2,925	196.03	5,735	5,907

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	5,735	5,964	196.56	5,735	8,947
196.05	5,735	6,022	196.57	5,735	9,004
196.06	5,735	6,079	196.58	5,735	9,061
196.07	5,735	6,136	196.59	5,735	9,119
196.08	5,735	6,194	196.60	5,735	9,176
196.09	5,735	6,251	196.61	5,735	9,233
196.10	5,735	6,308	196.62	5,735	9,291
196.11	5,735	6,366	196.63	5,735	9,348
196.12	5,735	6,423	196.64	5,735	9,405
196.13	5,735	6,481	196.65	5,735	9,463
196.14	5,735	6,538	196.66	5,735	9,520
196.15	5,735	6,595	196.67	5,735	9,577
196.16	5,735	6,653	196.68	5,735	9,635
196.17	5,735	6,710	196.69	5,735	9,692
196.18	5,735	6,767	196.70	5,735	9,749
196.19	5,735	6,825	196.71	5,735	9,807
196.20	5,735	6,882	196.72	5,735	9,864
196.21	5,735	6,939	196.73	5,735	9,922
196.22	5,735	6,997	196.74	5,735	9,979
196.23	5,735	7,054	196.75	5,735	10,036
196.24	5,735	7,111	196.76	5,735	10,094
196.25	5,735	7,169	196.77	5,735	10,151
196.26	5,735	7,226	196.78	5,735	10,208
196.27	5,735	7,283	196.79	5,735	10,266
196.28	5,735	7,341	196.80	5,735	10,323
196.29	5,735	7,398	196.81	5,735	10,380
196.30	5,735	7,456	196.82	5,735	10,438
196.31	5,735	7,513	196.83	5,735	10,495
196.32	5,735	7,570	196.84	5,735	10,552
196.33	5,735	7,628	196.85	5,735	10,610
196.34	5,735	7,685	196.86	5,735	10,667
196.35	5,735	7,742	196.87	5,735	10,724
196.36	5,735	7,800	196.88	5,735	10,782
196.37	5,735	7,857	196.89	5,735	10,839
196.38	5,735	7,914	196.90	5,735	10,897
196.39	5,735	7,972	196.91	5,735	10,954
196.40	5,735	8,029	196.92	5,735	11,011
196.41	5,735	8,086	196.93	5,735	11,069
196.42	5,735	8,144	196.94	5,735	11,126
196.43	5,735	8,201	196.95	5,735	11,183
196.44	5,735	8,258	196.96	5,735	11,241
196.45	5,735	8,316	196.97	5,735	11,298
196.46	5,735	8,373	196.98	5,735	11,355
196.47	5,735	8,430	196.99	5,735	11,413
196.48	5,735	8,488	197.00	5,735	11,470
196.49	5,735	8,545	197.01	5,735	11,527
196.50	5,735	8,603	197.02	5,735	11,585
196.51	5,735	8,660	197.03	5,735	11,642
196.52	5,735	8,717	197.04	5,735	11,699
196.53	5,735	8,775	197.05	5,735	11,757
196.54	5,735	8,832	197.06	5,735	11,814
196.55	5,735	8,889	197.07	5,735	11,871

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	5,735	11,929	197.60	5,735	14,911
197.09	5,735	11,986	197.61	5,735	14,968
197.10	5,735	12,043	197.62	5,735	15,026
197.11	5,735	12,101	197.63	5,735	15,083
197.12	5,735	12,158	197.64	5,735	15,140
197.13	5,735	12,216	197.65	5,735	15,198
197.14	5,735	12,273	197.66	5,735	15,255
197.15	5,735	12,330	197.67	5,735	15,312
197.16	5,735	12,388	197.68	5,735	15,370
197.17	5,735	12,445	197.69	5,735	15,427
197.18	5,735	12,502	197.70	5,735	15,484
197.19	5,735	12,560	197.71	5,735	15,542
197.20	5,735	12,617	197.72	5,735	15,599
197.21	5,735	12,674	197.73	5,735	15,657
197.22	5,735	12,732	197.74	5,735	15,714
197.23	5,735	12,789	197.75	5,735	15,771
197.24	5,735	12,846	197.76	5,735	15,829
197.25	5,735	12,904	197.77	5,735	15,886
197.26	5,735	12,961	197.78	5,735	15,943
197.27	5,735	13,018	197.79	5,735	16,001
197.28	5,735	13,076	197.80	5,735	16,058
197.29	5,735	13,133	197.81	5,735	16,115
197.30	5,735	13,191	197.82	5,735	16,173
197.31	5,735	13,248	197.83	5,735	16,230
197.32	5,735	13,305	197.84	5,735	16,287
197.33	5,735	13,363	197.85	5,735	16,345
197.34	5,735	13,420	197.86	5,735	16,402
197.35	5,735	13,477	197.87	5,735	16,459
197.36	5,735	13,535	197.88	5,735	16,517
197.37	5,735	13,592	197.89	5,735	16,574
197.38	5,735	13,649	197.90	5,735	16,632
197.39	5,735	13,707	197.91	5,735	16,689
197.40	5,735	13,764	197.92	5,735	16,746
197.41	5,735	13,821	197.93	5,735	16,804
197.42	5,735	13,879	197.94	5,735	16,861
197.43	5,735	13,936	197.95	5,735	16,918
197.44	5,735	13,993	197.96	5,735	16,976
197.45	5,735	14,051	197.97	5,735	17,033
197.46	5,735	14,108	197.98	5,735	17,090
197.47	5,735	14,165	197.99	5,735	17,148
197.48	5,735	14,223	198.00	5,735	17,205
197.49	5,735	14,280			
197.50	5,735	14,338			
197.51	5,735	14,395			
197.52	5,735	14,452			
197.53	5,735	14,510			
197.54	5,735	14,567			
197.55	5,735	14,624			
197.56	5,735	14,682			
197.57	5,735	14,739			
197.58	5,735	14,796			
197.59	5,735	14,854			

Summary for Pond B-33: Basin #33

Inflow Area = 1.761 ac, 50.99% Impervious, Inflow Depth = 4.32" for Future 10 yr event
 Inflow = 9.30 cfs @ 12.09 hrs, Volume= 0.635 af
 Outflow = 3.60 cfs @ 12.23 hrs, Volume= 0.549 af, Atten= 61%, Lag= 8.3 min
 Primary = 3.60 cfs @ 12.23 hrs, Volume= 0.549 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.25' @ 12.23 hrs Surf.Area= 5,432 sf Storage= 12,205 cf

Plug-Flow detention time= 201.2 min calculated for 0.549 af (87% of inflow)
 Center-of-Mass det. time= 136.9 min (910.7 - 773.7)

Volume	Invert	Avail.Storage	Storage Description
#1	187.00'	21,728 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
187.00	5,432	0	0
188.00	5,432	5,432	5,432
189.00	5,432	5,432	10,864
190.00	5,432	5,432	16,296
191.00	5,432	5,432	21,728

Device	Routing	Invert	Outlet Devices
#1	Primary	184.00'	18.0" Round Culvert L= 104.0' Ke= 0.500 Inlet / Outlet Invert= 184.00' / 182.00' S= 0.0192 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	187.66'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	188.64'	20.0" W x 7.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	190.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	190.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.59 cfs @ 12.23 hrs HW=189.24' (Free Discharge)

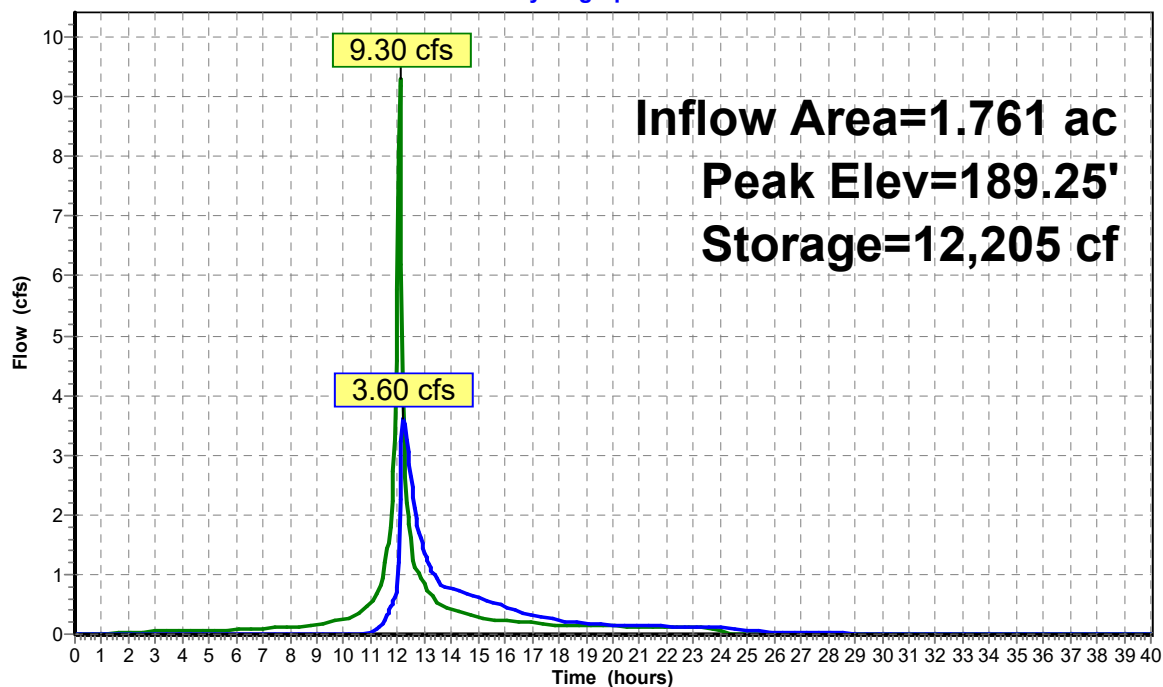
1=Culvert (Passes 3.59 cfs of 18.04 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.09 cfs @ 5.56 fps)
 3=Orifice/Grate (Orifice Controls 2.50 cfs @ 2.57 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-33: Basin #33
 Orifice/Grate



Pond B-33: Basin #33

Hydrograph



Hydrograph for Pond B-33: Basin #33

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	187.00	0.00
0.10	0.00	0	187.00	0.00
0.20	0.00	0	187.00	0.00
0.30	0.00	0	187.00	0.00
0.40	0.00	0	187.00	0.00
0.50	0.00	0	187.00	0.00
0.60	0.00	0	187.00	0.00
0.70	0.00	0	187.00	0.00
0.80	0.00	1	187.00	0.00
0.90	0.01	2	187.00	0.00
1.00	0.01	5	187.00	0.00
1.10	0.01	9	187.00	0.00
1.20	0.01	14	187.00	0.00
1.30	0.02	19	187.00	0.00
1.40	0.02	26	187.00	0.00
1.50	0.02	34	187.01	0.00
1.60	0.02	42	187.01	0.00
1.70	0.03	51	187.01	0.00
1.80	0.03	61	187.01	0.00
1.90	0.03	72	187.01	0.00
2.00	0.03	83	187.02	0.00
2.10	0.03	95	187.02	0.00
2.20	0.04	107	187.02	0.00
2.30	0.04	120	187.02	0.00
2.40	0.04	134	187.02	0.00
2.50	0.04	148	187.03	0.00
2.60	0.04	163	187.03	0.00
2.70	0.04	178	187.03	0.00
2.80	0.04	194	187.04	0.00
2.90	0.05	210	187.04	0.00
3.00	0.05	227	187.04	0.00
3.10	0.05	244	187.04	0.00
3.20	0.05	262	187.05	0.00
3.30	0.05	280	187.05	0.00
3.40	0.05	298	187.05	0.00
3.50	0.05	317	187.06	0.00
3.60	0.05	337	187.06	0.00
3.70	0.06	356	187.07	0.00
3.80	0.06	376	187.07	0.00
3.90	0.06	397	187.07	0.00
4.00	0.06	418	187.08	0.00
4.10	0.06	439	187.08	0.00
4.20	0.06	460	187.08	0.00
4.30	0.06	482	187.09	0.00
4.40	0.06	504	187.09	0.00
4.50	0.06	527	187.10	0.00
4.60	0.06	550	187.10	0.00
4.70	0.06	573	187.11	0.00
4.80	0.07	597	187.11	0.00
4.90	0.07	620	187.11	0.00
5.00	0.07	645	187.12	0.00
5.10	0.07	669	187.12	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	694	187.13	0.00
5.30	0.07	719	187.13	0.00
5.40	0.07	744	187.14	0.00
5.50	0.07	770	187.14	0.00
5.60	0.07	795	187.15	0.00
5.70	0.07	822	187.15	0.00
5.80	0.07	848	187.16	0.00
5.90	0.07	875	187.16	0.00
6.00	0.08	902	187.17	0.00
6.10	0.08	929	187.17	0.00
6.20	0.08	957	187.18	0.00
6.30	0.08	986	187.18	0.00
6.40	0.08	1,016	187.19	0.00
6.50	0.09	1,047	187.19	0.00
6.60	0.09	1,078	187.20	0.00
6.70	0.09	1,110	187.20	0.00
6.80	0.09	1,143	187.21	0.00
6.90	0.09	1,177	187.22	0.00
7.00	0.10	1,211	187.22	0.00
7.10	0.10	1,247	187.23	0.00
7.20	0.10	1,283	187.24	0.00
7.30	0.10	1,319	187.24	0.00
7.40	0.11	1,357	187.25	0.00
7.50	0.11	1,395	187.26	0.00
7.60	0.11	1,435	187.26	0.00
7.70	0.11	1,475	187.27	0.00
7.80	0.11	1,515	187.28	0.00
7.90	0.12	1,557	187.29	0.00
8.00	0.12	1,600	187.29	0.00
8.10	0.12	1,643	187.30	0.00
8.20	0.12	1,687	187.31	0.00
8.30	0.13	1,733	187.32	0.00
8.40	0.13	1,779	187.33	0.00
8.50	0.13	1,827	187.34	0.00
8.60	0.14	1,876	187.35	0.00
8.70	0.14	1,926	187.35	0.00
8.80	0.14	1,978	187.36	0.00
8.90	0.15	2,031	187.37	0.00
9.00	0.15	2,085	187.38	0.00
9.10	0.16	2,141	187.39	0.00
9.20	0.17	2,201	187.41	0.00
9.30	0.18	2,264	187.42	0.00
9.40	0.19	2,331	187.43	0.00
9.50	0.20	2,401	187.44	0.00
9.60	0.21	2,476	187.46	0.00
9.70	0.22	2,554	187.47	0.00
9.80	0.23	2,636	187.49	0.00
9.90	0.25	2,723	187.50	0.00
10.00	0.26	2,813	187.52	0.00
10.10	0.27	2,907	187.54	0.00
10.20	0.28	3,006	187.55	0.00
10.30	0.29	3,109	187.57	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.30	3,217	187.59	0.00
10.50	0.32	3,329	187.61	0.00
10.60	0.36	3,450	187.64	0.00
10.70	0.40	3,586	187.66	0.00
10.80	0.44	3,736	187.69	0.00
10.90	0.48	3,899	187.72	0.01
11.00	0.53	4,074	187.75	0.03
11.10	0.60	4,265	187.79	0.05
11.20	0.69	4,476	187.82	0.08
11.30	0.77	4,704	187.87	0.12
11.40	0.86	4,947	187.91	0.17
11.50	0.96	5,202	187.96	0.23
11.60	1.43	5,540	188.02	0.31
11.70	1.62	5,960	188.10	0.41
11.80	2.23	6,490	188.19	0.50
11.90	3.26	7,276	188.34	0.62
12.00	5.78	8,662	188.59	0.78
12.10	9.18	10,981	189.02	2.26
12.20	4.12	12,188	189.24	3.58
12.30	2.65	12,076	189.22	3.46
12.40	1.96	11,714	189.16	3.04
12.50	1.78	11,363	189.09	2.65
12.60	1.23	11,003	189.03	2.28
12.70	1.11	10,660	188.96	1.95
12.80	1.01	10,384	188.91	1.70
12.90	0.92	10,151	188.87	1.51
13.00	0.82	9,947	188.83	1.36
13.10	0.73	9,760	188.80	1.22
13.20	0.67	9,591	188.77	1.11
13.30	0.62	9,438	188.74	1.03
13.40	0.57	9,296	188.71	0.95
13.50	0.52	9,160	188.69	0.89
13.60	0.47	9,025	188.66	0.84
13.70	0.45	8,893	188.64	0.81
13.80	0.44	8,765	188.61	0.79
13.90	0.42	8,637	188.59	0.78
14.00	0.41	8,509	188.57	0.77
14.10	0.40	8,380	188.54	0.75
14.20	0.38	8,253	188.52	0.74
14.30	0.37	8,125	188.50	0.72
14.40	0.36	7,997	188.47	0.71
14.50	0.34	7,871	188.45	0.69
14.60	0.33	7,744	188.43	0.68
14.70	0.32	7,618	188.40	0.66
14.80	0.30	7,493	188.38	0.65
14.90	0.29	7,369	188.36	0.63
15.00	0.27	7,245	188.33	0.62
15.10	0.26	7,122	188.31	0.60
15.20	0.26	7,003	188.29	0.58
15.30	0.25	6,888	188.27	0.57
15.40	0.25	6,778	188.25	0.55
15.50	0.25	6,672	188.23	0.53

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.24	6,571	188.21	0.52
15.70	0.24	6,474	188.19	0.50
15.80	0.23	6,381	188.17	0.49
15.90	0.23	6,293	188.16	0.47
16.00	0.23	6,208	188.14	0.46
16.10	0.22	6,127	188.13	0.44
16.20	0.22	6,050	188.11	0.43
16.30	0.22	5,977	188.10	0.41
16.40	0.21	5,909	188.09	0.40
16.50	0.21	5,844	188.08	0.38
16.60	0.21	5,784	188.06	0.37
16.70	0.20	5,727	188.05	0.35
16.80	0.20	5,674	188.04	0.34
16.90	0.20	5,623	188.04	0.33
17.00	0.19	5,576	188.03	0.32
17.10	0.19	5,532	188.02	0.31
17.20	0.18	5,490	188.01	0.30
17.30	0.18	5,451	188.00	0.29
17.40	0.18	5,413	188.00	0.28
17.50	0.17	5,378	187.99	0.27
17.60	0.17	5,344	187.98	0.26
17.70	0.17	5,312	187.98	0.25
17.80	0.16	5,281	187.97	0.25
17.90	0.16	5,252	187.97	0.24
18.00	0.15	5,223	187.96	0.23
18.10	0.15	5,196	187.96	0.23
18.20	0.15	5,170	187.95	0.22
18.30	0.15	5,146	187.95	0.21
18.40	0.15	5,124	187.94	0.21
18.50	0.15	5,103	187.94	0.20
18.60	0.15	5,083	187.94	0.20
18.70	0.15	5,065	187.93	0.19
18.80	0.14	5,048	187.93	0.19
18.90	0.14	5,032	187.93	0.19
19.00	0.14	5,017	187.92	0.18
19.10	0.14	5,002	187.92	0.18
19.20	0.14	4,989	187.92	0.18
19.30	0.14	4,976	187.92	0.17
19.40	0.14	4,964	187.91	0.17
19.50	0.14	4,952	187.91	0.17
19.60	0.14	4,941	187.91	0.17
19.70	0.14	4,931	187.91	0.16
19.80	0.14	4,921	187.91	0.16
19.90	0.13	4,911	187.90	0.16
20.00	0.13	4,902	187.90	0.16
20.10	0.13	4,893	187.90	0.16
20.20	0.13	4,885	187.90	0.16
20.30	0.13	4,876	187.90	0.15
20.40	0.13	4,868	187.90	0.15
20.50	0.13	4,861	187.89	0.15
20.60	0.13	4,853	187.89	0.15
20.70	0.13	4,846	187.89	0.15

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	4,839	187.89	0.15
20.90	0.13	4,833	187.89	0.14
21.00	0.12	4,826	187.89	0.14
21.10	0.12	4,819	187.89	0.14
21.20	0.12	4,813	187.89	0.14
21.30	0.12	4,807	187.88	0.14
21.40	0.12	4,801	187.88	0.14
21.50	0.12	4,795	187.88	0.14
21.60	0.12	4,789	187.88	0.13
21.70	0.12	4,784	187.88	0.13
21.80	0.12	4,778	187.88	0.13
21.90	0.12	4,773	187.88	0.13
22.00	0.12	4,767	187.88	0.13
22.10	0.11	4,762	187.88	0.13
22.20	0.11	4,757	187.88	0.13
22.30	0.11	4,751	187.87	0.13
22.40	0.11	4,746	187.87	0.13
22.50	0.11	4,741	187.87	0.13
22.60	0.11	4,735	187.87	0.12
22.70	0.11	4,730	187.87	0.12
22.80	0.11	4,725	187.87	0.12
22.90	0.11	4,720	187.87	0.12
23.00	0.11	4,715	187.87	0.12
23.10	0.11	4,709	187.87	0.12
23.20	0.10	4,704	187.87	0.12
23.30	0.10	4,699	187.87	0.12
23.40	0.10	4,694	187.86	0.12
23.50	0.10	4,689	187.86	0.12
23.60	0.10	4,684	187.86	0.11
23.70	0.10	4,679	187.86	0.11
23.80	0.10	4,674	187.86	0.11
23.90	0.10	4,669	187.86	0.11
24.00	0.11	4,667	187.86	0.11
24.10	0.01	4,647	187.86	0.11
24.20	0.00	4,611	187.85	0.10
24.30	0.00	4,576	187.84	0.09
24.40	0.00	4,543	187.84	0.09
24.50	0.00	4,512	187.83	0.08
24.60	0.00	4,482	187.83	0.08
24.70	0.00	4,455	187.82	0.07
24.80	0.00	4,428	187.82	0.07
24.90	0.00	4,404	187.81	0.07
25.00	0.00	4,380	187.81	0.06
25.10	0.00	4,358	187.80	0.06
25.20	0.00	4,338	187.80	0.06
25.30	0.00	4,318	187.79	0.05
25.40	0.00	4,299	187.79	0.05
25.50	0.00	4,281	187.79	0.05
25.60	0.00	4,263	187.78	0.05
25.70	0.00	4,247	187.78	0.04
25.80	0.00	4,231	187.78	0.04
25.90	0.00	4,216	187.78	0.04

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,201	187.77	0.04
26.10	0.00	4,188	187.77	0.04
26.20	0.00	4,174	187.77	0.04
26.30	0.00	4,162	187.77	0.03
26.40	0.00	4,150	187.76	0.03
26.50	0.00	4,138	187.76	0.03
26.60	0.00	4,127	187.76	0.03
26.70	0.00	4,117	187.76	0.03
26.80	0.00	4,106	187.76	0.03
26.90	0.00	4,096	187.75	0.03
27.00	0.00	4,087	187.75	0.03
27.10	0.00	4,077	187.75	0.03
27.20	0.00	4,068	187.75	0.02
27.30	0.00	4,059	187.75	0.02
27.40	0.00	4,051	187.75	0.02
27.50	0.00	4,043	187.74	0.02
27.60	0.00	4,034	187.74	0.02
27.70	0.00	4,027	187.74	0.02
27.80	0.00	4,019	187.74	0.02
27.90	0.00	4,012	187.74	0.02
28.00	0.00	4,005	187.74	0.02
28.10	0.00	3,998	187.74	0.02
28.20	0.00	3,991	187.73	0.02
28.30	0.00	3,985	187.73	0.02
28.40	0.00	3,979	187.73	0.02
28.50	0.00	3,973	187.73	0.02
28.60	0.00	3,967	187.73	0.02
28.70	0.00	3,961	187.73	0.02
28.80	0.00	3,956	187.73	0.02
28.90	0.00	3,950	187.73	0.01
29.00	0.00	3,945	187.73	0.01
29.10	0.00	3,940	187.73	0.01
29.20	0.00	3,935	187.72	0.01
29.30	0.00	3,931	187.72	0.01
29.40	0.00	3,926	187.72	0.01
29.50	0.00	3,922	187.72	0.01
29.60	0.00	3,917	187.72	0.01
29.70	0.00	3,913	187.72	0.01
29.80	0.00	3,909	187.72	0.01
29.90	0.00	3,905	187.72	0.01
30.00	0.00	3,901	187.72	0.01
30.10	0.00	3,898	187.72	0.01
30.20	0.00	3,894	187.72	0.01
30.30	0.00	3,890	187.72	0.01
30.40	0.00	3,886	187.72	0.01
30.50	0.00	3,883	187.71	0.01
30.60	0.00	3,879	187.71	0.01
30.70	0.00	3,876	187.71	0.01
30.80	0.00	3,873	187.71	0.01
30.90	0.00	3,869	187.71	0.01
31.00	0.00	3,866	187.71	0.01
31.10	0.00	3,863	187.71	0.01

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,859	187.71	0.01
31.30	0.00	3,856	187.71	0.01
31.40	0.00	3,853	187.71	0.01
31.50	0.00	3,850	187.71	0.01
31.60	0.00	3,847	187.71	0.01
31.70	0.00	3,844	187.71	0.01
31.80	0.00	3,841	187.71	0.01
31.90	0.00	3,839	187.71	0.01
32.00	0.00	3,836	187.71	0.01
32.10	0.00	3,833	187.71	0.01
32.20	0.00	3,830	187.71	0.01
32.30	0.00	3,828	187.70	0.01
32.40	0.00	3,825	187.70	0.01
32.50	0.00	3,822	187.70	0.01
32.60	0.00	3,820	187.70	0.01
32.70	0.00	3,817	187.70	0.01
32.80	0.00	3,815	187.70	0.01
32.90	0.00	3,812	187.70	0.01
33.00	0.00	3,810	187.70	0.01
33.10	0.00	3,808	187.70	0.01
33.20	0.00	3,805	187.70	0.01
33.30	0.00	3,803	187.70	0.01
33.40	0.00	3,801	187.70	0.01
33.50	0.00	3,799	187.70	0.01
33.60	0.00	3,797	187.70	0.01
33.70	0.00	3,795	187.70	0.01
33.80	0.00	3,792	187.70	0.01
33.90	0.00	3,790	187.70	0.01
34.00	0.00	3,788	187.70	0.01
34.10	0.00	3,786	187.70	0.01
34.20	0.00	3,784	187.70	0.01
34.30	0.00	3,782	187.70	0.01
34.40	0.00	3,781	187.70	0.01
34.50	0.00	3,779	187.70	0.01
34.60	0.00	3,777	187.70	0.01
34.70	0.00	3,775	187.69	0.00
34.80	0.00	3,773	187.69	0.00
34.90	0.00	3,772	187.69	0.00
35.00	0.00	3,770	187.69	0.00
35.10	0.00	3,768	187.69	0.00
35.20	0.00	3,767	187.69	0.00
35.30	0.00	3,765	187.69	0.00
35.40	0.00	3,763	187.69	0.00
35.50	0.00	3,762	187.69	0.00
35.60	0.00	3,760	187.69	0.00
35.70	0.00	3,759	187.69	0.00
35.80	0.00	3,757	187.69	0.00
35.90	0.00	3,756	187.69	0.00
36.00	0.00	3,754	187.69	0.00
36.10	0.00	3,753	187.69	0.00
36.20	0.00	3,751	187.69	0.00
36.30	0.00	3,750	187.69	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,749	187.69	0.00
36.50	0.00	3,747	187.69	0.00
36.60	0.00	3,746	187.69	0.00
36.70	0.00	3,745	187.69	0.00
36.80	0.00	3,743	187.69	0.00
36.90	0.00	3,742	187.69	0.00
37.00	0.00	3,741	187.69	0.00
37.10	0.00	3,740	187.69	0.00
37.20	0.00	3,738	187.69	0.00
37.30	0.00	3,737	187.69	0.00
37.40	0.00	3,736	187.69	0.00
37.50	0.00	3,735	187.69	0.00
37.60	0.00	3,734	187.69	0.00
37.70	0.00	3,733	187.69	0.00
37.80	0.00	3,732	187.69	0.00
37.90	0.00	3,731	187.69	0.00
38.00	0.00	3,730	187.69	0.00
38.10	0.00	3,729	187.69	0.00
38.20	0.00	3,728	187.69	0.00
38.30	0.00	3,727	187.69	0.00
38.40	0.00	3,726	187.69	0.00
38.50	0.00	3,725	187.69	0.00
38.60	0.00	3,724	187.69	0.00
38.70	0.00	3,723	187.69	0.00
38.80	0.00	3,722	187.69	0.00
38.90	0.00	3,721	187.68	0.00
39.00	0.00	3,720	187.68	0.00
39.10	0.00	3,719	187.68	0.00
39.20	0.00	3,718	187.68	0.00
39.30	0.00	3,717	187.68	0.00
39.40	0.00	3,717	187.68	0.00
39.50	0.00	3,716	187.68	0.00
39.60	0.00	3,715	187.68	0.00
39.70	0.00	3,714	187.68	0.00
39.80	0.00	3,713	187.68	0.00
39.90	0.00	3,713	187.68	0.00
40.00	0.00	3,712	187.68	0.00

Stage-Discharge for Pond B-33: Basin #33

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
187.00	0.00	187.52	0.00	188.04	0.34	188.56	0.76
187.01	0.00	187.53	0.00	188.05	0.35	188.57	0.77
187.02	0.00	187.54	0.00	188.06	0.36	188.58	0.77
187.03	0.00	187.55	0.00	188.07	0.38	188.59	0.78
187.04	0.00	187.56	0.00	188.08	0.39	188.60	0.79
187.05	0.00	187.57	0.00	188.09	0.40	188.61	0.79
187.06	0.00	187.58	0.00	188.10	0.41	188.62	0.80
187.07	0.00	187.59	0.00	188.11	0.43	188.63	0.80
187.08	0.00	187.60	0.00	188.12	0.44	188.64	0.81
187.09	0.00	187.61	0.00	188.13	0.45	188.65	0.82
187.10	0.00	187.62	0.00	188.14	0.46	188.66	0.83
187.11	0.00	187.63	0.00	188.15	0.47	188.67	0.85
187.12	0.00	187.64	0.00	188.16	0.47	188.68	0.87
187.13	0.00	187.65	0.00	188.17	0.48	188.69	0.89
187.14	0.00	187.66	0.00	188.18	0.49	188.70	0.92
187.15	0.00	187.67	0.00	188.19	0.50	188.71	0.94
187.16	0.00	187.68	0.00	188.20	0.51	188.72	0.97
187.17	0.00	187.69	0.00	188.21	0.52	188.73	1.00
187.18	0.00	187.70	0.01	188.22	0.53	188.74	1.03
187.19	0.00	187.71	0.01	188.23	0.53	188.75	1.06
187.20	0.00	187.72	0.01	188.24	0.54	188.76	1.09
187.21	0.00	187.73	0.02	188.25	0.55	188.77	1.13
187.22	0.00	187.74	0.02	188.26	0.56	188.78	1.16
187.23	0.00	187.75	0.02	188.27	0.57	188.79	1.20
187.24	0.00	187.76	0.03	188.28	0.58	188.80	1.23
187.25	0.00	187.77	0.04	188.29	0.58	188.81	1.27
187.26	0.00	187.78	0.04	188.30	0.59	188.82	1.31
187.27	0.00	187.79	0.05	188.31	0.60	188.83	1.35
187.28	0.00	187.80	0.06	188.32	0.61	188.84	1.39
187.29	0.00	187.81	0.07	188.33	0.61	188.85	1.43
187.30	0.00	187.82	0.07	188.34	0.62	188.86	1.47
187.31	0.00	187.83	0.08	188.35	0.63	188.87	1.52
187.32	0.00	187.84	0.09	188.36	0.63	188.88	1.56
187.33	0.00	187.85	0.10	188.37	0.64	188.89	1.60
187.34	0.00	187.86	0.11	188.38	0.65	188.90	1.65
187.35	0.00	187.87	0.12	188.39	0.66	188.91	1.70
187.36	0.00	187.88	0.13	188.40	0.66	188.92	1.74
187.37	0.00	187.89	0.14	188.41	0.67	188.93	1.79
187.38	0.00	187.90	0.16	188.42	0.68	188.94	1.84
187.39	0.00	187.91	0.17	188.43	0.68	188.95	1.89
187.40	0.00	187.92	0.18	188.44	0.69	188.96	1.94
187.41	0.00	187.93	0.19	188.45	0.69	188.97	1.99
187.42	0.00	187.94	0.20	188.46	0.70	188.98	2.04
187.43	0.00	187.95	0.22	188.47	0.71	188.99	2.09
187.44	0.00	187.96	0.23	188.48	0.71	189.00	2.14
187.45	0.00	187.97	0.24	188.49	0.72	189.01	2.20
187.46	0.00	187.98	0.26	188.50	0.73	189.02	2.25
187.47	0.00	187.99	0.27	188.51	0.73	189.03	2.30
187.48	0.00	188.00	0.28	188.52	0.74	189.04	2.36
187.49	0.00	188.01	0.30	188.53	0.74	189.05	2.41
187.50	0.00	188.02	0.31	188.54	0.75	189.06	2.47
187.51	0.00	188.03	0.32	188.55	0.76	189.07	2.53

Stage-Discharge for Pond B-33: Basin #33 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.08	2.58	189.60	5.02	190.12	7.04	190.64	20.33
189.09	2.64	189.61	5.06	190.13	7.13	190.65	21.17
189.10	2.70	189.62	5.09	190.14	7.23	190.66	22.04
189.11	2.76	189.63	5.12	190.15	7.32	190.67	22.94
189.12	2.82	189.64	5.15	190.16	7.42	190.68	23.85
189.13	2.88	189.65	5.19	190.17	7.53	190.69	24.79
189.14	2.94	189.66	5.22	190.18	7.63	190.70	25.75
189.15	3.00	189.67	5.25	190.19	7.74	190.71	26.78
189.16	3.06	189.68	5.28	190.20	7.85	190.72	27.83
189.17	3.13	189.69	5.31	190.21	7.96	190.73	28.90
189.18	3.19	189.70	5.34	190.22	8.07	190.74	30.00
189.19	3.25	189.71	5.37	190.23	8.19	190.75	31.13
189.20	3.32	189.72	5.40	190.24	8.31	190.76	32.28
189.21	3.38	189.73	5.43	190.25	8.42	190.77	33.46
189.22	3.45	189.74	5.46	190.26	8.55	190.78	34.67
189.23	3.51	189.75	5.49	190.27	8.67	190.79	35.90
189.24	3.57	189.76	5.52	190.28	8.79	190.80	37.15
189.25	3.62	189.77	5.55	190.29	8.92	190.81	38.43
189.26	3.67	189.78	5.58	190.30	9.04	190.82	39.74
189.27	3.72	189.79	5.61	190.31	9.17	190.83	41.07
189.28	3.77	189.80	5.64	190.32	9.30	190.84	42.43
189.29	3.82	189.81	5.67	190.33	9.43	190.85	43.81
189.30	3.87	189.82	5.70	190.34	9.57	190.86	45.22
189.31	3.92	189.83	5.73	190.35	9.70	190.87	46.65
189.32	3.96	189.84	5.76	190.36	9.84	190.88	48.10
189.33	4.01	189.85	5.78	190.37	9.98	190.89	49.59
189.34	4.05	189.86	5.81	190.38	10.12	190.90	51.09
189.35	4.09	189.87	5.84	190.39	10.26	190.91	52.65
189.36	4.14	189.88	5.87	190.40	10.40	190.92	54.23
189.37	4.18	189.89	5.89	190.41	10.54	190.93	55.85
189.38	4.22	189.90	5.92	190.42	10.69	190.94	57.48
189.39	4.26	189.91	5.95	190.43	10.83	190.95	59.15
189.40	4.30	189.92	5.98	190.44	10.98	190.96	60.84
189.41	4.34	189.93	6.00	190.45	11.13	190.97	62.56
189.42	4.38	189.94	6.03	190.46	11.28	190.98	64.31
189.43	4.42	189.95	6.06	190.47	11.43	190.99	66.08
189.44	4.46	189.96	6.08	190.48	11.58	191.00	67.88
189.45	4.50	189.97	6.11	190.49	11.73		
189.46	4.53	189.98	6.14	190.50	11.88		
189.47	4.57	189.99	6.16	190.51	12.16		
189.48	4.61	190.00	6.19	190.52	12.53		
189.49	4.64	190.01	6.23	190.53	12.96		
189.50	4.68	190.02	6.28	190.54	13.45		
189.51	4.72	190.03	6.34	190.55	13.98		
189.52	4.75	190.04	6.40	190.56	14.56		
189.53	4.79	190.05	6.47	190.57	15.17		
189.54	4.82	190.06	6.54	190.58	15.81		
189.55	4.86	190.07	6.61	190.59	16.49		
189.56	4.89	190.08	6.69	190.60	17.20		
189.57	4.92	190.09	6.77	190.61	17.94		
189.58	4.96	190.10	6.86	190.62	18.71		
189.59	4.99	190.11	6.95	190.63	19.51		

Stage-Area-Storage for Pond B-33: Basin #33

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.00	5,432	0	187.52	5,432	2,825
187.01	5,432	54	187.53	5,432	2,879
187.02	5,432	109	187.54	5,432	2,933
187.03	5,432	163	187.55	5,432	2,988
187.04	5,432	217	187.56	5,432	3,042
187.05	5,432	272	187.57	5,432	3,096
187.06	5,432	326	187.58	5,432	3,151
187.07	5,432	380	187.59	5,432	3,205
187.08	5,432	435	187.60	5,432	3,259
187.09	5,432	489	187.61	5,432	3,314
187.10	5,432	543	187.62	5,432	3,368
187.11	5,432	598	187.63	5,432	3,422
187.12	5,432	652	187.64	5,432	3,476
187.13	5,432	706	187.65	5,432	3,531
187.14	5,432	760	187.66	5,432	3,585
187.15	5,432	815	187.67	5,432	3,639
187.16	5,432	869	187.68	5,432	3,694
187.17	5,432	923	187.69	5,432	3,748
187.18	5,432	978	187.70	5,432	3,802
187.19	5,432	1,032	187.71	5,432	3,857
187.20	5,432	1,086	187.72	5,432	3,911
187.21	5,432	1,141	187.73	5,432	3,965
187.22	5,432	1,195	187.74	5,432	4,020
187.23	5,432	1,249	187.75	5,432	4,074
187.24	5,432	1,304	187.76	5,432	4,128
187.25	5,432	1,358	187.77	5,432	4,183
187.26	5,432	1,412	187.78	5,432	4,237
187.27	5,432	1,467	187.79	5,432	4,291
187.28	5,432	1,521	187.80	5,432	4,346
187.29	5,432	1,575	187.81	5,432	4,400
187.30	5,432	1,630	187.82	5,432	4,454
187.31	5,432	1,684	187.83	5,432	4,509
187.32	5,432	1,738	187.84	5,432	4,563
187.33	5,432	1,793	187.85	5,432	4,617
187.34	5,432	1,847	187.86	5,432	4,672
187.35	5,432	1,901	187.87	5,432	4,726
187.36	5,432	1,956	187.88	5,432	4,780
187.37	5,432	2,010	187.89	5,432	4,834
187.38	5,432	2,064	187.90	5,432	4,889
187.39	5,432	2,118	187.91	5,432	4,943
187.40	5,432	2,173	187.92	5,432	4,997
187.41	5,432	2,227	187.93	5,432	5,052
187.42	5,432	2,281	187.94	5,432	5,106
187.43	5,432	2,336	187.95	5,432	5,160
187.44	5,432	2,390	187.96	5,432	5,215
187.45	5,432	2,444	187.97	5,432	5,269
187.46	5,432	2,499	187.98	5,432	5,323
187.47	5,432	2,553	187.99	5,432	5,378
187.48	5,432	2,607	188.00	5,432	5,432
187.49	5,432	2,662	188.01	5,432	5,486
187.50	5,432	2,716	188.02	5,432	5,541
187.51	5,432	2,770	188.03	5,432	5,595

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.04	5,432	5,649	188.56	5,432	8,474
188.05	5,432	5,704	188.57	5,432	8,528
188.06	5,432	5,758	188.58	5,432	8,583
188.07	5,432	5,812	188.59	5,432	8,637
188.08	5,432	5,867	188.60	5,432	8,691
188.09	5,432	5,921	188.61	5,432	8,746
188.10	5,432	5,975	188.62	5,432	8,800
188.11	5,432	6,030	188.63	5,432	8,854
188.12	5,432	6,084	188.64	5,432	8,908
188.13	5,432	6,138	188.65	5,432	8,963
188.14	5,432	6,192	188.66	5,432	9,017
188.15	5,432	6,247	188.67	5,432	9,071
188.16	5,432	6,301	188.68	5,432	9,126
188.17	5,432	6,355	188.69	5,432	9,180
188.18	5,432	6,410	188.70	5,432	9,234
188.19	5,432	6,464	188.71	5,432	9,289
188.20	5,432	6,518	188.72	5,432	9,343
188.21	5,432	6,573	188.73	5,432	9,397
188.22	5,432	6,627	188.74	5,432	9,452
188.23	5,432	6,681	188.75	5,432	9,506
188.24	5,432	6,736	188.76	5,432	9,560
188.25	5,432	6,790	188.77	5,432	9,615
188.26	5,432	6,844	188.78	5,432	9,669
188.27	5,432	6,899	188.79	5,432	9,723
188.28	5,432	6,953	188.80	5,432	9,778
188.29	5,432	7,007	188.81	5,432	9,832
188.30	5,432	7,062	188.82	5,432	9,886
188.31	5,432	7,116	188.83	5,432	9,941
188.32	5,432	7,170	188.84	5,432	9,995
188.33	5,432	7,225	188.85	5,432	10,049
188.34	5,432	7,279	188.86	5,432	10,104
188.35	5,432	7,333	188.87	5,432	10,158
188.36	5,432	7,388	188.88	5,432	10,212
188.37	5,432	7,442	188.89	5,432	10,266
188.38	5,432	7,496	188.90	5,432	10,321
188.39	5,432	7,550	188.91	5,432	10,375
188.40	5,432	7,605	188.92	5,432	10,429
188.41	5,432	7,659	188.93	5,432	10,484
188.42	5,432	7,713	188.94	5,432	10,538
188.43	5,432	7,768	188.95	5,432	10,592
188.44	5,432	7,822	188.96	5,432	10,647
188.45	5,432	7,876	188.97	5,432	10,701
188.46	5,432	7,931	188.98	5,432	10,755
188.47	5,432	7,985	188.99	5,432	10,810
188.48	5,432	8,039	189.00	5,432	10,864
188.49	5,432	8,094	189.01	5,432	10,918
188.50	5,432	8,148	189.02	5,432	10,973
188.51	5,432	8,202	189.03	5,432	11,027
188.52	5,432	8,257	189.04	5,432	11,081
188.53	5,432	8,311	189.05	5,432	11,136
188.54	5,432	8,365	189.06	5,432	11,190
188.55	5,432	8,420	189.07	5,432	11,244

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.08	5,432	11,299	189.60	5,432	14,123
189.09	5,432	11,353	189.61	5,432	14,178
189.10	5,432	11,407	189.62	5,432	14,232
189.11	5,432	11,462	189.63	5,432	14,286
189.12	5,432	11,516	189.64	5,432	14,340
189.13	5,432	11,570	189.65	5,432	14,395
189.14	5,432	11,624	189.66	5,432	14,449
189.15	5,432	11,679	189.67	5,432	14,503
189.16	5,432	11,733	189.68	5,432	14,558
189.17	5,432	11,787	189.69	5,432	14,612
189.18	5,432	11,842	189.70	5,432	14,666
189.19	5,432	11,896	189.71	5,432	14,721
189.20	5,432	11,950	189.72	5,432	14,775
189.21	5,432	12,005	189.73	5,432	14,829
189.22	5,432	12,059	189.74	5,432	14,884
189.23	5,432	12,113	189.75	5,432	14,938
189.24	5,432	12,168	189.76	5,432	14,992
189.25	5,432	12,222	189.77	5,432	15,047
189.26	5,432	12,276	189.78	5,432	15,101
189.27	5,432	12,331	189.79	5,432	15,155
189.28	5,432	12,385	189.80	5,432	15,210
189.29	5,432	12,439	189.81	5,432	15,264
189.30	5,432	12,494	189.82	5,432	15,318
189.31	5,432	12,548	189.83	5,432	15,373
189.32	5,432	12,602	189.84	5,432	15,427
189.33	5,432	12,657	189.85	5,432	15,481
189.34	5,432	12,711	189.86	5,432	15,536
189.35	5,432	12,765	189.87	5,432	15,590
189.36	5,432	12,820	189.88	5,432	15,644
189.37	5,432	12,874	189.89	5,432	15,698
189.38	5,432	12,928	189.90	5,432	15,753
189.39	5,432	12,982	189.91	5,432	15,807
189.40	5,432	13,037	189.92	5,432	15,861
189.41	5,432	13,091	189.93	5,432	15,916
189.42	5,432	13,145	189.94	5,432	15,970
189.43	5,432	13,200	189.95	5,432	16,024
189.44	5,432	13,254	189.96	5,432	16,079
189.45	5,432	13,308	189.97	5,432	16,133
189.46	5,432	13,363	189.98	5,432	16,187
189.47	5,432	13,417	189.99	5,432	16,242
189.48	5,432	13,471	190.00	5,432	16,296
189.49	5,432	13,526	190.01	5,432	16,350
189.50	5,432	13,580	190.02	5,432	16,405
189.51	5,432	13,634	190.03	5,432	16,459
189.52	5,432	13,689	190.04	5,432	16,513
189.53	5,432	13,743	190.05	5,432	16,568
189.54	5,432	13,797	190.06	5,432	16,622
189.55	5,432	13,852	190.07	5,432	16,676
189.56	5,432	13,906	190.08	5,432	16,731
189.57	5,432	13,960	190.09	5,432	16,785
189.58	5,432	14,015	190.10	5,432	16,839
189.59	5,432	14,069	190.11	5,432	16,894

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.12	5,432	16,948	190.64	5,432	19,772
190.13	5,432	17,002	190.65	5,432	19,827
190.14	5,432	17,056	190.66	5,432	19,881
190.15	5,432	17,111	190.67	5,432	19,935
190.16	5,432	17,165	190.68	5,432	19,990
190.17	5,432	17,219	190.69	5,432	20,044
190.18	5,432	17,274	190.70	5,432	20,098
190.19	5,432	17,328	190.71	5,432	20,153
190.20	5,432	17,382	190.72	5,432	20,207
190.21	5,432	17,437	190.73	5,432	20,261
190.22	5,432	17,491	190.74	5,432	20,316
190.23	5,432	17,545	190.75	5,432	20,370
190.24	5,432	17,600	190.76	5,432	20,424
190.25	5,432	17,654	190.77	5,432	20,479
190.26	5,432	17,708	190.78	5,432	20,533
190.27	5,432	17,763	190.79	5,432	20,587
190.28	5,432	17,817	190.80	5,432	20,642
190.29	5,432	17,871	190.81	5,432	20,696
190.30	5,432	17,926	190.82	5,432	20,750
190.31	5,432	17,980	190.83	5,432	20,805
190.32	5,432	18,034	190.84	5,432	20,859
190.33	5,432	18,089	190.85	5,432	20,913
190.34	5,432	18,143	190.86	5,432	20,968
190.35	5,432	18,197	190.87	5,432	21,022
190.36	5,432	18,252	190.88	5,432	21,076
190.37	5,432	18,306	190.89	5,432	21,130
190.38	5,432	18,360	190.90	5,432	21,185
190.39	5,432	18,414	190.91	5,432	21,239
190.40	5,432	18,469	190.92	5,432	21,293
190.41	5,432	18,523	190.93	5,432	21,348
190.42	5,432	18,577	190.94	5,432	21,402
190.43	5,432	18,632	190.95	5,432	21,456
190.44	5,432	18,686	190.96	5,432	21,511
190.45	5,432	18,740	190.97	5,432	21,565
190.46	5,432	18,795	190.98	5,432	21,619
190.47	5,432	18,849	190.99	5,432	21,674
190.48	5,432	18,903	191.00	5,432	21,728
190.49	5,432	18,958			
190.50	5,432	19,012			
190.51	5,432	19,066			
190.52	5,432	19,121			
190.53	5,432	19,175			
190.54	5,432	19,229			
190.55	5,432	19,284			
190.56	5,432	19,338			
190.57	5,432	19,392			
190.58	5,432	19,447			
190.59	5,432	19,501			
190.60	5,432	19,555			
190.61	5,432	19,610			
190.62	5,432	19,664			
190.63	5,432	19,718			

Summary for Pond B-34: Basin #34

Inflow Area = 1.779 ac, 23.66% Impervious, Inflow Depth = 3.63" for Future 10 yr event
 Inflow = 7.74 cfs @ 12.09 hrs, Volume= 0.538 af
 Outflow = 0.20 cfs @ 16.42 hrs, Volume= 0.390 af, Atten= 97%, Lag= 259.8 min
 Primary = 0.20 cfs @ 16.42 hrs, Volume= 0.390 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.83' @ 16.42 hrs Surf.Area= 9,057 sf Storage= 16,618 cf

Plug-Flow detention time= 767.4 min calculated for 0.390 af (72% of inflow)
 Center-of-Mass det. time= 671.2 min (1,470.8 - 799.7)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	36,228 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	9,057	0	0
192.00	9,057	9,057	9,057
193.00	9,057	9,057	18,114
194.00	9,057	9,057	27,171
195.00	9,057	9,057	36,228

Device	Routing	Invert	Outlet Devices
#1	Primary	189.65'	18.0" Round Culvert L= 100.0' Ke= 0.500 Inlet / Outlet Invert= 189.65' / 189.15' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.21'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.15'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

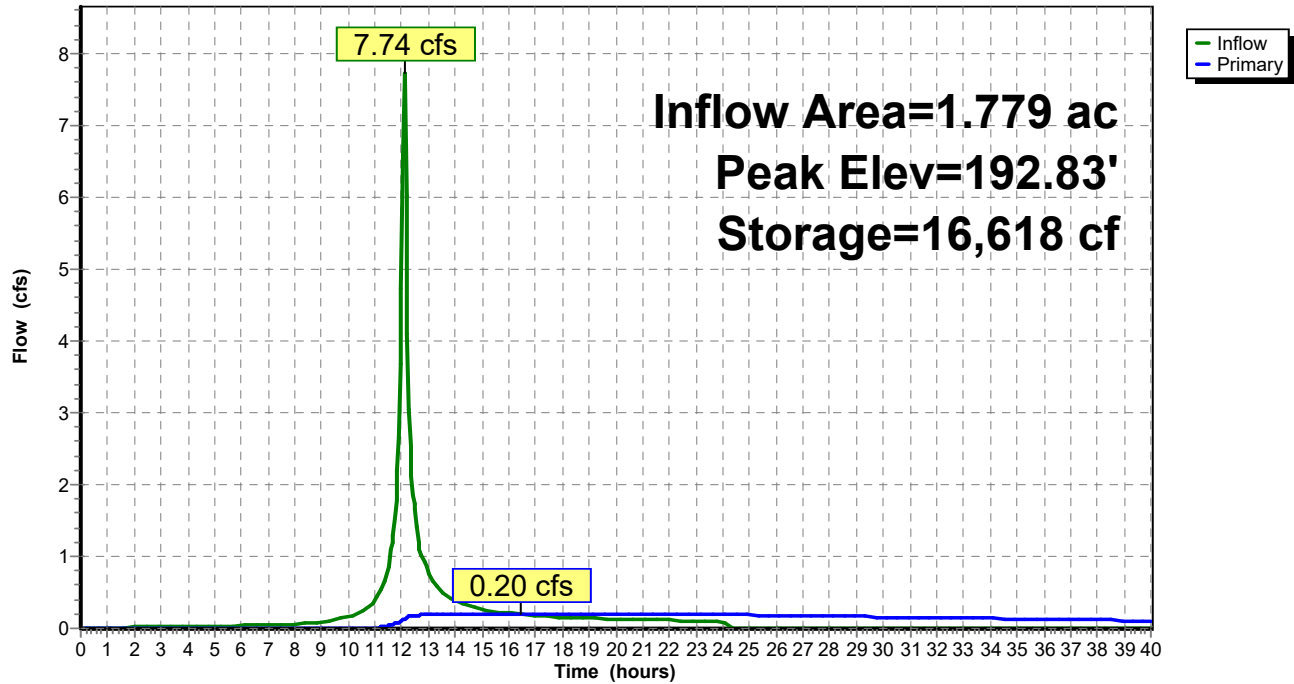
Primary OutFlow Max=0.20 cfs @ 16.42 hrs HW=192.83' (Free Discharge)

- 1=Culvert (Passes 0.20 cfs of 11.49 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.94 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-34: Basin #34

Hydrograph



Hydrograph for Pond B-34: Basin #34

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	1	191.00	0.00
0.90	0.00	2	191.00	0.00
1.00	0.01	3	191.00	0.00
1.10	0.01	5	191.00	0.00
1.20	0.01	8	191.00	0.00
1.30	0.01	11	191.00	0.00
1.40	0.01	14	191.00	0.00
1.50	0.01	18	191.00	0.00
1.60	0.01	22	191.00	0.00
1.70	0.01	26	191.00	0.00
1.80	0.01	31	191.00	0.00
1.90	0.01	36	191.00	0.00
2.00	0.02	42	191.00	0.00
2.10	0.02	47	191.01	0.00
2.20	0.02	53	191.01	0.00
2.30	0.02	60	191.01	0.00
2.40	0.02	66	191.01	0.00
2.50	0.02	73	191.01	0.00
2.60	0.02	80	191.01	0.00
2.70	0.02	87	191.01	0.00
2.80	0.02	95	191.01	0.00
2.90	0.02	103	191.01	0.00
3.00	0.02	111	191.01	0.00
3.10	0.02	119	191.01	0.00
3.20	0.02	127	191.01	0.00
3.30	0.02	136	191.01	0.00
3.40	0.02	144	191.02	0.00
3.50	0.03	153	191.02	0.00
3.60	0.03	163	191.02	0.00
3.70	0.03	172	191.02	0.00
3.80	0.03	181	191.02	0.00
3.90	0.03	191	191.02	0.00
4.00	0.03	201	191.02	0.00
4.10	0.03	211	191.02	0.00
4.20	0.03	221	191.02	0.00
4.30	0.03	232	191.03	0.00
4.40	0.03	242	191.03	0.00
4.50	0.03	253	191.03	0.00
4.60	0.03	263	191.03	0.00
4.70	0.03	274	191.03	0.00
4.80	0.03	286	191.03	0.00
4.90	0.03	297	191.03	0.00
5.00	0.03	308	191.03	0.00
5.10	0.03	320	191.04	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	331	191.04	0.00
5.30	0.03	343	191.04	0.00
5.40	0.03	355	191.04	0.00
5.50	0.03	367	191.04	0.00
5.60	0.03	379	191.04	0.00
5.70	0.03	392	191.04	0.00
5.80	0.03	404	191.04	0.00
5.90	0.04	417	191.05	0.00
6.00	0.04	429	191.05	0.00
6.10	0.04	443	191.05	0.00
6.20	0.04	456	191.05	0.00
6.30	0.04	470	191.05	0.00
6.40	0.04	484	191.05	0.00
6.50	0.04	498	191.06	0.00
6.60	0.04	513	191.06	0.00
6.70	0.04	529	191.06	0.00
6.80	0.04	544	191.06	0.00
6.90	0.04	560	191.06	0.00
7.00	0.05	576	191.06	0.00
7.10	0.05	593	191.07	0.00
7.20	0.05	610	191.07	0.00
7.30	0.05	628	191.07	0.00
7.40	0.05	646	191.07	0.00
7.50	0.05	664	191.07	0.00
7.60	0.05	682	191.08	0.00
7.70	0.05	701	191.08	0.00
7.80	0.05	721	191.08	0.00
7.90	0.06	740	191.08	0.00
8.00	0.06	760	191.08	0.00
8.10	0.06	781	191.09	0.00
8.20	0.06	802	191.09	0.00
8.30	0.06	824	191.09	0.00
8.40	0.06	847	191.09	0.00
8.50	0.07	871	191.10	0.00
8.60	0.07	896	191.10	0.00
8.70	0.07	922	191.10	0.00
8.80	0.08	948	191.10	0.00
8.90	0.08	977	191.11	0.00
9.00	0.08	1,006	191.11	0.00
9.10	0.09	1,037	191.11	0.00
9.20	0.10	1,070	191.12	0.00
9.30	0.10	1,106	191.12	0.00
9.40	0.11	1,145	191.13	0.00
9.50	0.12	1,186	191.13	0.00
9.60	0.13	1,230	191.14	0.00
9.70	0.13	1,277	191.14	0.00
9.80	0.14	1,327	191.15	0.00
9.90	0.15	1,380	191.15	0.00
10.00	0.16	1,437	191.16	0.00
10.10	0.17	1,496	191.17	0.00
10.20	0.18	1,560	191.17	0.00
10.30	0.19	1,626	191.18	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.20	1,697	191.19	0.00
10.50	0.21	1,771	191.20	0.00
10.60	0.24	1,854	191.20	0.00
10.70	0.27	1,946	191.21	0.00
10.80	0.30	2,050	191.23	0.00
10.90	0.34	2,166	191.24	0.00
11.00	0.38	2,294	191.25	0.00
11.10	0.44	2,439	191.27	0.01
11.20	0.50	2,606	191.29	0.01
11.30	0.57	2,795	191.31	0.02
11.40	0.65	3,008	191.33	0.02
11.50	0.74	3,245	191.36	0.03
11.60	1.10	3,568	191.39	0.05
11.70	1.28	3,977	191.44	0.06
11.80	1.78	4,507	191.50	0.07
11.90	2.66	5,276	191.58	0.08
12.00	4.74	6,571	191.73	0.11
12.10	7.72	8,837	191.98	0.13
12.20	4.11	10,934	192.21	0.16
12.30	2.53	12,023	192.33	0.17
12.40	1.86	12,740	192.41	0.17
12.50	1.66	13,309	192.47	0.18
12.60	1.19	13,756	192.52	0.18
12.70	1.04	14,087	192.56	0.18
12.80	0.95	14,379	192.59	0.19
12.90	0.87	14,639	192.62	0.19
13.00	0.78	14,867	192.64	0.19
13.10	0.69	15,062	192.66	0.19
13.20	0.64	15,231	192.68	0.19
13.30	0.59	15,382	192.70	0.19
13.40	0.54	15,515	192.71	0.19
13.50	0.49	15,630	192.73	0.20
13.60	0.45	15,728	192.74	0.20
13.70	0.43	15,814	192.75	0.20
13.80	0.41	15,894	192.75	0.20
13.90	0.40	15,970	192.76	0.20
14.00	0.39	16,040	192.77	0.20
14.10	0.38	16,107	192.78	0.20
14.20	0.36	16,168	192.79	0.20
14.30	0.35	16,225	192.79	0.20
14.40	0.34	16,277	192.80	0.20
14.50	0.33	16,324	192.80	0.20
14.60	0.31	16,367	192.81	0.20
14.70	0.30	16,405	192.81	0.20
14.80	0.29	16,438	192.81	0.20
14.90	0.27	16,467	192.82	0.20
15.00	0.26	16,490	192.82	0.20
15.10	0.25	16,510	192.82	0.20
15.20	0.24	16,526	192.82	0.20
15.30	0.24	16,540	192.83	0.20
15.40	0.24	16,553	192.83	0.20
15.50	0.23	16,565	192.83	0.20

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.23	16,576	192.83	0.20
15.70	0.23	16,586	192.83	0.20
15.80	0.22	16,594	192.83	0.20
15.90	0.22	16,601	192.83	0.20
16.00	0.22	16,607	192.83	0.20
16.10	0.21	16,611	192.83	0.20
16.20	0.21	16,615	192.83	0.20
16.30	0.21	16,617	192.83	0.20
16.40	0.20	16,618	192.83	0.20
16.50	0.20	16,617	192.83	0.20
16.60	0.20	16,616	192.83	0.20
16.70	0.19	16,613	192.83	0.20
16.80	0.19	16,609	192.83	0.20
16.90	0.19	16,604	192.83	0.20
17.00	0.18	16,597	192.83	0.20
17.10	0.18	16,590	192.83	0.20
17.20	0.18	16,581	192.83	0.20
17.30	0.17	16,571	192.83	0.20
17.40	0.17	16,559	192.83	0.20
17.50	0.17	16,547	192.83	0.20
17.60	0.16	16,533	192.83	0.20
17.70	0.16	16,518	192.82	0.20
17.80	0.16	16,502	192.82	0.20
17.90	0.15	16,485	192.82	0.20
18.00	0.15	16,466	192.82	0.20
18.10	0.14	16,446	192.82	0.20
18.20	0.14	16,426	192.81	0.20
18.30	0.14	16,405	192.81	0.20
18.40	0.14	16,384	192.81	0.20
18.50	0.14	16,362	192.81	0.20
18.60	0.14	16,341	192.80	0.20
18.70	0.14	16,319	192.80	0.20
18.80	0.14	16,296	192.80	0.20
18.90	0.14	16,274	192.80	0.20
19.00	0.14	16,251	192.79	0.20
19.10	0.14	16,229	192.79	0.20
19.20	0.13	16,206	192.79	0.20
19.30	0.13	16,182	192.79	0.20
19.40	0.13	16,159	192.78	0.20
19.50	0.13	16,135	192.78	0.20
19.60	0.13	16,111	192.78	0.20
19.70	0.13	16,086	192.78	0.20
19.80	0.13	16,062	192.77	0.20
19.90	0.13	16,037	192.77	0.20
20.00	0.13	16,012	192.77	0.20
20.10	0.13	15,987	192.77	0.20
20.20	0.13	15,961	192.76	0.20
20.30	0.13	15,936	192.76	0.20
20.40	0.12	15,910	192.76	0.20
20.50	0.12	15,883	192.75	0.20
20.60	0.12	15,857	192.75	0.20
20.70	0.12	15,830	192.75	0.20

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.12	15,803	192.74	0.20
20.90	0.12	15,776	192.74	0.20
21.00	0.12	15,749	192.74	0.20
21.10	0.12	15,721	192.74	0.20
21.20	0.12	15,693	192.73	0.20
21.30	0.12	15,665	192.73	0.20
21.40	0.12	15,637	192.73	0.20
21.50	0.11	15,608	192.72	0.19
21.60	0.11	15,579	192.72	0.19
21.70	0.11	15,550	192.72	0.19
21.80	0.11	15,521	192.71	0.19
21.90	0.11	15,492	192.71	0.19
22.00	0.11	15,462	192.71	0.19
22.10	0.11	15,432	192.70	0.19
22.20	0.11	15,402	192.70	0.19
22.30	0.11	15,371	192.70	0.19
22.40	0.11	15,340	192.69	0.19
22.50	0.11	15,309	192.69	0.19
22.60	0.11	15,278	192.69	0.19
22.70	0.10	15,247	192.68	0.19
22.80	0.10	15,216	192.68	0.19
22.90	0.10	15,184	192.68	0.19
23.00	0.10	15,152	192.67	0.19
23.10	0.10	15,119	192.67	0.19
23.20	0.10	15,087	192.67	0.19
23.30	0.10	15,054	192.66	0.19
23.40	0.10	15,021	192.66	0.19
23.50	0.10	14,988	192.65	0.19
23.60	0.10	14,955	192.65	0.19
23.70	0.10	14,921	192.65	0.19
23.80	0.09	14,887	192.64	0.19
23.90	0.10	14,853	192.64	0.19
24.00	0.11	14,822	192.64	0.19
24.10	0.02	14,777	192.63	0.19
24.20	0.00	14,712	192.62	0.19
24.30	0.00	14,645	192.62	0.19
24.40	0.00	14,577	192.61	0.19
24.50	0.00	14,510	192.60	0.19
24.60	0.00	14,443	192.59	0.19
24.70	0.00	14,376	192.59	0.19
24.80	0.00	14,310	192.58	0.18
24.90	0.00	14,244	192.57	0.18
25.00	0.00	14,177	192.57	0.18
25.10	0.00	14,111	192.56	0.18
25.20	0.00	14,046	192.55	0.18
25.30	0.00	13,980	192.54	0.18
25.40	0.00	13,914	192.54	0.18
25.50	0.00	13,849	192.53	0.18
25.60	0.00	13,784	192.52	0.18
25.70	0.00	13,719	192.51	0.18
25.80	0.00	13,655	192.51	0.18
25.90	0.00	13,590	192.50	0.18

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	13,526	192.49	0.18
26.10	0.00	13,462	192.49	0.18
26.20	0.00	13,398	192.48	0.18
26.30	0.00	13,334	192.47	0.18
26.40	0.00	13,271	192.47	0.18
26.50	0.00	13,208	192.46	0.18
26.60	0.00	13,145	192.45	0.18
26.70	0.00	13,082	192.44	0.17
26.80	0.00	13,019	192.44	0.17
26.90	0.00	12,956	192.43	0.17
27.00	0.00	12,894	192.42	0.17
27.10	0.00	12,832	192.42	0.17
27.20	0.00	12,770	192.41	0.17
27.30	0.00	12,708	192.40	0.17
27.40	0.00	12,647	192.40	0.17
27.50	0.00	12,585	192.39	0.17
27.60	0.00	12,524	192.38	0.17
27.70	0.00	12,463	192.38	0.17
27.80	0.00	12,402	192.37	0.17
27.90	0.00	12,342	192.36	0.17
28.00	0.00	12,281	192.36	0.17
28.10	0.00	12,221	192.35	0.17
28.20	0.00	12,161	192.34	0.17
28.30	0.00	12,101	192.34	0.17
28.40	0.00	12,042	192.33	0.17
28.50	0.00	11,982	192.32	0.16
28.60	0.00	11,923	192.32	0.16
28.70	0.00	11,864	192.31	0.16
28.80	0.00	11,805	192.30	0.16
28.90	0.00	11,746	192.30	0.16
29.00	0.00	11,688	192.29	0.16
29.10	0.00	11,630	192.28	0.16
29.20	0.00	11,571	192.28	0.16
29.30	0.00	11,514	192.27	0.16
29.40	0.00	11,456	192.26	0.16
29.50	0.00	11,398	192.26	0.16
29.60	0.00	11,341	192.25	0.16
29.70	0.00	11,284	192.25	0.16
29.80	0.00	11,227	192.24	0.16
29.90	0.00	11,170	192.23	0.16
30.00	0.00	11,114	192.23	0.16
30.10	0.00	11,057	192.22	0.16
30.20	0.00	11,001	192.21	0.16
30.30	0.00	10,945	192.21	0.16
30.40	0.00	10,889	192.20	0.15
30.50	0.00	10,834	192.20	0.15
30.60	0.00	10,778	192.19	0.15
30.70	0.00	10,723	192.18	0.15
30.80	0.00	10,668	192.18	0.15
30.90	0.00	10,613	192.17	0.15
31.00	0.00	10,559	192.17	0.15
31.10	0.00	10,504	192.16	0.15

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,450	192.15	0.15
31.30	0.00	10,396	192.15	0.15
31.40	0.00	10,342	192.14	0.15
31.50	0.00	10,288	192.14	0.15
31.60	0.00	10,235	192.13	0.15
31.70	0.00	10,182	192.12	0.15
31.80	0.00	10,129	192.12	0.15
31.90	0.00	10,076	192.11	0.15
32.00	0.00	10,023	192.11	0.15
32.10	0.00	9,971	192.10	0.15
32.20	0.00	9,918	192.10	0.15
32.30	0.00	9,866	192.09	0.14
32.40	0.00	9,814	192.08	0.14
32.50	0.00	9,762	192.08	0.14
32.60	0.00	9,711	192.07	0.14
32.70	0.00	9,660	192.07	0.14
32.80	0.00	9,608	192.06	0.14
32.90	0.00	9,557	192.06	0.14
33.00	0.00	9,507	192.05	0.14
33.10	0.00	9,456	192.04	0.14
33.20	0.00	9,406	192.04	0.14
33.30	0.00	9,356	192.03	0.14
33.40	0.00	9,306	192.03	0.14
33.50	0.00	9,256	192.02	0.14
33.60	0.00	9,206	192.02	0.14
33.70	0.00	9,157	192.01	0.14
33.80	0.00	9,108	192.01	0.14
33.90	0.00	9,058	192.00	0.14
34.00	0.00	9,010	191.99	0.14
34.10	0.00	8,961	191.99	0.13
34.20	0.00	8,913	191.98	0.13
34.30	0.00	8,864	191.98	0.13
34.40	0.00	8,816	191.97	0.13
34.50	0.00	8,768	191.97	0.13
34.60	0.00	8,721	191.96	0.13
34.70	0.00	8,673	191.96	0.13
34.80	0.00	8,626	191.95	0.13
34.90	0.00	8,579	191.95	0.13
35.00	0.00	8,532	191.94	0.13
35.10	0.00	8,485	191.94	0.13
35.20	0.00	8,439	191.93	0.13
35.30	0.00	8,392	191.93	0.13
35.40	0.00	8,346	191.92	0.13
35.50	0.00	8,300	191.92	0.13
35.60	0.00	8,254	191.91	0.13
35.70	0.00	8,209	191.91	0.13
35.80	0.00	8,163	191.90	0.13
35.90	0.00	8,118	191.90	0.13
36.00	0.00	8,073	191.89	0.12
36.10	0.00	8,029	191.89	0.12
36.20	0.00	7,984	191.88	0.12
36.30	0.00	7,940	191.88	0.12

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,895	191.87	0.12
36.50	0.00	7,851	191.87	0.12
36.60	0.00	7,807	191.86	0.12
36.70	0.00	7,764	191.86	0.12
36.80	0.00	7,720	191.85	0.12
36.90	0.00	7,677	191.85	0.12
37.00	0.00	7,634	191.84	0.12
37.10	0.00	7,591	191.84	0.12
37.20	0.00	7,549	191.83	0.12
37.30	0.00	7,506	191.83	0.12
37.40	0.00	7,464	191.82	0.12
37.50	0.00	7,422	191.82	0.12
37.60	0.00	7,380	191.81	0.12
37.70	0.00	7,338	191.81	0.12
37.80	0.00	7,297	191.81	0.12
37.90	0.00	7,255	191.80	0.11
38.00	0.00	7,214	191.80	0.11
38.10	0.00	7,173	191.79	0.11
38.20	0.00	7,132	191.79	0.11
38.30	0.00	7,092	191.78	0.11
38.40	0.00	7,052	191.78	0.11
38.50	0.00	7,011	191.77	0.11
38.60	0.00	6,971	191.77	0.11
38.70	0.00	6,932	191.77	0.11
38.80	0.00	6,892	191.76	0.11
38.90	0.00	6,853	191.76	0.11
39.00	0.00	6,813	191.75	0.11
39.10	0.00	6,774	191.75	0.11
39.20	0.00	6,736	191.74	0.11
39.30	0.00	6,697	191.74	0.11
39.40	0.00	6,659	191.74	0.11
39.50	0.00	6,620	191.73	0.11
39.60	0.00	6,582	191.73	0.11
39.70	0.00	6,544	191.72	0.10
39.80	0.00	6,507	191.72	0.10
39.90	0.00	6,469	191.71	0.10
40.00	0.00	6,432	191.71	0.10

Stage-Discharge for Pond B-34: Basin #34

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.07	192.04	0.14	192.56	0.18
191.01	0.00	191.53	0.08	192.05	0.14	192.57	0.18
191.02	0.00	191.54	0.08	192.06	0.14	192.58	0.18
191.03	0.00	191.55	0.08	192.07	0.14	192.59	0.19
191.04	0.00	191.56	0.08	192.08	0.14	192.60	0.19
191.05	0.00	191.57	0.08	192.09	0.14	192.61	0.19
191.06	0.00	191.58	0.08	192.10	0.15	192.62	0.19
191.07	0.00	191.59	0.09	192.11	0.15	192.63	0.19
191.08	0.00	191.60	0.09	192.12	0.15	192.64	0.19
191.09	0.00	191.61	0.09	192.13	0.15	192.65	0.19
191.10	0.00	191.62	0.09	192.14	0.15	192.66	0.19
191.11	0.00	191.63	0.09	192.15	0.15	192.67	0.19
191.12	0.00	191.64	0.09	192.16	0.15	192.68	0.19
191.13	0.00	191.65	0.10	192.17	0.15	192.69	0.19
191.14	0.00	191.66	0.10	192.18	0.15	192.70	0.19
191.15	0.00	191.67	0.10	192.19	0.15	192.71	0.19
191.16	0.00	191.68	0.10	192.20	0.15	192.72	0.19
191.17	0.00	191.69	0.10	192.21	0.16	192.73	0.20
191.18	0.00	191.70	0.10	192.22	0.16	192.74	0.20
191.19	0.00	191.71	0.10	192.23	0.16	192.75	0.20
191.20	0.00	191.72	0.10	192.24	0.16	192.76	0.20
191.21	0.00	191.73	0.11	192.25	0.16	192.77	0.20
191.22	0.00	191.74	0.11	192.26	0.16	192.78	0.20
191.23	0.00	191.75	0.11	192.27	0.16	192.79	0.20
191.24	0.00	191.76	0.11	192.28	0.16	192.80	0.20
191.25	0.00	191.77	0.11	192.29	0.16	192.81	0.20
191.26	0.00	191.78	0.11	192.30	0.16	192.82	0.20
191.27	0.01	191.79	0.11	192.31	0.16	192.83	0.20
191.28	0.01	191.80	0.11	192.32	0.16	192.84	0.20
191.29	0.01	191.81	0.12	192.33	0.17	192.85	0.20
191.30	0.01	191.82	0.12	192.34	0.17	192.86	0.20
191.31	0.02	191.83	0.12	192.35	0.17	192.87	0.20
191.32	0.02	191.84	0.12	192.36	0.17	192.88	0.21
191.33	0.02	191.85	0.12	192.37	0.17	192.89	0.21
191.34	0.03	191.86	0.12	192.38	0.17	192.90	0.21
191.35	0.03	191.87	0.12	192.39	0.17	192.91	0.21
191.36	0.03	191.88	0.12	192.40	0.17	192.92	0.21
191.37	0.04	191.89	0.12	192.41	0.17	192.93	0.21
191.38	0.04	191.90	0.13	192.42	0.17	192.94	0.21
191.39	0.05	191.91	0.13	192.43	0.17	192.95	0.21
191.40	0.05	191.92	0.13	192.44	0.17	192.96	0.21
191.41	0.05	191.93	0.13	192.45	0.17	192.97	0.21
191.42	0.05	191.94	0.13	192.46	0.18	192.98	0.21
191.43	0.06	191.95	0.13	192.47	0.18	192.99	0.21
191.44	0.06	191.96	0.13	192.48	0.18	193.00	0.21
191.45	0.06	191.97	0.13	192.49	0.18	193.01	0.21
191.46	0.06	191.98	0.13	192.50	0.18	193.02	0.21
191.47	0.06	191.99	0.13	192.51	0.18	193.03	0.22
191.48	0.07	192.00	0.14	192.52	0.18	193.04	0.22
191.49	0.07	192.01	0.14	192.53	0.18	193.05	0.22
191.50	0.07	192.02	0.14	192.54	0.18	193.06	0.22
191.51	0.07	192.03	0.14	192.55	0.18	193.07	0.22

Stage-Discharge for Pond B-34: Basin #34 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.22	193.60	0.25	194.12	0.27	194.64	10.85
193.09	0.22	193.61	0.25	194.13	0.28	194.65	11.65
193.10	0.22	193.62	0.25	194.14	0.28	194.66	12.49
193.11	0.22	193.63	0.25	194.15	0.28	194.67	13.35
193.12	0.22	193.64	0.25	194.16	0.29	194.68	14.23
193.13	0.22	193.65	0.25	194.17	0.31	194.69	15.13
193.14	0.22	193.66	0.25	194.18	0.35	194.70	16.06
193.15	0.22	193.67	0.25	194.19	0.38	194.71	17.04
193.16	0.22	193.68	0.25	194.20	0.42	194.72	18.06
193.17	0.22	193.69	0.25	194.21	0.47	194.73	19.10
193.18	0.22	193.70	0.25	194.22	0.52	194.74	20.16
193.19	0.22	193.71	0.25	194.23	0.58	194.75	21.25
193.20	0.23	193.72	0.25	194.24	0.63	194.76	22.37
193.21	0.23	193.73	0.26	194.25	0.69	194.77	23.52
193.22	0.23	193.74	0.26	194.26	0.76	194.78	24.69
193.23	0.23	193.75	0.26	194.27	0.82	194.79	25.88
193.24	0.23	193.76	0.26	194.28	0.89	194.80	27.11
193.25	0.23	193.77	0.26	194.29	0.96	194.81	28.35
193.26	0.23	193.78	0.26	194.30	1.04	194.82	29.63
193.27	0.23	193.79	0.26	194.31	1.11	194.83	30.93
193.28	0.23	193.80	0.26	194.32	1.19	194.84	32.25
193.29	0.23	193.81	0.26	194.33	1.27	194.85	33.60
193.30	0.23	193.82	0.26	194.34	1.36	194.86	34.97
193.31	0.23	193.83	0.26	194.35	1.44	194.87	36.37
193.32	0.23	193.84	0.26	194.36	1.53	194.88	37.79
193.33	0.23	193.85	0.26	194.37	1.62	194.89	39.24
193.34	0.23	193.86	0.26	194.38	1.71	194.90	40.72
193.35	0.23	193.87	0.26	194.39	1.81	194.91	42.24
193.36	0.23	193.88	0.26	194.40	1.90	194.92	43.80
193.37	0.24	193.89	0.26	194.41	2.00	194.93	45.38
193.38	0.24	193.90	0.26	194.42	2.10	194.94	46.98
193.39	0.24	193.91	0.26	194.43	2.20	194.95	48.62
193.40	0.24	193.92	0.26	194.44	2.30	194.96	50.28
193.41	0.24	193.93	0.27	194.45	2.41	194.97	51.97
193.42	0.24	193.94	0.27	194.46	2.51	194.98	53.68
193.43	0.24	193.95	0.27	194.47	2.62	194.99	55.42
193.44	0.24	193.96	0.27	194.48	2.73	195.00	57.19
193.45	0.24	193.97	0.27	194.49	2.84		
193.46	0.24	193.98	0.27	194.50	2.95		
193.47	0.24	193.99	0.27	194.51	3.18		
193.48	0.24	194.00	0.27	194.52	3.51		
193.49	0.24	194.01	0.27	194.53	3.91		
193.50	0.24	194.02	0.27	194.54	4.36		
193.51	0.24	194.03	0.27	194.55	4.85		
193.52	0.24	194.04	0.27	194.56	5.38		
193.53	0.24	194.05	0.27	194.57	5.96		
193.54	0.24	194.06	0.27	194.58	6.56		
193.55	0.25	194.07	0.27	194.59	7.20		
193.56	0.25	194.08	0.27	194.60	7.87		
193.57	0.25	194.09	0.27	194.61	8.58		
193.58	0.25	194.10	0.27	194.62	9.31		
193.59	0.25	194.11	0.27	194.63	10.06		

Stage-Area-Storage for Pond B-34: Basin #34

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	9,057	0	191.52	9,057	4,710
191.01	9,057	91	191.53	9,057	4,800
191.02	9,057	181	191.54	9,057	4,891
191.03	9,057	272	191.55	9,057	4,981
191.04	9,057	362	191.56	9,057	5,072
191.05	9,057	453	191.57	9,057	5,162
191.06	9,057	543	191.58	9,057	5,253
191.07	9,057	634	191.59	9,057	5,344
191.08	9,057	725	191.60	9,057	5,434
191.09	9,057	815	191.61	9,057	5,525
191.10	9,057	906	191.62	9,057	5,615
191.11	9,057	996	191.63	9,057	5,706
191.12	9,057	1,087	191.64	9,057	5,796
191.13	9,057	1,177	191.65	9,057	5,887
191.14	9,057	1,268	191.66	9,057	5,978
191.15	9,057	1,359	191.67	9,057	6,068
191.16	9,057	1,449	191.68	9,057	6,159
191.17	9,057	1,540	191.69	9,057	6,249
191.18	9,057	1,630	191.70	9,057	6,340
191.19	9,057	1,721	191.71	9,057	6,430
191.20	9,057	1,811	191.72	9,057	6,521
191.21	9,057	1,902	191.73	9,057	6,612
191.22	9,057	1,993	191.74	9,057	6,702
191.23	9,057	2,083	191.75	9,057	6,793
191.24	9,057	2,174	191.76	9,057	6,883
191.25	9,057	2,264	191.77	9,057	6,974
191.26	9,057	2,355	191.78	9,057	7,064
191.27	9,057	2,445	191.79	9,057	7,155
191.28	9,057	2,536	191.80	9,057	7,246
191.29	9,057	2,627	191.81	9,057	7,336
191.30	9,057	2,717	191.82	9,057	7,427
191.31	9,057	2,808	191.83	9,057	7,517
191.32	9,057	2,898	191.84	9,057	7,608
191.33	9,057	2,989	191.85	9,057	7,698
191.34	9,057	3,079	191.86	9,057	7,789
191.35	9,057	3,170	191.87	9,057	7,880
191.36	9,057	3,261	191.88	9,057	7,970
191.37	9,057	3,351	191.89	9,057	8,061
191.38	9,057	3,442	191.90	9,057	8,151
191.39	9,057	3,532	191.91	9,057	8,242
191.40	9,057	3,623	191.92	9,057	8,332
191.41	9,057	3,713	191.93	9,057	8,423
191.42	9,057	3,804	191.94	9,057	8,514
191.43	9,057	3,895	191.95	9,057	8,604
191.44	9,057	3,985	191.96	9,057	8,695
191.45	9,057	4,076	191.97	9,057	8,785
191.46	9,057	4,166	191.98	9,057	8,876
191.47	9,057	4,257	191.99	9,057	8,966
191.48	9,057	4,347	192.00	9,057	9,057
191.49	9,057	4,438	192.01	9,057	9,148
191.50	9,057	4,529	192.02	9,057	9,238
191.51	9,057	4,619	192.03	9,057	9,329

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	9,057	9,419	192.56	9,057	14,129
192.05	9,057	9,510	192.57	9,057	14,219
192.06	9,057	9,600	192.58	9,057	14,310
192.07	9,057	9,691	192.59	9,057	14,401
192.08	9,057	9,782	192.60	9,057	14,491
192.09	9,057	9,872	192.61	9,057	14,582
192.10	9,057	9,963	192.62	9,057	14,672
192.11	9,057	10,053	192.63	9,057	14,763
192.12	9,057	10,144	192.64	9,057	14,853
192.13	9,057	10,234	192.65	9,057	14,944
192.14	9,057	10,325	192.66	9,057	15,035
192.15	9,057	10,416	192.67	9,057	15,125
192.16	9,057	10,506	192.68	9,057	15,216
192.17	9,057	10,597	192.69	9,057	15,306
192.18	9,057	10,687	192.70	9,057	15,397
192.19	9,057	10,778	192.71	9,057	15,487
192.20	9,057	10,868	192.72	9,057	15,578
192.21	9,057	10,959	192.73	9,057	15,669
192.22	9,057	11,050	192.74	9,057	15,759
192.23	9,057	11,140	192.75	9,057	15,850
192.24	9,057	11,231	192.76	9,057	15,940
192.25	9,057	11,321	192.77	9,057	16,031
192.26	9,057	11,412	192.78	9,057	16,121
192.27	9,057	11,502	192.79	9,057	16,212
192.28	9,057	11,593	192.80	9,057	16,303
192.29	9,057	11,684	192.81	9,057	16,393
192.30	9,057	11,774	192.82	9,057	16,484
192.31	9,057	11,865	192.83	9,057	16,574
192.32	9,057	11,955	192.84	9,057	16,665
192.33	9,057	12,046	192.85	9,057	16,755
192.34	9,057	12,136	192.86	9,057	16,846
192.35	9,057	12,227	192.87	9,057	16,937
192.36	9,057	12,318	192.88	9,057	17,027
192.37	9,057	12,408	192.89	9,057	17,118
192.38	9,057	12,499	192.90	9,057	17,208
192.39	9,057	12,589	192.91	9,057	17,299
192.40	9,057	12,680	192.92	9,057	17,389
192.41	9,057	12,770	192.93	9,057	17,480
192.42	9,057	12,861	192.94	9,057	17,571
192.43	9,057	12,952	192.95	9,057	17,661
192.44	9,057	13,042	192.96	9,057	17,752
192.45	9,057	13,133	192.97	9,057	17,842
192.46	9,057	13,223	192.98	9,057	17,933
192.47	9,057	13,314	192.99	9,057	18,023
192.48	9,057	13,404	193.00	9,057	18,114
192.49	9,057	13,495	193.01	9,057	18,205
192.50	9,057	13,586	193.02	9,057	18,295
192.51	9,057	13,676	193.03	9,057	18,386
192.52	9,057	13,767	193.04	9,057	18,476
192.53	9,057	13,857	193.05	9,057	18,567
192.54	9,057	13,948	193.06	9,057	18,657
192.55	9,057	14,038	193.07	9,057	18,748

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	9,057	18,839	193.60	9,057	23,548
193.09	9,057	18,929	193.61	9,057	23,639
193.10	9,057	19,020	193.62	9,057	23,729
193.11	9,057	19,110	193.63	9,057	23,820
193.12	9,057	19,201	193.64	9,057	23,910
193.13	9,057	19,291	193.65	9,057	24,001
193.14	9,057	19,382	193.66	9,057	24,092
193.15	9,057	19,473	193.67	9,057	24,182
193.16	9,057	19,563	193.68	9,057	24,273
193.17	9,057	19,654	193.69	9,057	24,363
193.18	9,057	19,744	193.70	9,057	24,454
193.19	9,057	19,835	193.71	9,057	24,544
193.20	9,057	19,925	193.72	9,057	24,635
193.21	9,057	20,016	193.73	9,057	24,726
193.22	9,057	20,107	193.74	9,057	24,816
193.23	9,057	20,197	193.75	9,057	24,907
193.24	9,057	20,288	193.76	9,057	24,997
193.25	9,057	20,378	193.77	9,057	25,088
193.26	9,057	20,469	193.78	9,057	25,178
193.27	9,057	20,559	193.79	9,057	25,269
193.28	9,057	20,650	193.80	9,057	25,360
193.29	9,057	20,741	193.81	9,057	25,450
193.30	9,057	20,831	193.82	9,057	25,541
193.31	9,057	20,922	193.83	9,057	25,631
193.32	9,057	21,012	193.84	9,057	25,722
193.33	9,057	21,103	193.85	9,057	25,812
193.34	9,057	21,193	193.86	9,057	25,903
193.35	9,057	21,284	193.87	9,057	25,994
193.36	9,057	21,375	193.88	9,057	26,084
193.37	9,057	21,465	193.89	9,057	26,175
193.38	9,057	21,556	193.90	9,057	26,265
193.39	9,057	21,646	193.91	9,057	26,356
193.40	9,057	21,737	193.92	9,057	26,446
193.41	9,057	21,827	193.93	9,057	26,537
193.42	9,057	21,918	193.94	9,057	26,628
193.43	9,057	22,009	193.95	9,057	26,718
193.44	9,057	22,099	193.96	9,057	26,809
193.45	9,057	22,190	193.97	9,057	26,899
193.46	9,057	22,280	193.98	9,057	26,990
193.47	9,057	22,371	193.99	9,057	27,080
193.48	9,057	22,461	194.00	9,057	27,171
193.49	9,057	22,552	194.01	9,057	27,262
193.50	9,057	22,643	194.02	9,057	27,352
193.51	9,057	22,733	194.03	9,057	27,443
193.52	9,057	22,824	194.04	9,057	27,533
193.53	9,057	22,914	194.05	9,057	27,624
193.54	9,057	23,005	194.06	9,057	27,714
193.55	9,057	23,095	194.07	9,057	27,805
193.56	9,057	23,186	194.08	9,057	27,896
193.57	9,057	23,276	194.09	9,057	27,986
193.58	9,057	23,367	194.10	9,057	28,077
193.59	9,057	23,458	194.11	9,057	28,167

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	9,057	28,258	194.64	9,057	32,967
194.13	9,057	28,348	194.65	9,057	33,058
194.14	9,057	28,439	194.66	9,057	33,149
194.15	9,057	28,530	194.67	9,057	33,239
194.16	9,057	28,620	194.68	9,057	33,330
194.17	9,057	28,711	194.69	9,057	33,420
194.18	9,057	28,801	194.70	9,057	33,511
194.19	9,057	28,892	194.71	9,057	33,601
194.20	9,057	28,982	194.72	9,057	33,692
194.21	9,057	29,073	194.73	9,057	33,783
194.22	9,057	29,164	194.74	9,057	33,873
194.23	9,057	29,254	194.75	9,057	33,964
194.24	9,057	29,345	194.76	9,057	34,054
194.25	9,057	29,435	194.77	9,057	34,145
194.26	9,057	29,526	194.78	9,057	34,235
194.27	9,057	29,616	194.79	9,057	34,326
194.28	9,057	29,707	194.80	9,057	34,417
194.29	9,057	29,798	194.81	9,057	34,507
194.30	9,057	29,888	194.82	9,057	34,598
194.31	9,057	29,979	194.83	9,057	34,688
194.32	9,057	30,069	194.84	9,057	34,779
194.33	9,057	30,160	194.85	9,057	34,869
194.34	9,057	30,250	194.86	9,057	34,960
194.35	9,057	30,341	194.87	9,057	35,051
194.36	9,057	30,432	194.88	9,057	35,141
194.37	9,057	30,522	194.89	9,057	35,232
194.38	9,057	30,613	194.90	9,057	35,322
194.39	9,057	30,703	194.91	9,057	35,413
194.40	9,057	30,794	194.92	9,057	35,503
194.41	9,057	30,884	194.93	9,057	35,594
194.42	9,057	30,975	194.94	9,057	35,685
194.43	9,057	31,066	194.95	9,057	35,775
194.44	9,057	31,156	194.96	9,057	35,866
194.45	9,057	31,247	194.97	9,057	35,956
194.46	9,057	31,337	194.98	9,057	36,047
194.47	9,057	31,428	194.99	9,057	36,137
194.48	9,057	31,518	195.00	9,057	36,228
194.49	9,057	31,609			
194.50	9,057	31,700			
194.51	9,057	31,790			
194.52	9,057	31,881			
194.53	9,057	31,971			
194.54	9,057	32,062			
194.55	9,057	32,152			
194.56	9,057	32,243			
194.57	9,057	32,333			
194.58	9,057	32,424			
194.59	9,057	32,515			
194.60	9,057	32,605			
194.61	9,057	32,696			
194.62	9,057	32,786			
194.63	9,057	32,877			

Summary for Pond B-35: Basin #35

Inflow Area = 1.957 ac, 66.79% Impervious, Inflow Depth = 4.73" for Future 10 yr event
 Inflow = 11.52 cfs @ 12.09 hrs, Volume= 0.771 af
 Outflow = 0.56 cfs @ 13.56 hrs, Volume= 0.638 af, Atten= 95%, Lag= 88.2 min
 Primary = 0.56 cfs @ 13.56 hrs, Volume= 0.638 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.52' @ 13.56 hrs Surf.Area= 8,819 sf Storage= 22,200 cf

Plug-Flow detention time= 515.3 min calculated for 0.637 af (83% of inflow)
 Center-of-Mass det. time= 441.6 min (1,203.8 - 762.2)

Volume	Invert	Avail.Storage	Storage Description
#1	190.00'	44,095 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
190.00	8,819	0	0
191.00	8,819	8,819	8,819
192.00	8,819	8,819	17,638
193.00	8,819	8,819	26,457
194.00	8,819	8,819	35,276
195.00	8,819	8,819	44,095

Device	Routing	Invert	Outlet Devices
#1	Primary	189.80'	18.0" Round Culvert L= 103.0' Ke= 0.500 Inlet / Outlet Invert= 189.80' / 189.30' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	190.58'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.10'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

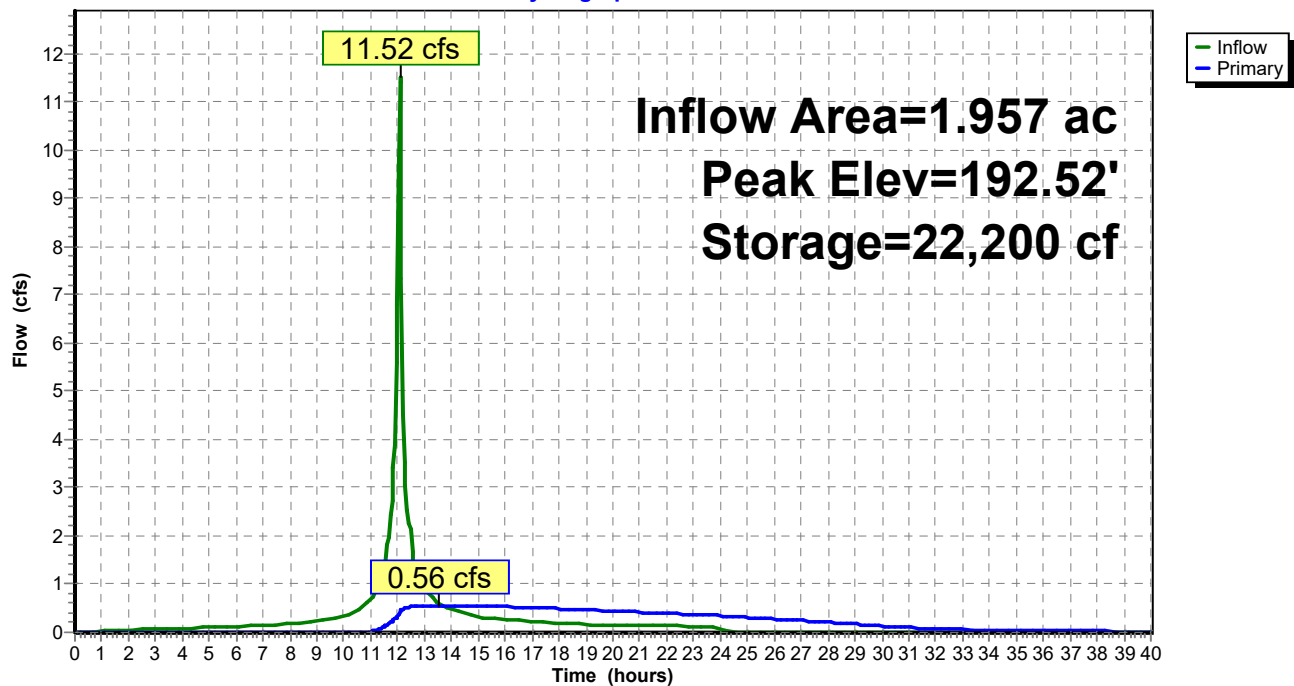
Primary OutFlow Max=0.56 cfs @ 13.56 hrs HW=192.52' (Free Discharge)

- 1=Culvert (Passes 0.56 cfs of 10.10 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.56 cfs @ 6.41 fps)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-35: Basin #35

Hydrograph



Hydrograph for Pond B-35: Basin #35

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	190.00	0.00
0.10	0.00	0	190.00	0.00
0.20	0.00	0	190.00	0.00
0.30	0.00	0	190.00	0.00
0.40	0.00	0	190.00	0.00
0.50	0.00	0	190.00	0.00
0.60	0.00	0	190.00	0.00
0.70	0.00	0	190.00	0.00
0.80	0.01	1	190.00	0.00
0.90	0.01	4	190.00	0.00
1.00	0.01	8	190.00	0.00
1.10	0.02	14	190.00	0.00
1.20	0.02	22	190.00	0.00
1.30	0.03	31	190.00	0.00
1.40	0.03	41	190.00	0.00
1.50	0.03	52	190.01	0.00
1.60	0.04	64	190.01	0.00
1.70	0.04	78	190.01	0.00
1.80	0.04	92	190.01	0.00
1.90	0.04	108	190.01	0.00
2.00	0.05	125	190.01	0.00
2.10	0.05	142	190.02	0.00
2.20	0.05	160	190.02	0.00
2.30	0.05	180	190.02	0.00
2.40	0.06	200	190.02	0.00
2.50	0.06	221	190.03	0.00
2.60	0.06	242	190.03	0.00
2.70	0.06	265	190.03	0.00
2.80	0.07	288	190.03	0.00
2.90	0.07	312	190.04	0.00
3.00	0.07	336	190.04	0.00
3.10	0.07	362	190.04	0.00
3.20	0.07	387	190.04	0.00
3.30	0.07	414	190.05	0.00
3.40	0.08	441	190.05	0.00
3.50	0.08	469	190.05	0.00
3.60	0.08	497	190.06	0.00
3.70	0.08	526	190.06	0.00
3.80	0.08	555	190.06	0.00
3.90	0.08	585	190.07	0.00
4.00	0.09	615	190.07	0.00
4.10	0.09	646	190.07	0.00
4.20	0.09	678	190.08	0.00
4.30	0.09	710	190.08	0.00
4.40	0.09	742	190.08	0.00
4.50	0.09	775	190.09	0.00
4.60	0.09	809	190.09	0.00
4.70	0.09	842	190.10	0.00
4.80	0.10	877	190.10	0.00
4.90	0.10	912	190.10	0.00
5.00	0.10	947	190.11	0.00
5.10	0.10	982	190.11	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.10	1,019	190.12	0.00
5.30	0.10	1,055	190.12	0.00
5.40	0.10	1,092	190.12	0.00
5.50	0.10	1,129	190.13	0.00
5.60	0.11	1,167	190.13	0.00
5.70	0.11	1,205	190.14	0.00
5.80	0.11	1,244	190.14	0.00
5.90	0.11	1,283	190.15	0.00
6.00	0.11	1,322	190.15	0.00
6.10	0.11	1,363	190.15	0.00
6.20	0.12	1,404	190.16	0.00
6.30	0.12	1,446	190.16	0.00
6.40	0.12	1,490	190.17	0.00
6.50	0.13	1,535	190.17	0.00
6.60	0.13	1,581	190.18	0.00
6.70	0.13	1,628	190.18	0.00
6.80	0.13	1,676	190.19	0.00
6.90	0.14	1,725	190.20	0.00
7.00	0.14	1,775	190.20	0.00
7.10	0.14	1,827	190.21	0.00
7.20	0.15	1,880	190.21	0.00
7.30	0.15	1,934	190.22	0.00
7.40	0.15	1,989	190.23	0.00
7.50	0.16	2,045	190.23	0.00
7.60	0.16	2,102	190.24	0.00
7.70	0.16	2,161	190.25	0.00
7.80	0.17	2,221	190.25	0.00
7.90	0.17	2,281	190.26	0.00
8.00	0.17	2,344	190.27	0.00
8.10	0.18	2,407	190.27	0.00
8.20	0.18	2,471	190.28	0.00
8.30	0.18	2,537	190.29	0.00
8.40	0.19	2,604	190.30	0.00
8.50	0.19	2,673	190.30	0.00
8.60	0.20	2,743	190.31	0.00
8.70	0.20	2,815	190.32	0.00
8.80	0.20	2,888	190.33	0.00
8.90	0.21	2,963	190.34	0.00
9.00	0.21	3,039	190.34	0.00
9.10	0.23	3,119	190.35	0.00
9.20	0.24	3,203	190.36	0.00
9.30	0.25	3,291	190.37	0.00
9.40	0.26	3,385	190.38	0.00
9.50	0.28	3,483	190.39	0.00
9.60	0.29	3,586	190.41	0.00
9.70	0.31	3,694	190.42	0.00
9.80	0.32	3,806	190.43	0.00
9.90	0.33	3,924	190.44	0.00
10.00	0.35	4,047	190.46	0.00
10.10	0.36	4,175	190.47	0.00
10.20	0.38	4,309	190.49	0.00
10.30	0.39	4,447	190.50	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.41	4,591	190.52	0.00
10.50	0.42	4,740	190.54	0.00
10.60	0.47	4,902	190.56	0.00
10.70	0.52	5,082	190.58	0.00
10.80	0.58	5,281	190.60	0.00
10.90	0.63	5,498	190.62	0.01
11.00	0.68	5,732	190.65	0.01
11.10	0.78	5,991	190.68	0.02
11.20	0.88	6,282	190.71	0.04
11.30	0.99	6,602	190.75	0.06
11.40	1.09	6,951	190.79	0.09
11.50	1.19	7,324	190.83	0.12
11.60	1.82	7,830	190.89	0.16
11.70	1.98	8,453	190.96	0.19
11.80	2.73	9,237	191.05	0.23
11.90	3.88	10,353	191.17	0.27
12.00	6.79	12,211	191.38	0.34
12.10	11.40	15,450	191.75	0.42
12.20	4.50	18,036	192.05	0.48
12.30	3.06	19,177	192.17	0.50
12.40	2.25	19,932	192.26	0.52
12.50	2.10	20,524	192.33	0.53
12.60	1.40	20,950	192.38	0.54
12.70	1.29	21,236	192.41	0.54
12.80	1.18	21,481	192.44	0.55
12.90	1.06	21,685	192.46	0.55
13.00	0.95	21,847	192.48	0.55
13.10	0.84	21,969	192.49	0.55
13.20	0.78	22,059	192.50	0.56
13.30	0.72	22,127	192.51	0.56
13.40	0.66	22,172	192.51	0.56
13.50	0.60	22,196	192.52	0.56
13.60	0.54	22,199	192.52	0.56
13.70	0.52	22,188	192.52	0.56
13.80	0.50	22,171	192.51	0.56
13.90	0.49	22,148	192.51	0.56
14.00	0.47	22,121	192.51	0.56
14.10	0.46	22,087	192.50	0.56
14.20	0.44	22,049	192.50	0.56
14.30	0.43	22,005	192.50	0.56
14.40	0.41	21,955	192.49	0.55
14.50	0.40	21,900	192.48	0.55
14.60	0.38	21,840	192.48	0.55
14.70	0.36	21,775	192.47	0.55
14.80	0.35	21,704	192.46	0.55
14.90	0.33	21,628	192.45	0.55
15.00	0.32	21,547	192.44	0.55
15.10	0.30	21,461	192.43	0.55
15.20	0.29	21,372	192.42	0.54
15.30	0.29	21,282	192.41	0.54
15.40	0.29	21,191	192.40	0.54
15.50	0.28	21,099	192.39	0.54

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	21,006	192.38	0.54
15.70	0.27	20,913	192.37	0.54
15.80	0.27	20,818	192.36	0.53
15.90	0.27	20,722	192.35	0.53
16.00	0.26	20,626	192.34	0.53
16.10	0.26	20,529	192.33	0.53
16.20	0.25	20,431	192.32	0.53
16.30	0.25	20,332	192.31	0.52
16.40	0.25	20,233	192.29	0.52
16.50	0.24	20,132	192.28	0.52
16.60	0.24	20,031	192.27	0.52
16.70	0.23	19,929	192.26	0.52
16.80	0.23	19,826	192.25	0.51
16.90	0.22	19,722	192.24	0.51
17.00	0.22	19,618	192.22	0.51
17.10	0.22	19,513	192.21	0.51
17.20	0.21	19,407	192.20	0.51
17.30	0.21	19,300	192.19	0.50
17.40	0.20	19,193	192.18	0.50
17.50	0.20	19,084	192.16	0.50
17.60	0.19	18,975	192.15	0.50
17.70	0.19	18,866	192.14	0.50
17.80	0.19	18,755	192.13	0.49
17.90	0.18	18,644	192.11	0.49
18.00	0.18	18,532	192.10	0.49
18.10	0.17	18,420	192.09	0.49
18.20	0.17	18,307	192.08	0.48
18.30	0.17	18,195	192.06	0.48
18.40	0.17	18,083	192.05	0.48
18.50	0.17	17,971	192.04	0.48
18.60	0.17	17,861	192.03	0.48
18.70	0.17	17,750	192.01	0.47
18.80	0.17	17,640	192.00	0.47
18.90	0.16	17,531	191.99	0.47
19.00	0.16	17,422	191.98	0.47
19.10	0.16	17,313	191.96	0.46
19.20	0.16	17,205	191.95	0.46
19.30	0.16	17,098	191.94	0.46
19.40	0.16	16,990	191.93	0.46
19.50	0.16	16,884	191.91	0.45
19.60	0.16	16,777	191.90	0.45
19.70	0.16	16,672	191.89	0.45
19.80	0.16	16,567	191.88	0.45
19.90	0.15	16,462	191.87	0.44
20.00	0.15	16,358	191.85	0.44
20.10	0.15	16,254	191.84	0.44
20.20	0.15	16,150	191.83	0.44
20.30	0.15	16,047	191.82	0.44
20.40	0.15	15,945	191.81	0.43
20.50	0.15	15,843	191.80	0.43
20.60	0.15	15,741	191.78	0.43
20.70	0.15	15,640	191.77	0.43

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	15,540	191.76	0.42
20.90	0.14	15,440	191.75	0.42
21.00	0.14	15,340	191.74	0.42
21.10	0.14	15,241	191.73	0.42
21.20	0.14	15,142	191.72	0.41
21.30	0.14	15,044	191.71	0.41
21.40	0.14	14,946	191.69	0.41
21.50	0.14	14,849	191.68	0.41
21.60	0.14	14,752	191.67	0.40
21.70	0.14	14,656	191.66	0.40
21.80	0.13	14,560	191.65	0.40
21.90	0.13	14,465	191.64	0.40
22.00	0.13	14,370	191.63	0.39
22.10	0.13	14,276	191.62	0.39
22.20	0.13	14,182	191.61	0.39
22.30	0.13	14,089	191.60	0.39
22.40	0.13	13,996	191.59	0.39
22.50	0.13	13,903	191.58	0.38
22.60	0.13	13,811	191.57	0.38
22.70	0.12	13,720	191.56	0.38
22.80	0.12	13,629	191.55	0.38
22.90	0.12	13,538	191.54	0.37
23.00	0.12	13,448	191.52	0.37
23.10	0.12	13,359	191.51	0.37
23.20	0.12	13,270	191.50	0.37
23.30	0.12	13,181	191.49	0.36
23.40	0.12	13,093	191.48	0.36
23.50	0.12	13,006	191.47	0.36
23.60	0.11	12,919	191.46	0.36
23.70	0.11	12,832	191.46	0.35
23.80	0.11	12,746	191.45	0.35
23.90	0.11	12,661	191.44	0.35
24.00	0.13	12,581	191.43	0.35
24.10	0.01	12,480	191.42	0.34
24.20	0.00	12,358	191.40	0.34
24.30	0.00	12,236	191.39	0.34
24.40	0.00	12,115	191.37	0.33
24.50	0.00	11,996	191.36	0.33
24.60	0.00	11,878	191.35	0.33
24.70	0.00	11,762	191.33	0.32
24.80	0.00	11,647	191.32	0.32
24.90	0.00	11,533	191.31	0.31
25.00	0.00	11,420	191.29	0.31
25.10	0.00	11,309	191.28	0.31
25.20	0.00	11,199	191.27	0.30
25.30	0.00	11,090	191.26	0.30
25.40	0.00	10,983	191.25	0.30
25.50	0.00	10,876	191.23	0.29
25.60	0.00	10,772	191.22	0.29
25.70	0.00	10,668	191.21	0.29
25.80	0.00	10,566	191.20	0.28
25.90	0.00	10,465	191.19	0.28

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,365	191.18	0.27
26.10	0.00	10,267	191.16	0.27
26.20	0.00	10,170	191.15	0.27
26.30	0.00	10,074	191.14	0.26
26.40	0.00	9,979	191.13	0.26
26.50	0.00	9,886	191.12	0.26
26.60	0.00	9,794	191.11	0.25
26.70	0.00	9,704	191.10	0.25
26.80	0.00	9,615	191.09	0.25
26.90	0.00	9,527	191.08	0.24
27.00	0.00	9,440	191.07	0.24
27.10	0.00	9,355	191.06	0.24
27.20	0.00	9,270	191.05	0.23
27.30	0.00	9,188	191.04	0.23
27.40	0.00	9,106	191.03	0.22
27.50	0.00	9,026	191.02	0.22
27.60	0.00	8,947	191.01	0.22
27.70	0.00	8,870	191.01	0.21
27.80	0.00	8,793	191.00	0.21
27.90	0.00	8,718	190.99	0.21
28.00	0.00	8,645	190.98	0.20
28.10	0.00	8,572	190.97	0.20
28.20	0.00	8,501	190.96	0.20
28.30	0.00	8,431	190.96	0.19
28.40	0.00	8,363	190.95	0.19
28.50	0.00	8,296	190.94	0.19
28.60	0.00	8,230	190.93	0.18
28.70	0.00	8,165	190.93	0.18
28.80	0.00	8,101	190.92	0.17
28.90	0.00	8,039	190.91	0.17
29.00	0.00	7,978	190.90	0.17
29.10	0.00	7,918	190.90	0.16
29.20	0.00	7,860	190.89	0.16
29.30	0.00	7,803	190.88	0.16
29.40	0.00	7,747	190.88	0.15
29.50	0.00	7,693	190.87	0.15
29.60	0.00	7,641	190.87	0.14
29.70	0.00	7,589	190.86	0.14
29.80	0.00	7,539	190.85	0.14
29.90	0.00	7,491	190.85	0.13
30.00	0.00	7,443	190.84	0.13
30.10	0.00	7,397	190.84	0.13
30.20	0.00	7,353	190.83	0.12
30.30	0.00	7,309	190.83	0.12
30.40	0.00	7,267	190.82	0.12
30.50	0.00	7,226	190.82	0.11
30.60	0.00	7,187	190.81	0.11
30.70	0.00	7,148	190.81	0.11
30.80	0.00	7,111	190.81	0.10
30.90	0.00	7,075	190.80	0.10
31.00	0.00	7,040	190.80	0.10
31.10	0.00	7,005	190.79	0.09

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,972	190.79	0.09
31.30	0.00	6,940	190.79	0.09
31.40	0.00	6,908	190.78	0.09
31.50	0.00	6,878	190.78	0.08
31.60	0.00	6,848	190.78	0.08
31.70	0.00	6,819	190.77	0.08
31.80	0.00	6,791	190.77	0.08
31.90	0.00	6,764	190.77	0.07
32.00	0.00	6,738	190.76	0.07
32.10	0.00	6,712	190.76	0.07
32.20	0.00	6,687	190.76	0.07
32.30	0.00	6,663	190.76	0.07
32.40	0.00	6,639	190.75	0.06
32.50	0.00	6,616	190.75	0.06
32.60	0.00	6,594	190.75	0.06
32.70	0.00	6,572	190.75	0.06
32.80	0.00	6,550	190.74	0.06
32.90	0.00	6,530	190.74	0.06
33.00	0.00	6,509	190.74	0.06
33.10	0.00	6,489	190.74	0.05
33.20	0.00	6,470	190.73	0.05
33.30	0.00	6,451	190.73	0.05
33.40	0.00	6,433	190.73	0.05
33.50	0.00	6,415	190.73	0.05
33.60	0.00	6,397	190.73	0.05
33.70	0.00	6,380	190.72	0.05
33.80	0.00	6,363	190.72	0.05
33.90	0.00	6,347	190.72	0.04
34.00	0.00	6,331	190.72	0.04
34.10	0.00	6,315	190.72	0.04
34.20	0.00	6,300	190.71	0.04
34.30	0.00	6,285	190.71	0.04
34.40	0.00	6,270	190.71	0.04
34.50	0.00	6,256	190.71	0.04
34.60	0.00	6,242	190.71	0.04
34.70	0.00	6,229	190.71	0.04
34.80	0.00	6,216	190.70	0.04
34.90	0.00	6,203	190.70	0.04
35.00	0.00	6,190	190.70	0.03
35.10	0.00	6,178	190.70	0.03
35.20	0.00	6,166	190.70	0.03
35.30	0.00	6,154	190.70	0.03
35.40	0.00	6,143	190.70	0.03
35.50	0.00	6,131	190.70	0.03
35.60	0.00	6,120	190.69	0.03
35.70	0.00	6,109	190.69	0.03
35.80	0.00	6,098	190.69	0.03
35.90	0.00	6,088	190.69	0.03
36.00	0.00	6,077	190.69	0.03
36.10	0.00	6,067	190.69	0.03
36.20	0.00	6,057	190.69	0.03
36.30	0.00	6,047	190.69	0.03

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,037	190.68	0.03
36.50	0.00	6,028	190.68	0.03
36.60	0.00	6,018	190.68	0.03
36.70	0.00	6,009	190.68	0.03
36.80	0.00	6,000	190.68	0.02
36.90	0.00	5,991	190.68	0.02
37.00	0.00	5,982	190.68	0.02
37.10	0.00	5,974	190.68	0.02
37.20	0.00	5,965	190.68	0.02
37.30	0.00	5,957	190.68	0.02
37.40	0.00	5,949	190.67	0.02
37.50	0.00	5,941	190.67	0.02
37.60	0.00	5,933	190.67	0.02
37.70	0.00	5,925	190.67	0.02
37.80	0.00	5,918	190.67	0.02
37.90	0.00	5,910	190.67	0.02
38.00	0.00	5,903	190.67	0.02
38.10	0.00	5,896	190.67	0.02
38.20	0.00	5,888	190.67	0.02
38.30	0.00	5,881	190.67	0.02
38.40	0.00	5,875	190.67	0.02
38.50	0.00	5,868	190.67	0.02
38.60	0.00	5,861	190.66	0.02
38.70	0.00	5,855	190.66	0.02
38.80	0.00	5,848	190.66	0.02
38.90	0.00	5,842	190.66	0.02
39.00	0.00	5,836	190.66	0.02
39.10	0.00	5,830	190.66	0.02
39.20	0.00	5,824	190.66	0.02
39.30	0.00	5,818	190.66	0.02
39.40	0.00	5,812	190.66	0.02
39.50	0.00	5,807	190.66	0.02
39.60	0.00	5,801	190.66	0.02
39.70	0.00	5,796	190.66	0.02
39.80	0.00	5,790	190.66	0.01
39.90	0.00	5,785	190.66	0.01
40.00	0.00	5,780	190.66	0.01

Stage-Discharge for Pond B-35: Basin #35

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.00	0.00	190.52	0.00	191.04	0.23	191.56	0.38
190.01	0.00	190.53	0.00	191.05	0.23	191.57	0.38
190.02	0.00	190.54	0.00	191.06	0.24	191.58	0.38
190.03	0.00	190.55	0.00	191.07	0.24	191.59	0.39
190.04	0.00	190.56	0.00	191.08	0.24	191.60	0.39
190.05	0.00	190.57	0.00	191.09	0.25	191.61	0.39
190.06	0.00	190.58	0.00	191.10	0.25	191.62	0.39
190.07	0.00	190.59	0.00	191.11	0.25	191.63	0.39
190.08	0.00	190.60	0.00	191.12	0.26	191.64	0.40
190.09	0.00	190.61	0.00	191.13	0.26	191.65	0.40
190.10	0.00	190.62	0.00	191.14	0.26	191.66	0.40
190.11	0.00	190.63	0.01	191.15	0.27	191.67	0.40
190.12	0.00	190.64	0.01	191.16	0.27	191.68	0.41
190.13	0.00	190.65	0.01	191.17	0.27	191.69	0.41
190.14	0.00	190.66	0.02	191.18	0.28	191.70	0.41
190.15	0.00	190.67	0.02	191.19	0.28	191.71	0.41
190.16	0.00	190.68	0.02	191.20	0.28	191.72	0.41
190.17	0.00	190.69	0.03	191.21	0.29	191.73	0.42
190.18	0.00	190.70	0.03	191.22	0.29	191.74	0.42
190.19	0.00	190.71	0.04	191.23	0.29	191.75	0.42
190.20	0.00	190.72	0.04	191.24	0.30	191.76	0.42
190.21	0.00	190.73	0.05	191.25	0.30	191.77	0.43
190.22	0.00	190.74	0.06	191.26	0.30	191.78	0.43
190.23	0.00	190.75	0.06	191.27	0.30	191.79	0.43
190.24	0.00	190.76	0.07	191.28	0.31	191.80	0.43
190.25	0.00	190.77	0.08	191.29	0.31	191.81	0.43
190.26	0.00	190.78	0.08	191.30	0.31	191.82	0.44
190.27	0.00	190.79	0.09	191.31	0.32	191.83	0.44
190.28	0.00	190.80	0.10	191.32	0.32	191.84	0.44
190.29	0.00	190.81	0.10	191.33	0.32	191.85	0.44
190.30	0.00	190.82	0.11	191.34	0.32	191.86	0.44
190.31	0.00	190.83	0.12	191.35	0.33	191.87	0.45
190.32	0.00	190.84	0.13	191.36	0.33	191.88	0.45
190.33	0.00	190.85	0.13	191.37	0.33	191.89	0.45
190.34	0.00	190.86	0.14	191.38	0.33	191.90	0.45
190.35	0.00	190.87	0.15	191.39	0.34	191.91	0.45
190.36	0.00	190.88	0.15	191.40	0.34	191.92	0.46
190.37	0.00	190.89	0.16	191.41	0.34	191.93	0.46
190.38	0.00	190.90	0.17	191.42	0.34	191.94	0.46
190.39	0.00	190.91	0.17	191.43	0.35	191.95	0.46
190.40	0.00	190.92	0.17	191.44	0.35	191.96	0.46
190.41	0.00	190.93	0.18	191.45	0.35	191.97	0.46
190.42	0.00	190.94	0.18	191.46	0.35	191.98	0.47
190.43	0.00	190.95	0.19	191.47	0.36	191.99	0.47
190.44	0.00	190.96	0.19	191.48	0.36	192.00	0.47
190.45	0.00	190.97	0.20	191.49	0.36	192.01	0.47
190.46	0.00	190.98	0.20	191.50	0.36	192.02	0.47
190.47	0.00	190.99	0.21	191.51	0.37	192.03	0.48
190.48	0.00	191.00	0.21	191.52	0.37	192.04	0.48
190.49	0.00	191.01	0.22	191.53	0.37	192.05	0.48
190.50	0.00	191.02	0.22	191.54	0.37	192.06	0.48
190.51	0.00	191.03	0.22	191.55	0.38	192.07	0.48

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.08	0.49	192.60	0.57	193.12	0.65	193.64	0.71
192.09	0.49	192.61	0.57	193.13	0.65	193.65	0.72
192.10	0.49	192.62	0.58	193.14	0.65	193.66	0.72
192.11	0.49	192.63	0.58	193.15	0.65	193.67	0.72
192.12	0.49	192.64	0.58	193.16	0.65	193.68	0.72
192.13	0.49	192.65	0.58	193.17	0.65	193.69	0.72
192.14	0.50	192.66	0.58	193.18	0.66	193.70	0.72
192.15	0.50	192.67	0.58	193.19	0.66	193.71	0.72
192.16	0.50	192.68	0.58	193.20	0.66	193.72	0.72
192.17	0.50	192.69	0.59	193.21	0.66	193.73	0.73
192.18	0.50	192.70	0.59	193.22	0.66	193.74	0.73
192.19	0.50	192.71	0.59	193.23	0.66	193.75	0.73
192.20	0.51	192.72	0.59	193.24	0.66	193.76	0.73
192.21	0.51	192.73	0.59	193.25	0.66	193.77	0.73
192.22	0.51	192.74	0.59	193.26	0.67	193.78	0.73
192.23	0.51	192.75	0.59	193.27	0.67	193.79	0.73
192.24	0.51	192.76	0.60	193.28	0.67	193.80	0.73
192.25	0.52	192.77	0.60	193.29	0.67	193.81	0.74
192.26	0.52	192.78	0.60	193.30	0.67	193.82	0.74
192.27	0.52	192.79	0.60	193.31	0.67	193.83	0.74
192.28	0.52	192.80	0.60	193.32	0.67	193.84	0.74
192.29	0.52	192.81	0.60	193.33	0.68	193.85	0.74
192.30	0.52	192.82	0.61	193.34	0.68	193.86	0.74
192.31	0.53	192.83	0.61	193.35	0.68	193.87	0.74
192.32	0.53	192.84	0.61	193.36	0.68	193.88	0.74
192.33	0.53	192.85	0.61	193.37	0.68	193.89	0.74
192.34	0.53	192.86	0.61	193.38	0.68	193.90	0.75
192.35	0.53	192.87	0.61	193.39	0.68	193.91	0.75
192.36	0.53	192.88	0.61	193.40	0.68	193.92	0.75
192.37	0.54	192.89	0.62	193.41	0.69	193.93	0.75
192.38	0.54	192.90	0.62	193.42	0.69	193.94	0.75
192.39	0.54	192.91	0.62	193.43	0.69	193.95	0.75
192.40	0.54	192.92	0.62	193.44	0.69	193.96	0.75
192.41	0.54	192.93	0.62	193.45	0.69	193.97	0.75
192.42	0.54	192.94	0.62	193.46	0.69	193.98	0.76
192.43	0.55	192.95	0.62	193.47	0.69	193.99	0.76
192.44	0.55	192.96	0.63	193.48	0.69	194.00	0.76
192.45	0.55	192.97	0.63	193.49	0.70	194.01	0.76
192.46	0.55	192.98	0.63	193.50	0.70	194.02	0.76
192.47	0.55	192.99	0.63	193.51	0.70	194.03	0.76
192.48	0.55	193.00	0.63	193.52	0.70	194.04	0.76
192.49	0.55	193.01	0.63	193.53	0.70	194.05	0.76
192.50	0.56	193.02	0.63	193.54	0.70	194.06	0.76
192.51	0.56	193.03	0.63	193.55	0.70	194.07	0.77
192.52	0.56	193.04	0.64	193.56	0.70	194.08	0.77
192.53	0.56	193.05	0.64	193.57	0.71	194.09	0.77
192.54	0.56	193.06	0.64	193.58	0.71	194.10	0.77
192.55	0.56	193.07	0.64	193.59	0.71	194.11	0.78
192.56	0.57	193.08	0.64	193.60	0.71	194.12	0.81
192.57	0.57	193.09	0.64	193.61	0.71	194.13	0.84
192.58	0.57	193.10	0.64	193.62	0.71	194.14	0.88
192.59	0.57	193.11	0.65	193.63	0.71	194.15	0.92

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.16	0.97	194.68	15.46
194.17	1.02	194.69	16.37
194.18	1.07	194.70	17.30
194.19	1.13	194.71	18.29
194.20	1.19	194.72	19.31
194.21	1.26	194.73	20.36
194.22	1.32	194.74	21.43
194.23	1.39	194.75	22.53
194.24	1.47	194.76	23.65
194.25	1.54	194.77	24.80
194.26	1.62	194.78	25.98
194.27	1.70	194.79	27.18
194.28	1.78	194.80	28.41
194.29	1.86	194.81	29.66
194.30	1.95	194.82	30.94
194.31	2.04	194.83	32.24
194.32	2.13	194.84	33.57
194.33	2.22	194.85	34.92
194.34	2.32	194.86	36.30
194.35	2.41	194.87	37.71
194.36	2.51	194.88	39.14
194.37	2.61	194.89	40.59
194.38	2.71	194.90	42.07
194.39	2.82	194.91	43.60
194.40	2.92	194.92	45.16
194.41	3.03	194.93	46.75
194.42	3.14	194.94	48.36
194.43	3.25	194.95	50.00
194.44	3.36	194.96	51.66
194.45	3.47	194.97	53.35
194.46	3.58	194.98	55.07
194.47	3.70	194.99	56.82
194.48	3.82	195.00	58.60
194.49	3.94		
194.50	4.06		
194.51	4.30		
194.52	4.63		
194.53	5.03		
194.54	5.49		
194.55	5.99		
194.56	6.53		
194.57	7.11		
194.58	7.73		
194.59	8.37		
194.60	9.05		
194.61	9.76		
194.62	10.50		
194.63	11.26		
194.64	12.05		
194.65	12.86		
194.66	13.70		
194.67	14.57		

Stage-Area-Storage for Pond B-35: Basin #35

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.00	8,819	0	190.52	8,819	4,586
190.01	8,819	88	190.53	8,819	4,674
190.02	8,819	176	190.54	8,819	4,762
190.03	8,819	265	190.55	8,819	4,850
190.04	8,819	353	190.56	8,819	4,939
190.05	8,819	441	190.57	8,819	5,027
190.06	8,819	529	190.58	8,819	5,115
190.07	8,819	617	190.59	8,819	5,203
190.08	8,819	706	190.60	8,819	5,291
190.09	8,819	794	190.61	8,819	5,380
190.10	8,819	882	190.62	8,819	5,468
190.11	8,819	970	190.63	8,819	5,556
190.12	8,819	1,058	190.64	8,819	5,644
190.13	8,819	1,146	190.65	8,819	5,732
190.14	8,819	1,235	190.66	8,819	5,821
190.15	8,819	1,323	190.67	8,819	5,909
190.16	8,819	1,411	190.68	8,819	5,997
190.17	8,819	1,499	190.69	8,819	6,085
190.18	8,819	1,587	190.70	8,819	6,173
190.19	8,819	1,676	190.71	8,819	6,261
190.20	8,819	1,764	190.72	8,819	6,350
190.21	8,819	1,852	190.73	8,819	6,438
190.22	8,819	1,940	190.74	8,819	6,526
190.23	8,819	2,028	190.75	8,819	6,614
190.24	8,819	2,117	190.76	8,819	6,702
190.25	8,819	2,205	190.77	8,819	6,791
190.26	8,819	2,293	190.78	8,819	6,879
190.27	8,819	2,381	190.79	8,819	6,967
190.28	8,819	2,469	190.80	8,819	7,055
190.29	8,819	2,558	190.81	8,819	7,143
190.30	8,819	2,646	190.82	8,819	7,232
190.31	8,819	2,734	190.83	8,819	7,320
190.32	8,819	2,822	190.84	8,819	7,408
190.33	8,819	2,910	190.85	8,819	7,496
190.34	8,819	2,998	190.86	8,819	7,584
190.35	8,819	3,087	190.87	8,819	7,673
190.36	8,819	3,175	190.88	8,819	7,761
190.37	8,819	3,263	190.89	8,819	7,849
190.38	8,819	3,351	190.90	8,819	7,937
190.39	8,819	3,439	190.91	8,819	8,025
190.40	8,819	3,528	190.92	8,819	8,113
190.41	8,819	3,616	190.93	8,819	8,202
190.42	8,819	3,704	190.94	8,819	8,290
190.43	8,819	3,792	190.95	8,819	8,378
190.44	8,819	3,880	190.96	8,819	8,466
190.45	8,819	3,969	190.97	8,819	8,554
190.46	8,819	4,057	190.98	8,819	8,643
190.47	8,819	4,145	190.99	8,819	8,731
190.48	8,819	4,233	191.00	8,819	8,819
190.49	8,819	4,321	191.01	8,819	8,907
190.50	8,819	4,410	191.02	8,819	8,995
190.51	8,819	4,498	191.03	8,819	9,084

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.04	8,819	9,172	191.56	8,819	13,758
191.05	8,819	9,260	191.57	8,819	13,846
191.06	8,819	9,348	191.58	8,819	13,934
191.07	8,819	9,436	191.59	8,819	14,022
191.08	8,819	9,525	191.60	8,819	14,110
191.09	8,819	9,613	191.61	8,819	14,199
191.10	8,819	9,701	191.62	8,819	14,287
191.11	8,819	9,789	191.63	8,819	14,375
191.12	8,819	9,877	191.64	8,819	14,463
191.13	8,819	9,965	191.65	8,819	14,551
191.14	8,819	10,054	191.66	8,819	14,640
191.15	8,819	10,142	191.67	8,819	14,728
191.16	8,819	10,230	191.68	8,819	14,816
191.17	8,819	10,318	191.69	8,819	14,904
191.18	8,819	10,406	191.70	8,819	14,992
191.19	8,819	10,495	191.71	8,819	15,080
191.20	8,819	10,583	191.72	8,819	15,169
191.21	8,819	10,671	191.73	8,819	15,257
191.22	8,819	10,759	191.74	8,819	15,345
191.23	8,819	10,847	191.75	8,819	15,433
191.24	8,819	10,936	191.76	8,819	15,521
191.25	8,819	11,024	191.77	8,819	15,610
191.26	8,819	11,112	191.78	8,819	15,698
191.27	8,819	11,200	191.79	8,819	15,786
191.28	8,819	11,288	191.80	8,819	15,874
191.29	8,819	11,377	191.81	8,819	15,962
191.30	8,819	11,465	191.82	8,819	16,051
191.31	8,819	11,553	191.83	8,819	16,139
191.32	8,819	11,641	191.84	8,819	16,227
191.33	8,819	11,729	191.85	8,819	16,315
191.34	8,819	11,817	191.86	8,819	16,403
191.35	8,819	11,906	191.87	8,819	16,492
191.36	8,819	11,994	191.88	8,819	16,580
191.37	8,819	12,082	191.89	8,819	16,668
191.38	8,819	12,170	191.90	8,819	16,756
191.39	8,819	12,258	191.91	8,819	16,844
191.40	8,819	12,347	191.92	8,819	16,932
191.41	8,819	12,435	191.93	8,819	17,021
191.42	8,819	12,523	191.94	8,819	17,109
191.43	8,819	12,611	191.95	8,819	17,197
191.44	8,819	12,699	191.96	8,819	17,285
191.45	8,819	12,788	191.97	8,819	17,373
191.46	8,819	12,876	191.98	8,819	17,462
191.47	8,819	12,964	191.99	8,819	17,550
191.48	8,819	13,052	192.00	8,819	17,638
191.49	8,819	13,140	192.01	8,819	17,726
191.50	8,819	13,229	192.02	8,819	17,814
191.51	8,819	13,317	192.03	8,819	17,903
191.52	8,819	13,405	192.04	8,819	17,991
191.53	8,819	13,493	192.05	8,819	18,079
191.54	8,819	13,581	192.06	8,819	18,167
191.55	8,819	13,669	192.07	8,819	18,255

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.08	8,819	18,344	192.60	8,819	22,929
192.09	8,819	18,432	192.61	8,819	23,018
192.10	8,819	18,520	192.62	8,819	23,106
192.11	8,819	18,608	192.63	8,819	23,194
192.12	8,819	18,696	192.64	8,819	23,282
192.13	8,819	18,784	192.65	8,819	23,370
192.14	8,819	18,873	192.66	8,819	23,459
192.15	8,819	18,961	192.67	8,819	23,547
192.16	8,819	19,049	192.68	8,819	23,635
192.17	8,819	19,137	192.69	8,819	23,723
192.18	8,819	19,225	192.70	8,819	23,811
192.19	8,819	19,314	192.71	8,819	23,899
192.20	8,819	19,402	192.72	8,819	23,988
192.21	8,819	19,490	192.73	8,819	24,076
192.22	8,819	19,578	192.74	8,819	24,164
192.23	8,819	19,666	192.75	8,819	24,252
192.24	8,819	19,755	192.76	8,819	24,340
192.25	8,819	19,843	192.77	8,819	24,429
192.26	8,819	19,931	192.78	8,819	24,517
192.27	8,819	20,019	192.79	8,819	24,605
192.28	8,819	20,107	192.80	8,819	24,693
192.29	8,819	20,196	192.81	8,819	24,781
192.30	8,819	20,284	192.82	8,819	24,870
192.31	8,819	20,372	192.83	8,819	24,958
192.32	8,819	20,460	192.84	8,819	25,046
192.33	8,819	20,548	192.85	8,819	25,134
192.34	8,819	20,636	192.86	8,819	25,222
192.35	8,819	20,725	192.87	8,819	25,311
192.36	8,819	20,813	192.88	8,819	25,399
192.37	8,819	20,901	192.89	8,819	25,487
192.38	8,819	20,989	192.90	8,819	25,575
192.39	8,819	21,077	192.91	8,819	25,663
192.40	8,819	21,166	192.92	8,819	25,751
192.41	8,819	21,254	192.93	8,819	25,840
192.42	8,819	21,342	192.94	8,819	25,928
192.43	8,819	21,430	192.95	8,819	26,016
192.44	8,819	21,518	192.96	8,819	26,104
192.45	8,819	21,607	192.97	8,819	26,192
192.46	8,819	21,695	192.98	8,819	26,281
192.47	8,819	21,783	192.99	8,819	26,369
192.48	8,819	21,871	193.00	8,819	26,457
192.49	8,819	21,959	193.01	8,819	26,545
192.50	8,819	22,048	193.02	8,819	26,633
192.51	8,819	22,136	193.03	8,819	26,722
192.52	8,819	22,224	193.04	8,819	26,810
192.53	8,819	22,312	193.05	8,819	26,898
192.54	8,819	22,400	193.06	8,819	26,986
192.55	8,819	22,488	193.07	8,819	27,074
192.56	8,819	22,577	193.08	8,819	27,163
192.57	8,819	22,665	193.09	8,819	27,251
192.58	8,819	22,753	193.10	8,819	27,339
192.59	8,819	22,841	193.11	8,819	27,427

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.12	8,819	27,515	193.64	8,819	32,101
193.13	8,819	27,603	193.65	8,819	32,189
193.14	8,819	27,692	193.66	8,819	32,278
193.15	8,819	27,780	193.67	8,819	32,366
193.16	8,819	27,868	193.68	8,819	32,454
193.17	8,819	27,956	193.69	8,819	32,542
193.18	8,819	28,044	193.70	8,819	32,630
193.19	8,819	28,133	193.71	8,819	32,718
193.20	8,819	28,221	193.72	8,819	32,807
193.21	8,819	28,309	193.73	8,819	32,895
193.22	8,819	28,397	193.74	8,819	32,983
193.23	8,819	28,485	193.75	8,819	33,071
193.24	8,819	28,574	193.76	8,819	33,159
193.25	8,819	28,662	193.77	8,819	33,248
193.26	8,819	28,750	193.78	8,819	33,336
193.27	8,819	28,838	193.79	8,819	33,424
193.28	8,819	28,926	193.80	8,819	33,512
193.29	8,819	29,015	193.81	8,819	33,600
193.30	8,819	29,103	193.82	8,819	33,689
193.31	8,819	29,191	193.83	8,819	33,777
193.32	8,819	29,279	193.84	8,819	33,865
193.33	8,819	29,367	193.85	8,819	33,953
193.34	8,819	29,455	193.86	8,819	34,041
193.35	8,819	29,544	193.87	8,819	34,130
193.36	8,819	29,632	193.88	8,819	34,218
193.37	8,819	29,720	193.89	8,819	34,306
193.38	8,819	29,808	193.90	8,819	34,394
193.39	8,819	29,896	193.91	8,819	34,482
193.40	8,819	29,985	193.92	8,819	34,570
193.41	8,819	30,073	193.93	8,819	34,659
193.42	8,819	30,161	193.94	8,819	34,747
193.43	8,819	30,249	193.95	8,819	34,835
193.44	8,819	30,337	193.96	8,819	34,923
193.45	8,819	30,426	193.97	8,819	35,011
193.46	8,819	30,514	193.98	8,819	35,100
193.47	8,819	30,602	193.99	8,819	35,188
193.48	8,819	30,690	194.00	8,819	35,276
193.49	8,819	30,778	194.01	8,819	35,364
193.50	8,819	30,867	194.02	8,819	35,452
193.51	8,819	30,955	194.03	8,819	35,541
193.52	8,819	31,043	194.04	8,819	35,629
193.53	8,819	31,131	194.05	8,819	35,717
193.54	8,819	31,219	194.06	8,819	35,805
193.55	8,819	31,307	194.07	8,819	35,893
193.56	8,819	31,396	194.08	8,819	35,982
193.57	8,819	31,484	194.09	8,819	36,070
193.58	8,819	31,572	194.10	8,819	36,158
193.59	8,819	31,660	194.11	8,819	36,246
193.60	8,819	31,748	194.12	8,819	36,334
193.61	8,819	31,837	194.13	8,819	36,422
193.62	8,819	31,925	194.14	8,819	36,511
193.63	8,819	32,013	194.15	8,819	36,599

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.16	8,819	36,687	194.68	8,819	41,273
194.17	8,819	36,775	194.69	8,819	41,361
194.18	8,819	36,863	194.70	8,819	41,449
194.19	8,819	36,952	194.71	8,819	41,537
194.20	8,819	37,040	194.72	8,819	41,626
194.21	8,819	37,128	194.73	8,819	41,714
194.22	8,819	37,216	194.74	8,819	41,802
194.23	8,819	37,304	194.75	8,819	41,890
194.24	8,819	37,393	194.76	8,819	41,978
194.25	8,819	37,481	194.77	8,819	42,067
194.26	8,819	37,569	194.78	8,819	42,155
194.27	8,819	37,657	194.79	8,819	42,243
194.28	8,819	37,745	194.80	8,819	42,331
194.29	8,819	37,834	194.81	8,819	42,419
194.30	8,819	37,922	194.82	8,819	42,508
194.31	8,819	38,010	194.83	8,819	42,596
194.32	8,819	38,098	194.84	8,819	42,684
194.33	8,819	38,186	194.85	8,819	42,772
194.34	8,819	38,274	194.86	8,819	42,860
194.35	8,819	38,363	194.87	8,819	42,949
194.36	8,819	38,451	194.88	8,819	43,037
194.37	8,819	38,539	194.89	8,819	43,125
194.38	8,819	38,627	194.90	8,819	43,213
194.39	8,819	38,715	194.91	8,819	43,301
194.40	8,819	38,804	194.92	8,819	43,389
194.41	8,819	38,892	194.93	8,819	43,478
194.42	8,819	38,980	194.94	8,819	43,566
194.43	8,819	39,068	194.95	8,819	43,654
194.44	8,819	39,156	194.96	8,819	43,742
194.45	8,819	39,245	194.97	8,819	43,830
194.46	8,819	39,333	194.98	8,819	43,919
194.47	8,819	39,421	194.99	8,819	44,007
194.48	8,819	39,509	195.00	8,819	44,095
194.49	8,819	39,597			
194.50	8,819	39,686			
194.51	8,819	39,774			
194.52	8,819	39,862			
194.53	8,819	39,950			
194.54	8,819	40,038			
194.55	8,819	40,126			
194.56	8,819	40,215			
194.57	8,819	40,303			
194.58	8,819	40,391			
194.59	8,819	40,479			
194.60	8,819	40,567			
194.61	8,819	40,656			
194.62	8,819	40,744			
194.63	8,819	40,832			
194.64	8,819	40,920			
194.65	8,819	41,008			
194.66	8,819	41,097			
194.67	8,819	41,185			

Summary for Pond B-36A: Basin #36A

Inflow Area = 2.377 ac, 40.60% Impervious, Inflow Depth = 3.88" for Future 10 yr event
 Inflow = 8.42 cfs @ 12.09 hrs, Volume= 0.768 af
 Outflow = 2.14 cfs @ 12.77 hrs, Volume= 0.709 af, Atten= 75%, Lag= 40.8 min
 Primary = 2.14 cfs @ 12.77 hrs, Volume= 0.709 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.24' @ 12.77 hrs Surf.Area= 6,083 sf Storage= 13,652 cf

Plug-Flow detention time= 173.6 min calculated for 0.709 af (92% of inflow)
 Center-of-Mass det. time= 131.5 min (943.8 - 812.2)

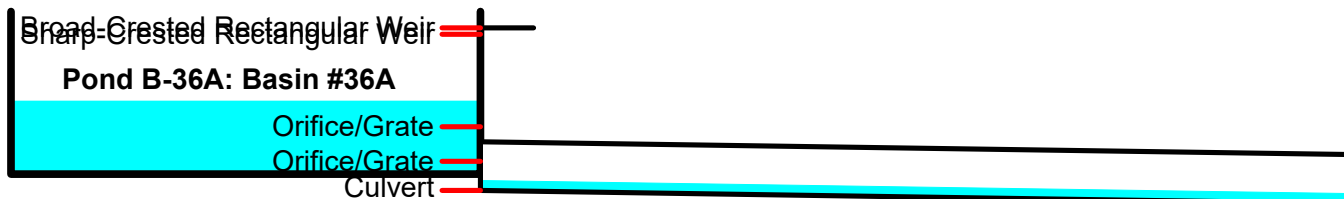
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	30,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	6,083	0	0
192.00	6,083	6,083	6,083
193.00	6,083	6,083	12,166
194.00	6,083	6,083	18,249
195.00	6,083	6,083	24,332
196.00	6,083	6,083	30,415

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.40'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	192.46'	9.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	195.30'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

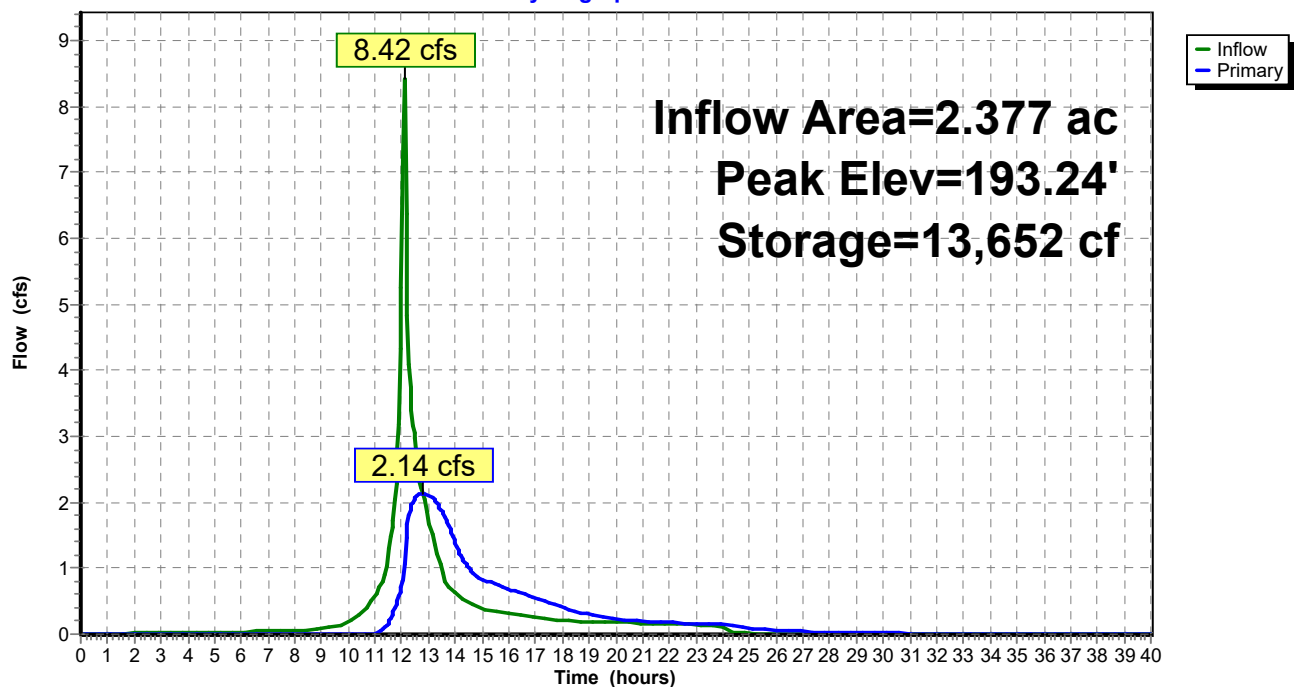
Primary OutFlow Max=2.14 cfs @ 12.77 hrs HW=193.24' (Free Discharge)

1=Culvert (Passes 2.14 cfs of 10.50 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.19 cfs @ 6.08 fps)
 3=Orifice/Grate (Orifice Controls 0.94 cfs @ 3.77 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-36A: Basin #36A

Hydrograph



Hydrograph for Pond B-36A: Basin #36A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	1	191.00	0.00
0.90	0.00	2	191.00	0.00
1.00	0.00	3	191.00	0.00
1.10	0.01	5	191.00	0.00
1.20	0.01	8	191.00	0.00
1.30	0.01	10	191.00	0.00
1.40	0.01	14	191.00	0.00
1.50	0.01	17	191.00	0.00
1.60	0.01	21	191.00	0.00
1.70	0.01	26	191.00	0.00
1.80	0.01	31	191.01	0.00
1.90	0.01	36	191.01	0.00
2.00	0.02	41	191.01	0.00
2.10	0.02	47	191.01	0.00
2.20	0.02	53	191.01	0.00
2.30	0.02	59	191.01	0.00
2.40	0.02	65	191.01	0.00
2.50	0.02	72	191.01	0.00
2.60	0.02	79	191.01	0.00
2.70	0.02	86	191.01	0.00
2.80	0.02	94	191.02	0.00
2.90	0.02	101	191.02	0.00
3.00	0.02	109	191.02	0.00
3.10	0.02	117	191.02	0.00
3.20	0.02	126	191.02	0.00
3.30	0.02	134	191.02	0.00
3.40	0.02	143	191.02	0.00
3.50	0.03	152	191.02	0.00
3.60	0.03	161	191.03	0.00
3.70	0.03	170	191.03	0.00
3.80	0.03	180	191.03	0.00
3.90	0.03	189	191.03	0.00
4.00	0.03	199	191.03	0.00
4.10	0.03	209	191.03	0.00
4.20	0.03	219	191.04	0.00
4.30	0.03	229	191.04	0.00
4.40	0.03	240	191.04	0.00
4.50	0.03	250	191.04	0.00
4.60	0.03	261	191.04	0.00
4.70	0.03	272	191.04	0.00
4.80	0.03	283	191.05	0.00
4.90	0.03	294	191.05	0.00
5.00	0.03	305	191.05	0.00
5.10	0.03	317	191.05	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	328	191.05	0.00
5.30	0.03	340	191.06	0.00
5.40	0.03	352	191.06	0.00
5.50	0.03	364	191.06	0.00
5.60	0.03	376	191.06	0.00
5.70	0.03	388	191.06	0.00
5.80	0.03	401	191.07	0.00
5.90	0.03	413	191.07	0.00
6.00	0.04	426	191.07	0.00
6.10	0.04	439	191.07	0.00
6.20	0.04	452	191.07	0.00
6.30	0.04	466	191.08	0.00
6.40	0.04	480	191.08	0.00
6.50	0.04	494	191.08	0.00
6.60	0.04	509	191.08	0.00
6.70	0.04	524	191.09	0.00
6.80	0.04	539	191.09	0.00
6.90	0.04	555	191.09	0.00
7.00	0.05	571	191.09	0.00
7.10	0.05	588	191.10	0.00
7.20	0.05	605	191.10	0.00
7.30	0.05	622	191.10	0.00
7.40	0.05	640	191.11	0.00
7.50	0.05	658	191.11	0.00
7.60	0.05	676	191.11	0.00
7.70	0.05	695	191.11	0.00
7.80	0.05	714	191.12	0.00
7.90	0.05	734	191.12	0.00
8.00	0.06	754	191.12	0.00
8.10	0.06	774	191.13	0.00
8.20	0.06	795	191.13	0.00
8.30	0.06	817	191.13	0.00
8.40	0.06	839	191.14	0.00
8.50	0.07	862	191.14	0.00
8.60	0.07	886	191.15	0.00
8.70	0.07	911	191.15	0.00
8.80	0.07	937	191.15	0.00
8.90	0.08	964	191.16	0.00
9.00	0.08	992	191.16	0.00
9.10	0.08	1,021	191.17	0.00
9.20	0.09	1,053	191.17	0.00
9.30	0.10	1,087	191.18	0.00
9.40	0.10	1,123	191.18	0.00
9.50	0.11	1,161	191.19	0.00
9.60	0.12	1,202	191.20	0.00
9.70	0.12	1,245	191.20	0.00
9.80	0.14	1,294	191.21	0.00
9.90	0.16	1,349	191.22	0.00
10.00	0.19	1,414	191.23	0.00
10.10	0.22	1,488	191.24	0.00
10.20	0.24	1,571	191.26	0.00
10.30	0.27	1,664	191.27	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.30	1,767	191.29	0.00
10.50	0.32	1,878	191.31	0.00
10.60	0.36	2,001	191.33	0.00
10.70	0.41	2,140	191.35	0.00
10.80	0.45	2,295	191.38	0.00
10.90	0.51	2,469	191.41	0.00
11.00	0.56	2,660	191.44	0.01
11.10	0.64	2,874	191.47	0.02
11.20	0.73	3,112	191.51	0.04
11.30	0.83	3,375	191.55	0.07
11.40	0.93	3,661	191.60	0.11
11.50	1.06	3,967	191.65	0.17
11.60	1.48	4,357	191.72	0.25
11.70	1.72	4,827	191.79	0.35
11.80	2.28	5,407	191.89	0.46
11.90	3.18	6,210	192.02	0.58
12.00	5.26	7,516	192.24	0.72
12.10	8.39	9,741	192.60	1.05
12.20	4.82	11,569	192.90	1.68
12.30	3.75	12,432	193.04	1.89
12.40	3.17	12,965	193.13	2.00
12.50	2.98	13,336	193.19	2.08
12.60	2.46	13,553	193.23	2.12
12.70	2.27	13,635	193.24	2.13
12.80	2.09	13,650	193.24	2.14
12.90	1.91	13,602	193.24	2.13
13.00	1.73	13,495	193.22	2.11
13.10	1.55	13,333	193.19	2.08
13.20	1.40	13,124	193.16	2.03
13.30	1.26	12,879	193.12	1.98
13.40	1.11	12,601	193.07	1.92
13.50	0.97	12,294	193.02	1.86
13.60	0.83	11,961	192.97	1.78
13.70	0.75	11,619	192.91	1.69
13.80	0.69	11,284	192.86	1.60
13.90	0.64	10,967	192.80	1.50
14.00	0.61	10,674	192.75	1.38
14.10	0.58	10,409	192.71	1.28
14.20	0.55	10,168	192.67	1.19
14.30	0.53	9,946	192.64	1.12
14.40	0.50	9,742	192.60	1.05
14.50	0.48	9,551	192.57	1.00
14.60	0.46	9,372	192.54	0.95
14.70	0.44	9,201	192.51	0.91
14.80	0.43	9,036	192.49	0.88
14.90	0.41	8,875	192.46	0.85
15.00	0.39	8,714	192.43	0.84
15.10	0.37	8,552	192.41	0.82
15.20	0.36	8,390	192.38	0.81
15.30	0.35	8,229	192.35	0.79
15.40	0.34	8,072	192.33	0.78
15.50	0.34	7,917	192.30	0.76

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	7,766	192.28	0.75
15.70	0.33	7,617	192.25	0.73
15.80	0.32	7,472	192.23	0.72
15.90	0.32	7,330	192.21	0.70
16.00	0.31	7,192	192.18	0.69
16.10	0.31	7,057	192.16	0.68
16.20	0.30	6,925	192.14	0.66
16.30	0.29	6,797	192.12	0.65
16.40	0.29	6,672	192.10	0.63
16.50	0.28	6,551	192.08	0.62
16.60	0.28	6,433	192.06	0.60
16.70	0.28	6,318	192.04	0.59
16.80	0.27	6,207	192.02	0.58
16.90	0.27	6,099	192.00	0.56
17.00	0.26	5,994	191.99	0.55
17.10	0.26	5,892	191.97	0.53
17.20	0.25	5,794	191.95	0.52
17.30	0.25	5,699	191.94	0.51
17.40	0.24	5,607	191.92	0.49
17.50	0.24	5,518	191.91	0.48
17.60	0.23	5,432	191.89	0.47
17.70	0.23	5,349	191.88	0.45
17.80	0.22	5,269	191.87	0.44
17.90	0.22	5,192	191.85	0.43
18.00	0.21	5,117	191.84	0.41
18.10	0.21	5,046	191.83	0.40
18.20	0.20	4,979	191.82	0.39
18.30	0.20	4,916	191.81	0.37
18.40	0.20	4,857	191.80	0.36
18.50	0.20	4,801	191.79	0.35
18.60	0.20	4,749	191.78	0.34
18.70	0.20	4,701	191.77	0.33
18.80	0.19	4,655	191.77	0.32
18.90	0.19	4,613	191.76	0.31
19.00	0.19	4,573	191.75	0.30
19.10	0.19	4,536	191.75	0.29
19.20	0.19	4,501	191.74	0.28
19.30	0.19	4,468	191.73	0.28
19.40	0.19	4,438	191.73	0.27
19.50	0.19	4,409	191.72	0.26
19.60	0.18	4,382	191.72	0.26
19.70	0.18	4,357	191.72	0.25
19.80	0.18	4,334	191.71	0.25
19.90	0.18	4,311	191.71	0.24
20.00	0.18	4,290	191.71	0.24
20.10	0.18	4,270	191.70	0.23
20.20	0.18	4,251	191.70	0.23
20.30	0.18	4,234	191.70	0.22
20.40	0.17	4,216	191.69	0.22
20.50	0.17	4,200	191.69	0.22
20.60	0.17	4,185	191.69	0.21
20.70	0.17	4,170	191.69	0.21

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	4,156	191.68	0.21
20.90	0.17	4,142	191.68	0.21
21.00	0.17	4,129	191.68	0.20
21.10	0.17	4,117	191.68	0.20
21.20	0.17	4,105	191.67	0.20
21.30	0.16	4,093	191.67	0.20
21.40	0.16	4,082	191.67	0.19
21.50	0.16	4,071	191.67	0.19
21.60	0.16	4,060	191.67	0.19
21.70	0.16	4,050	191.67	0.19
21.80	0.16	4,040	191.66	0.18
21.90	0.16	4,031	191.66	0.18
22.00	0.16	4,022	191.66	0.18
22.10	0.15	4,012	191.66	0.18
22.20	0.15	4,004	191.66	0.18
22.30	0.15	3,995	191.66	0.18
22.40	0.15	3,987	191.66	0.17
22.50	0.15	3,978	191.65	0.17
22.60	0.15	3,970	191.65	0.17
22.70	0.15	3,962	191.65	0.17
22.80	0.15	3,954	191.65	0.17
22.90	0.14	3,947	191.65	0.17
23.00	0.14	3,939	191.65	0.16
23.10	0.14	3,932	191.65	0.16
23.20	0.14	3,924	191.65	0.16
23.30	0.14	3,916	191.64	0.16
23.40	0.14	3,909	191.64	0.16
23.50	0.14	3,902	191.64	0.16
23.60	0.14	3,894	191.64	0.16
23.70	0.14	3,887	191.64	0.15
23.80	0.13	3,880	191.64	0.15
23.90	0.13	3,873	191.64	0.15
24.00	0.15	3,869	191.64	0.15
24.10	0.06	3,851	191.63	0.15
24.20	0.04	3,816	191.63	0.14
24.30	0.04	3,780	191.62	0.14
24.40	0.03	3,744	191.62	0.13
24.50	0.02	3,709	191.61	0.12
24.60	0.02	3,674	191.60	0.12
24.70	0.02	3,641	191.60	0.11
24.80	0.02	3,609	191.59	0.11
24.90	0.02	3,578	191.59	0.10
25.00	0.01	3,548	191.58	0.10
25.10	0.01	3,519	191.58	0.09
25.20	0.01	3,492	191.57	0.09
25.30	0.01	3,465	191.57	0.08
25.40	0.01	3,439	191.57	0.08
25.50	0.01	3,415	191.56	0.08
25.60	0.01	3,391	191.56	0.07
25.70	0.01	3,369	191.55	0.07
25.80	0.01	3,347	191.55	0.07
25.90	0.01	3,326	191.55	0.06

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.01	3,306	191.54	0.06
26.10	0.01	3,287	191.54	0.06
26.20	0.00	3,268	191.54	0.06
26.30	0.00	3,250	191.53	0.05
26.40	0.00	3,232	191.53	0.05
26.50	0.00	3,215	191.53	0.05
26.60	0.00	3,198	191.53	0.05
26.70	0.00	3,182	191.52	0.05
26.80	0.00	3,167	191.52	0.04
26.90	0.00	3,152	191.52	0.04
27.00	0.00	3,138	191.52	0.04
27.10	0.00	3,124	191.51	0.04
27.20	0.00	3,111	191.51	0.04
27.30	0.00	3,098	191.51	0.04
27.40	0.00	3,085	191.51	0.04
27.50	0.00	3,073	191.51	0.03
27.60	0.00	3,062	191.50	0.03
27.70	0.00	3,051	191.50	0.03
27.80	0.00	3,040	191.50	0.03
27.90	0.00	3,030	191.50	0.03
28.00	0.00	3,020	191.50	0.03
28.10	0.00	3,010	191.49	0.03
28.20	0.00	3,000	191.49	0.03
28.30	0.00	2,991	191.49	0.03
28.40	0.00	2,982	191.49	0.03
28.50	0.00	2,973	191.49	0.03
28.60	0.00	2,964	191.49	0.02
28.70	0.00	2,956	191.49	0.02
28.80	0.00	2,947	191.48	0.02
28.90	0.00	2,939	191.48	0.02
29.00	0.00	2,931	191.48	0.02
29.10	0.00	2,924	191.48	0.02
29.20	0.00	2,916	191.48	0.02
29.30	0.00	2,909	191.48	0.02
29.40	0.00	2,902	191.48	0.02
29.50	0.00	2,895	191.48	0.02
29.60	0.00	2,888	191.47	0.02
29.70	0.00	2,881	191.47	0.02
29.80	0.00	2,875	191.47	0.02
29.90	0.00	2,868	191.47	0.02
30.00	0.00	2,862	191.47	0.02
30.10	0.00	2,856	191.47	0.02
30.20	0.00	2,851	191.47	0.02
30.30	0.00	2,845	191.47	0.02
30.40	0.00	2,839	191.47	0.02
30.50	0.00	2,834	191.47	0.01
30.60	0.00	2,829	191.47	0.01
30.70	0.00	2,824	191.46	0.01
30.80	0.00	2,819	191.46	0.01
30.90	0.00	2,814	191.46	0.01
31.00	0.00	2,809	191.46	0.01
31.10	0.00	2,804	191.46	0.01

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,800	191.46	0.01
31.30	0.00	2,795	191.46	0.01
31.40	0.00	2,791	191.46	0.01
31.50	0.00	2,787	191.46	0.01
31.60	0.00	2,783	191.46	0.01
31.70	0.00	2,779	191.46	0.01
31.80	0.00	2,775	191.46	0.01
31.90	0.00	2,771	191.46	0.01
32.00	0.00	2,768	191.46	0.01
32.10	0.00	2,764	191.45	0.01
32.20	0.00	2,761	191.45	0.01
32.30	0.00	2,757	191.45	0.01
32.40	0.00	2,754	191.45	0.01
32.50	0.00	2,751	191.45	0.01
32.60	0.00	2,748	191.45	0.01
32.70	0.00	2,745	191.45	0.01
32.80	0.00	2,742	191.45	0.01
32.90	0.00	2,739	191.45	0.01
33.00	0.00	2,736	191.45	0.01
33.10	0.00	2,733	191.45	0.01
33.20	0.00	2,731	191.45	0.01
33.30	0.00	2,728	191.45	0.01
33.40	0.00	2,725	191.45	0.01
33.50	0.00	2,723	191.45	0.01
33.60	0.00	2,720	191.45	0.01
33.70	0.00	2,717	191.45	0.01
33.80	0.00	2,715	191.45	0.01
33.90	0.00	2,712	191.45	0.01
34.00	0.00	2,710	191.45	0.01
34.10	0.00	2,707	191.45	0.01
34.20	0.00	2,704	191.44	0.01
34.30	0.00	2,702	191.44	0.01
34.40	0.00	2,700	191.44	0.01
34.50	0.00	2,697	191.44	0.01
34.60	0.00	2,695	191.44	0.01
34.70	0.00	2,692	191.44	0.01
34.80	0.00	2,690	191.44	0.01
34.90	0.00	2,688	191.44	0.01
35.00	0.00	2,685	191.44	0.01
35.10	0.00	2,683	191.44	0.01
35.20	0.00	2,681	191.44	0.01
35.30	0.00	2,678	191.44	0.01
35.40	0.00	2,676	191.44	0.01
35.50	0.00	2,674	191.44	0.01
35.60	0.00	2,672	191.44	0.01
35.70	0.00	2,669	191.44	0.01
35.80	0.00	2,667	191.44	0.01
35.90	0.00	2,665	191.44	0.01
36.00	0.00	2,663	191.44	0.01
36.10	0.00	2,661	191.44	0.01
36.20	0.00	2,659	191.44	0.01
36.30	0.00	2,657	191.44	0.01

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,655	191.44	0.01
36.50	0.00	2,653	191.44	0.01
36.60	0.00	2,651	191.44	0.01
36.70	0.00	2,649	191.44	0.01
36.80	0.00	2,647	191.44	0.01
36.90	0.00	2,645	191.43	0.01
37.00	0.00	2,643	191.43	0.01
37.10	0.00	2,641	191.43	0.01
37.20	0.00	2,639	191.43	0.01
37.30	0.00	2,637	191.43	0.01
37.40	0.00	2,635	191.43	0.01
37.50	0.00	2,633	191.43	0.01
37.60	0.00	2,632	191.43	0.01
37.70	0.00	2,630	191.43	0.01
37.80	0.00	2,628	191.43	0.00
37.90	0.00	2,626	191.43	0.00
38.00	0.00	2,624	191.43	0.00
38.10	0.00	2,623	191.43	0.00
38.20	0.00	2,621	191.43	0.00
38.30	0.00	2,619	191.43	0.00
38.40	0.00	2,617	191.43	0.00
38.50	0.00	2,616	191.43	0.00
38.60	0.00	2,614	191.43	0.00
38.70	0.00	2,612	191.43	0.00
38.80	0.00	2,611	191.43	0.00
38.90	0.00	2,609	191.43	0.00
39.00	0.00	2,608	191.43	0.00
39.10	0.00	2,606	191.43	0.00
39.20	0.00	2,604	191.43	0.00
39.30	0.00	2,603	191.43	0.00
39.40	0.00	2,601	191.43	0.00
39.50	0.00	2,600	191.43	0.00
39.60	0.00	2,598	191.43	0.00
39.70	0.00	2,597	191.43	0.00
39.80	0.00	2,595	191.43	0.00
39.90	0.00	2,594	191.43	0.00
40.00	0.00	2,592	191.43	0.00

Stage-Discharge for Pond B-36A: Basin #36A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.04	192.04	0.59	192.56	0.98
191.01	0.00	191.53	0.05	192.05	0.60	192.57	0.99
191.02	0.00	191.54	0.06	192.06	0.61	192.58	1.01
191.03	0.00	191.55	0.07	192.07	0.61	192.59	1.03
191.04	0.00	191.56	0.07	192.08	0.62	192.60	1.05
191.05	0.00	191.57	0.08	192.09	0.63	192.61	1.07
191.06	0.00	191.58	0.09	192.10	0.63	192.62	1.09
191.07	0.00	191.59	0.10	192.11	0.64	192.63	1.10
191.08	0.00	191.60	0.11	192.12	0.65	192.64	1.12
191.09	0.00	191.61	0.12	192.13	0.66	192.65	1.14
191.10	0.00	191.62	0.13	192.14	0.66	192.66	1.17
191.11	0.00	191.63	0.14	192.15	0.67	192.67	1.19
191.12	0.00	191.64	0.16	192.16	0.68	192.68	1.21
191.13	0.00	191.65	0.17	192.17	0.68	192.69	1.23
191.14	0.00	191.66	0.18	192.18	0.69	192.70	1.25
191.15	0.00	191.67	0.19	192.19	0.69	192.71	1.27
191.16	0.00	191.68	0.20	192.20	0.70	192.72	1.30
191.17	0.00	191.69	0.22	192.21	0.71	192.73	1.32
191.18	0.00	191.70	0.23	192.22	0.71	192.74	1.34
191.19	0.00	191.71	0.24	192.23	0.72	192.75	1.37
191.20	0.00	191.72	0.26	192.24	0.73	192.76	1.39
191.21	0.00	191.73	0.27	192.25	0.73	192.77	1.42
191.22	0.00	191.74	0.28	192.26	0.74	192.78	1.44
191.23	0.00	191.75	0.30	192.27	0.74	192.79	1.47
191.24	0.00	191.76	0.31	192.28	0.75	192.80	1.49
191.25	0.00	191.77	0.32	192.29	0.76	192.81	1.51
191.26	0.00	191.78	0.34	192.30	0.76	192.82	1.53
191.27	0.00	191.79	0.35	192.31	0.77	192.83	1.55
191.28	0.00	191.80	0.36	192.32	0.77	192.84	1.57
191.29	0.00	191.81	0.38	192.33	0.78	192.85	1.59
191.30	0.00	191.82	0.39	192.34	0.79	192.86	1.61
191.31	0.00	191.83	0.40	192.35	0.79	192.87	1.63
191.32	0.00	191.84	0.41	192.36	0.80	192.88	1.64
191.33	0.00	191.85	0.43	192.37	0.80	192.89	1.66
191.34	0.00	191.86	0.44	192.38	0.81	192.90	1.68
191.35	0.00	191.87	0.45	192.39	0.81	192.91	1.69
191.36	0.00	191.88	0.46	192.40	0.82	192.92	1.71
191.37	0.00	191.89	0.47	192.41	0.82	192.93	1.72
191.38	0.00	191.90	0.47	192.42	0.83	192.94	1.74
191.39	0.00	191.91	0.48	192.43	0.83	192.95	1.75
191.40	0.00	191.92	0.49	192.44	0.84	192.96	1.77
191.41	0.00	191.93	0.50	192.45	0.85	192.97	1.78
191.42	0.00	191.94	0.51	192.46	0.85	192.98	1.80
191.43	0.00	191.95	0.52	192.47	0.86	192.99	1.81
191.44	0.01	191.96	0.53	192.48	0.87	193.00	1.83
191.45	0.01	191.97	0.53	192.49	0.88	193.01	1.84
191.46	0.01	191.98	0.54	192.50	0.89	193.02	1.86
191.47	0.02	191.99	0.55	192.51	0.90	193.03	1.87
191.48	0.02	192.00	0.56	192.52	0.92	193.04	1.88
191.49	0.02	192.01	0.57	192.53	0.93	193.05	1.90
191.50	0.03	192.02	0.58	192.54	0.95	193.06	1.91
191.51	0.04	192.03	0.58	192.55	0.96	193.07	1.92

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	1.94	193.60	2.51	194.12	2.96	194.64	3.34
193.09	1.95	193.61	2.52	194.13	2.96	194.65	3.35
193.10	1.96	193.62	2.53	194.14	2.97	194.66	3.36
193.11	1.97	193.63	2.53	194.15	2.98	194.67	3.36
193.12	1.99	193.64	2.54	194.16	2.99	194.68	3.37
193.13	2.00	193.65	2.55	194.17	3.00	194.69	3.38
193.14	2.01	193.66	2.56	194.18	3.00	194.70	3.38
193.15	2.02	193.67	2.57	194.19	3.01	194.71	3.39
193.16	2.04	193.68	2.58	194.20	3.02	194.72	3.40
193.17	2.05	193.69	2.59	194.21	3.03	194.73	3.40
193.18	2.06	193.70	2.60	194.22	3.03	194.74	3.41
193.19	2.07	193.71	2.61	194.23	3.04	194.75	3.42
193.20	2.09	193.72	2.62	194.24	3.05	194.76	3.42
193.21	2.10	193.73	2.63	194.25	3.06	194.77	3.43
193.22	2.11	193.74	2.64	194.26	3.07	194.78	3.44
193.23	2.12	193.75	2.64	194.27	3.07	194.79	3.45
193.24	2.13	193.76	2.65	194.28	3.08	194.80	3.45
193.25	2.14	193.77	2.66	194.29	3.09	194.81	3.46
193.26	2.15	193.78	2.67	194.30	3.10	194.82	3.47
193.27	2.17	193.79	2.68	194.31	3.10	194.83	3.47
193.28	2.18	193.80	2.69	194.32	3.11	194.84	3.48
193.29	2.19	193.81	2.70	194.33	3.12	194.85	3.49
193.30	2.20	193.82	2.71	194.34	3.13	194.86	3.49
193.31	2.21	193.83	2.72	194.35	3.13	194.87	3.50
193.32	2.22	193.84	2.72	194.36	3.14	194.88	3.51
193.33	2.23	193.85	2.73	194.37	3.15	194.89	3.51
193.34	2.24	193.86	2.74	194.38	3.16	194.90	3.52
193.35	2.25	193.87	2.75	194.39	3.16	194.91	3.53
193.36	2.26	193.88	2.76	194.40	3.17	194.92	3.53
193.37	2.28	193.89	2.77	194.41	3.18	194.93	3.54
193.38	2.29	193.90	2.78	194.42	3.18	194.94	3.55
193.39	2.30	193.91	2.78	194.43	3.19	194.95	3.55
193.40	2.31	193.92	2.79	194.44	3.20	194.96	3.56
193.41	2.32	193.93	2.80	194.45	3.21	194.97	3.56
193.42	2.33	193.94	2.81	194.46	3.21	194.98	3.57
193.43	2.34	193.95	2.82	194.47	3.22	194.99	3.58
193.44	2.35	193.96	2.83	194.48	3.23	195.00	3.58
193.45	2.36	193.97	2.83	194.49	3.24	195.01	3.59
193.46	2.37	193.98	2.84	194.50	3.24	195.02	3.60
193.47	2.38	193.99	2.85	194.51	3.25	195.03	3.60
193.48	2.39	194.00	2.86	194.52	3.26	195.04	3.61
193.49	2.40	194.01	2.87	194.53	3.26	195.05	3.62
193.50	2.41	194.02	2.88	194.54	3.27	195.06	3.62
193.51	2.42	194.03	2.88	194.55	3.28	195.07	3.63
193.52	2.43	194.04	2.89	194.56	3.29	195.08	3.64
193.53	2.44	194.05	2.90	194.57	3.29	195.09	3.64
193.54	2.45	194.06	2.91	194.58	3.30	195.10	3.65
193.55	2.46	194.07	2.92	194.59	3.31	195.11	3.66
193.56	2.47	194.08	2.92	194.60	3.31	195.12	3.66
193.57	2.48	194.09	2.93	194.61	3.32	195.13	3.67
193.58	2.49	194.10	2.94	194.62	3.33	195.14	3.67
193.59	2.50	194.11	2.95	194.63	3.34	195.15	3.68

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.16	3.69	195.68	14.49
195.17	3.69	195.69	15.32
195.18	3.70	195.70	16.17
195.19	3.71	195.71	17.08
195.20	3.71	195.72	18.01
195.21	3.72	195.73	18.98
195.22	3.72	195.74	19.97
195.23	3.73	195.75	20.98
195.24	3.74	195.76	22.02
195.25	3.74	195.77	23.09
195.26	3.75	195.78	24.18
195.27	3.76	195.79	25.29
195.28	3.76	195.80	26.44
195.29	3.77	195.81	27.60
195.30	3.77	195.82	28.79
195.31	3.79	195.83	30.01
195.32	3.80	195.84	31.25
195.33	3.83	195.85	32.52
195.34	3.85	195.86	33.81
195.35	3.88	195.87	35.12
195.36	3.91	195.88	36.46
195.37	3.94	195.89	37.83
195.38	3.97	195.90	39.21
195.39	4.00	195.91	40.65
195.40	4.04	195.92	42.12
195.41	4.08	195.93	43.61
195.42	4.12	195.94	45.13
195.43	4.16	195.95	46.68
195.44	4.20	195.96	48.25
195.45	4.24	195.97	49.85
195.46	4.28	195.98	51.48
195.47	4.33	195.99	53.13
195.48	4.37	196.00	54.81
195.49	4.42		
195.50	4.47		
195.51	4.63		
195.52	4.90		
195.53	5.23		
195.54	5.61		
195.55	6.03		
195.56	6.50		
195.57	7.00		
195.58	7.54		
195.59	8.11		
195.60	8.71		
195.61	9.35		
195.62	10.00		
195.63	10.69		
195.64	11.40		
195.65	12.14		
195.66	12.90		
195.67	13.68		

Stage-Area-Storage for Pond B-36A: Basin #36A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	6,083	0	191.52	6,083	3,163
191.01	6,083	61	191.53	6,083	3,224
191.02	6,083	122	191.54	6,083	3,285
191.03	6,083	182	191.55	6,083	3,346
191.04	6,083	243	191.56	6,083	3,406
191.05	6,083	304	191.57	6,083	3,467
191.06	6,083	365	191.58	6,083	3,528
191.07	6,083	426	191.59	6,083	3,589
191.08	6,083	487	191.60	6,083	3,650
191.09	6,083	547	191.61	6,083	3,711
191.10	6,083	608	191.62	6,083	3,771
191.11	6,083	669	191.63	6,083	3,832
191.12	6,083	730	191.64	6,083	3,893
191.13	6,083	791	191.65	6,083	3,954
191.14	6,083	852	191.66	6,083	4,015
191.15	6,083	912	191.67	6,083	4,076
191.16	6,083	973	191.68	6,083	4,136
191.17	6,083	1,034	191.69	6,083	4,197
191.18	6,083	1,095	191.70	6,083	4,258
191.19	6,083	1,156	191.71	6,083	4,319
191.20	6,083	1,217	191.72	6,083	4,380
191.21	6,083	1,277	191.73	6,083	4,441
191.22	6,083	1,338	191.74	6,083	4,501
191.23	6,083	1,399	191.75	6,083	4,562
191.24	6,083	1,460	191.76	6,083	4,623
191.25	6,083	1,521	191.77	6,083	4,684
191.26	6,083	1,582	191.78	6,083	4,745
191.27	6,083	1,642	191.79	6,083	4,806
191.28	6,083	1,703	191.80	6,083	4,866
191.29	6,083	1,764	191.81	6,083	4,927
191.30	6,083	1,825	191.82	6,083	4,988
191.31	6,083	1,886	191.83	6,083	5,049
191.32	6,083	1,947	191.84	6,083	5,110
191.33	6,083	2,007	191.85	6,083	5,171
191.34	6,083	2,068	191.86	6,083	5,231
191.35	6,083	2,129	191.87	6,083	5,292
191.36	6,083	2,190	191.88	6,083	5,353
191.37	6,083	2,251	191.89	6,083	5,414
191.38	6,083	2,312	191.90	6,083	5,475
191.39	6,083	2,372	191.91	6,083	5,536
191.40	6,083	2,433	191.92	6,083	5,596
191.41	6,083	2,494	191.93	6,083	5,657
191.42	6,083	2,555	191.94	6,083	5,718
191.43	6,083	2,616	191.95	6,083	5,779
191.44	6,083	2,677	191.96	6,083	5,840
191.45	6,083	2,737	191.97	6,083	5,901
191.46	6,083	2,798	191.98	6,083	5,961
191.47	6,083	2,859	191.99	6,083	6,022
191.48	6,083	2,920	192.00	6,083	6,083
191.49	6,083	2,981	192.01	6,083	6,144
191.50	6,083	3,042	192.02	6,083	6,205
191.51	6,083	3,102	192.03	6,083	6,265

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	6,083	6,326	192.56	6,083	9,489
192.05	6,083	6,387	192.57	6,083	9,550
192.06	6,083	6,448	192.58	6,083	9,611
192.07	6,083	6,509	192.59	6,083	9,672
192.08	6,083	6,570	192.60	6,083	9,733
192.09	6,083	6,630	192.61	6,083	9,794
192.10	6,083	6,691	192.62	6,083	9,854
192.11	6,083	6,752	192.63	6,083	9,915
192.12	6,083	6,813	192.64	6,083	9,976
192.13	6,083	6,874	192.65	6,083	10,037
192.14	6,083	6,935	192.66	6,083	10,098
192.15	6,083	6,995	192.67	6,083	10,159
192.16	6,083	7,056	192.68	6,083	10,219
192.17	6,083	7,117	192.69	6,083	10,280
192.18	6,083	7,178	192.70	6,083	10,341
192.19	6,083	7,239	192.71	6,083	10,402
192.20	6,083	7,300	192.72	6,083	10,463
192.21	6,083	7,360	192.73	6,083	10,524
192.22	6,083	7,421	192.74	6,083	10,584
192.23	6,083	7,482	192.75	6,083	10,645
192.24	6,083	7,543	192.76	6,083	10,706
192.25	6,083	7,604	192.77	6,083	10,767
192.26	6,083	7,665	192.78	6,083	10,828
192.27	6,083	7,725	192.79	6,083	10,889
192.28	6,083	7,786	192.80	6,083	10,949
192.29	6,083	7,847	192.81	6,083	11,010
192.30	6,083	7,908	192.82	6,083	11,071
192.31	6,083	7,969	192.83	6,083	11,132
192.32	6,083	8,030	192.84	6,083	11,193
192.33	6,083	8,090	192.85	6,083	11,254
192.34	6,083	8,151	192.86	6,083	11,314
192.35	6,083	8,212	192.87	6,083	11,375
192.36	6,083	8,273	192.88	6,083	11,436
192.37	6,083	8,334	192.89	6,083	11,497
192.38	6,083	8,395	192.90	6,083	11,558
192.39	6,083	8,455	192.91	6,083	11,619
192.40	6,083	8,516	192.92	6,083	11,679
192.41	6,083	8,577	192.93	6,083	11,740
192.42	6,083	8,638	192.94	6,083	11,801
192.43	6,083	8,699	192.95	6,083	11,862
192.44	6,083	8,760	192.96	6,083	11,923
192.45	6,083	8,820	192.97	6,083	11,984
192.46	6,083	8,881	192.98	6,083	12,044
192.47	6,083	8,942	192.99	6,083	12,105
192.48	6,083	9,003	193.00	6,083	12,166
192.49	6,083	9,064	193.01	6,083	12,227
192.50	6,083	9,125	193.02	6,083	12,288
192.51	6,083	9,185	193.03	6,083	12,348
192.52	6,083	9,246	193.04	6,083	12,409
192.53	6,083	9,307	193.05	6,083	12,470
192.54	6,083	9,368	193.06	6,083	12,531
192.55	6,083	9,429	193.07	6,083	12,592

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	6,083	12,653	193.60	6,083	15,816
193.09	6,083	12,713	193.61	6,083	15,877
193.10	6,083	12,774	193.62	6,083	15,937
193.11	6,083	12,835	193.63	6,083	15,998
193.12	6,083	12,896	193.64	6,083	16,059
193.13	6,083	12,957	193.65	6,083	16,120
193.14	6,083	13,018	193.66	6,083	16,181
193.15	6,083	13,078	193.67	6,083	16,242
193.16	6,083	13,139	193.68	6,083	16,302
193.17	6,083	13,200	193.69	6,083	16,363
193.18	6,083	13,261	193.70	6,083	16,424
193.19	6,083	13,322	193.71	6,083	16,485
193.20	6,083	13,383	193.72	6,083	16,546
193.21	6,083	13,443	193.73	6,083	16,607
193.22	6,083	13,504	193.74	6,083	16,667
193.23	6,083	13,565	193.75	6,083	16,728
193.24	6,083	13,626	193.76	6,083	16,789
193.25	6,083	13,687	193.77	6,083	16,850
193.26	6,083	13,748	193.78	6,083	16,911
193.27	6,083	13,808	193.79	6,083	16,972
193.28	6,083	13,869	193.80	6,083	17,032
193.29	6,083	13,930	193.81	6,083	17,093
193.30	6,083	13,991	193.82	6,083	17,154
193.31	6,083	14,052	193.83	6,083	17,215
193.32	6,083	14,113	193.84	6,083	17,276
193.33	6,083	14,173	193.85	6,083	17,337
193.34	6,083	14,234	193.86	6,083	17,397
193.35	6,083	14,295	193.87	6,083	17,458
193.36	6,083	14,356	193.88	6,083	17,519
193.37	6,083	14,417	193.89	6,083	17,580
193.38	6,083	14,478	193.90	6,083	17,641
193.39	6,083	14,538	193.91	6,083	17,702
193.40	6,083	14,599	193.92	6,083	17,762
193.41	6,083	14,660	193.93	6,083	17,823
193.42	6,083	14,721	193.94	6,083	17,884
193.43	6,083	14,782	193.95	6,083	17,945
193.44	6,083	14,843	193.96	6,083	18,006
193.45	6,083	14,903	193.97	6,083	18,067
193.46	6,083	14,964	193.98	6,083	18,127
193.47	6,083	15,025	193.99	6,083	18,188
193.48	6,083	15,086	194.00	6,083	18,249
193.49	6,083	15,147	194.01	6,083	18,310
193.50	6,083	15,208	194.02	6,083	18,371
193.51	6,083	15,268	194.03	6,083	18,431
193.52	6,083	15,329	194.04	6,083	18,492
193.53	6,083	15,390	194.05	6,083	18,553
193.54	6,083	15,451	194.06	6,083	18,614
193.55	6,083	15,512	194.07	6,083	18,675
193.56	6,083	15,572	194.08	6,083	18,736
193.57	6,083	15,633	194.09	6,083	18,796
193.58	6,083	15,694	194.10	6,083	18,857
193.59	6,083	15,755	194.11	6,083	18,918

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	6,083	18,979	194.64	6,083	22,142
194.13	6,083	19,040	194.65	6,083	22,203
194.14	6,083	19,101	194.66	6,083	22,264
194.15	6,083	19,161	194.67	6,083	22,325
194.16	6,083	19,222	194.68	6,083	22,385
194.17	6,083	19,283	194.69	6,083	22,446
194.18	6,083	19,344	194.70	6,083	22,507
194.19	6,083	19,405	194.71	6,083	22,568
194.20	6,083	19,466	194.72	6,083	22,629
194.21	6,083	19,526	194.73	6,083	22,690
194.22	6,083	19,587	194.74	6,083	22,750
194.23	6,083	19,648	194.75	6,083	22,811
194.24	6,083	19,709	194.76	6,083	22,872
194.25	6,083	19,770	194.77	6,083	22,933
194.26	6,083	19,831	194.78	6,083	22,994
194.27	6,083	19,891	194.79	6,083	23,055
194.28	6,083	19,952	194.80	6,083	23,115
194.29	6,083	20,013	194.81	6,083	23,176
194.30	6,083	20,074	194.82	6,083	23,237
194.31	6,083	20,135	194.83	6,083	23,298
194.32	6,083	20,196	194.84	6,083	23,359
194.33	6,083	20,256	194.85	6,083	23,420
194.34	6,083	20,317	194.86	6,083	23,480
194.35	6,083	20,378	194.87	6,083	23,541
194.36	6,083	20,439	194.88	6,083	23,602
194.37	6,083	20,500	194.89	6,083	23,663
194.38	6,083	20,561	194.90	6,083	23,724
194.39	6,083	20,621	194.91	6,083	23,785
194.40	6,083	20,682	194.92	6,083	23,845
194.41	6,083	20,743	194.93	6,083	23,906
194.42	6,083	20,804	194.94	6,083	23,967
194.43	6,083	20,865	194.95	6,083	24,028
194.44	6,083	20,926	194.96	6,083	24,089
194.45	6,083	20,986	194.97	6,083	24,150
194.46	6,083	21,047	194.98	6,083	24,210
194.47	6,083	21,108	194.99	6,083	24,271
194.48	6,083	21,169	195.00	6,083	24,332
194.49	6,083	21,230	195.01	6,083	24,393
194.50	6,083	21,291	195.02	6,083	24,454
194.51	6,083	21,351	195.03	6,083	24,514
194.52	6,083	21,412	195.04	6,083	24,575
194.53	6,083	21,473	195.05	6,083	24,636
194.54	6,083	21,534	195.06	6,083	24,697
194.55	6,083	21,595	195.07	6,083	24,758
194.56	6,083	21,655	195.08	6,083	24,819
194.57	6,083	21,716	195.09	6,083	24,879
194.58	6,083	21,777	195.10	6,083	24,940
194.59	6,083	21,838	195.11	6,083	25,001
194.60	6,083	21,899	195.12	6,083	25,062
194.61	6,083	21,960	195.13	6,083	25,123
194.62	6,083	22,020	195.14	6,083	25,184
194.63	6,083	22,081	195.15	6,083	25,244

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	6,083	25,305	195.68	6,083	28,468
195.17	6,083	25,366	195.69	6,083	28,529
195.18	6,083	25,427	195.70	6,083	28,590
195.19	6,083	25,488	195.71	6,083	28,651
195.20	6,083	25,549	195.72	6,083	28,712
195.21	6,083	25,609	195.73	6,083	28,773
195.22	6,083	25,670	195.74	6,083	28,833
195.23	6,083	25,731	195.75	6,083	28,894
195.24	6,083	25,792	195.76	6,083	28,955
195.25	6,083	25,853	195.77	6,083	29,016
195.26	6,083	25,914	195.78	6,083	29,077
195.27	6,083	25,974	195.79	6,083	29,138
195.28	6,083	26,035	195.80	6,083	29,198
195.29	6,083	26,096	195.81	6,083	29,259
195.30	6,083	26,157	195.82	6,083	29,320
195.31	6,083	26,218	195.83	6,083	29,381
195.32	6,083	26,279	195.84	6,083	29,442
195.33	6,083	26,339	195.85	6,083	29,503
195.34	6,083	26,400	195.86	6,083	29,563
195.35	6,083	26,461	195.87	6,083	29,624
195.36	6,083	26,522	195.88	6,083	29,685
195.37	6,083	26,583	195.89	6,083	29,746
195.38	6,083	26,644	195.90	6,083	29,807
195.39	6,083	26,704	195.91	6,083	29,868
195.40	6,083	26,765	195.92	6,083	29,928
195.41	6,083	26,826	195.93	6,083	29,989
195.42	6,083	26,887	195.94	6,083	30,050
195.43	6,083	26,948	195.95	6,083	30,111
195.44	6,083	27,009	195.96	6,083	30,172
195.45	6,083	27,069	195.97	6,083	30,233
195.46	6,083	27,130	195.98	6,083	30,293
195.47	6,083	27,191	195.99	6,083	30,354
195.48	6,083	27,252	196.00	6,083	30,415
195.49	6,083	27,313			
195.50	6,083	27,374			
195.51	6,083	27,434			
195.52	6,083	27,495			
195.53	6,083	27,556			
195.54	6,083	27,617			
195.55	6,083	27,678			
195.56	6,083	27,738			
195.57	6,083	27,799			
195.58	6,083	27,860			
195.59	6,083	27,921			
195.60	6,083	27,982			
195.61	6,083	28,043			
195.62	6,083	28,103			
195.63	6,083	28,164			
195.64	6,083	28,225			
195.65	6,083	28,286			
195.66	6,083	28,347			
195.67	6,083	28,408			

Summary for Pond B-36B: Basin #36B

Inflow Area = 2.469 ac, 46.54% Impervious, Inflow Depth = 4.21" for Future 10 yr event
 Inflow = 13.23 cfs @ 12.09 hrs, Volume= 0.866 af
 Outflow = 5.54 cfs @ 12.21 hrs, Volume= 0.757 af, Atten= 58%, Lag= 7.4 min
 Primary = 5.54 cfs @ 12.21 hrs, Volume= 0.757 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 193.94' @ 12.21 hrs Surf.Area= 5,527 sf Storage= 16,251 cf

Plug-Flow detention time= 195.1 min calculated for 0.756 af (87% of inflow)
 Center-of-Mass det. time= 134.9 min (912.2 - 777.3)

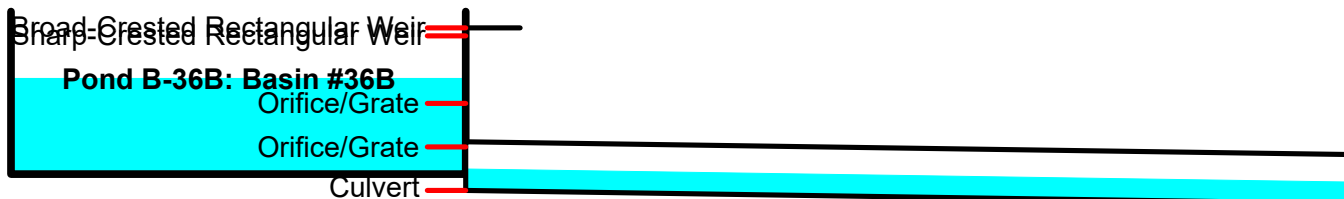
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	27,635 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	5,527	0	0
192.00	5,527	5,527	5,527
193.00	5,527	5,527	11,054
194.00	5,527	5,527	16,581
195.00	5,527	5,527	22,108
196.00	5,527	5,527	27,635

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.84'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.18'	24.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	195.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

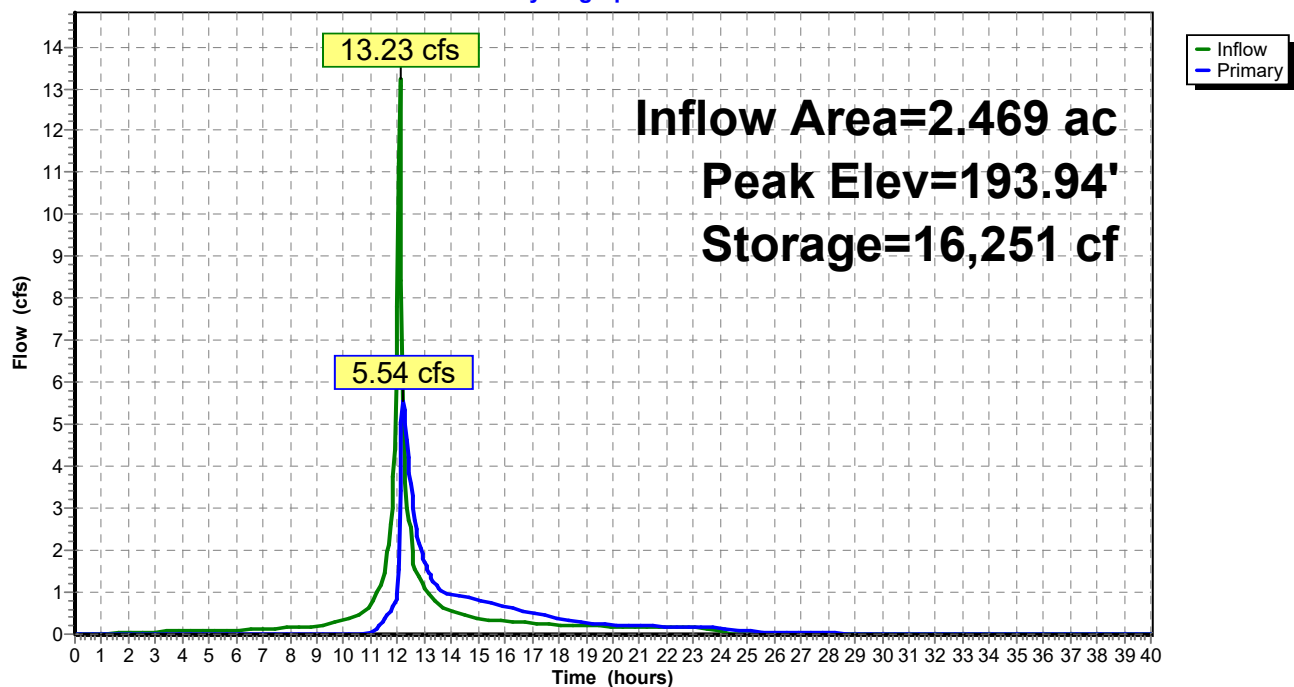
Primary OutFlow Max=5.48 cfs @ 12.21 hrs HW=193.93' (Free Discharge)

1=Culvert (Passes 5.48 cfs of 12.51 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.28 cfs @ 6.54 fps)
 3=Orifice/Grate (Orifice Controls 4.20 cfs @ 2.79 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-36B: Basin #36B

Hydrograph



Hydrograph for Pond B-36B: Basin #36B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	1	191.00	0.00
0.90	0.01	3	191.00	0.00
1.00	0.01	7	191.00	0.00
1.10	0.02	12	191.00	0.00
1.20	0.02	18	191.00	0.00
1.30	0.02	25	191.00	0.00
1.40	0.03	34	191.01	0.00
1.50	0.03	44	191.01	0.00
1.60	0.03	54	191.01	0.00
1.70	0.03	66	191.01	0.00
1.80	0.04	79	191.01	0.00
1.90	0.04	92	191.02	0.00
2.00	0.04	107	191.02	0.00
2.10	0.04	122	191.02	0.00
2.20	0.05	138	191.02	0.00
2.30	0.05	155	191.03	0.00
2.40	0.05	172	191.03	0.00
2.50	0.05	190	191.03	0.00
2.60	0.05	209	191.04	0.00
2.70	0.06	229	191.04	0.00
2.80	0.06	249	191.05	0.00
2.90	0.06	270	191.05	0.00
3.00	0.06	291	191.05	0.00
3.10	0.06	313	191.06	0.00
3.20	0.06	336	191.06	0.00
3.30	0.06	359	191.06	0.00
3.40	0.07	383	191.07	0.00
3.50	0.07	407	191.07	0.00
3.60	0.07	432	191.08	0.00
3.70	0.07	457	191.08	0.00
3.80	0.07	483	191.09	0.00
3.90	0.07	509	191.09	0.00
4.00	0.07	536	191.10	0.00
4.10	0.08	563	191.10	0.00
4.20	0.08	590	191.11	0.00
4.30	0.08	618	191.11	0.00
4.40	0.08	647	191.12	0.00
4.50	0.08	676	191.12	0.00
4.60	0.08	705	191.13	0.00
4.70	0.08	735	191.13	0.00
4.80	0.08	765	191.14	0.00
4.90	0.09	795	191.14	0.00
5.00	0.09	826	191.15	0.00
5.10	0.09	857	191.16	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	889	191.16	0.00
5.30	0.09	921	191.17	0.00
5.40	0.09	953	191.17	0.00
5.50	0.09	986	191.18	0.00
5.60	0.09	1,019	191.18	0.00
5.70	0.09	1,053	191.19	0.00
5.80	0.09	1,087	191.20	0.00
5.90	0.10	1,121	191.20	0.00
6.00	0.10	1,155	191.21	0.00
6.10	0.10	1,191	191.22	0.00
6.20	0.10	1,227	191.22	0.00
6.30	0.10	1,264	191.23	0.00
6.40	0.11	1,302	191.24	0.00
6.50	0.11	1,341	191.24	0.00
6.60	0.11	1,381	191.25	0.00
6.70	0.12	1,423	191.26	0.00
6.80	0.12	1,465	191.26	0.00
6.90	0.12	1,508	191.27	0.00
7.00	0.12	1,552	191.28	0.00
7.10	0.13	1,597	191.29	0.00
7.20	0.13	1,643	191.30	0.00
7.30	0.13	1,690	191.31	0.00
7.40	0.14	1,739	191.31	0.00
7.50	0.14	1,788	191.32	0.00
7.60	0.14	1,838	191.33	0.00
7.70	0.14	1,889	191.34	0.00
7.80	0.15	1,942	191.35	0.00
7.90	0.15	1,995	191.36	0.00
8.00	0.15	2,049	191.37	0.00
8.10	0.16	2,105	191.38	0.00
8.20	0.16	2,161	191.39	0.00
8.30	0.16	2,220	191.40	0.00
8.40	0.17	2,280	191.41	0.00
8.50	0.17	2,341	191.42	0.00
8.60	0.18	2,404	191.44	0.00
8.70	0.18	2,469	191.45	0.00
8.80	0.19	2,536	191.46	0.00
8.90	0.19	2,604	191.47	0.00
9.00	0.20	2,674	191.48	0.00
9.10	0.21	2,748	191.50	0.00
9.20	0.22	2,825	191.51	0.00
9.30	0.24	2,907	191.53	0.00
9.40	0.25	2,995	191.54	0.00
9.50	0.26	3,087	191.56	0.00
9.60	0.28	3,184	191.58	0.00
9.70	0.29	3,287	191.59	0.00
9.80	0.31	3,395	191.61	0.00
9.90	0.32	3,508	191.63	0.00
10.00	0.34	3,627	191.66	0.00
10.10	0.35	3,752	191.68	0.00
10.20	0.37	3,882	191.70	0.00
10.30	0.39	4,018	191.73	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.40	4,161	191.75	0.00
10.50	0.42	4,309	191.78	0.00
10.60	0.47	4,470	191.81	0.00
10.70	0.53	4,650	191.84	0.00
10.80	0.58	4,850	191.88	0.01
10.90	0.64	5,067	191.92	0.02
11.00	0.70	5,299	191.96	0.04
11.10	0.81	5,550	192.00	0.08
11.20	0.92	5,826	192.05	0.13
11.30	1.04	6,123	192.11	0.19
11.40	1.16	6,438	192.16	0.26
11.50	1.28	6,767	192.22	0.34
11.60	1.95	7,215	192.31	0.44
11.70	2.17	7,784	192.41	0.53
11.80	3.01	8,516	192.54	0.63
11.90	4.37	9,606	192.74	0.76
12.00	7.80	11,532	193.09	0.94
12.10	13.08	14,766	193.67	3.40
12.20	5.50	16,240	193.94	5.53
12.30	3.65	15,907	193.88	5.01
12.40	2.69	15,360	193.78	4.21
12.50	2.49	14,894	193.69	3.57
12.60	1.69	14,441	193.61	3.00
12.70	1.53	14,027	193.54	2.51
12.80	1.40	13,711	193.48	2.18
12.90	1.27	13,454	193.43	1.92
13.00	1.14	13,231	193.39	1.72
13.10	1.01	13,027	193.36	1.54
13.20	0.93	12,845	193.32	1.40
13.30	0.86	12,682	193.29	1.29
13.40	0.79	12,530	193.27	1.20
13.50	0.72	12,385	193.24	1.11
13.60	0.65	12,239	193.21	1.05
13.70	0.63	12,100	193.19	1.00
13.80	0.61	11,966	193.16	0.98
13.90	0.59	11,829	193.14	0.97
14.00	0.57	11,691	193.12	0.96
14.10	0.55	11,549	193.09	0.95
14.20	0.53	11,406	193.06	0.93
14.30	0.51	11,260	193.04	0.92
14.40	0.49	11,112	193.01	0.91
14.50	0.48	10,962	192.98	0.89
14.60	0.46	10,810	192.96	0.88
14.70	0.44	10,657	192.93	0.87
14.80	0.42	10,502	192.90	0.85
14.90	0.40	10,345	192.87	0.84
15.00	0.38	10,187	192.84	0.82
15.10	0.36	10,027	192.81	0.80
15.20	0.36	9,870	192.79	0.79
15.30	0.35	9,716	192.76	0.77
15.40	0.35	9,566	192.73	0.76
15.50	0.34	9,420	192.70	0.74

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	9,278	192.68	0.73
15.70	0.33	9,140	192.65	0.71
15.80	0.33	9,005	192.63	0.69
15.90	0.32	8,875	192.61	0.68
16.00	0.32	8,748	192.58	0.66
16.10	0.31	8,624	192.56	0.65
16.20	0.31	8,505	192.54	0.63
16.30	0.30	8,389	192.52	0.62
16.40	0.30	8,277	192.50	0.60
16.50	0.29	8,168	192.48	0.59
16.60	0.29	8,062	192.46	0.57
16.70	0.28	7,960	192.44	0.56
16.80	0.28	7,862	192.42	0.54
16.90	0.27	7,766	192.41	0.53
17.00	0.27	7,674	192.39	0.52
17.10	0.26	7,586	192.37	0.50
17.20	0.26	7,501	192.36	0.49
17.30	0.25	7,418	192.34	0.47
17.40	0.25	7,339	192.33	0.46
17.50	0.24	7,262	192.31	0.45
17.60	0.24	7,188	192.30	0.44
17.70	0.23	7,117	192.29	0.42
17.80	0.23	7,050	192.28	0.41
17.90	0.22	6,986	192.26	0.39
18.00	0.21	6,926	192.25	0.38
18.10	0.21	6,868	192.24	0.37
18.20	0.21	6,814	192.23	0.35
18.30	0.21	6,764	192.22	0.34
18.40	0.21	6,717	192.22	0.33
18.50	0.20	6,675	192.21	0.32
18.60	0.20	6,635	192.20	0.31
18.70	0.20	6,598	192.19	0.30
18.80	0.20	6,564	192.19	0.29
18.90	0.20	6,532	192.18	0.28
19.00	0.20	6,502	192.18	0.28
19.10	0.20	6,475	192.17	0.27
19.20	0.20	6,449	192.17	0.26
19.30	0.19	6,425	192.16	0.26
19.40	0.19	6,402	192.16	0.25
19.50	0.19	6,381	192.15	0.25
19.60	0.19	6,362	192.15	0.24
19.70	0.19	6,343	192.15	0.24
19.80	0.19	6,326	192.14	0.24
19.90	0.19	6,309	192.14	0.23
20.00	0.19	6,294	192.14	0.23
20.10	0.18	6,279	192.14	0.22
20.20	0.18	6,265	192.13	0.22
20.30	0.18	6,251	192.13	0.22
20.40	0.18	6,238	192.13	0.22
20.50	0.18	6,226	192.13	0.21
20.60	0.18	6,215	192.12	0.21
20.70	0.18	6,204	192.12	0.21

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.18	6,193	192.12	0.21
20.90	0.17	6,182	192.12	0.20
21.00	0.17	6,172	192.12	0.20
21.10	0.17	6,163	192.12	0.20
21.20	0.17	6,153	192.11	0.20
21.30	0.17	6,144	192.11	0.19
21.40	0.17	6,136	192.11	0.19
21.50	0.17	6,127	192.11	0.19
21.60	0.17	6,119	192.11	0.19
21.70	0.16	6,111	192.11	0.19
21.80	0.16	6,103	192.10	0.18
21.90	0.16	6,096	192.10	0.18
22.00	0.16	6,088	192.10	0.18
22.10	0.16	6,081	192.10	0.18
22.20	0.16	6,074	192.10	0.18
22.30	0.16	6,066	192.10	0.18
22.40	0.16	6,059	192.10	0.17
22.50	0.15	6,052	192.10	0.17
22.60	0.15	6,045	192.09	0.17
22.70	0.15	6,038	192.09	0.17
22.80	0.15	6,031	192.09	0.17
22.90	0.15	6,025	192.09	0.17
23.00	0.15	6,018	192.09	0.17
23.10	0.15	6,011	192.09	0.16
23.20	0.14	6,004	192.09	0.16
23.30	0.14	5,998	192.09	0.16
23.40	0.14	5,991	192.08	0.16
23.50	0.14	5,985	192.08	0.16
23.60	0.14	5,978	192.08	0.16
23.70	0.14	5,971	192.08	0.16
23.80	0.14	5,965	192.08	0.16
23.90	0.14	5,958	192.08	0.15
24.00	0.16	5,958	192.08	0.15
24.10	0.01	5,930	192.07	0.15
24.20	0.00	5,880	192.06	0.14
24.30	0.00	5,832	192.06	0.13
24.40	0.00	5,787	192.05	0.12
24.50	0.00	5,746	192.04	0.11
24.60	0.00	5,707	192.03	0.11
24.70	0.00	5,670	192.03	0.10
24.80	0.00	5,635	192.02	0.09
24.90	0.00	5,603	192.01	0.09
25.00	0.00	5,573	192.01	0.08
25.10	0.00	5,544	192.00	0.08
25.20	0.00	5,517	192.00	0.07
25.30	0.00	5,492	191.99	0.07
25.40	0.00	5,468	191.99	0.07
25.50	0.00	5,445	191.99	0.06
25.60	0.00	5,423	191.98	0.06
25.70	0.00	5,402	191.98	0.06
25.80	0.00	5,382	191.97	0.05
25.90	0.00	5,363	191.97	0.05

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,345	191.97	0.05
26.10	0.00	5,327	191.96	0.05
26.20	0.00	5,311	191.96	0.04
26.30	0.00	5,296	191.96	0.04
26.40	0.00	5,281	191.96	0.04
26.50	0.00	5,267	191.95	0.04
26.60	0.00	5,253	191.95	0.04
26.70	0.00	5,240	191.95	0.04
26.80	0.00	5,228	191.95	0.03
26.90	0.00	5,216	191.94	0.03
27.00	0.00	5,204	191.94	0.03
27.10	0.00	5,193	191.94	0.03
27.20	0.00	5,182	191.94	0.03
27.30	0.00	5,171	191.94	0.03
27.40	0.00	5,161	191.93	0.03
27.50	0.00	5,151	191.93	0.03
27.60	0.00	5,141	191.93	0.03
27.70	0.00	5,132	191.93	0.03
27.80	0.00	5,123	191.93	0.02
27.90	0.00	5,114	191.93	0.02
28.00	0.00	5,106	191.92	0.02
28.10	0.00	5,098	191.92	0.02
28.20	0.00	5,090	191.92	0.02
28.30	0.00	5,082	191.92	0.02
28.40	0.00	5,075	191.92	0.02
28.50	0.00	5,068	191.92	0.02
28.60	0.00	5,061	191.92	0.02
28.70	0.00	5,054	191.91	0.02
28.80	0.00	5,047	191.91	0.02
28.90	0.00	5,041	191.91	0.02
29.00	0.00	5,035	191.91	0.02
29.10	0.00	5,029	191.91	0.02
29.20	0.00	5,023	191.91	0.02
29.30	0.00	5,018	191.91	0.02
29.40	0.00	5,013	191.91	0.01
29.50	0.00	5,007	191.91	0.01
29.60	0.00	5,002	191.91	0.01
29.70	0.00	4,998	191.90	0.01
29.80	0.00	4,993	191.90	0.01
29.90	0.00	4,988	191.90	0.01
30.00	0.00	4,984	191.90	0.01
30.10	0.00	4,980	191.90	0.01
30.20	0.00	4,976	191.90	0.01
30.30	0.00	4,972	191.90	0.01
30.40	0.00	4,968	191.90	0.01
30.50	0.00	4,964	191.90	0.01
30.60	0.00	4,960	191.90	0.01
30.70	0.00	4,956	191.90	0.01
30.80	0.00	4,952	191.90	0.01
30.90	0.00	4,949	191.90	0.01
31.00	0.00	4,945	191.89	0.01
31.10	0.00	4,942	191.89	0.01

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,938	191.89	0.01
31.30	0.00	4,935	191.89	0.01
31.40	0.00	4,931	191.89	0.01
31.50	0.00	4,928	191.89	0.01
31.60	0.00	4,924	191.89	0.01
31.70	0.00	4,921	191.89	0.01
31.80	0.00	4,918	191.89	0.01
31.90	0.00	4,915	191.89	0.01
32.00	0.00	4,912	191.89	0.01
32.10	0.00	4,908	191.89	0.01
32.20	0.00	4,905	191.89	0.01
32.30	0.00	4,902	191.89	0.01
32.40	0.00	4,899	191.89	0.01
32.50	0.00	4,896	191.89	0.01
32.60	0.00	4,894	191.89	0.01
32.70	0.00	4,891	191.88	0.01
32.80	0.00	4,888	191.88	0.01
32.90	0.00	4,885	191.88	0.01
33.00	0.00	4,882	191.88	0.01
33.10	0.00	4,880	191.88	0.01
33.20	0.00	4,877	191.88	0.01
33.30	0.00	4,874	191.88	0.01
33.40	0.00	4,872	191.88	0.01
33.50	0.00	4,869	191.88	0.01
33.60	0.00	4,867	191.88	0.01
33.70	0.00	4,864	191.88	0.01
33.80	0.00	4,862	191.88	0.01
33.90	0.00	4,859	191.88	0.01
34.00	0.00	4,857	191.88	0.01
34.10	0.00	4,855	191.88	0.01
34.20	0.00	4,852	191.88	0.01
34.30	0.00	4,850	191.88	0.01
34.40	0.00	4,848	191.88	0.01
34.50	0.00	4,846	191.88	0.01
34.60	0.00	4,844	191.88	0.01
34.70	0.00	4,841	191.88	0.01
34.80	0.00	4,839	191.88	0.01
34.90	0.00	4,837	191.88	0.01
35.00	0.00	4,835	191.87	0.01
35.10	0.00	4,833	191.87	0.01
35.20	0.00	4,831	191.87	0.01
35.30	0.00	4,829	191.87	0.01
35.40	0.00	4,827	191.87	0.01
35.50	0.00	4,825	191.87	0.01
35.60	0.00	4,823	191.87	0.01
35.70	0.00	4,821	191.87	0.01
35.80	0.00	4,820	191.87	0.01
35.90	0.00	4,818	191.87	0.01
36.00	0.00	4,816	191.87	0.00
36.10	0.00	4,814	191.87	0.00
36.20	0.00	4,813	191.87	0.00
36.30	0.00	4,811	191.87	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,809	191.87	0.00
36.50	0.00	4,807	191.87	0.00
36.60	0.00	4,806	191.87	0.00
36.70	0.00	4,804	191.87	0.00
36.80	0.00	4,803	191.87	0.00
36.90	0.00	4,801	191.87	0.00
37.00	0.00	4,799	191.87	0.00
37.10	0.00	4,798	191.87	0.00
37.20	0.00	4,796	191.87	0.00
37.30	0.00	4,795	191.87	0.00
37.40	0.00	4,793	191.87	0.00
37.50	0.00	4,792	191.87	0.00
37.60	0.00	4,791	191.87	0.00
37.70	0.00	4,789	191.87	0.00
37.80	0.00	4,788	191.87	0.00
37.90	0.00	4,786	191.87	0.00
38.00	0.00	4,785	191.87	0.00
38.10	0.00	4,784	191.87	0.00
38.20	0.00	4,782	191.87	0.00
38.30	0.00	4,781	191.87	0.00
38.40	0.00	4,780	191.86	0.00
38.50	0.00	4,779	191.86	0.00
38.60	0.00	4,777	191.86	0.00
38.70	0.00	4,776	191.86	0.00
38.80	0.00	4,775	191.86	0.00
38.90	0.00	4,774	191.86	0.00
39.00	0.00	4,773	191.86	0.00
39.10	0.00	4,771	191.86	0.00
39.20	0.00	4,770	191.86	0.00
39.30	0.00	4,769	191.86	0.00
39.40	0.00	4,768	191.86	0.00
39.50	0.00	4,767	191.86	0.00
39.60	0.00	4,766	191.86	0.00
39.70	0.00	4,765	191.86	0.00
39.80	0.00	4,764	191.86	0.00
39.90	0.00	4,763	191.86	0.00
40.00	0.00	4,762	191.86	0.00

Stage-Discharge for Pond B-36B: Basin #36B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.11	192.56	0.65
191.01	0.00	191.53	0.00	192.05	0.12	192.57	0.66
191.02	0.00	191.54	0.00	192.06	0.13	192.58	0.66
191.03	0.00	191.55	0.00	192.07	0.14	192.59	0.67
191.04	0.00	191.56	0.00	192.08	0.16	192.60	0.68
191.05	0.00	191.57	0.00	192.09	0.17	192.61	0.68
191.06	0.00	191.58	0.00	192.10	0.18	192.62	0.69
191.07	0.00	191.59	0.00	192.11	0.19	192.63	0.69
191.08	0.00	191.60	0.00	192.12	0.20	192.64	0.70
191.09	0.00	191.61	0.00	192.13	0.22	192.65	0.71
191.10	0.00	191.62	0.00	192.14	0.23	192.66	0.71
191.11	0.00	191.63	0.00	192.15	0.24	192.67	0.72
191.12	0.00	191.64	0.00	192.16	0.26	192.68	0.73
191.13	0.00	191.65	0.00	192.17	0.27	192.69	0.73
191.14	0.00	191.66	0.00	192.18	0.28	192.70	0.74
191.15	0.00	191.67	0.00	192.19	0.30	192.71	0.74
191.16	0.00	191.68	0.00	192.20	0.31	192.72	0.75
191.17	0.00	191.69	0.00	192.21	0.32	192.73	0.76
191.18	0.00	191.70	0.00	192.22	0.34	192.74	0.76
191.19	0.00	191.71	0.00	192.23	0.35	192.75	0.77
191.20	0.00	191.72	0.00	192.24	0.36	192.76	0.77
191.21	0.00	191.73	0.00	192.25	0.38	192.77	0.78
191.22	0.00	191.74	0.00	192.26	0.39	192.78	0.79
191.23	0.00	191.75	0.00	192.27	0.40	192.79	0.79
191.24	0.00	191.76	0.00	192.28	0.41	192.80	0.80
191.25	0.00	191.77	0.00	192.29	0.43	192.81	0.80
191.26	0.00	191.78	0.00	192.30	0.44	192.82	0.81
191.27	0.00	191.79	0.00	192.31	0.45	192.83	0.81
191.28	0.00	191.80	0.00	192.32	0.46	192.84	0.82
191.29	0.00	191.81	0.00	192.33	0.47	192.85	0.82
191.30	0.00	191.82	0.00	192.34	0.47	192.86	0.83
191.31	0.00	191.83	0.00	192.35	0.48	192.87	0.83
191.32	0.00	191.84	0.00	192.36	0.49	192.88	0.84
191.33	0.00	191.85	0.00	192.37	0.50	192.89	0.85
191.34	0.00	191.86	0.00	192.38	0.51	192.90	0.85
191.35	0.00	191.87	0.00	192.39	0.52	192.91	0.86
191.36	0.00	191.88	0.01	192.40	0.53	192.92	0.86
191.37	0.00	191.89	0.01	192.41	0.53	192.93	0.87
191.38	0.00	191.90	0.01	192.42	0.54	192.94	0.87
191.39	0.00	191.91	0.02	192.43	0.55	192.95	0.88
191.40	0.00	191.92	0.02	192.44	0.56	192.96	0.88
191.41	0.00	191.93	0.02	192.45	0.57	192.97	0.89
191.42	0.00	191.94	0.03	192.46	0.58	192.98	0.89
191.43	0.00	191.95	0.04	192.47	0.58	192.99	0.90
191.44	0.00	191.96	0.04	192.48	0.59	193.00	0.90
191.45	0.00	191.97	0.05	192.49	0.60	193.01	0.91
191.46	0.00	191.98	0.06	192.50	0.61	193.02	0.91
191.47	0.00	191.99	0.07	192.51	0.61	193.03	0.92
191.48	0.00	192.00	0.07	192.52	0.62	193.04	0.92
191.49	0.00	192.01	0.08	192.53	0.63	193.05	0.93
191.50	0.00	192.02	0.09	192.54	0.63	193.06	0.93
191.51	0.00	192.03	0.10	192.55	0.64	193.07	0.94

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.94	193.60	2.91	194.12	7.20	194.64	10.83
193.09	0.95	193.61	2.98	194.13	7.29	194.65	10.89
193.10	0.95	193.62	3.04	194.14	7.39	194.66	10.94
193.11	0.95	193.63	3.11	194.15	7.49	194.67	10.99
193.12	0.96	193.64	3.18	194.16	7.59	194.68	11.05
193.13	0.96	193.65	3.25	194.17	7.69	194.69	11.10
193.14	0.97	193.66	3.32	194.18	7.79	194.70	11.15
193.15	0.97	193.67	3.39	194.19	7.88	194.71	11.20
193.16	0.98	193.68	3.46	194.20	7.97	194.72	11.25
193.17	0.98	193.69	3.53	194.21	8.05	194.73	11.31
193.18	0.99	193.70	3.61	194.22	8.14	194.74	11.36
193.19	1.00	193.71	3.68	194.23	8.22	194.75	11.41
193.20	1.01	193.72	3.75	194.24	8.30	194.76	11.46
193.21	1.03	193.73	3.83	194.25	8.38	194.77	11.51
193.22	1.06	193.74	3.90	194.26	8.45	194.78	11.56
193.23	1.08	193.75	3.98	194.27	8.53	194.79	11.61
193.24	1.11	193.76	4.06	194.28	8.60	194.80	11.66
193.25	1.14	193.77	4.13	194.29	8.68	194.81	11.71
193.26	1.17	193.78	4.21	194.30	8.75	194.82	11.76
193.27	1.20	193.79	4.29	194.31	8.82	194.83	11.81
193.28	1.23	193.80	4.37	194.32	8.89	194.84	11.86
193.29	1.27	193.81	4.45	194.33	8.96	194.85	11.90
193.30	1.31	193.82	4.53	194.34	9.03	194.86	11.95
193.31	1.35	193.83	4.61	194.35	9.10	194.87	12.00
193.32	1.38	193.84	4.69	194.36	9.16	194.88	12.05
193.33	1.43	193.85	4.78	194.37	9.23	194.89	12.10
193.34	1.47	193.86	4.86	194.38	9.30	194.90	12.14
193.35	1.51	193.87	4.94	194.39	9.36	194.91	12.19
193.36	1.56	193.88	5.02	194.40	9.43	194.92	12.24
193.37	1.60	193.89	5.11	194.41	9.49	194.93	12.29
193.38	1.65	193.90	5.19	194.42	9.55	194.94	12.33
193.39	1.70	193.91	5.28	194.43	9.62	194.95	12.38
193.40	1.74	193.92	5.37	194.44	9.68	194.96	12.43
193.41	1.79	193.93	5.45	194.45	9.74	194.97	12.47
193.42	1.85	193.94	5.54	194.46	9.80	194.98	12.52
193.43	1.90	193.95	5.63	194.47	9.86	194.99	12.56
193.44	1.95	193.96	5.72	194.48	9.92	195.00	12.61
193.45	2.00	193.97	5.80	194.49	9.98	195.01	12.65
193.46	2.06	193.98	5.89	194.50	10.04	195.02	12.70
193.47	2.11	193.99	5.98	194.51	10.10	195.03	12.74
193.48	2.17	194.00	6.07	194.52	10.16	195.04	12.79
193.49	2.23	194.01	6.16	194.53	10.22	195.05	12.83
193.50	2.28	194.02	6.26	194.54	10.28	195.06	12.88
193.51	2.34	194.03	6.35	194.55	10.33	195.07	12.92
193.52	2.40	194.04	6.44	194.56	10.39	195.08	12.97
193.53	2.46	194.05	6.53	194.57	10.45	195.09	13.01
193.54	2.53	194.06	6.63	194.58	10.50	195.10	13.05
193.55	2.59	194.07	6.72	194.59	10.56	195.11	13.10
193.56	2.65	194.08	6.82	194.60	10.61	195.12	13.14
193.57	2.71	194.09	6.91	194.61	10.67	195.13	13.19
193.58	2.78	194.10	7.01	194.62	10.72	195.14	13.23
193.59	2.84	194.11	7.10	194.63	10.78	195.15	13.27

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.16	13.31	195.68	25.55
195.17	13.36	195.69	26.34
195.18	13.40	195.70	27.14
195.19	13.44	195.71	28.01
195.20	13.49	195.72	28.90
195.21	13.53	195.73	29.82
195.22	13.57	195.74	30.77
195.23	13.61	195.75	31.73
195.24	13.65	195.76	32.73
195.25	13.69	195.77	33.75
195.26	13.75	195.78	34.79
195.27	13.81	195.79	35.86
195.28	13.89	195.80	36.95
195.29	13.96	195.81	38.07
195.30	14.05	195.82	39.21
195.31	14.13	195.83	40.37
195.32	14.22	195.84	41.56
195.33	14.32	195.85	42.78
195.34	14.42	195.86	44.02
195.35	14.52	195.87	45.28
195.36	14.62	195.88	46.56
195.37	14.73	195.89	47.87
195.38	14.83	195.90	49.21
195.39	14.95	195.91	50.59
195.40	15.06	195.92	52.01
195.41	15.17	195.93	53.44
195.42	15.29	195.94	54.91
195.43	15.41	195.95	56.40
195.44	15.54	195.96	57.91
195.45	15.66	195.97	59.46
195.46	15.79	195.98	61.02
195.47	15.91	195.99	62.62
195.48	16.04	196.00	64.24
195.49	16.15		
195.50	16.17		
195.51	16.31		
195.52	16.54		
195.53	16.84		
195.54	17.19		
195.55	17.58		
195.56	18.02		
195.57	18.49		
195.58	18.99		
195.59	19.53		
195.60	20.09		
195.61	20.69		
195.62	21.31		
195.63	21.96		
195.64	22.63		
195.65	23.32		
195.66	24.04		
195.67	24.79		

Stage-Area-Storage for Pond B-36B: Basin #36B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	5,527	0	191.52	5,527	2,874
191.01	5,527	55	191.53	5,527	2,929
191.02	5,527	111	191.54	5,527	2,985
191.03	5,527	166	191.55	5,527	3,040
191.04	5,527	221	191.56	5,527	3,095
191.05	5,527	276	191.57	5,527	3,150
191.06	5,527	332	191.58	5,527	3,206
191.07	5,527	387	191.59	5,527	3,261
191.08	5,527	442	191.60	5,527	3,316
191.09	5,527	497	191.61	5,527	3,371
191.10	5,527	553	191.62	5,527	3,427
191.11	5,527	608	191.63	5,527	3,482
191.12	5,527	663	191.64	5,527	3,537
191.13	5,527	719	191.65	5,527	3,593
191.14	5,527	774	191.66	5,527	3,648
191.15	5,527	829	191.67	5,527	3,703
191.16	5,527	884	191.68	5,527	3,758
191.17	5,527	940	191.69	5,527	3,814
191.18	5,527	995	191.70	5,527	3,869
191.19	5,527	1,050	191.71	5,527	3,924
191.20	5,527	1,105	191.72	5,527	3,979
191.21	5,527	1,161	191.73	5,527	4,035
191.22	5,527	1,216	191.74	5,527	4,090
191.23	5,527	1,271	191.75	5,527	4,145
191.24	5,527	1,326	191.76	5,527	4,201
191.25	5,527	1,382	191.77	5,527	4,256
191.26	5,527	1,437	191.78	5,527	4,311
191.27	5,527	1,492	191.79	5,527	4,366
191.28	5,527	1,548	191.80	5,527	4,422
191.29	5,527	1,603	191.81	5,527	4,477
191.30	5,527	1,658	191.82	5,527	4,532
191.31	5,527	1,713	191.83	5,527	4,587
191.32	5,527	1,769	191.84	5,527	4,643
191.33	5,527	1,824	191.85	5,527	4,698
191.34	5,527	1,879	191.86	5,527	4,753
191.35	5,527	1,934	191.87	5,527	4,808
191.36	5,527	1,990	191.88	5,527	4,864
191.37	5,527	2,045	191.89	5,527	4,919
191.38	5,527	2,100	191.90	5,527	4,974
191.39	5,527	2,156	191.91	5,527	5,030
191.40	5,527	2,211	191.92	5,527	5,085
191.41	5,527	2,266	191.93	5,527	5,140
191.42	5,527	2,321	191.94	5,527	5,195
191.43	5,527	2,377	191.95	5,527	5,251
191.44	5,527	2,432	191.96	5,527	5,306
191.45	5,527	2,487	191.97	5,527	5,361
191.46	5,527	2,542	191.98	5,527	5,416
191.47	5,527	2,598	191.99	5,527	5,472
191.48	5,527	2,653	192.00	5,527	5,527
191.49	5,527	2,708	192.01	5,527	5,582
191.50	5,527	2,764	192.02	5,527	5,638
191.51	5,527	2,819	192.03	5,527	5,693

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	5,527	5,748	192.56	5,527	8,622
192.05	5,527	5,803	192.57	5,527	8,677
192.06	5,527	5,859	192.58	5,527	8,733
192.07	5,527	5,914	192.59	5,527	8,788
192.08	5,527	5,969	192.60	5,527	8,843
192.09	5,527	6,024	192.61	5,527	8,898
192.10	5,527	6,080	192.62	5,527	8,954
192.11	5,527	6,135	192.63	5,527	9,009
192.12	5,527	6,190	192.64	5,527	9,064
192.13	5,527	6,246	192.65	5,527	9,120
192.14	5,527	6,301	192.66	5,527	9,175
192.15	5,527	6,356	192.67	5,527	9,230
192.16	5,527	6,411	192.68	5,527	9,285
192.17	5,527	6,467	192.69	5,527	9,341
192.18	5,527	6,522	192.70	5,527	9,396
192.19	5,527	6,577	192.71	5,527	9,451
192.20	5,527	6,632	192.72	5,527	9,506
192.21	5,527	6,688	192.73	5,527	9,562
192.22	5,527	6,743	192.74	5,527	9,617
192.23	5,527	6,798	192.75	5,527	9,672
192.24	5,527	6,853	192.76	5,527	9,728
192.25	5,527	6,909	192.77	5,527	9,783
192.26	5,527	6,964	192.78	5,527	9,838
192.27	5,527	7,019	192.79	5,527	9,893
192.28	5,527	7,075	192.80	5,527	9,949
192.29	5,527	7,130	192.81	5,527	10,004
192.30	5,527	7,185	192.82	5,527	10,059
192.31	5,527	7,240	192.83	5,527	10,114
192.32	5,527	7,296	192.84	5,527	10,170
192.33	5,527	7,351	192.85	5,527	10,225
192.34	5,527	7,406	192.86	5,527	10,280
192.35	5,527	7,461	192.87	5,527	10,335
192.36	5,527	7,517	192.88	5,527	10,391
192.37	5,527	7,572	192.89	5,527	10,446
192.38	5,527	7,627	192.90	5,527	10,501
192.39	5,527	7,683	192.91	5,527	10,557
192.40	5,527	7,738	192.92	5,527	10,612
192.41	5,527	7,793	192.93	5,527	10,667
192.42	5,527	7,848	192.94	5,527	10,722
192.43	5,527	7,904	192.95	5,527	10,778
192.44	5,527	7,959	192.96	5,527	10,833
192.45	5,527	8,014	192.97	5,527	10,888
192.46	5,527	8,069	192.98	5,527	10,943
192.47	5,527	8,125	192.99	5,527	10,999
192.48	5,527	8,180	193.00	5,527	11,054
192.49	5,527	8,235	193.01	5,527	11,109
192.50	5,527	8,291	193.02	5,527	11,165
192.51	5,527	8,346	193.03	5,527	11,220
192.52	5,527	8,401	193.04	5,527	11,275
192.53	5,527	8,456	193.05	5,527	11,330
192.54	5,527	8,512	193.06	5,527	11,386
192.55	5,527	8,567	193.07	5,527	11,441

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	5,527	11,496	193.60	5,527	14,370
193.09	5,527	11,551	193.61	5,527	14,425
193.10	5,527	11,607	193.62	5,527	14,481
193.11	5,527	11,662	193.63	5,527	14,536
193.12	5,527	11,717	193.64	5,527	14,591
193.13	5,527	11,773	193.65	5,527	14,647
193.14	5,527	11,828	193.66	5,527	14,702
193.15	5,527	11,883	193.67	5,527	14,757
193.16	5,527	11,938	193.68	5,527	14,812
193.17	5,527	11,994	193.69	5,527	14,868
193.18	5,527	12,049	193.70	5,527	14,923
193.19	5,527	12,104	193.71	5,527	14,978
193.20	5,527	12,159	193.72	5,527	15,033
193.21	5,527	12,215	193.73	5,527	15,089
193.22	5,527	12,270	193.74	5,527	15,144
193.23	5,527	12,325	193.75	5,527	15,199
193.24	5,527	12,380	193.76	5,527	15,255
193.25	5,527	12,436	193.77	5,527	15,310
193.26	5,527	12,491	193.78	5,527	15,365
193.27	5,527	12,546	193.79	5,527	15,420
193.28	5,527	12,602	193.80	5,527	15,476
193.29	5,527	12,657	193.81	5,527	15,531
193.30	5,527	12,712	193.82	5,527	15,586
193.31	5,527	12,767	193.83	5,527	15,641
193.32	5,527	12,823	193.84	5,527	15,697
193.33	5,527	12,878	193.85	5,527	15,752
193.34	5,527	12,933	193.86	5,527	15,807
193.35	5,527	12,988	193.87	5,527	15,862
193.36	5,527	13,044	193.88	5,527	15,918
193.37	5,527	13,099	193.89	5,527	15,973
193.38	5,527	13,154	193.90	5,527	16,028
193.39	5,527	13,210	193.91	5,527	16,084
193.40	5,527	13,265	193.92	5,527	16,139
193.41	5,527	13,320	193.93	5,527	16,194
193.42	5,527	13,375	193.94	5,527	16,249
193.43	5,527	13,431	193.95	5,527	16,305
193.44	5,527	13,486	193.96	5,527	16,360
193.45	5,527	13,541	193.97	5,527	16,415
193.46	5,527	13,596	193.98	5,527	16,470
193.47	5,527	13,652	193.99	5,527	16,526
193.48	5,527	13,707	194.00	5,527	16,581
193.49	5,527	13,762	194.01	5,527	16,636
193.50	5,527	13,818	194.02	5,527	16,692
193.51	5,527	13,873	194.03	5,527	16,747
193.52	5,527	13,928	194.04	5,527	16,802
193.53	5,527	13,983	194.05	5,527	16,857
193.54	5,527	14,039	194.06	5,527	16,913
193.55	5,527	14,094	194.07	5,527	16,968
193.56	5,527	14,149	194.08	5,527	17,023
193.57	5,527	14,204	194.09	5,527	17,078
193.58	5,527	14,260	194.10	5,527	17,134
193.59	5,527	14,315	194.11	5,527	17,189

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	5,527	17,244	194.64	5,527	20,118
194.13	5,527	17,300	194.65	5,527	20,174
194.14	5,527	17,355	194.66	5,527	20,229
194.15	5,527	17,410	194.67	5,527	20,284
194.16	5,527	17,465	194.68	5,527	20,339
194.17	5,527	17,521	194.69	5,527	20,395
194.18	5,527	17,576	194.70	5,527	20,450
194.19	5,527	17,631	194.71	5,527	20,505
194.20	5,527	17,686	194.72	5,527	20,560
194.21	5,527	17,742	194.73	5,527	20,616
194.22	5,527	17,797	194.74	5,527	20,671
194.23	5,527	17,852	194.75	5,527	20,726
194.24	5,527	17,907	194.76	5,527	20,782
194.25	5,527	17,963	194.77	5,527	20,837
194.26	5,527	18,018	194.78	5,527	20,892
194.27	5,527	18,073	194.79	5,527	20,947
194.28	5,527	18,129	194.80	5,527	21,003
194.29	5,527	18,184	194.81	5,527	21,058
194.30	5,527	18,239	194.82	5,527	21,113
194.31	5,527	18,294	194.83	5,527	21,168
194.32	5,527	18,350	194.84	5,527	21,224
194.33	5,527	18,405	194.85	5,527	21,279
194.34	5,527	18,460	194.86	5,527	21,334
194.35	5,527	18,515	194.87	5,527	21,389
194.36	5,527	18,571	194.88	5,527	21,445
194.37	5,527	18,626	194.89	5,527	21,500
194.38	5,527	18,681	194.90	5,527	21,555
194.39	5,527	18,737	194.91	5,527	21,611
194.40	5,527	18,792	194.92	5,527	21,666
194.41	5,527	18,847	194.93	5,527	21,721
194.42	5,527	18,902	194.94	5,527	21,776
194.43	5,527	18,958	194.95	5,527	21,832
194.44	5,527	19,013	194.96	5,527	21,887
194.45	5,527	19,068	194.97	5,527	21,942
194.46	5,527	19,123	194.98	5,527	21,997
194.47	5,527	19,179	194.99	5,527	22,053
194.48	5,527	19,234	195.00	5,527	22,108
194.49	5,527	19,289	195.01	5,527	22,163
194.50	5,527	19,345	195.02	5,527	22,219
194.51	5,527	19,400	195.03	5,527	22,274
194.52	5,527	19,455	195.04	5,527	22,329
194.53	5,527	19,510	195.05	5,527	22,384
194.54	5,527	19,566	195.06	5,527	22,440
194.55	5,527	19,621	195.07	5,527	22,495
194.56	5,527	19,676	195.08	5,527	22,550
194.57	5,527	19,731	195.09	5,527	22,605
194.58	5,527	19,787	195.10	5,527	22,661
194.59	5,527	19,842	195.11	5,527	22,716
194.60	5,527	19,897	195.12	5,527	22,771
194.61	5,527	19,952	195.13	5,527	22,827
194.62	5,527	20,008	195.14	5,527	22,882
194.63	5,527	20,063	195.15	5,527	22,937

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,527	22,992	195.68	5,527	25,866
195.17	5,527	23,048	195.69	5,527	25,922
195.18	5,527	23,103	195.70	5,527	25,977
195.19	5,527	23,158	195.71	5,527	26,032
195.20	5,527	23,213	195.72	5,527	26,087
195.21	5,527	23,269	195.73	5,527	26,143
195.22	5,527	23,324	195.74	5,527	26,198
195.23	5,527	23,379	195.75	5,527	26,253
195.24	5,527	23,434	195.76	5,527	26,309
195.25	5,527	23,490	195.77	5,527	26,364
195.26	5,527	23,545	195.78	5,527	26,419
195.27	5,527	23,600	195.79	5,527	26,474
195.28	5,527	23,656	195.80	5,527	26,530
195.29	5,527	23,711	195.81	5,527	26,585
195.30	5,527	23,766	195.82	5,527	26,640
195.31	5,527	23,821	195.83	5,527	26,695
195.32	5,527	23,877	195.84	5,527	26,751
195.33	5,527	23,932	195.85	5,527	26,806
195.34	5,527	23,987	195.86	5,527	26,861
195.35	5,527	24,042	195.87	5,527	26,916
195.36	5,527	24,098	195.88	5,527	26,972
195.37	5,527	24,153	195.89	5,527	27,027
195.38	5,527	24,208	195.90	5,527	27,082
195.39	5,527	24,264	195.91	5,527	27,138
195.40	5,527	24,319	195.92	5,527	27,193
195.41	5,527	24,374	195.93	5,527	27,248
195.42	5,527	24,429	195.94	5,527	27,303
195.43	5,527	24,485	195.95	5,527	27,359
195.44	5,527	24,540	195.96	5,527	27,414
195.45	5,527	24,595	195.97	5,527	27,469
195.46	5,527	24,650	195.98	5,527	27,524
195.47	5,527	24,706	195.99	5,527	27,580
195.48	5,527	24,761	196.00	5,527	27,635
195.49	5,527	24,816			
195.50	5,527	24,872			
195.51	5,527	24,927			
195.52	5,527	24,982			
195.53	5,527	25,037			
195.54	5,527	25,093			
195.55	5,527	25,148			
195.56	5,527	25,203			
195.57	5,527	25,258			
195.58	5,527	25,314			
195.59	5,527	25,369			
195.60	5,527	25,424			
195.61	5,527	25,479			
195.62	5,527	25,535			
195.63	5,527	25,590			
195.64	5,527	25,645			
195.65	5,527	25,701			
195.66	5,527	25,756			
195.67	5,527	25,811			

Summary for Pond B-37A: Basin #37A

Inflow Area = 2.154 ac, 39.65% Impervious, Inflow Depth = 4.04" for Future 10 yr event
 Inflow = 9.84 cfs @ 12.09 hrs, Volume= 0.724 af
 Outflow = 2.71 cfs @ 12.37 hrs, Volume= 0.635 af, Atten= 72%, Lag= 16.8 min
 Primary = 2.71 cfs @ 12.37 hrs, Volume= 0.635 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.83' @ 12.37 hrs Surf.Area= 8,125 sf Storage= 14,841 cf

Plug-Flow detention time= 225.1 min calculated for 0.635 af (88% of inflow)
 Center-of-Mass det. time= 166.0 min (949.9 - 783.9)

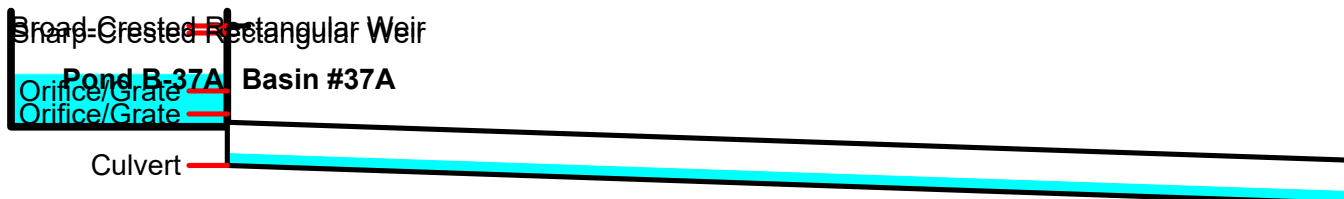
Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	32,500 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	8,125	0	0
195.00	8,125	8,125	8,125
196.00	8,125	8,125	16,250
197.00	8,125	8,125	24,375
198.00	8,125	8,125	32,500

Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.44'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.24'	15.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	197.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	197.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

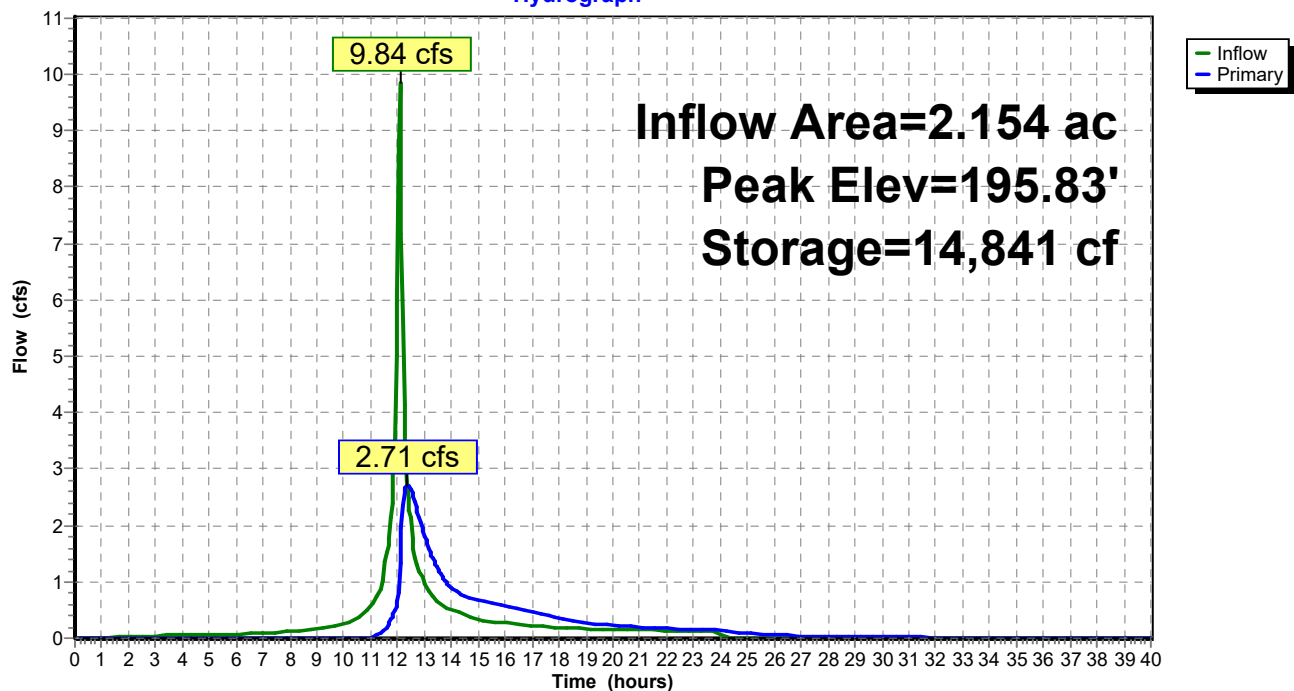
Primary OutFlow Max=2.70 cfs @ 12.37 hrs HW=195.83' (Free Discharge)

1=Culvert (Passes 2.70 cfs of 9.74 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.01 cfs @ 5.13 fps)
 3=Orifice/Grate (Orifice Controls 1.70 cfs @ 2.71 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-37A: Basin #37A

Hydrograph



Hydrograph for Pond B-37A: Basin #37A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.00	1	194.00	0.00
0.90	0.01	3	194.00	0.00
1.00	0.01	6	194.00	0.00
1.10	0.01	10	194.00	0.00
1.20	0.02	15	194.00	0.00
1.30	0.02	21	194.00	0.00
1.40	0.02	28	194.00	0.00
1.50	0.02	35	194.00	0.00
1.60	0.02	44	194.01	0.00
1.70	0.03	53	194.01	0.00
1.80	0.03	62	194.01	0.00
1.90	0.03	73	194.01	0.00
2.00	0.03	84	194.01	0.00
2.10	0.03	95	194.01	0.00
2.20	0.03	107	194.01	0.00
2.30	0.04	120	194.01	0.00
2.40	0.04	133	194.02	0.00
2.50	0.04	147	194.02	0.00
2.60	0.04	161	194.02	0.00
2.70	0.04	176	194.02	0.00
2.80	0.04	191	194.02	0.00
2.90	0.04	207	194.03	0.00
3.00	0.05	223	194.03	0.00
3.10	0.05	240	194.03	0.00
3.20	0.05	257	194.03	0.00
3.30	0.05	274	194.03	0.00
3.40	0.05	292	194.04	0.00
3.50	0.05	310	194.04	0.00
3.60	0.05	328	194.04	0.00
3.70	0.05	347	194.04	0.00
3.80	0.05	367	194.05	0.00
3.90	0.05	386	194.05	0.00
4.00	0.06	406	194.05	0.00
4.10	0.06	426	194.05	0.00
4.20	0.06	447	194.06	0.00
4.30	0.06	468	194.06	0.00
4.40	0.06	489	194.06	0.00
4.50	0.06	511	194.06	0.00
4.60	0.06	533	194.07	0.00
4.70	0.06	555	194.07	0.00
4.80	0.06	577	194.07	0.00
4.90	0.06	600	194.07	0.00
5.00	0.06	623	194.08	0.00
5.10	0.07	647	194.08	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	670	194.08	0.00
5.30	0.07	694	194.09	0.00
5.40	0.07	718	194.09	0.00
5.50	0.07	743	194.09	0.00
5.60	0.07	768	194.09	0.00
5.70	0.07	793	194.10	0.00
5.80	0.07	818	194.10	0.00
5.90	0.07	843	194.10	0.00
6.00	0.07	869	194.11	0.00
6.10	0.07	896	194.11	0.00
6.20	0.08	923	194.11	0.00
6.30	0.08	951	194.12	0.00
6.40	0.08	979	194.12	0.00
6.50	0.08	1,009	194.12	0.00
6.60	0.08	1,039	194.13	0.00
6.70	0.09	1,070	194.13	0.00
6.80	0.09	1,101	194.14	0.00
6.90	0.09	1,134	194.14	0.00
7.00	0.09	1,167	194.14	0.00
7.10	0.09	1,201	194.15	0.00
7.20	0.10	1,235	194.15	0.00
7.30	0.10	1,271	194.16	0.00
7.40	0.10	1,307	194.16	0.00
7.50	0.10	1,344	194.17	0.00
7.60	0.11	1,381	194.17	0.00
7.70	0.11	1,420	194.17	0.00
7.80	0.11	1,459	194.18	0.00
7.90	0.11	1,499	194.18	0.00
8.00	0.11	1,539	194.19	0.00
8.10	0.12	1,581	194.19	0.00
8.20	0.12	1,623	194.20	0.00
8.30	0.12	1,667	194.21	0.00
8.40	0.13	1,711	194.21	0.00
8.50	0.13	1,758	194.22	0.00
8.60	0.13	1,805	194.22	0.00
8.70	0.14	1,854	194.23	0.00
8.80	0.14	1,904	194.23	0.00
8.90	0.15	1,956	194.24	0.00
9.00	0.15	2,009	194.25	0.00
9.10	0.16	2,065	194.25	0.00
9.20	0.17	2,125	194.26	0.00
9.30	0.18	2,189	194.27	0.00
9.40	0.19	2,256	194.28	0.00
9.50	0.20	2,327	194.29	0.00
9.60	0.21	2,403	194.30	0.00
9.70	0.23	2,482	194.31	0.00
9.80	0.24	2,566	194.32	0.00
9.90	0.25	2,655	194.33	0.00
10.00	0.26	2,747	194.34	0.00
10.10	0.28	2,845	194.35	0.00
10.20	0.29	2,947	194.36	0.00
10.30	0.30	3,054	194.38	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.32	3,166	194.39	0.00
10.50	0.33	3,283	194.40	0.00
10.60	0.37	3,412	194.42	0.00
10.70	0.42	3,555	194.44	0.00
10.80	0.46	3,715	194.46	0.00
10.90	0.51	3,890	194.48	0.00
11.00	0.56	4,081	194.50	0.01
11.10	0.64	4,294	194.53	0.02
11.20	0.73	4,532	194.56	0.04
11.30	0.83	4,797	194.59	0.07
11.40	0.92	5,086	194.63	0.10
11.50	1.04	5,397	194.66	0.14
11.60	1.52	5,816	194.72	0.20
11.70	1.76	6,323	194.78	0.28
11.80	2.39	6,966	194.86	0.38
11.90	3.48	7,881	194.97	0.50
12.00	6.03	9,438	195.16	0.65
12.10	9.76	12,106	195.49	1.35
12.20	5.70	14,105	195.74	2.36
12.30	3.46	14,756	195.82	2.67
12.40	2.48	14,823	195.82	2.70
12.50	2.15	14,685	195.81	2.64
12.60	1.58	14,410	195.77	2.52
12.70	1.34	14,052	195.73	2.34
12.80	1.22	13,705	195.69	2.14
12.90	1.11	13,383	195.65	1.97
13.00	1.00	13,080	195.61	1.81
13.10	0.89	12,791	195.57	1.67
13.20	0.81	12,519	195.54	1.54
13.30	0.75	12,268	195.51	1.42
13.40	0.69	12,033	195.48	1.32
13.50	0.63	11,812	195.45	1.22
13.60	0.57	11,601	195.43	1.14
13.70	0.54	11,403	195.40	1.06
13.80	0.52	11,223	195.38	1.00
13.90	0.51	11,058	195.36	0.94
14.00	0.49	10,906	195.34	0.90
14.10	0.48	10,765	195.32	0.85
14.20	0.46	10,633	195.31	0.82
14.30	0.44	10,506	195.29	0.79
14.40	0.43	10,386	195.28	0.76
14.50	0.41	10,268	195.26	0.74
14.60	0.40	10,152	195.25	0.71
14.70	0.38	10,037	195.24	0.70
14.80	0.36	9,921	195.22	0.69
14.90	0.35	9,802	195.21	0.68
15.00	0.33	9,680	195.19	0.67
15.10	0.31	9,557	195.18	0.66
15.20	0.31	9,433	195.16	0.65
15.30	0.30	9,311	195.15	0.64
15.40	0.30	9,191	195.13	0.63
15.50	0.29	9,074	195.12	0.62

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	8,958	195.10	0.61
15.70	0.29	8,845	195.09	0.60
15.80	0.28	8,734	195.07	0.59
15.90	0.28	8,625	195.06	0.58
16.00	0.27	8,518	195.05	0.57
16.10	0.27	8,414	195.04	0.56
16.20	0.26	8,311	195.02	0.55
16.30	0.26	8,211	195.01	0.54
16.40	0.26	8,113	195.00	0.53
16.50	0.25	8,017	194.99	0.51
16.60	0.25	7,923	194.98	0.50
16.70	0.24	7,831	194.96	0.49
16.80	0.24	7,741	194.95	0.49
16.90	0.23	7,653	194.94	0.48
17.00	0.23	7,567	194.93	0.47
17.10	0.23	7,482	194.92	0.46
17.20	0.22	7,400	194.91	0.45
17.30	0.22	7,319	194.90	0.44
17.40	0.21	7,241	194.89	0.43
17.50	0.21	7,165	194.88	0.42
17.60	0.20	7,092	194.87	0.40
17.70	0.20	7,021	194.86	0.39
17.80	0.19	6,952	194.86	0.38
17.90	0.19	6,885	194.85	0.37
18.00	0.19	6,821	194.84	0.36
18.10	0.18	6,758	194.83	0.35
18.20	0.18	6,698	194.82	0.34
18.30	0.18	6,642	194.82	0.33
18.40	0.18	6,588	194.81	0.32
18.50	0.18	6,536	194.80	0.32
18.60	0.18	6,487	194.80	0.31
18.70	0.17	6,441	194.79	0.30
18.80	0.17	6,397	194.79	0.29
18.90	0.17	6,355	194.78	0.29
19.00	0.17	6,315	194.78	0.28
19.10	0.17	6,278	194.77	0.27
19.20	0.17	6,242	194.77	0.27
19.30	0.17	6,207	194.76	0.26
19.40	0.17	6,174	194.76	0.26
19.50	0.17	6,143	194.76	0.25
19.60	0.16	6,113	194.75	0.25
19.70	0.16	6,084	194.75	0.24
19.80	0.16	6,057	194.75	0.24
19.90	0.16	6,031	194.74	0.23
20.00	0.16	6,006	194.74	0.23
20.10	0.16	5,982	194.74	0.22
20.20	0.16	5,958	194.73	0.22
20.30	0.16	5,936	194.73	0.22
20.40	0.16	5,915	194.73	0.21
20.50	0.15	5,894	194.73	0.21
20.60	0.15	5,874	194.72	0.21
20.70	0.15	5,855	194.72	0.20

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	5,837	194.72	0.20
20.90	0.15	5,819	194.72	0.20
21.00	0.15	5,802	194.71	0.20
21.10	0.15	5,785	194.71	0.19
21.20	0.15	5,768	194.71	0.19
21.30	0.15	5,753	194.71	0.19
21.40	0.15	5,738	194.71	0.19
21.50	0.14	5,723	194.70	0.18
21.60	0.14	5,708	194.70	0.18
21.70	0.14	5,694	194.70	0.18
21.80	0.14	5,680	194.70	0.18
21.90	0.14	5,667	194.70	0.18
22.00	0.14	5,653	194.70	0.17
22.10	0.14	5,640	194.69	0.17
22.20	0.14	5,628	194.69	0.17
22.30	0.14	5,616	194.69	0.17
22.40	0.13	5,604	194.69	0.17
22.50	0.13	5,592	194.69	0.17
22.60	0.13	5,580	194.69	0.16
22.70	0.13	5,569	194.69	0.16
22.80	0.13	5,558	194.68	0.16
22.90	0.13	5,547	194.68	0.16
23.00	0.13	5,536	194.68	0.16
23.10	0.13	5,525	194.68	0.16
23.20	0.12	5,515	194.68	0.15
23.30	0.12	5,504	194.68	0.15
23.40	0.12	5,494	194.68	0.15
23.50	0.12	5,484	194.67	0.15
23.60	0.12	5,474	194.67	0.15
23.70	0.12	5,464	194.67	0.15
23.80	0.12	5,454	194.67	0.15
23.90	0.12	5,445	194.67	0.14
24.00	0.13	5,439	194.67	0.14
24.10	0.04	5,416	194.67	0.14
24.20	0.00	5,372	194.66	0.13
24.30	0.00	5,325	194.66	0.13
24.40	0.00	5,280	194.65	0.12
24.50	0.00	5,237	194.64	0.12
24.60	0.00	5,196	194.64	0.11
24.70	0.00	5,157	194.63	0.11
24.80	0.00	5,119	194.63	0.10
24.90	0.00	5,083	194.63	0.10
25.00	0.00	5,049	194.62	0.09
25.10	0.00	5,016	194.62	0.09
25.20	0.00	4,984	194.61	0.09
25.30	0.00	4,953	194.61	0.08
25.40	0.00	4,924	194.61	0.08
25.50	0.00	4,896	194.60	0.08
25.60	0.00	4,869	194.60	0.07
25.70	0.00	4,843	194.60	0.07
25.80	0.00	4,818	194.59	0.07
25.90	0.00	4,794	194.59	0.07

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,771	194.59	0.06
26.10	0.00	4,748	194.58	0.06
26.20	0.00	4,726	194.58	0.06
26.30	0.00	4,705	194.58	0.06
26.40	0.00	4,685	194.58	0.06
26.50	0.00	4,665	194.57	0.05
26.60	0.00	4,646	194.57	0.05
26.70	0.00	4,628	194.57	0.05
26.80	0.00	4,610	194.57	0.05
26.90	0.00	4,593	194.57	0.05
27.00	0.00	4,576	194.56	0.05
27.10	0.00	4,560	194.56	0.04
27.20	0.00	4,545	194.56	0.04
27.30	0.00	4,530	194.56	0.04
27.40	0.00	4,515	194.56	0.04
27.50	0.00	4,501	194.55	0.04
27.60	0.00	4,487	194.55	0.04
27.70	0.00	4,473	194.55	0.04
27.80	0.00	4,460	194.55	0.04
27.90	0.00	4,447	194.55	0.04
28.00	0.00	4,435	194.55	0.03
28.10	0.00	4,422	194.54	0.03
28.20	0.00	4,410	194.54	0.03
28.30	0.00	4,399	194.54	0.03
28.40	0.00	4,387	194.54	0.03
28.50	0.00	4,376	194.54	0.03
28.60	0.00	4,365	194.54	0.03
28.70	0.00	4,355	194.54	0.03
28.80	0.00	4,345	194.53	0.03
28.90	0.00	4,335	194.53	0.03
29.00	0.00	4,325	194.53	0.03
29.10	0.00	4,316	194.53	0.03
29.20	0.00	4,306	194.53	0.03
29.30	0.00	4,297	194.53	0.02
29.40	0.00	4,289	194.53	0.02
29.50	0.00	4,280	194.53	0.02
29.60	0.00	4,272	194.53	0.02
29.70	0.00	4,264	194.52	0.02
29.80	0.00	4,256	194.52	0.02
29.90	0.00	4,248	194.52	0.02
30.00	0.00	4,240	194.52	0.02
30.10	0.00	4,233	194.52	0.02
30.20	0.00	4,226	194.52	0.02
30.30	0.00	4,219	194.52	0.02
30.40	0.00	4,212	194.52	0.02
30.50	0.00	4,205	194.52	0.02
30.60	0.00	4,199	194.52	0.02
30.70	0.00	4,192	194.52	0.02
30.80	0.00	4,186	194.52	0.02
30.90	0.00	4,179	194.51	0.02
31.00	0.00	4,173	194.51	0.02
31.10	0.00	4,167	194.51	0.02

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,161	194.51	0.02
31.30	0.00	4,155	194.51	0.02
31.40	0.00	4,149	194.51	0.02
31.50	0.00	4,143	194.51	0.02
31.60	0.00	4,138	194.51	0.02
31.70	0.00	4,132	194.51	0.02
31.80	0.00	4,127	194.51	0.02
31.90	0.00	4,121	194.51	0.01
32.00	0.00	4,116	194.51	0.01
32.10	0.00	4,111	194.51	0.01
32.20	0.00	4,105	194.51	0.01
32.30	0.00	4,100	194.50	0.01
32.40	0.00	4,095	194.50	0.01
32.50	0.00	4,090	194.50	0.01
32.60	0.00	4,086	194.50	0.01
32.70	0.00	4,081	194.50	0.01
32.80	0.00	4,076	194.50	0.01
32.90	0.00	4,072	194.50	0.01
33.00	0.00	4,067	194.50	0.01
33.10	0.00	4,063	194.50	0.01
33.20	0.00	4,058	194.50	0.01
33.30	0.00	4,054	194.50	0.01
33.40	0.00	4,050	194.50	0.01
33.50	0.00	4,046	194.50	0.01
33.60	0.00	4,041	194.50	0.01
33.70	0.00	4,037	194.50	0.01
33.80	0.00	4,033	194.50	0.01
33.90	0.00	4,029	194.50	0.01
34.00	0.00	4,026	194.50	0.01
34.10	0.00	4,022	194.49	0.01
34.20	0.00	4,018	194.49	0.01
34.30	0.00	4,014	194.49	0.01
34.40	0.00	4,011	194.49	0.01
34.50	0.00	4,007	194.49	0.01
34.60	0.00	4,004	194.49	0.01
34.70	0.00	4,000	194.49	0.01
34.80	0.00	3,997	194.49	0.01
34.90	0.00	3,994	194.49	0.01
35.00	0.00	3,990	194.49	0.01
35.10	0.00	3,987	194.49	0.01
35.20	0.00	3,984	194.49	0.01
35.30	0.00	3,981	194.49	0.01
35.40	0.00	3,978	194.49	0.01
35.50	0.00	3,975	194.49	0.01
35.60	0.00	3,972	194.49	0.01
35.70	0.00	3,969	194.49	0.01
35.80	0.00	3,966	194.49	0.01
35.90	0.00	3,963	194.49	0.01
36.00	0.00	3,960	194.49	0.01
36.10	0.00	3,957	194.49	0.01
36.20	0.00	3,955	194.49	0.01
36.30	0.00	3,952	194.49	0.01

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,949	194.49	0.01
36.50	0.00	3,947	194.49	0.01
36.60	0.00	3,944	194.49	0.01
36.70	0.00	3,942	194.49	0.01
36.80	0.00	3,939	194.48	0.01
36.90	0.00	3,937	194.48	0.01
37.00	0.00	3,935	194.48	0.01
37.10	0.00	3,932	194.48	0.01
37.20	0.00	3,930	194.48	0.01
37.30	0.00	3,928	194.48	0.01
37.40	0.00	3,925	194.48	0.01
37.50	0.00	3,923	194.48	0.01
37.60	0.00	3,921	194.48	0.01
37.70	0.00	3,919	194.48	0.01
37.80	0.00	3,917	194.48	0.01
37.90	0.00	3,915	194.48	0.01
38.00	0.00	3,913	194.48	0.01
38.10	0.00	3,911	194.48	0.01
38.20	0.00	3,909	194.48	0.01
38.30	0.00	3,907	194.48	0.01
38.40	0.00	3,905	194.48	0.01
38.50	0.00	3,903	194.48	0.01
38.60	0.00	3,901	194.48	0.01
38.70	0.00	3,899	194.48	0.01
38.80	0.00	3,898	194.48	0.00
38.90	0.00	3,896	194.48	0.00
39.00	0.00	3,894	194.48	0.00
39.10	0.00	3,892	194.48	0.00
39.20	0.00	3,891	194.48	0.00
39.30	0.00	3,889	194.48	0.00
39.40	0.00	3,887	194.48	0.00
39.50	0.00	3,885	194.48	0.00
39.60	0.00	3,884	194.48	0.00
39.70	0.00	3,882	194.48	0.00
39.80	0.00	3,880	194.48	0.00
39.90	0.00	3,879	194.48	0.00
40.00	0.00	3,877	194.48	0.00

Stage-Discharge for Pond B-37A: Basin #37A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.02	195.04	0.56	195.56	1.61
194.01	0.00	194.53	0.02	195.05	0.57	195.57	1.65
194.02	0.00	194.54	0.03	195.06	0.58	195.58	1.69
194.03	0.00	194.55	0.04	195.07	0.58	195.59	1.73
194.04	0.00	194.56	0.04	195.08	0.59	195.60	1.77
194.05	0.00	194.57	0.05	195.09	0.60	195.61	1.81
194.06	0.00	194.58	0.06	195.10	0.61	195.62	1.85
194.07	0.00	194.59	0.07	195.11	0.61	195.63	1.89
194.08	0.00	194.60	0.07	195.12	0.62	195.64	1.94
194.09	0.00	194.61	0.08	195.13	0.63	195.65	1.98
194.10	0.00	194.62	0.09	195.14	0.63	195.66	2.02
194.11	0.00	194.63	0.10	195.15	0.64	195.67	2.07
194.12	0.00	194.64	0.11	195.16	0.65	195.68	2.11
194.13	0.00	194.65	0.12	195.17	0.66	195.69	2.16
194.14	0.00	194.66	0.13	195.18	0.66	195.70	2.20
194.15	0.00	194.67	0.14	195.19	0.67	195.71	2.25
194.16	0.00	194.68	0.16	195.20	0.68	195.72	2.29
194.17	0.00	194.69	0.17	195.21	0.68	195.73	2.34
194.18	0.00	194.70	0.18	195.22	0.69	195.74	2.39
194.19	0.00	194.71	0.19	195.23	0.69	195.75	2.43
194.20	0.00	194.72	0.20	195.24	0.70	195.76	2.47
194.21	0.00	194.73	0.22	195.25	0.71	195.77	2.51
194.22	0.00	194.74	0.23	195.26	0.73	195.78	2.55
194.23	0.00	194.75	0.24	195.27	0.74	195.79	2.58
194.24	0.00	194.76	0.26	195.28	0.76	195.80	2.62
194.25	0.00	194.77	0.27	195.29	0.78	195.81	2.65
194.26	0.00	194.78	0.28	195.30	0.80	195.82	2.69
194.27	0.00	194.79	0.30	195.31	0.82	195.83	2.72
194.28	0.00	194.80	0.31	195.32	0.84	195.84	2.75
194.29	0.00	194.81	0.32	195.33	0.86	195.85	2.78
194.30	0.00	194.82	0.34	195.34	0.89	195.86	2.81
194.31	0.00	194.83	0.35	195.35	0.91	195.87	2.85
194.32	0.00	194.84	0.36	195.36	0.94	195.88	2.88
194.33	0.00	194.85	0.38	195.37	0.97	195.89	2.91
194.34	0.00	194.86	0.39	195.38	1.00	195.90	2.93
194.35	0.00	194.87	0.40	195.39	1.02	195.91	2.96
194.36	0.00	194.88	0.41	195.40	1.05	195.92	2.99
194.37	0.00	194.89	0.43	195.41	1.08	195.93	3.02
194.38	0.00	194.90	0.44	195.42	1.11	195.94	3.05
194.39	0.00	194.91	0.45	195.43	1.15	195.95	3.08
194.40	0.00	194.92	0.46	195.44	1.18	195.96	3.10
194.41	0.00	194.93	0.47	195.45	1.21	195.97	3.13
194.42	0.00	194.94	0.47	195.46	1.24	195.98	3.16
194.43	0.00	194.95	0.48	195.47	1.28	195.99	3.18
194.44	0.00	194.96	0.49	195.48	1.31	196.00	3.21
194.45	0.00	194.97	0.50	195.49	1.35	196.01	3.23
194.46	0.00	194.98	0.51	195.50	1.38	196.02	3.26
194.47	0.00	194.99	0.52	195.51	1.42	196.03	3.29
194.48	0.01	195.00	0.53	195.52	1.46	196.04	3.31
194.49	0.01	195.01	0.53	195.53	1.49	196.05	3.34
194.50	0.01	195.02	0.54	195.54	1.53	196.06	3.36
194.51	0.02	195.03	0.55	195.55	1.57	196.07	3.38

Stage-Discharge for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	3.41	196.60	4.47	197.12	5.31	197.64	15.33
196.09	3.43	196.61	4.49	197.13	5.33	197.65	16.14
196.10	3.46	196.62	4.51	197.14	5.34	197.66	16.97
196.11	3.48	196.63	4.52	197.15	5.36	197.67	17.83
196.12	3.50	196.64	4.54	197.16	5.37	197.68	18.71
196.13	3.53	196.65	4.56	197.17	5.39	197.69	19.61
196.14	3.55	196.66	4.58	197.18	5.40	197.70	20.54
196.15	3.57	196.67	4.59	197.19	5.42	197.71	21.52
196.16	3.59	196.68	4.61	197.20	5.43	197.72	22.54
196.17	3.62	196.69	4.63	197.21	5.44	197.73	23.58
196.18	3.64	196.70	4.64	197.22	5.46	197.74	24.64
196.19	3.66	196.71	4.66	197.23	5.47	197.75	25.74
196.20	3.68	196.72	4.68	197.24	5.49	197.76	26.86
196.21	3.71	196.73	4.70	197.25	5.50	197.77	28.00
196.22	3.73	196.74	4.71	197.26	5.53	197.78	29.18
196.23	3.75	196.75	4.73	197.27	5.57	197.79	30.37
196.24	3.77	196.76	4.75	197.28	5.61	197.80	31.60
196.25	3.79	196.77	4.76	197.29	5.66	197.81	32.84
196.26	3.81	196.78	4.78	197.30	5.72	197.82	34.12
196.27	3.83	196.79	4.80	197.31	5.78	197.83	35.42
196.28	3.86	196.80	4.81	197.32	5.84	197.84	36.74
196.29	3.88	196.81	4.83	197.33	5.91	197.85	38.09
196.30	3.90	196.82	4.85	197.34	5.98	197.86	39.47
196.31	3.92	196.83	4.86	197.35	6.05	197.87	40.87
196.32	3.94	196.84	4.88	197.36	6.13	197.88	42.27
196.33	3.96	196.85	4.89	197.37	6.21	197.89	43.58
196.34	3.98	196.86	4.91	197.38	6.29	197.90	44.91
196.35	4.00	196.87	4.93	197.39	6.38	197.91	46.28
196.36	4.02	196.88	4.94	197.40	6.47	197.92	47.69
196.37	4.04	196.89	4.96	197.41	6.56	197.93	49.12
196.38	4.06	196.90	4.97	197.42	6.65	197.94	50.57
196.39	4.08	196.91	4.99	197.43	6.74	197.95	52.06
196.40	4.10	196.92	5.01	197.44	6.84	197.96	53.57
196.41	4.12	196.93	5.02	197.45	6.94	197.97	55.10
196.42	4.14	196.94	5.04	197.46	7.04	197.98	56.66
196.43	4.16	196.95	5.05	197.47	7.14	197.99	58.25
196.44	4.18	196.96	5.07	197.48	7.25	198.00	59.86
196.45	4.19	196.97	5.08	197.49	7.35		
196.46	4.21	196.98	5.10	197.50	7.46		
196.47	4.23	196.99	5.12	197.51	7.69		
196.48	4.25	197.00	5.13	197.52	8.02		
196.49	4.27	197.01	5.15	197.53	8.41		
196.50	4.29	197.02	5.16	197.54	8.85		
196.51	4.31	197.03	5.18	197.55	9.34		
196.52	4.33	197.04	5.19	197.56	9.88		
196.53	4.34	197.05	5.21	197.57	10.45		
196.54	4.36	197.06	5.22	197.58	11.05		
196.55	4.38	197.07	5.24	197.59	11.69		
196.56	4.40	197.08	5.25	197.60	12.36		
196.57	4.42	197.09	5.27	197.61	13.06		
196.58	4.43	197.10	5.28	197.62	13.79		
196.59	4.45	197.11	5.30	197.63	14.54		

Stage-Area-Storage for Pond B-37A: Basin #37A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	8,125	0	194.52	8,125	4,225
194.01	8,125	81	194.53	8,125	4,306
194.02	8,125	163	194.54	8,125	4,387
194.03	8,125	244	194.55	8,125	4,469
194.04	8,125	325	194.56	8,125	4,550
194.05	8,125	406	194.57	8,125	4,631
194.06	8,125	488	194.58	8,125	4,713
194.07	8,125	569	194.59	8,125	4,794
194.08	8,125	650	194.60	8,125	4,875
194.09	8,125	731	194.61	8,125	4,956
194.10	8,125	812	194.62	8,125	5,038
194.11	8,125	894	194.63	8,125	5,119
194.12	8,125	975	194.64	8,125	5,200
194.13	8,125	1,056	194.65	8,125	5,281
194.14	8,125	1,137	194.66	8,125	5,362
194.15	8,125	1,219	194.67	8,125	5,444
194.16	8,125	1,300	194.68	8,125	5,525
194.17	8,125	1,381	194.69	8,125	5,606
194.18	8,125	1,463	194.70	8,125	5,687
194.19	8,125	1,544	194.71	8,125	5,769
194.20	8,125	1,625	194.72	8,125	5,850
194.21	8,125	1,706	194.73	8,125	5,931
194.22	8,125	1,787	194.74	8,125	6,013
194.23	8,125	1,869	194.75	8,125	6,094
194.24	8,125	1,950	194.76	8,125	6,175
194.25	8,125	2,031	194.77	8,125	6,256
194.26	8,125	2,112	194.78	8,125	6,338
194.27	8,125	2,194	194.79	8,125	6,419
194.28	8,125	2,275	194.80	8,125	6,500
194.29	8,125	2,356	194.81	8,125	6,581
194.30	8,125	2,438	194.82	8,125	6,662
194.31	8,125	2,519	194.83	8,125	6,744
194.32	8,125	2,600	194.84	8,125	6,825
194.33	8,125	2,681	194.85	8,125	6,906
194.34	8,125	2,763	194.86	8,125	6,988
194.35	8,125	2,844	194.87	8,125	7,069
194.36	8,125	2,925	194.88	8,125	7,150
194.37	8,125	3,006	194.89	8,125	7,231
194.38	8,125	3,087	194.90	8,125	7,313
194.39	8,125	3,169	194.91	8,125	7,394
194.40	8,125	3,250	194.92	8,125	7,475
194.41	8,125	3,331	194.93	8,125	7,556
194.42	8,125	3,412	194.94	8,125	7,637
194.43	8,125	3,494	194.95	8,125	7,719
194.44	8,125	3,575	194.96	8,125	7,800
194.45	8,125	3,656	194.97	8,125	7,881
194.46	8,125	3,738	194.98	8,125	7,962
194.47	8,125	3,819	194.99	8,125	8,044
194.48	8,125	3,900	195.00	8,125	8,125
194.49	8,125	3,981	195.01	8,125	8,206
194.50	8,125	4,063	195.02	8,125	8,288
194.51	8,125	4,144	195.03	8,125	8,369

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	8,125	8,450	195.56	8,125	12,675
195.05	8,125	8,531	195.57	8,125	12,756
195.06	8,125	8,613	195.58	8,125	12,838
195.07	8,125	8,694	195.59	8,125	12,919
195.08	8,125	8,775	195.60	8,125	13,000
195.09	8,125	8,856	195.61	8,125	13,081
195.10	8,125	8,937	195.62	8,125	13,163
195.11	8,125	9,019	195.63	8,125	13,244
195.12	8,125	9,100	195.64	8,125	13,325
195.13	8,125	9,181	195.65	8,125	13,406
195.14	8,125	9,262	195.66	8,125	13,487
195.15	8,125	9,344	195.67	8,125	13,569
195.16	8,125	9,425	195.68	8,125	13,650
195.17	8,125	9,506	195.69	8,125	13,731
195.18	8,125	9,588	195.70	8,125	13,812
195.19	8,125	9,669	195.71	8,125	13,894
195.20	8,125	9,750	195.72	8,125	13,975
195.21	8,125	9,831	195.73	8,125	14,056
195.22	8,125	9,912	195.74	8,125	14,138
195.23	8,125	9,994	195.75	8,125	14,219
195.24	8,125	10,075	195.76	8,125	14,300
195.25	8,125	10,156	195.77	8,125	14,381
195.26	8,125	10,237	195.78	8,125	14,463
195.27	8,125	10,319	195.79	8,125	14,544
195.28	8,125	10,400	195.80	8,125	14,625
195.29	8,125	10,481	195.81	8,125	14,706
195.30	8,125	10,563	195.82	8,125	14,787
195.31	8,125	10,644	195.83	8,125	14,869
195.32	8,125	10,725	195.84	8,125	14,950
195.33	8,125	10,806	195.85	8,125	15,031
195.34	8,125	10,888	195.86	8,125	15,113
195.35	8,125	10,969	195.87	8,125	15,194
195.36	8,125	11,050	195.88	8,125	15,275
195.37	8,125	11,131	195.89	8,125	15,356
195.38	8,125	11,212	195.90	8,125	15,438
195.39	8,125	11,294	195.91	8,125	15,519
195.40	8,125	11,375	195.92	8,125	15,600
195.41	8,125	11,456	195.93	8,125	15,681
195.42	8,125	11,537	195.94	8,125	15,762
195.43	8,125	11,619	195.95	8,125	15,844
195.44	8,125	11,700	195.96	8,125	15,925
195.45	8,125	11,781	195.97	8,125	16,006
195.46	8,125	11,863	195.98	8,125	16,087
195.47	8,125	11,944	195.99	8,125	16,169
195.48	8,125	12,025	196.00	8,125	16,250
195.49	8,125	12,106	196.01	8,125	16,331
195.50	8,125	12,188	196.02	8,125	16,413
195.51	8,125	12,269	196.03	8,125	16,494
195.52	8,125	12,350	196.04	8,125	16,575
195.53	8,125	12,431	196.05	8,125	16,656
195.54	8,125	12,512	196.06	8,125	16,738
195.55	8,125	12,594	196.07	8,125	16,819

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	8,125	16,900	196.60	8,125	21,125
196.09	8,125	16,981	196.61	8,125	21,206
196.10	8,125	17,062	196.62	8,125	21,288
196.11	8,125	17,144	196.63	8,125	21,369
196.12	8,125	17,225	196.64	8,125	21,450
196.13	8,125	17,306	196.65	8,125	21,531
196.14	8,125	17,387	196.66	8,125	21,612
196.15	8,125	17,469	196.67	8,125	21,694
196.16	8,125	17,550	196.68	8,125	21,775
196.17	8,125	17,631	196.69	8,125	21,856
196.18	8,125	17,713	196.70	8,125	21,937
196.19	8,125	17,794	196.71	8,125	22,019
196.20	8,125	17,875	196.72	8,125	22,100
196.21	8,125	17,956	196.73	8,125	22,181
196.22	8,125	18,037	196.74	8,125	22,263
196.23	8,125	18,119	196.75	8,125	22,344
196.24	8,125	18,200	196.76	8,125	22,425
196.25	8,125	18,281	196.77	8,125	22,506
196.26	8,125	18,362	196.78	8,125	22,588
196.27	8,125	18,444	196.79	8,125	22,669
196.28	8,125	18,525	196.80	8,125	22,750
196.29	8,125	18,606	196.81	8,125	22,831
196.30	8,125	18,688	196.82	8,125	22,912
196.31	8,125	18,769	196.83	8,125	22,994
196.32	8,125	18,850	196.84	8,125	23,075
196.33	8,125	18,931	196.85	8,125	23,156
196.34	8,125	19,013	196.86	8,125	23,238
196.35	8,125	19,094	196.87	8,125	23,319
196.36	8,125	19,175	196.88	8,125	23,400
196.37	8,125	19,256	196.89	8,125	23,481
196.38	8,125	19,337	196.90	8,125	23,563
196.39	8,125	19,419	196.91	8,125	23,644
196.40	8,125	19,500	196.92	8,125	23,725
196.41	8,125	19,581	196.93	8,125	23,806
196.42	8,125	19,662	196.94	8,125	23,887
196.43	8,125	19,744	196.95	8,125	23,969
196.44	8,125	19,825	196.96	8,125	24,050
196.45	8,125	19,906	196.97	8,125	24,131
196.46	8,125	19,988	196.98	8,125	24,212
196.47	8,125	20,069	196.99	8,125	24,294
196.48	8,125	20,150	197.00	8,125	24,375
196.49	8,125	20,231	197.01	8,125	24,456
196.50	8,125	20,313	197.02	8,125	24,538
196.51	8,125	20,394	197.03	8,125	24,619
196.52	8,125	20,475	197.04	8,125	24,700
196.53	8,125	20,556	197.05	8,125	24,781
196.54	8,125	20,637	197.06	8,125	24,863
196.55	8,125	20,719	197.07	8,125	24,944
196.56	8,125	20,800	197.08	8,125	25,025
196.57	8,125	20,881	197.09	8,125	25,106
196.58	8,125	20,963	197.10	8,125	25,187
196.59	8,125	21,044	197.11	8,125	25,269

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	8,125	25,350	197.64	8,125	29,575
197.13	8,125	25,431	197.65	8,125	29,656
197.14	8,125	25,512	197.66	8,125	29,737
197.15	8,125	25,594	197.67	8,125	29,819
197.16	8,125	25,675	197.68	8,125	29,900
197.17	8,125	25,756	197.69	8,125	29,981
197.18	8,125	25,838	197.70	8,125	30,062
197.19	8,125	25,919	197.71	8,125	30,144
197.20	8,125	26,000	197.72	8,125	30,225
197.21	8,125	26,081	197.73	8,125	30,306
197.22	8,125	26,162	197.74	8,125	30,388
197.23	8,125	26,244	197.75	8,125	30,469
197.24	8,125	26,325	197.76	8,125	30,550
197.25	8,125	26,406	197.77	8,125	30,631
197.26	8,125	26,487	197.78	8,125	30,713
197.27	8,125	26,569	197.79	8,125	30,794
197.28	8,125	26,650	197.80	8,125	30,875
197.29	8,125	26,731	197.81	8,125	30,956
197.30	8,125	26,813	197.82	8,125	31,037
197.31	8,125	26,894	197.83	8,125	31,119
197.32	8,125	26,975	197.84	8,125	31,200
197.33	8,125	27,056	197.85	8,125	31,281
197.34	8,125	27,138	197.86	8,125	31,363
197.35	8,125	27,219	197.87	8,125	31,444
197.36	8,125	27,300	197.88	8,125	31,525
197.37	8,125	27,381	197.89	8,125	31,606
197.38	8,125	27,462	197.90	8,125	31,688
197.39	8,125	27,544	197.91	8,125	31,769
197.40	8,125	27,625	197.92	8,125	31,850
197.41	8,125	27,706	197.93	8,125	31,931
197.42	8,125	27,787	197.94	8,125	32,012
197.43	8,125	27,869	197.95	8,125	32,094
197.44	8,125	27,950	197.96	8,125	32,175
197.45	8,125	28,031	197.97	8,125	32,256
197.46	8,125	28,113	197.98	8,125	32,337
197.47	8,125	28,194	197.99	8,125	32,419
197.48	8,125	28,275	198.00	8,125	32,500
197.49	8,125	28,356			
197.50	8,125	28,438			
197.51	8,125	28,519			
197.52	8,125	28,600			
197.53	8,125	28,681			
197.54	8,125	28,762			
197.55	8,125	28,844			
197.56	8,125	28,925			
197.57	8,125	29,006			
197.58	8,125	29,088			
197.59	8,125	29,169			
197.60	8,125	29,250			
197.61	8,125	29,331			
197.62	8,125	29,413			
197.63	8,125	29,494			

Summary for Pond B-37B: Basin #37B

Inflow Area = 2.179 ac, 53.42% Impervious, Inflow Depth = 4.39" for Future 10 yr event
 Inflow = 9.89 cfs @ 12.09 hrs, Volume= 0.796 af
 Outflow = 1.16 cfs @ 12.94 hrs, Volume= 0.582 af, Atten= 88%, Lag= 50.9 min
 Primary = 1.16 cfs @ 12.94 hrs, Volume= 0.582 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.72' @ 12.94 hrs Surf.Area= 12,372 sf Storage= 21,314 cf

Plug-Flow detention time= 524.4 min calculated for 0.582 af (73% of inflow)
 Center-of-Mass det. time= 428.9 min (1,203.1 - 774.2)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	49,488 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	12,372	0	0
195.00	12,372	12,372	12,372
196.00	12,372	12,372	24,744
197.00	12,372	12,372	37,116
198.00	12,372	12,372	49,488

Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.38'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.27'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	197.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	197.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=1.16 cfs @ 12.94 hrs HW=195.72' (Free Discharge)

1=Culvert (Passes 1.16 cfs of 9.57 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.36 fps)
 3=Orifice/Grate (Orifice Controls 0.98 cfs @ 2.16 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

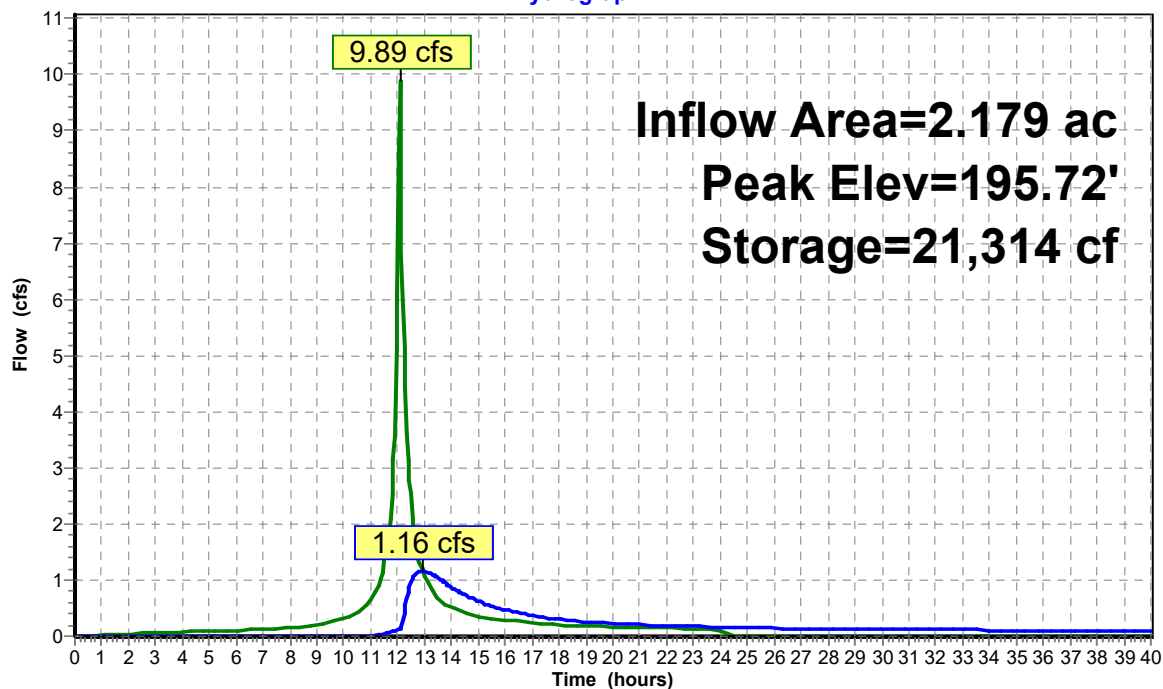
Pond B-37B: Basin #37B

Orifice/Grate

Culvert

Pond B-37B: Basin #37B

Hydrograph



Hydrograph for Pond B-37B: Basin #37B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.00	0	194.00	0.00
0.60	0.00	0	194.00	0.00
0.70	0.00	0	194.00	0.00
0.80	0.01	1	194.00	0.00
0.90	0.01	4	194.00	0.00
1.00	0.01	8	194.00	0.00
1.10	0.02	13	194.00	0.00
1.20	0.02	20	194.00	0.00
1.30	0.02	28	194.00	0.00
1.40	0.03	37	194.00	0.00
1.50	0.03	47	194.00	0.00
1.60	0.03	58	194.00	0.00
1.70	0.03	70	194.01	0.00
1.80	0.04	83	194.01	0.00
1.90	0.04	97	194.01	0.00
2.00	0.04	112	194.01	0.00
2.10	0.04	128	194.01	0.00
2.20	0.05	144	194.01	0.00
2.30	0.05	161	194.01	0.00
2.40	0.05	179	194.01	0.00
2.50	0.05	198	194.02	0.00
2.60	0.05	217	194.02	0.00
2.70	0.06	237	194.02	0.00
2.80	0.06	258	194.02	0.00
2.90	0.06	279	194.02	0.00
3.00	0.06	301	194.02	0.00
3.10	0.06	323	194.03	0.00
3.20	0.06	346	194.03	0.00
3.30	0.07	370	194.03	0.00
3.40	0.07	394	194.03	0.00
3.50	0.07	419	194.03	0.00
3.60	0.07	444	194.04	0.00
3.70	0.07	470	194.04	0.00
3.80	0.07	496	194.04	0.00
3.90	0.07	523	194.04	0.00
4.00	0.08	550	194.04	0.00
4.10	0.08	577	194.05	0.00
4.20	0.08	605	194.05	0.00
4.30	0.08	634	194.05	0.00
4.40	0.08	663	194.05	0.00
4.50	0.08	692	194.06	0.00
4.60	0.08	722	194.06	0.00
4.70	0.08	752	194.06	0.00
4.80	0.09	783	194.06	0.00
4.90	0.09	814	194.07	0.00
5.00	0.09	845	194.07	0.00
5.10	0.09	877	194.07	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	909	194.07	0.00
5.30	0.09	942	194.08	0.00
5.40	0.09	975	194.08	0.00
5.50	0.09	1,008	194.08	0.00
5.60	0.09	1,042	194.08	0.00
5.70	0.09	1,076	194.09	0.00
5.80	0.10	1,110	194.09	0.00
5.90	0.10	1,145	194.09	0.00
6.00	0.10	1,180	194.10	0.00
6.10	0.10	1,216	194.10	0.00
6.20	0.10	1,253	194.10	0.00
6.30	0.11	1,290	194.10	0.00
6.40	0.11	1,329	194.11	0.00
6.50	0.11	1,369	194.11	0.00
6.60	0.11	1,410	194.11	0.00
6.70	0.12	1,452	194.12	0.00
6.80	0.12	1,495	194.12	0.00
6.90	0.12	1,539	194.12	0.00
7.00	0.13	1,584	194.13	0.00
7.10	0.13	1,630	194.13	0.00
7.20	0.13	1,677	194.14	0.00
7.30	0.13	1,725	194.14	0.00
7.40	0.14	1,774	194.14	0.00
7.50	0.14	1,824	194.15	0.00
7.60	0.14	1,876	194.15	0.00
7.70	0.15	1,928	194.16	0.00
7.80	0.15	1,981	194.16	0.00
7.90	0.15	2,035	194.16	0.00
8.00	0.15	2,091	194.17	0.00
8.10	0.16	2,147	194.17	0.00
8.20	0.16	2,204	194.18	0.00
8.30	0.16	2,263	194.18	0.00
8.40	0.17	2,323	194.19	0.00
8.50	0.17	2,384	194.19	0.00
8.60	0.18	2,447	194.20	0.00
8.70	0.18	2,511	194.20	0.00
8.80	0.18	2,577	194.21	0.00
8.90	0.19	2,644	194.21	0.00
9.00	0.19	2,713	194.22	0.00
9.10	0.21	2,786	194.23	0.00
9.20	0.22	2,862	194.23	0.00
9.30	0.23	2,943	194.24	0.00
9.40	0.24	3,028	194.24	0.00
9.50	0.25	3,118	194.25	0.00
9.60	0.27	3,213	194.26	0.00
9.70	0.28	3,312	194.27	0.00
9.80	0.29	3,416	194.28	0.00
9.90	0.31	3,525	194.28	0.00
10.00	0.32	3,639	194.29	0.00
10.10	0.34	3,758	194.30	0.00
10.20	0.35	3,883	194.31	0.00
10.30	0.37	4,013	194.32	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.38	4,148	194.34	0.00
10.50	0.40	4,288	194.35	0.00
10.60	0.44	4,441	194.36	0.00
10.70	0.49	4,610	194.37	0.00
10.80	0.54	4,797	194.39	0.00
10.90	0.59	5,002	194.40	0.00
11.00	0.65	5,226	194.42	0.00
11.10	0.74	5,476	194.44	0.01
11.20	0.83	5,758	194.47	0.01
11.30	0.93	6,072	194.49	0.02
11.40	1.04	6,421	194.52	0.03
11.50	1.14	6,802	194.55	0.04
11.60	1.66	7,308	194.59	0.05
11.70	1.87	7,923	194.64	0.06
11.80	2.53	8,708	194.70	0.08
11.90	3.54	9,793	194.79	0.09
12.00	5.97	11,535	194.93	0.11
12.10	9.79	14,461	195.17	0.14
12.20	5.91	17,040	195.38	0.27
12.30	4.46	18,749	195.52	0.56
12.40	3.11	19,833	195.60	0.79
12.50	2.56	20,530	195.66	0.96
12.60	1.85	20,935	195.69	1.06
12.70	1.57	21,153	195.71	1.12
12.80	1.36	21,266	195.72	1.15
12.90	1.22	21,310	195.72	1.16
13.00	1.09	21,305	195.72	1.16
13.10	0.97	21,258	195.72	1.15
13.20	0.89	21,181	195.71	1.13
13.30	0.81	21,085	195.70	1.10
13.40	0.75	20,973	195.70	1.07
13.50	0.68	20,848	195.69	1.04
13.60	0.62	20,712	195.67	1.00
13.70	0.58	20,572	195.66	0.97
13.80	0.56	20,434	195.65	0.93
13.90	0.54	20,300	195.64	0.90
14.00	0.52	20,171	195.63	0.87
14.10	0.50	20,047	195.62	0.84
14.20	0.49	19,927	195.61	0.81
14.30	0.47	19,811	195.60	0.79
14.40	0.45	19,698	195.59	0.76
14.50	0.44	19,589	195.58	0.74
14.60	0.42	19,482	195.57	0.71
14.70	0.40	19,377	195.57	0.69
14.80	0.39	19,274	195.56	0.67
14.90	0.37	19,173	195.55	0.65
15.00	0.35	19,074	195.54	0.62
15.10	0.33	18,976	195.53	0.60
15.20	0.32	18,880	195.53	0.58
15.30	0.32	18,789	195.52	0.57
15.40	0.31	18,702	195.51	0.55
15.50	0.31	18,619	195.50	0.53

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.30	18,541	195.50	0.52
15.70	0.30	18,466	195.49	0.50
15.80	0.29	18,394	195.49	0.49
15.90	0.29	18,326	195.48	0.48
16.00	0.29	18,260	195.48	0.46
16.10	0.28	18,197	195.47	0.45
16.20	0.28	18,137	195.47	0.44
16.30	0.27	18,078	195.46	0.43
16.40	0.27	18,022	195.46	0.42
16.50	0.26	17,967	195.45	0.41
16.60	0.26	17,914	195.45	0.40
16.70	0.25	17,863	195.44	0.39
16.80	0.25	17,813	195.44	0.39
16.90	0.25	17,765	195.44	0.38
17.00	0.24	17,718	195.43	0.37
17.10	0.24	17,672	195.43	0.36
17.20	0.23	17,627	195.42	0.36
17.30	0.23	17,582	195.42	0.35
17.40	0.22	17,539	195.42	0.34
17.50	0.22	17,496	195.41	0.34
17.60	0.21	17,454	195.41	0.33
17.70	0.21	17,413	195.41	0.32
17.80	0.20	17,372	195.40	0.32
17.90	0.20	17,332	195.40	0.31
18.00	0.20	17,293	195.40	0.30
18.10	0.19	17,254	195.39	0.30
18.20	0.19	17,215	195.39	0.29
18.30	0.19	17,178	195.39	0.29
18.40	0.19	17,142	195.39	0.28
18.50	0.18	17,107	195.38	0.28
18.60	0.18	17,074	195.38	0.27
18.70	0.18	17,042	195.38	0.27
18.80	0.18	17,010	195.37	0.27
18.90	0.18	16,980	195.37	0.26
19.00	0.18	16,951	195.37	0.26
19.10	0.18	16,923	195.37	0.25
19.20	0.18	16,896	195.37	0.25
19.30	0.17	16,870	195.36	0.25
19.40	0.17	16,845	195.36	0.24
19.50	0.17	16,820	195.36	0.24
19.60	0.17	16,796	195.36	0.24
19.70	0.17	16,773	195.36	0.23
19.80	0.17	16,750	195.35	0.23
19.90	0.17	16,728	195.35	0.23
20.00	0.17	16,706	195.35	0.23
20.10	0.17	16,684	195.35	0.22
20.20	0.16	16,663	195.35	0.22
20.30	0.16	16,643	195.35	0.22
20.40	0.16	16,622	195.34	0.22
20.50	0.16	16,602	195.34	0.22
20.60	0.16	16,583	195.34	0.21
20.70	0.16	16,564	195.34	0.21

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	16,545	195.34	0.21
20.90	0.16	16,527	195.34	0.21
21.00	0.16	16,509	195.33	0.21
21.10	0.15	16,491	195.33	0.20
21.20	0.15	16,473	195.33	0.20
21.30	0.15	16,456	195.33	0.20
21.40	0.15	16,439	195.33	0.20
21.50	0.15	16,422	195.33	0.20
21.60	0.15	16,406	195.33	0.19
21.70	0.15	16,389	195.32	0.19
21.80	0.15	16,373	195.32	0.19
21.90	0.15	16,358	195.32	0.19
22.00	0.14	16,342	195.32	0.19
22.10	0.14	16,327	195.32	0.19
22.20	0.14	16,311	195.32	0.18
22.30	0.14	16,296	195.32	0.18
22.40	0.14	16,280	195.32	0.18
22.50	0.14	16,265	195.31	0.18
22.60	0.14	16,250	195.31	0.18
22.70	0.14	16,234	195.31	0.18
22.80	0.13	16,219	195.31	0.18
22.90	0.13	16,203	195.31	0.18
23.00	0.13	16,188	195.31	0.18
23.10	0.13	16,173	195.31	0.17
23.20	0.13	16,157	195.31	0.17
23.30	0.13	16,142	195.30	0.17
23.40	0.13	16,126	195.30	0.17
23.50	0.13	16,111	195.30	0.17
23.60	0.13	16,095	195.30	0.17
23.70	0.12	16,080	195.30	0.17
23.80	0.12	16,064	195.30	0.17
23.90	0.12	16,049	195.30	0.17
24.00	0.14	16,037	195.30	0.16
24.10	0.05	16,009	195.29	0.16
24.20	0.02	15,965	195.29	0.16
24.30	0.01	15,914	195.29	0.16
24.40	0.00	15,861	195.28	0.15
24.50	0.00	15,807	195.28	0.15
24.60	0.00	15,754	195.27	0.15
24.70	0.00	15,702	195.27	0.15
24.80	0.00	15,649	195.26	0.15
24.90	0.00	15,597	195.26	0.14
25.00	0.00	15,545	195.26	0.14
25.10	0.00	15,493	195.25	0.14
25.20	0.00	15,442	195.25	0.14
25.30	0.00	15,390	195.24	0.14
25.40	0.00	15,339	195.24	0.14
25.50	0.00	15,287	195.24	0.14
25.60	0.00	15,236	195.23	0.14
25.70	0.00	15,185	195.23	0.14
25.80	0.00	15,134	195.22	0.14
25.90	0.00	15,084	195.22	0.14

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	15,033	195.22	0.14
26.10	0.00	14,983	195.21	0.14
26.20	0.00	14,932	195.21	0.14
26.30	0.00	14,882	195.20	0.14
26.40	0.00	14,832	195.20	0.14
26.50	0.00	14,782	195.19	0.14
26.60	0.00	14,733	195.19	0.14
26.70	0.00	14,683	195.19	0.14
26.80	0.00	14,634	195.18	0.14
26.90	0.00	14,584	195.18	0.14
27.00	0.00	14,535	195.17	0.14
27.10	0.00	14,486	195.17	0.14
27.20	0.00	14,437	195.17	0.14
27.30	0.00	14,388	195.16	0.14
27.40	0.00	14,340	195.16	0.13
27.50	0.00	14,291	195.16	0.13
27.60	0.00	14,243	195.15	0.13
27.70	0.00	14,195	195.15	0.13
27.80	0.00	14,147	195.14	0.13
27.90	0.00	14,099	195.14	0.13
28.00	0.00	14,051	195.14	0.13
28.10	0.00	14,003	195.13	0.13
28.20	0.00	13,956	195.13	0.13
28.30	0.00	13,909	195.12	0.13
28.40	0.00	13,861	195.12	0.13
28.50	0.00	13,814	195.12	0.13
28.60	0.00	13,767	195.11	0.13
28.70	0.00	13,721	195.11	0.13
28.80	0.00	13,674	195.11	0.13
28.90	0.00	13,628	195.10	0.13
29.00	0.00	13,581	195.10	0.13
29.10	0.00	13,535	195.09	0.13
29.20	0.00	13,489	195.09	0.13
29.30	0.00	13,443	195.09	0.13
29.40	0.00	13,397	195.08	0.13
29.50	0.00	13,352	195.08	0.13
29.60	0.00	13,306	195.08	0.13
29.70	0.00	13,261	195.07	0.13
29.80	0.00	13,215	195.07	0.13
29.90	0.00	13,170	195.06	0.13
30.00	0.00	13,125	195.06	0.12
30.10	0.00	13,081	195.06	0.12
30.20	0.00	13,036	195.05	0.12
30.30	0.00	12,991	195.05	0.12
30.40	0.00	12,947	195.05	0.12
30.50	0.00	12,903	195.04	0.12
30.60	0.00	12,859	195.04	0.12
30.70	0.00	12,815	195.04	0.12
30.80	0.00	12,771	195.03	0.12
30.90	0.00	12,727	195.03	0.12
31.00	0.00	12,684	195.03	0.12
31.10	0.00	12,640	195.02	0.12

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,597	195.02	0.12
31.30	0.00	12,554	195.01	0.12
31.40	0.00	12,511	195.01	0.12
31.50	0.00	12,468	195.01	0.12
31.60	0.00	12,426	195.00	0.12
31.70	0.00	12,383	195.00	0.12
31.80	0.00	12,341	195.00	0.12
31.90	0.00	12,298	194.99	0.12
32.00	0.00	12,256	194.99	0.12
32.10	0.00	12,214	194.99	0.12
32.20	0.00	12,172	194.98	0.12
32.30	0.00	12,131	194.98	0.12
32.40	0.00	12,089	194.98	0.12
32.50	0.00	12,048	194.97	0.11
32.60	0.00	12,007	194.97	0.11
32.70	0.00	11,965	194.97	0.11
32.80	0.00	11,924	194.96	0.11
32.90	0.00	11,884	194.96	0.11
33.00	0.00	11,843	194.96	0.11
33.10	0.00	11,802	194.95	0.11
33.20	0.00	11,762	194.95	0.11
33.30	0.00	11,722	194.95	0.11
33.40	0.00	11,681	194.94	0.11
33.50	0.00	11,641	194.94	0.11
33.60	0.00	11,602	194.94	0.11
33.70	0.00	11,562	194.93	0.11
33.80	0.00	11,522	194.93	0.11
33.90	0.00	11,483	194.93	0.11
34.00	0.00	11,444	194.92	0.11
34.10	0.00	11,404	194.92	0.11
34.20	0.00	11,365	194.92	0.11
34.30	0.00	11,327	194.92	0.11
34.40	0.00	11,288	194.91	0.11
34.50	0.00	11,249	194.91	0.11
34.60	0.00	11,211	194.91	0.11
34.70	0.00	11,172	194.90	0.11
34.80	0.00	11,134	194.90	0.11
34.90	0.00	11,096	194.90	0.11
35.00	0.00	11,058	194.89	0.11
35.10	0.00	11,021	194.89	0.10
35.20	0.00	10,983	194.89	0.10
35.30	0.00	10,946	194.88	0.10
35.40	0.00	10,908	194.88	0.10
35.50	0.00	10,871	194.88	0.10
35.60	0.00	10,834	194.88	0.10
35.70	0.00	10,797	194.87	0.10
35.80	0.00	10,760	194.87	0.10
35.90	0.00	10,724	194.87	0.10
36.00	0.00	10,687	194.86	0.10
36.10	0.00	10,651	194.86	0.10
36.20	0.00	10,615	194.86	0.10
36.30	0.00	10,579	194.86	0.10

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,543	194.85	0.10
36.50	0.00	10,507	194.85	0.10
36.60	0.00	10,472	194.85	0.10
36.70	0.00	10,436	194.84	0.10
36.80	0.00	10,401	194.84	0.10
36.90	0.00	10,365	194.84	0.10
37.00	0.00	10,330	194.83	0.10
37.10	0.00	10,295	194.83	0.10
37.20	0.00	10,261	194.83	0.10
37.30	0.00	10,226	194.83	0.10
37.40	0.00	10,192	194.82	0.10
37.50	0.00	10,157	194.82	0.10
37.60	0.00	10,123	194.82	0.09
37.70	0.00	10,089	194.82	0.09
37.80	0.00	10,055	194.81	0.09
37.90	0.00	10,021	194.81	0.09
38.00	0.00	9,988	194.81	0.09
38.10	0.00	9,954	194.80	0.09
38.20	0.00	9,921	194.80	0.09
38.30	0.00	9,887	194.80	0.09
38.40	0.00	9,854	194.80	0.09
38.50	0.00	9,821	194.79	0.09
38.60	0.00	9,789	194.79	0.09
38.70	0.00	9,756	194.79	0.09
38.80	0.00	9,723	194.79	0.09
38.90	0.00	9,691	194.78	0.09
39.00	0.00	9,659	194.78	0.09
39.10	0.00	9,627	194.78	0.09
39.20	0.00	9,595	194.78	0.09
39.30	0.00	9,563	194.77	0.09
39.40	0.00	9,531	194.77	0.09
39.50	0.00	9,500	194.77	0.09
39.60	0.00	9,468	194.77	0.09
39.70	0.00	9,437	194.76	0.09
39.80	0.00	9,406	194.76	0.09
39.90	0.00	9,375	194.76	0.09
40.00	0.00	9,344	194.76	0.09

Stage-Discharge for Pond B-37B: Basin #37B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.03	195.04	0.12	195.56	0.67
194.01	0.00	194.53	0.03	195.05	0.12	195.57	0.70
194.02	0.00	194.54	0.04	195.06	0.12	195.58	0.73
194.03	0.00	194.55	0.04	195.07	0.13	195.59	0.75
194.04	0.00	194.56	0.05	195.08	0.13	195.60	0.78
194.05	0.00	194.57	0.05	195.09	0.13	195.61	0.81
194.06	0.00	194.58	0.05	195.10	0.13	195.62	0.84
194.07	0.00	194.59	0.05	195.11	0.13	195.63	0.87
194.08	0.00	194.60	0.06	195.12	0.13	195.64	0.90
194.09	0.00	194.61	0.06	195.13	0.13	195.65	0.93
194.10	0.00	194.62	0.06	195.14	0.13	195.66	0.96
194.11	0.00	194.63	0.06	195.15	0.13	195.67	0.99
194.12	0.00	194.64	0.06	195.16	0.13	195.68	1.02
194.13	0.00	194.65	0.07	195.17	0.14	195.69	1.05
194.14	0.00	194.66	0.07	195.18	0.14	195.70	1.09
194.15	0.00	194.67	0.07	195.19	0.14	195.71	1.12
194.16	0.00	194.68	0.07	195.20	0.14	195.72	1.15
194.17	0.00	194.69	0.07	195.21	0.14	195.73	1.18
194.18	0.00	194.70	0.08	195.22	0.14	195.74	1.22
194.19	0.00	194.71	0.08	195.23	0.14	195.75	1.25
194.20	0.00	194.72	0.08	195.24	0.14	195.76	1.29
194.21	0.00	194.73	0.08	195.25	0.14	195.77	1.32
194.22	0.00	194.74	0.08	195.26	0.14	195.78	1.35
194.23	0.00	194.75	0.08	195.27	0.15	195.79	1.38
194.24	0.00	194.76	0.09	195.28	0.15	195.80	1.41
194.25	0.00	194.77	0.09	195.29	0.16	195.81	1.44
194.26	0.00	194.78	0.09	195.30	0.16	195.82	1.46
194.27	0.00	194.79	0.09	195.31	0.17	195.83	1.49
194.28	0.00	194.80	0.09	195.32	0.19	195.84	1.51
194.29	0.00	194.81	0.09	195.33	0.20	195.85	1.54
194.30	0.00	194.82	0.10	195.34	0.21	195.86	1.56
194.31	0.00	194.83	0.10	195.35	0.23	195.87	1.58
194.32	0.00	194.84	0.10	195.36	0.24	195.88	1.61
194.33	0.00	194.85	0.10	195.37	0.26	195.89	1.63
194.34	0.00	194.86	0.10	195.38	0.27	195.90	1.65
194.35	0.00	194.87	0.10	195.39	0.29	195.91	1.67
194.36	0.00	194.88	0.10	195.40	0.31	195.92	1.69
194.37	0.00	194.89	0.10	195.41	0.33	195.93	1.71
194.38	0.00	194.90	0.11	195.42	0.35	195.94	1.73
194.39	0.00	194.91	0.11	195.43	0.37	195.95	1.75
194.40	0.00	194.92	0.11	195.44	0.39	195.96	1.77
194.41	0.00	194.93	0.11	195.45	0.41	195.97	1.79
194.42	0.00	194.94	0.11	195.46	0.43	195.98	1.81
194.43	0.00	194.95	0.11	195.47	0.45	195.99	1.83
194.44	0.01	194.96	0.11	195.48	0.47	196.00	1.85
194.45	0.01	194.97	0.11	195.49	0.50	196.01	1.87
194.46	0.01	194.98	0.12	195.50	0.52	196.02	1.89
194.47	0.01	194.99	0.12	195.51	0.54	196.03	1.91
194.48	0.02	195.00	0.12	195.52	0.57	196.04	1.92
194.49	0.02	195.01	0.12	195.53	0.59	196.05	1.94
194.50	0.02	195.02	0.12	195.54	0.62	196.06	1.96
194.51	0.03	195.03	0.12	195.55	0.65	196.07	1.98

Stage-Discharge for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	1.99	196.60	2.74	197.12	3.31	197.64	13.09
196.09	2.01	196.61	2.75	197.13	3.32	197.65	13.89
196.10	2.03	196.62	2.76	197.14	3.33	197.66	14.72
196.11	2.04	196.63	2.77	197.15	3.34	197.67	15.57
196.12	2.06	196.64	2.78	197.16	3.35	197.68	16.45
196.13	2.08	196.65	2.80	197.17	3.36	197.69	17.35
196.14	2.09	196.66	2.81	197.18	3.37	197.70	18.27
196.15	2.11	196.67	2.82	197.19	3.38	197.71	19.25
196.16	2.13	196.68	2.83	197.20	3.39	197.72	20.26
196.17	2.14	196.69	2.84	197.21	3.40	197.73	21.30
196.18	2.16	196.70	2.85	197.22	3.41	197.74	22.36
196.19	2.17	196.71	2.87	197.23	3.42	197.75	23.45
196.20	2.19	196.72	2.88	197.24	3.43	197.76	24.57
196.21	2.20	196.73	2.89	197.25	3.44	197.77	25.71
196.22	2.22	196.74	2.90	197.26	3.46	197.78	26.88
196.23	2.23	196.75	2.91	197.27	3.49	197.79	28.07
196.24	2.25	196.76	2.92	197.28	3.53	197.80	29.29
196.25	2.26	196.77	2.94	197.29	3.58	197.81	30.53
196.26	2.28	196.78	2.95	197.30	3.63	197.82	31.80
196.27	2.29	196.79	2.96	197.31	3.69	197.83	33.10
196.28	2.31	196.80	2.97	197.32	3.75	197.84	34.42
196.29	2.32	196.81	2.98	197.33	3.81	197.85	35.77
196.30	2.34	196.82	2.99	197.34	3.87	197.86	37.14
196.31	2.35	196.83	3.00	197.35	3.94	197.87	38.54
196.32	2.37	196.84	3.01	197.36	4.02	197.88	39.96
196.33	2.38	196.85	3.02	197.37	4.09	197.89	41.41
196.34	2.40	196.86	3.04	197.38	4.17	197.90	42.88
196.35	2.41	196.87	3.05	197.39	4.25	197.91	44.40
196.36	2.42	196.88	3.06	197.40	4.33	197.92	45.95
196.37	2.44	196.89	3.07	197.41	4.42	197.93	47.53
196.38	2.45	196.90	3.08	197.42	4.51	197.94	49.14
196.39	2.46	196.91	3.09	197.43	4.60	197.95	50.77
196.40	2.48	196.92	3.10	197.44	4.69	197.96	52.43
196.41	2.49	196.93	3.11	197.45	4.78	197.97	54.12
196.42	2.50	196.94	3.12	197.46	4.88	197.98	55.83
196.43	2.52	196.95	3.13	197.47	4.98	197.99	57.57
196.44	2.53	196.96	3.14	197.48	5.08	198.00	59.34
196.45	2.54	196.97	3.15	197.49	5.18		
196.46	2.56	196.98	3.16	197.50	5.28		
196.47	2.57	196.99	3.18	197.51	5.51		
196.48	2.58	197.00	3.19	197.52	5.83		
196.49	2.60	197.01	3.20	197.53	6.22		
196.50	2.61	197.02	3.21	197.54	6.66		
196.51	2.62	197.03	3.22	197.55	7.14		
196.52	2.64	197.04	3.23	197.56	7.67		
196.53	2.65	197.05	3.24	197.57	8.24		
196.54	2.66	197.06	3.25	197.58	8.84		
196.55	2.67	197.07	3.26	197.59	9.47		
196.56	2.69	197.08	3.27	197.60	10.14		
196.57	2.70	197.09	3.28	197.61	10.83		
196.58	2.71	197.10	3.29	197.62	11.56		
196.59	2.72	197.11	3.30	197.63	12.31		

Stage-Area-Storage for Pond B-37B: Basin #37B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	12,372	0	194.52	12,372	6,433
194.01	12,372	124	194.53	12,372	6,557
194.02	12,372	247	194.54	12,372	6,681
194.03	12,372	371	194.55	12,372	6,805
194.04	12,372	495	194.56	12,372	6,928
194.05	12,372	619	194.57	12,372	7,052
194.06	12,372	742	194.58	12,372	7,176
194.07	12,372	866	194.59	12,372	7,299
194.08	12,372	990	194.60	12,372	7,423
194.09	12,372	1,113	194.61	12,372	7,547
194.10	12,372	1,237	194.62	12,372	7,671
194.11	12,372	1,361	194.63	12,372	7,794
194.12	12,372	1,485	194.64	12,372	7,918
194.13	12,372	1,608	194.65	12,372	8,042
194.14	12,372	1,732	194.66	12,372	8,166
194.15	12,372	1,856	194.67	12,372	8,289
194.16	12,372	1,980	194.68	12,372	8,413
194.17	12,372	2,103	194.69	12,372	8,537
194.18	12,372	2,227	194.70	12,372	8,660
194.19	12,372	2,351	194.71	12,372	8,784
194.20	12,372	2,474	194.72	12,372	8,908
194.21	12,372	2,598	194.73	12,372	9,032
194.22	12,372	2,722	194.74	12,372	9,155
194.23	12,372	2,846	194.75	12,372	9,279
194.24	12,372	2,969	194.76	12,372	9,403
194.25	12,372	3,093	194.77	12,372	9,526
194.26	12,372	3,217	194.78	12,372	9,650
194.27	12,372	3,340	194.79	12,372	9,774
194.28	12,372	3,464	194.80	12,372	9,898
194.29	12,372	3,588	194.81	12,372	10,021
194.30	12,372	3,712	194.82	12,372	10,145
194.31	12,372	3,835	194.83	12,372	10,269
194.32	12,372	3,959	194.84	12,372	10,392
194.33	12,372	4,083	194.85	12,372	10,516
194.34	12,372	4,206	194.86	12,372	10,640
194.35	12,372	4,330	194.87	12,372	10,764
194.36	12,372	4,454	194.88	12,372	10,887
194.37	12,372	4,578	194.89	12,372	11,011
194.38	12,372	4,701	194.90	12,372	11,135
194.39	12,372	4,825	194.91	12,372	11,259
194.40	12,372	4,949	194.92	12,372	11,382
194.41	12,372	5,073	194.93	12,372	11,506
194.42	12,372	5,196	194.94	12,372	11,630
194.43	12,372	5,320	194.95	12,372	11,753
194.44	12,372	5,444	194.96	12,372	11,877
194.45	12,372	5,567	194.97	12,372	12,001
194.46	12,372	5,691	194.98	12,372	12,125
194.47	12,372	5,815	194.99	12,372	12,248
194.48	12,372	5,939	195.00	12,372	12,372
194.49	12,372	6,062	195.01	12,372	12,496
194.50	12,372	6,186	195.02	12,372	12,619
194.51	12,372	6,310	195.03	12,372	12,743

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	12,372	12,867	195.56	12,372	19,300
195.05	12,372	12,991	195.57	12,372	19,424
195.06	12,372	13,114	195.58	12,372	19,548
195.07	12,372	13,238	195.59	12,372	19,671
195.08	12,372	13,362	195.60	12,372	19,795
195.09	12,372	13,485	195.61	12,372	19,919
195.10	12,372	13,609	195.62	12,372	20,043
195.11	12,372	13,733	195.63	12,372	20,166
195.12	12,372	13,857	195.64	12,372	20,290
195.13	12,372	13,980	195.65	12,372	20,414
195.14	12,372	14,104	195.66	12,372	20,538
195.15	12,372	14,228	195.67	12,372	20,661
195.16	12,372	14,352	195.68	12,372	20,785
195.17	12,372	14,475	195.69	12,372	20,909
195.18	12,372	14,599	195.70	12,372	21,032
195.19	12,372	14,723	195.71	12,372	21,156
195.20	12,372	14,846	195.72	12,372	21,280
195.21	12,372	14,970	195.73	12,372	21,404
195.22	12,372	15,094	195.74	12,372	21,527
195.23	12,372	15,218	195.75	12,372	21,651
195.24	12,372	15,341	195.76	12,372	21,775
195.25	12,372	15,465	195.77	12,372	21,898
195.26	12,372	15,589	195.78	12,372	22,022
195.27	12,372	15,712	195.79	12,372	22,146
195.28	12,372	15,836	195.80	12,372	22,270
195.29	12,372	15,960	195.81	12,372	22,393
195.30	12,372	16,084	195.82	12,372	22,517
195.31	12,372	16,207	195.83	12,372	22,641
195.32	12,372	16,331	195.84	12,372	22,764
195.33	12,372	16,455	195.85	12,372	22,888
195.34	12,372	16,578	195.86	12,372	23,012
195.35	12,372	16,702	195.87	12,372	23,136
195.36	12,372	16,826	195.88	12,372	23,259
195.37	12,372	16,950	195.89	12,372	23,383
195.38	12,372	17,073	195.90	12,372	23,507
195.39	12,372	17,197	195.91	12,372	23,631
195.40	12,372	17,321	195.92	12,372	23,754
195.41	12,372	17,445	195.93	12,372	23,878
195.42	12,372	17,568	195.94	12,372	24,002
195.43	12,372	17,692	195.95	12,372	24,125
195.44	12,372	17,816	195.96	12,372	24,249
195.45	12,372	17,939	195.97	12,372	24,373
195.46	12,372	18,063	195.98	12,372	24,497
195.47	12,372	18,187	195.99	12,372	24,620
195.48	12,372	18,311	196.00	12,372	24,744
195.49	12,372	18,434	196.01	12,372	24,868
195.50	12,372	18,558	196.02	12,372	24,991
195.51	12,372	18,682	196.03	12,372	25,115
195.52	12,372	18,805	196.04	12,372	25,239
195.53	12,372	18,929	196.05	12,372	25,363
195.54	12,372	19,053	196.06	12,372	25,486
195.55	12,372	19,177	196.07	12,372	25,610

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	12,372	25,734	196.60	12,372	32,167
196.09	12,372	25,857	196.61	12,372	32,291
196.10	12,372	25,981	196.62	12,372	32,415
196.11	12,372	26,105	196.63	12,372	32,538
196.12	12,372	26,229	196.64	12,372	32,662
196.13	12,372	26,352	196.65	12,372	32,786
196.14	12,372	26,476	196.66	12,372	32,910
196.15	12,372	26,600	196.67	12,372	33,033
196.16	12,372	26,724	196.68	12,372	33,157
196.17	12,372	26,847	196.69	12,372	33,281
196.18	12,372	26,971	196.70	12,372	33,404
196.19	12,372	27,095	196.71	12,372	33,528
196.20	12,372	27,218	196.72	12,372	33,652
196.21	12,372	27,342	196.73	12,372	33,776
196.22	12,372	27,466	196.74	12,372	33,899
196.23	12,372	27,590	196.75	12,372	34,023
196.24	12,372	27,713	196.76	12,372	34,147
196.25	12,372	27,837	196.77	12,372	34,270
196.26	12,372	27,961	196.78	12,372	34,394
196.27	12,372	28,084	196.79	12,372	34,518
196.28	12,372	28,208	196.80	12,372	34,642
196.29	12,372	28,332	196.81	12,372	34,765
196.30	12,372	28,456	196.82	12,372	34,889
196.31	12,372	28,579	196.83	12,372	35,013
196.32	12,372	28,703	196.84	12,372	35,136
196.33	12,372	28,827	196.85	12,372	35,260
196.34	12,372	28,950	196.86	12,372	35,384
196.35	12,372	29,074	196.87	12,372	35,508
196.36	12,372	29,198	196.88	12,372	35,631
196.37	12,372	29,322	196.89	12,372	35,755
196.38	12,372	29,445	196.90	12,372	35,879
196.39	12,372	29,569	196.91	12,372	36,003
196.40	12,372	29,693	196.92	12,372	36,126
196.41	12,372	29,817	196.93	12,372	36,250
196.42	12,372	29,940	196.94	12,372	36,374
196.43	12,372	30,064	196.95	12,372	36,497
196.44	12,372	30,188	196.96	12,372	36,621
196.45	12,372	30,311	196.97	12,372	36,745
196.46	12,372	30,435	196.98	12,372	36,869
196.47	12,372	30,559	196.99	12,372	36,992
196.48	12,372	30,683	197.00	12,372	37,116
196.49	12,372	30,806	197.01	12,372	37,240
196.50	12,372	30,930	197.02	12,372	37,363
196.51	12,372	31,054	197.03	12,372	37,487
196.52	12,372	31,177	197.04	12,372	37,611
196.53	12,372	31,301	197.05	12,372	37,735
196.54	12,372	31,425	197.06	12,372	37,858
196.55	12,372	31,549	197.07	12,372	37,982
196.56	12,372	31,672	197.08	12,372	38,106
196.57	12,372	31,796	197.09	12,372	38,229
196.58	12,372	31,920	197.10	12,372	38,353
196.59	12,372	32,043	197.11	12,372	38,477

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	12,372	38,601	197.64	12,372	45,034
197.13	12,372	38,724	197.65	12,372	45,158
197.14	12,372	38,848	197.66	12,372	45,282
197.15	12,372	38,972	197.67	12,372	45,405
197.16	12,372	39,096	197.68	12,372	45,529
197.17	12,372	39,219	197.69	12,372	45,653
197.18	12,372	39,343	197.70	12,372	45,776
197.19	12,372	39,467	197.71	12,372	45,900
197.20	12,372	39,590	197.72	12,372	46,024
197.21	12,372	39,714	197.73	12,372	46,148
197.22	12,372	39,838	197.74	12,372	46,271
197.23	12,372	39,962	197.75	12,372	46,395
197.24	12,372	40,085	197.76	12,372	46,519
197.25	12,372	40,209	197.77	12,372	46,642
197.26	12,372	40,333	197.78	12,372	46,766
197.27	12,372	40,456	197.79	12,372	46,890
197.28	12,372	40,580	197.80	12,372	47,014
197.29	12,372	40,704	197.81	12,372	47,137
197.30	12,372	40,828	197.82	12,372	47,261
197.31	12,372	40,951	197.83	12,372	47,385
197.32	12,372	41,075	197.84	12,372	47,508
197.33	12,372	41,199	197.85	12,372	47,632
197.34	12,372	41,322	197.86	12,372	47,756
197.35	12,372	41,446	197.87	12,372	47,880
197.36	12,372	41,570	197.88	12,372	48,003
197.37	12,372	41,694	197.89	12,372	48,127
197.38	12,372	41,817	197.90	12,372	48,251
197.39	12,372	41,941	197.91	12,372	48,375
197.40	12,372	42,065	197.92	12,372	48,498
197.41	12,372	42,189	197.93	12,372	48,622
197.42	12,372	42,312	197.94	12,372	48,746
197.43	12,372	42,436	197.95	12,372	48,869
197.44	12,372	42,560	197.96	12,372	48,993
197.45	12,372	42,683	197.97	12,372	49,117
197.46	12,372	42,807	197.98	12,372	49,241
197.47	12,372	42,931	197.99	12,372	49,364
197.48	12,372	43,055	198.00	12,372	49,488
197.49	12,372	43,178			
197.50	12,372	43,302			
197.51	12,372	43,426			
197.52	12,372	43,549			
197.53	12,372	43,673			
197.54	12,372	43,797			
197.55	12,372	43,921			
197.56	12,372	44,044			
197.57	12,372	44,168			
197.58	12,372	44,292			
197.59	12,372	44,415			
197.60	12,372	44,539			
197.61	12,372	44,663			
197.62	12,372	44,787			
197.63	12,372	44,910			

Summary for Pond B-38: Basin #38

Inflow Area = 2.114 ac, 34.96% Impervious, Inflow Depth = 3.92" for Future 10 yr event
 Inflow = 8.15 cfs @ 12.12 hrs, Volume= 0.690 af
 Outflow = 2.39 cfs @ 12.49 hrs, Volume= 0.611 af, Atten= 71%, Lag= 22.6 min
 Primary = 2.39 cfs @ 12.49 hrs, Volume= 0.611 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 206.62' @ 12.49 hrs Surf.Area= 8,887 sf Storage= 14,005 cf

Plug-Flow detention time= 225.3 min calculated for 0.611 af (89% of inflow)
 Center-of-Mass det. time= 167.8 min (959.2 - 791.5)

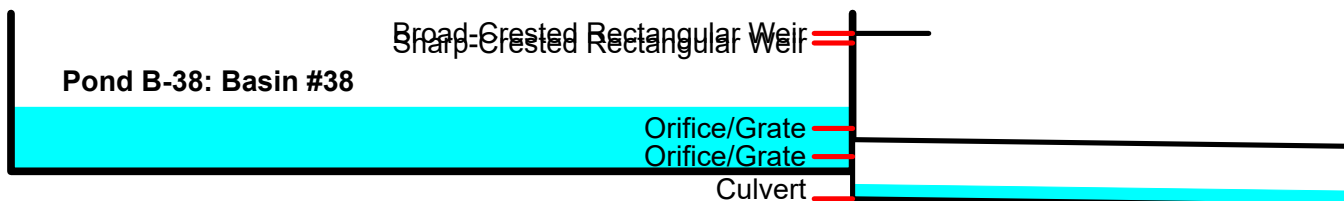
Volume	Invert	Avail.Storage	Storage Description
#1	205.00'	36,001 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
205.00	8,390	0	0
206.00	8,697	8,544	8,544
207.00	9,003	8,850	17,394
208.00	9,310	9,157	26,550
209.00	9,592	9,451	36,001

Device	Routing	Invert	Outlet Devices
#1	Primary	204.30'	18.0" Round Culvert L= 33.0' Ke= 0.500 Inlet / Outlet Invert= 204.30' / 204.13' S= 0.0052 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	205.37'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	206.09'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	208.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	208.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

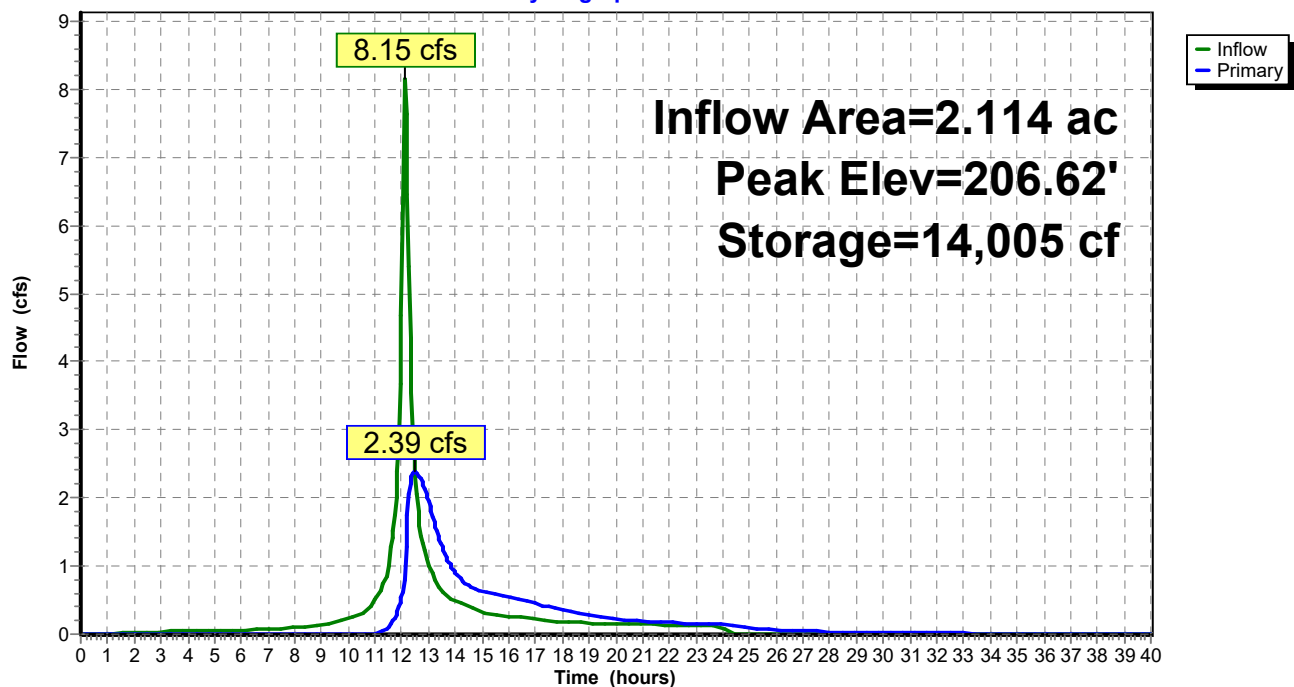
Primary OutFlow Max=2.39 cfs @ 12.49 hrs HW=206.62' (Free Discharge)

1=Culvert (Passes 2.39 cfs of 9.73 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.95 cfs @ 4.82 fps)
 3=Orifice/Grate (Orifice Controls 1.44 cfs @ 2.88 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-38: Basin #38

Hydrograph



Hydrograph for Pond B-38: Basin #38

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	205.00	0.00
0.10	0.00	0	205.00	0.00
0.20	0.00	0	205.00	0.00
0.30	0.00	0	205.00	0.00
0.40	0.00	0	205.00	0.00
0.50	0.00	0	205.00	0.00
0.60	0.00	0	205.00	0.00
0.70	0.00	0	205.00	0.00
0.80	0.00	1	205.00	0.00
0.90	0.01	2	205.00	0.00
1.00	0.01	4	205.00	0.00
1.10	0.01	8	205.00	0.00
1.20	0.01	12	205.00	0.00
1.30	0.01	17	205.00	0.00
1.40	0.02	22	205.00	0.00
1.50	0.02	29	205.00	0.00
1.60	0.02	35	205.00	0.00
1.70	0.02	43	205.01	0.00
1.80	0.02	51	205.01	0.00
1.90	0.03	60	205.01	0.00
2.00	0.03	69	205.01	0.00
2.10	0.03	79	205.01	0.00
2.20	0.03	89	205.01	0.00
2.30	0.03	100	205.01	0.00
2.40	0.03	112	205.01	0.00
2.50	0.03	123	205.01	0.00
2.60	0.03	136	205.02	0.00
2.70	0.04	148	205.02	0.00
2.80	0.04	161	205.02	0.00
2.90	0.04	175	205.02	0.00
3.00	0.04	189	205.02	0.00
3.10	0.04	203	205.02	0.00
3.20	0.04	217	205.03	0.00
3.30	0.04	232	205.03	0.00
3.40	0.04	247	205.03	0.00
3.50	0.04	263	205.03	0.00
3.60	0.04	279	205.03	0.00
3.70	0.05	295	205.04	0.00
3.80	0.05	312	205.04	0.00
3.90	0.05	329	205.04	0.00
4.00	0.05	346	205.04	0.00
4.10	0.05	363	205.04	0.00
4.20	0.05	381	205.05	0.00
4.30	0.05	399	205.05	0.00
4.40	0.05	417	205.05	0.00
4.50	0.05	436	205.05	0.00
4.60	0.05	455	205.05	0.00
4.70	0.05	474	205.06	0.00
4.80	0.05	493	205.06	0.00
4.90	0.05	513	205.06	0.00
5.00	0.06	533	205.06	0.00
5.10	0.06	553	205.07	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	573	205.07	0.00
5.30	0.06	594	205.07	0.00
5.40	0.06	615	205.07	0.00
5.50	0.06	636	205.08	0.00
5.60	0.06	657	205.08	0.00
5.70	0.06	679	205.08	0.00
5.80	0.06	701	205.08	0.00
5.90	0.06	723	205.09	0.00
6.00	0.06	745	205.09	0.00
6.10	0.06	768	205.09	0.00
6.20	0.07	791	205.09	0.00
6.30	0.07	815	205.10	0.00
6.40	0.07	839	205.10	0.00
6.50	0.07	865	205.10	0.00
6.60	0.07	890	205.11	0.00
6.70	0.07	917	205.11	0.00
6.80	0.08	944	205.11	0.00
6.90	0.08	972	205.12	0.00
7.00	0.08	1,000	205.12	0.00
7.10	0.08	1,029	205.12	0.00
7.20	0.08	1,059	205.13	0.00
7.30	0.09	1,090	205.13	0.00
7.40	0.09	1,121	205.13	0.00
7.50	0.09	1,152	205.14	0.00
7.60	0.09	1,185	205.14	0.00
7.70	0.09	1,218	205.14	0.00
7.80	0.09	1,251	205.15	0.00
7.90	0.10	1,286	205.15	0.00
8.00	0.10	1,321	205.16	0.00
8.10	0.10	1,356	205.16	0.00
8.20	0.10	1,393	205.17	0.00
8.30	0.10	1,430	205.17	0.00
8.40	0.11	1,468	205.17	0.00
8.50	0.11	1,508	205.18	0.00
8.60	0.12	1,549	205.18	0.00
8.70	0.12	1,591	205.19	0.00
8.80	0.12	1,635	205.19	0.00
8.90	0.13	1,680	205.20	0.00
9.00	0.13	1,726	205.20	0.00
9.10	0.14	1,774	205.21	0.00
9.20	0.15	1,826	205.22	0.00
9.30	0.16	1,881	205.22	0.00
9.40	0.17	1,939	205.23	0.00
9.50	0.18	2,001	205.24	0.00
9.60	0.19	2,067	205.25	0.00
9.70	0.20	2,137	205.25	0.00
9.80	0.21	2,210	205.26	0.00
9.90	0.22	2,288	205.27	0.00
10.00	0.23	2,370	205.28	0.00
10.10	0.24	2,456	205.29	0.00
10.20	0.26	2,546	205.30	0.00
10.30	0.27	2,641	205.31	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.28	2,741	205.32	0.00
10.50	0.30	2,845	205.34	0.00
10.60	0.33	2,958	205.35	0.00
10.70	0.37	3,083	205.37	0.00
10.80	0.41	3,222	205.38	0.00
10.90	0.45	3,376	205.40	0.00
11.00	0.50	3,545	205.42	0.01
11.10	0.57	3,732	205.44	0.02
11.20	0.65	3,942	205.47	0.03
11.30	0.73	4,177	205.49	0.05
11.40	0.82	4,436	205.52	0.07
11.50	0.91	4,717	205.56	0.10
11.60	1.28	5,066	205.60	0.14
11.70	1.52	5,509	205.65	0.20
11.80	2.00	6,053	205.71	0.29
11.90	2.81	6,794	205.80	0.40
12.00	4.68	7,965	205.93	0.53
12.10	8.05	10,013	206.17	0.81
12.20	6.45	12,232	206.42	1.76
12.30	4.35	13,448	206.56	2.22
12.40	2.96	13,916	206.61	2.36
12.50	2.35	14,005	206.62	2.39
12.60	1.79	13,894	206.61	2.35
12.70	1.44	13,637	206.58	2.28
12.80	1.26	13,319	206.54	2.18
12.90	1.13	12,985	206.51	2.07
13.00	1.02	12,650	206.47	1.94
13.10	0.91	12,323	206.43	1.80
13.20	0.83	12,014	206.40	1.65
13.30	0.76	11,731	206.36	1.51
13.40	0.70	11,473	206.33	1.38
13.50	0.64	11,236	206.31	1.28
13.60	0.58	11,014	206.28	1.18
13.70	0.54	10,807	206.26	1.09
13.80	0.52	10,618	206.24	1.02
13.90	0.50	10,447	206.22	0.95
14.00	0.48	10,291	206.20	0.90
14.10	0.47	10,148	206.18	0.85
14.20	0.45	10,016	206.17	0.81
14.30	0.44	9,892	206.15	0.77
14.40	0.42	9,775	206.14	0.74
14.50	0.41	9,663	206.13	0.71
14.60	0.39	9,555	206.12	0.69
14.70	0.38	9,449	206.10	0.67
14.80	0.36	9,344	206.09	0.65
14.90	0.34	9,238	206.08	0.64
15.00	0.33	9,130	206.07	0.63
15.10	0.31	9,019	206.05	0.62
15.20	0.30	8,907	206.04	0.61
15.30	0.30	8,796	206.03	0.60
15.40	0.29	8,686	206.02	0.60
15.50	0.29	8,578	206.00	0.59

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	8,471	205.99	0.58
15.70	0.28	8,367	205.98	0.57
15.80	0.27	8,264	205.97	0.56
15.90	0.27	8,163	205.96	0.55
16.00	0.27	8,065	205.94	0.54
16.10	0.26	7,968	205.93	0.53
16.20	0.26	7,873	205.92	0.52
16.30	0.25	7,780	205.91	0.51
16.40	0.25	7,688	205.90	0.50
16.50	0.25	7,599	205.89	0.49
16.60	0.24	7,511	205.88	0.48
16.70	0.24	7,425	205.87	0.47
16.80	0.23	7,341	205.86	0.47
16.90	0.23	7,258	205.85	0.46
17.00	0.23	7,177	205.84	0.45
17.10	0.22	7,097	205.83	0.44
17.20	0.22	7,020	205.82	0.43
17.30	0.21	6,944	205.82	0.42
17.40	0.21	6,871	205.81	0.41
17.50	0.20	6,799	205.80	0.40
17.60	0.20	6,730	205.79	0.39
17.70	0.20	6,663	205.78	0.38
17.80	0.19	6,598	205.78	0.37
17.90	0.19	6,535	205.77	0.36
18.00	0.18	6,474	205.76	0.35
18.10	0.18	6,414	205.75	0.34
18.20	0.18	6,357	205.75	0.33
18.30	0.17	6,301	205.74	0.32
18.40	0.17	6,249	205.73	0.32
18.50	0.17	6,199	205.73	0.31
18.60	0.17	6,151	205.72	0.30
18.70	0.17	6,105	205.72	0.29
18.80	0.17	6,062	205.71	0.29
18.90	0.17	6,020	205.71	0.28
19.00	0.17	5,981	205.70	0.27
19.10	0.17	5,943	205.70	0.27
19.20	0.16	5,907	205.70	0.26
19.30	0.16	5,872	205.69	0.26
19.40	0.16	5,839	205.69	0.25
19.50	0.16	5,808	205.68	0.25
19.60	0.16	5,778	205.68	0.24
19.70	0.16	5,749	205.68	0.24
19.80	0.16	5,721	205.67	0.23
19.90	0.16	5,694	205.67	0.23
20.00	0.16	5,668	205.67	0.23
20.10	0.16	5,644	205.66	0.22
20.20	0.15	5,620	205.66	0.22
20.30	0.15	5,597	205.66	0.22
20.40	0.15	5,575	205.66	0.21
20.50	0.15	5,553	205.65	0.21
20.60	0.15	5,533	205.65	0.21
20.70	0.15	5,513	205.65	0.20

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	5,494	205.65	0.20
20.90	0.15	5,475	205.64	0.20
21.00	0.15	5,457	205.64	0.20
21.10	0.14	5,440	205.64	0.19
21.20	0.14	5,423	205.64	0.19
21.30	0.14	5,406	205.64	0.19
21.40	0.14	5,390	205.64	0.19
21.50	0.14	5,375	205.63	0.18
21.60	0.14	5,359	205.63	0.18
21.70	0.14	5,344	205.63	0.18
21.80	0.14	5,330	205.63	0.18
21.90	0.14	5,316	205.63	0.18
22.00	0.14	5,302	205.62	0.17
22.10	0.13	5,288	205.62	0.17
22.20	0.13	5,275	205.62	0.17
22.30	0.13	5,262	205.62	0.17
22.40	0.13	5,249	205.62	0.17
22.50	0.13	5,237	205.62	0.16
22.60	0.13	5,224	205.62	0.16
22.70	0.13	5,212	205.61	0.16
22.80	0.13	5,201	205.61	0.16
22.90	0.13	5,189	205.61	0.16
23.00	0.12	5,177	205.61	0.16
23.10	0.12	5,166	205.61	0.15
23.20	0.12	5,155	205.61	0.15
23.30	0.12	5,144	205.61	0.15
23.40	0.12	5,133	205.61	0.15
23.50	0.12	5,123	205.60	0.15
23.60	0.12	5,112	205.60	0.15
23.70	0.12	5,102	205.60	0.15
23.80	0.12	5,091	205.60	0.14
23.90	0.11	5,081	205.60	0.14
24.00	0.13	5,073	205.60	0.14
24.10	0.07	5,059	205.60	0.14
24.20	0.02	5,026	205.59	0.14
24.30	0.01	4,982	205.59	0.13
24.40	0.00	4,938	205.58	0.13
24.50	0.00	4,894	205.58	0.12
24.60	0.00	4,852	205.57	0.11
24.70	0.00	4,811	205.57	0.11
24.80	0.00	4,773	205.56	0.10
24.90	0.00	4,736	205.56	0.10
25.00	0.00	4,700	205.55	0.10
25.10	0.00	4,666	205.55	0.09
25.20	0.00	4,633	205.55	0.09
25.30	0.00	4,602	205.54	0.09
25.40	0.00	4,571	205.54	0.08
25.50	0.00	4,542	205.54	0.08
25.60	0.00	4,514	205.53	0.08
25.70	0.00	4,486	205.53	0.07
25.80	0.00	4,460	205.53	0.07
25.90	0.00	4,435	205.52	0.07

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,411	205.52	0.07
26.10	0.00	4,387	205.52	0.06
26.20	0.00	4,365	205.52	0.06
26.30	0.00	4,343	205.51	0.06
26.40	0.00	4,322	205.51	0.06
26.50	0.00	4,301	205.51	0.06
26.60	0.00	4,281	205.51	0.05
26.70	0.00	4,261	205.50	0.05
26.80	0.00	4,243	205.50	0.05
26.90	0.00	4,224	205.50	0.05
27.00	0.00	4,207	205.50	0.05
27.10	0.00	4,189	205.49	0.05
27.20	0.00	4,173	205.49	0.05
27.30	0.00	4,157	205.49	0.04
27.40	0.00	4,141	205.49	0.04
27.50	0.00	4,126	205.49	0.04
27.60	0.00	4,111	205.49	0.04
27.70	0.00	4,097	205.48	0.04
27.80	0.00	4,083	205.48	0.04
27.90	0.00	4,069	205.48	0.04
28.00	0.00	4,056	205.48	0.04
28.10	0.00	4,044	205.48	0.03
28.20	0.00	4,031	205.48	0.03
28.30	0.00	4,019	205.47	0.03
28.40	0.00	4,007	205.47	0.03
28.50	0.00	3,995	205.47	0.03
28.60	0.00	3,984	205.47	0.03
28.70	0.00	3,973	205.47	0.03
28.80	0.00	3,962	205.47	0.03
28.90	0.00	3,951	205.47	0.03
29.00	0.00	3,941	205.47	0.03
29.10	0.00	3,931	205.46	0.03
29.20	0.00	3,921	205.46	0.03
29.30	0.00	3,911	205.46	0.03
29.40	0.00	3,901	205.46	0.03
29.50	0.00	3,892	205.46	0.03
29.60	0.00	3,883	205.46	0.03
29.70	0.00	3,874	205.46	0.02
29.80	0.00	3,865	205.46	0.02
29.90	0.00	3,857	205.46	0.02
30.00	0.00	3,848	205.45	0.02
30.10	0.00	3,840	205.45	0.02
30.20	0.00	3,832	205.45	0.02
30.30	0.00	3,825	205.45	0.02
30.40	0.00	3,817	205.45	0.02
30.50	0.00	3,809	205.45	0.02
30.60	0.00	3,802	205.45	0.02
30.70	0.00	3,795	205.45	0.02
30.80	0.00	3,788	205.45	0.02
30.90	0.00	3,781	205.45	0.02
31.00	0.00	3,775	205.45	0.02
31.10	0.00	3,768	205.45	0.02

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,762	205.44	0.02
31.30	0.00	3,755	205.44	0.02
31.40	0.00	3,749	205.44	0.02
31.50	0.00	3,743	205.44	0.02
31.60	0.00	3,737	205.44	0.02
31.70	0.00	3,732	205.44	0.02
31.80	0.00	3,726	205.44	0.02
31.90	0.00	3,721	205.44	0.02
32.00	0.00	3,715	205.44	0.01
32.10	0.00	3,710	205.44	0.01
32.20	0.00	3,705	205.44	0.01
32.30	0.00	3,700	205.44	0.01
32.40	0.00	3,694	205.44	0.01
32.50	0.00	3,689	205.44	0.01
32.60	0.00	3,684	205.44	0.01
32.70	0.00	3,680	205.44	0.01
32.80	0.00	3,675	205.43	0.01
32.90	0.00	3,670	205.43	0.01
33.00	0.00	3,665	205.43	0.01
33.10	0.00	3,661	205.43	0.01
33.20	0.00	3,656	205.43	0.01
33.30	0.00	3,651	205.43	0.01
33.40	0.00	3,647	205.43	0.01
33.50	0.00	3,642	205.43	0.01
33.60	0.00	3,638	205.43	0.01
33.70	0.00	3,634	205.43	0.01
33.80	0.00	3,630	205.43	0.01
33.90	0.00	3,625	205.43	0.01
34.00	0.00	3,621	205.43	0.01
34.10	0.00	3,617	205.43	0.01
34.20	0.00	3,613	205.43	0.01
34.30	0.00	3,609	205.43	0.01
34.40	0.00	3,605	205.43	0.01
34.50	0.00	3,601	205.43	0.01
34.60	0.00	3,597	205.43	0.01
34.70	0.00	3,594	205.43	0.01
34.80	0.00	3,590	205.42	0.01
34.90	0.00	3,586	205.42	0.01
35.00	0.00	3,582	205.42	0.01
35.10	0.00	3,579	205.42	0.01
35.20	0.00	3,575	205.42	0.01
35.30	0.00	3,572	205.42	0.01
35.40	0.00	3,568	205.42	0.01
35.50	0.00	3,565	205.42	0.01
35.60	0.00	3,562	205.42	0.01
35.70	0.00	3,558	205.42	0.01
35.80	0.00	3,555	205.42	0.01
35.90	0.00	3,552	205.42	0.01
36.00	0.00	3,548	205.42	0.01
36.10	0.00	3,545	205.42	0.01
36.20	0.00	3,542	205.42	0.01
36.30	0.00	3,539	205.42	0.01

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,536	205.42	0.01
36.50	0.00	3,533	205.42	0.01
36.60	0.00	3,530	205.42	0.01
36.70	0.00	3,527	205.42	0.01
36.80	0.00	3,524	205.42	0.01
36.90	0.00	3,521	205.42	0.01
37.00	0.00	3,519	205.42	0.01
37.10	0.00	3,516	205.42	0.01
37.20	0.00	3,513	205.42	0.01
37.30	0.00	3,510	205.42	0.01
37.40	0.00	3,508	205.41	0.01
37.50	0.00	3,505	205.41	0.01
37.60	0.00	3,502	205.41	0.01
37.70	0.00	3,500	205.41	0.01
37.80	0.00	3,497	205.41	0.01
37.90	0.00	3,495	205.41	0.01
38.00	0.00	3,492	205.41	0.01
38.10	0.00	3,490	205.41	0.01
38.20	0.00	3,487	205.41	0.01
38.30	0.00	3,485	205.41	0.01
38.40	0.00	3,483	205.41	0.01
38.50	0.00	3,480	205.41	0.01
38.60	0.00	3,478	205.41	0.01
38.70	0.00	3,476	205.41	0.01
38.80	0.00	3,474	205.41	0.01
38.90	0.00	3,471	205.41	0.01
39.00	0.00	3,469	205.41	0.01
39.10	0.00	3,467	205.41	0.01
39.20	0.00	3,465	205.41	0.01
39.30	0.00	3,463	205.41	0.01
39.40	0.00	3,461	205.41	0.01
39.50	0.00	3,459	205.41	0.01
39.60	0.00	3,457	205.41	0.01
39.70	0.00	3,455	205.41	0.01
39.80	0.00	3,453	205.41	0.01
39.90	0.00	3,451	205.41	0.01
40.00	0.00	3,449	205.41	0.01

Stage-Discharge for Pond B-38: Basin #38

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.00	0.00	205.52	0.07	206.04	0.61	206.56	2.22
205.01	0.00	205.53	0.07	206.05	0.62	206.57	2.25
205.02	0.00	205.54	0.08	206.06	0.63	206.58	2.28
205.03	0.00	205.55	0.09	206.07	0.63	206.59	2.31
205.04	0.00	205.56	0.10	206.08	0.64	206.60	2.33
205.05	0.00	205.57	0.11	206.09	0.65	206.61	2.36
205.06	0.00	205.58	0.12	206.10	0.66	206.62	2.38
205.07	0.00	205.59	0.13	206.11	0.68	206.63	2.41
205.08	0.00	205.60	0.14	206.12	0.69	206.64	2.43
205.09	0.00	205.61	0.16	206.13	0.71	206.65	2.46
205.10	0.00	205.62	0.17	206.14	0.74	206.66	2.48
205.11	0.00	205.63	0.18	206.15	0.76	206.67	2.51
205.12	0.00	205.64	0.19	206.16	0.78	206.68	2.53
205.13	0.00	205.65	0.20	206.17	0.81	206.69	2.55
205.14	0.00	205.66	0.22	206.18	0.84	206.70	2.58
205.15	0.00	205.67	0.23	206.19	0.87	206.71	2.60
205.16	0.00	205.68	0.24	206.20	0.90	206.72	2.62
205.17	0.00	205.69	0.26	206.21	0.93	206.73	2.64
205.18	0.00	205.70	0.27	206.22	0.96	206.74	2.67
205.19	0.00	205.71	0.28	206.23	0.99	206.75	2.69
205.20	0.00	205.72	0.30	206.24	1.02	206.76	2.71
205.21	0.00	205.73	0.31	206.25	1.06	206.77	2.73
205.22	0.00	205.74	0.32	206.26	1.09	206.78	2.75
205.23	0.00	205.75	0.34	206.27	1.13	206.79	2.77
205.24	0.00	205.76	0.35	206.28	1.17	206.80	2.79
205.25	0.00	205.77	0.36	206.29	1.20	206.81	2.82
205.26	0.00	205.78	0.38	206.30	1.24	206.82	2.84
205.27	0.00	205.79	0.39	206.31	1.28	206.83	2.86
205.28	0.00	205.80	0.40	206.32	1.32	206.84	2.88
205.29	0.00	205.81	0.41	206.33	1.36	206.85	2.90
205.30	0.00	205.82	0.43	206.34	1.40	206.86	2.92
205.31	0.00	205.83	0.44	206.35	1.45	206.87	2.94
205.32	0.00	205.84	0.45	206.36	1.49	206.88	2.96
205.33	0.00	205.85	0.46	206.37	1.53	206.89	2.98
205.34	0.00	205.86	0.47	206.38	1.58	206.90	3.00
205.35	0.00	205.87	0.47	206.39	1.62	206.91	3.01
205.36	0.00	205.88	0.48	206.40	1.67	206.92	3.03
205.37	0.00	205.89	0.49	206.41	1.71	206.93	3.05
205.38	0.00	205.90	0.50	206.42	1.76	206.94	3.07
205.39	0.00	205.91	0.51	206.43	1.80	206.95	3.09
205.40	0.00	205.92	0.52	206.44	1.84	206.96	3.11
205.41	0.01	205.93	0.53	206.45	1.88	206.97	3.13
205.42	0.01	205.94	0.53	206.46	1.92	206.98	3.15
205.43	0.01	205.95	0.54	206.47	1.95	206.99	3.16
205.44	0.02	205.96	0.55	206.48	1.98	207.00	3.18
205.45	0.02	205.97	0.56	206.49	2.02	207.01	3.20
205.46	0.02	205.98	0.57	206.50	2.05	207.02	3.22
205.47	0.03	205.99	0.58	206.51	2.08	207.03	3.24
205.48	0.04	206.00	0.58	206.52	2.11	207.04	3.25
205.49	0.04	206.01	0.59	206.53	2.14	207.05	3.27
205.50	0.05	206.02	0.60	206.54	2.17	207.06	3.29
205.51	0.06	206.03	0.61	206.55	2.20	207.07	3.31

Stage-Discharge for Pond B-38: Basin #38 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.08	3.32	207.60	4.12	208.12	4.78	208.64	14.65
207.09	3.34	207.61	4.13	208.13	4.79	208.65	15.46
207.10	3.36	207.62	4.15	208.14	4.80	208.66	16.29
207.11	3.37	207.63	4.16	208.15	4.82	208.67	17.14
207.12	3.39	207.64	4.17	208.16	4.83	208.68	18.02
207.13	3.41	207.65	4.19	208.17	4.84	208.69	18.92
207.14	3.42	207.66	4.20	208.18	4.85	208.70	19.85
207.15	3.44	207.67	4.21	208.19	4.86	208.71	20.83
207.16	3.46	207.68	4.23	208.20	4.87	208.72	21.84
207.17	3.47	207.69	4.24	208.21	4.89	208.73	22.88
207.18	3.49	207.70	4.25	208.22	4.90	208.74	23.94
207.19	3.51	207.71	4.27	208.23	4.91	208.75	25.04
207.20	3.52	207.72	4.28	208.24	4.92	208.76	26.15
207.21	3.54	207.73	4.29	208.25	4.93	208.77	27.30
207.22	3.56	207.74	4.31	208.26	4.96	208.78	28.47
207.23	3.57	207.75	4.32	208.27	4.99	208.79	29.66
207.24	3.59	207.76	4.33	208.28	5.03	208.80	30.88
207.25	3.60	207.77	4.35	208.29	5.08	208.81	32.13
207.26	3.62	207.78	4.36	208.30	5.13	208.82	33.40
207.27	3.64	207.79	4.37	208.31	5.19	208.83	34.70
207.28	3.65	207.80	4.39	208.32	5.25	208.84	36.02
207.29	3.67	207.81	4.40	208.33	5.32	208.85	37.37
207.30	3.68	207.82	4.41	208.34	5.38	208.86	38.74
207.31	3.70	207.83	4.42	208.35	5.46	208.87	40.14
207.32	3.71	207.84	4.44	208.36	5.53	208.88	41.56
207.33	3.73	207.85	4.45	208.37	5.61	208.89	43.01
207.34	3.74	207.86	4.46	208.38	5.69	208.90	44.49
207.35	3.76	207.87	4.47	208.39	5.77	208.91	46.01
207.36	3.77	207.88	4.49	208.40	5.85	208.92	47.57
207.37	3.79	207.89	4.50	208.41	5.94	208.93	49.15
207.38	3.80	207.90	4.51	208.42	6.03	208.94	50.75
207.39	3.82	207.91	4.52	208.43	6.12	208.95	52.39
207.40	3.83	207.92	4.54	208.44	6.22	208.96	54.05
207.41	3.85	207.93	4.55	208.45	6.31	208.97	55.74
207.42	3.86	207.94	4.56	208.46	6.41	208.98	57.45
207.43	3.88	207.95	4.57	208.47	6.51	208.99	59.20
207.44	3.89	207.96	4.59	208.48	6.61	209.00	60.97
207.45	3.91	207.97	4.60	208.49	6.72		
207.46	3.92	207.98	4.61	208.50	6.82		
207.47	3.94	207.99	4.62	208.51	7.05		
207.48	3.95	208.00	4.64	208.52	7.37		
207.49	3.96	208.01	4.65	208.53	7.76		
207.50	3.98	208.02	4.66	208.54	8.20		
207.51	3.99	208.03	4.67	208.55	8.69		
207.52	4.01	208.04	4.68	208.56	9.22		
207.53	4.02	208.05	4.70	208.57	9.79		
207.54	4.04	208.06	4.71	208.58	10.39		
207.55	4.05	208.07	4.72	208.59	11.03		
207.56	4.06	208.08	4.73	208.60	11.70		
207.57	4.08	208.09	4.74	208.61	12.39		
207.58	4.09	208.10	4.76	208.62	13.12		
207.59	4.11	208.11	4.77	208.63	13.87		

Stage-Area-Storage for Pond B-38: Basin #38

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.00	8,390	0	205.52	8,550	4,404
205.01	8,393	84	205.53	8,553	4,490
205.02	8,396	168	205.54	8,556	4,575
205.03	8,399	252	205.55	8,559	4,661
205.04	8,402	336	205.56	8,562	4,747
205.05	8,405	420	205.57	8,565	4,832
205.06	8,408	504	205.58	8,568	4,918
205.07	8,411	588	205.59	8,571	5,004
205.08	8,415	672	205.60	8,574	5,089
205.09	8,418	756	205.61	8,577	5,175
205.10	8,421	841	205.62	8,580	5,261
205.11	8,424	925	205.63	8,583	5,347
205.12	8,427	1,009	205.64	8,586	5,432
205.13	8,430	1,093	205.65	8,590	5,518
205.14	8,433	1,178	205.66	8,593	5,604
205.15	8,436	1,262	205.67	8,596	5,690
205.16	8,439	1,346	205.68	8,599	5,776
205.17	8,442	1,431	205.69	8,602	5,862
205.18	8,445	1,515	205.70	8,605	5,948
205.19	8,448	1,600	205.71	8,608	6,034
205.20	8,451	1,684	205.72	8,611	6,120
205.21	8,454	1,769	205.73	8,614	6,207
205.22	8,458	1,853	205.74	8,617	6,293
205.23	8,461	1,938	205.75	8,620	6,379
205.24	8,464	2,022	205.76	8,623	6,465
205.25	8,467	2,107	205.77	8,626	6,551
205.26	8,470	2,192	205.78	8,629	6,638
205.27	8,473	2,276	205.79	8,633	6,724
205.28	8,476	2,361	205.80	8,636	6,810
205.29	8,479	2,446	205.81	8,639	6,897
205.30	8,482	2,531	205.82	8,642	6,983
205.31	8,485	2,616	205.83	8,645	7,069
205.32	8,488	2,701	205.84	8,648	7,156
205.33	8,491	2,785	205.85	8,651	7,242
205.34	8,494	2,870	205.86	8,654	7,329
205.35	8,497	2,955	205.87	8,657	7,415
205.36	8,501	3,040	205.88	8,660	7,502
205.37	8,504	3,125	205.89	8,663	7,589
205.38	8,507	3,210	205.90	8,666	7,675
205.39	8,510	3,295	205.91	8,669	7,762
205.40	8,513	3,381	205.92	8,672	7,849
205.41	8,516	3,466	205.93	8,676	7,935
205.42	8,519	3,551	205.94	8,679	8,022
205.43	8,522	3,636	205.95	8,682	8,109
205.44	8,525	3,721	205.96	8,685	8,196
205.45	8,528	3,807	205.97	8,688	8,283
205.46	8,531	3,892	205.98	8,691	8,370
205.47	8,534	3,977	205.99	8,694	8,457
205.48	8,537	4,063	206.00	8,697	8,544
205.49	8,540	4,148	206.01	8,700	8,630
205.50	8,544	4,233	206.02	8,703	8,718
205.51	8,547	4,319	206.03	8,706	8,805

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
206.04	8,709	8,892	206.56	8,868	13,462
206.05	8,712	8,979	206.57	8,871	13,550
206.06	8,715	9,066	206.58	8,874	13,639
206.07	8,718	9,153	206.59	8,878	13,728
206.08	8,721	9,240	206.60	8,881	13,817
206.09	8,725	9,327	206.61	8,884	13,906
206.10	8,728	9,415	206.62	8,887	13,994
206.11	8,731	9,502	206.63	8,890	14,083
206.12	8,734	9,589	206.64	8,893	14,172
206.13	8,737	9,677	206.65	8,896	14,261
206.14	8,740	9,764	206.66	8,899	14,350
206.15	8,743	9,851	206.67	8,902	14,439
206.16	8,746	9,939	206.68	8,905	14,528
206.17	8,749	10,026	206.69	8,908	14,617
206.18	8,752	10,114	206.70	8,911	14,706
206.19	8,755	10,201	206.71	8,914	14,795
206.20	8,758	10,289	206.72	8,917	14,885
206.21	8,761	10,377	206.73	8,920	14,974
206.22	8,764	10,464	206.74	8,923	15,063
206.23	8,767	10,552	206.75	8,927	15,152
206.24	8,770	10,640	206.76	8,930	15,242
206.25	8,774	10,727	206.77	8,933	15,331
206.26	8,777	10,815	206.78	8,936	15,420
206.27	8,780	10,903	206.79	8,939	15,510
206.28	8,783	10,991	206.80	8,942	15,599
206.29	8,786	11,078	206.81	8,945	15,688
206.30	8,789	11,166	206.82	8,948	15,778
206.31	8,792	11,254	206.83	8,951	15,867
206.32	8,795	11,342	206.84	8,954	15,957
206.33	8,798	11,430	206.85	8,957	16,046
206.34	8,801	11,518	206.86	8,960	16,136
206.35	8,804	11,606	206.87	8,963	16,226
206.36	8,807	11,694	206.88	8,966	16,315
206.37	8,810	11,782	206.89	8,969	16,405
206.38	8,813	11,870	206.90	8,972	16,495
206.39	8,816	11,959	206.91	8,975	16,584
206.40	8,819	12,047	206.92	8,979	16,674
206.41	8,822	12,135	206.93	8,982	16,764
206.42	8,826	12,223	206.94	8,985	16,854
206.43	8,829	12,311	206.95	8,988	16,944
206.44	8,832	12,400	206.96	8,991	17,034
206.45	8,835	12,488	206.97	8,994	17,124
206.46	8,838	12,576	206.98	8,997	17,214
206.47	8,841	12,665	206.99	9,000	17,303
206.48	8,844	12,753	207.00	9,003	17,394
206.49	8,847	12,842	207.01	9,006	17,484
206.50	8,850	12,930	207.02	9,009	17,574
206.51	8,853	13,019	207.03	9,012	17,664
206.52	8,856	13,107	207.04	9,015	17,754
206.53	8,859	13,196	207.05	9,018	17,844
206.54	8,862	13,284	207.06	9,021	17,934
206.55	8,865	13,373	207.07	9,024	18,024

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.08	9,028	18,115	207.60	9,187	22,851
207.09	9,031	18,205	207.61	9,190	22,942
207.10	9,034	18,295	207.62	9,193	23,034
207.11	9,037	18,386	207.63	9,196	23,126
207.12	9,040	18,476	207.64	9,199	23,218
207.13	9,043	18,566	207.65	9,203	23,310
207.14	9,046	18,657	207.66	9,206	23,402
207.15	9,049	18,747	207.67	9,209	23,494
207.16	9,052	18,838	207.68	9,212	23,587
207.17	9,055	18,928	207.69	9,215	23,679
207.18	9,058	19,019	207.70	9,218	23,771
207.19	9,061	19,110	207.71	9,221	23,863
207.20	9,064	19,200	207.72	9,224	23,955
207.21	9,067	19,291	207.73	9,227	24,047
207.22	9,071	19,382	207.74	9,230	24,140
207.23	9,074	19,472	207.75	9,233	24,232
207.24	9,077	19,563	207.76	9,236	24,324
207.25	9,080	19,654	207.77	9,239	24,417
207.26	9,083	19,745	207.78	9,242	24,509
207.27	9,086	19,836	207.79	9,246	24,602
207.28	9,089	19,926	207.80	9,249	24,694
207.29	9,092	20,017	207.81	9,252	24,787
207.30	9,095	20,108	207.82	9,255	24,879
207.31	9,098	20,199	207.83	9,258	24,972
207.32	9,101	20,290	207.84	9,261	25,064
207.33	9,104	20,381	207.85	9,264	25,157
207.34	9,107	20,472	207.86	9,267	25,250
207.35	9,110	20,563	207.87	9,270	25,342
207.36	9,114	20,654	207.88	9,273	25,435
207.37	9,117	20,746	207.89	9,276	25,528
207.38	9,120	20,837	207.90	9,279	25,621
207.39	9,123	20,928	207.91	9,282	25,713
207.40	9,126	21,019	207.92	9,285	25,806
207.41	9,129	21,111	207.93	9,289	25,899
207.42	9,132	21,202	207.94	9,292	25,992
207.43	9,135	21,293	207.95	9,295	26,085
207.44	9,138	21,385	207.96	9,298	26,178
207.45	9,141	21,476	207.97	9,301	26,271
207.46	9,144	21,567	207.98	9,304	26,364
207.47	9,147	21,659	207.99	9,307	26,457
207.48	9,150	21,750	208.00	9,310	26,550
207.49	9,153	21,842	208.01	9,313	26,643
207.50	9,157	21,933	208.02	9,316	26,736
207.51	9,160	22,025	208.03	9,318	26,829
207.52	9,163	22,117	208.04	9,321	26,923
207.53	9,166	22,208	208.05	9,324	27,016
207.54	9,169	22,300	208.06	9,327	27,109
207.55	9,172	22,392	208.07	9,330	27,202
207.56	9,175	22,483	208.08	9,333	27,296
207.57	9,178	22,575	208.09	9,335	27,389
207.58	9,181	22,667	208.10	9,338	27,482
207.59	9,184	22,759	208.11	9,341	27,576

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.12	9,344	27,669	208.64	9,490	32,566
208.13	9,347	27,763	208.65	9,493	32,661
208.14	9,349	27,856	208.66	9,496	32,756
208.15	9,352	27,950	208.67	9,499	32,851
208.16	9,355	28,043	208.68	9,502	32,946
208.17	9,358	28,137	208.69	9,505	33,041
208.18	9,361	28,230	208.70	9,507	33,136
208.19	9,364	28,324	208.71	9,510	33,231
208.20	9,366	28,418	208.72	9,513	33,326
208.21	9,369	28,511	208.73	9,516	33,421
208.22	9,372	28,605	208.74	9,519	33,517
208.23	9,375	28,699	208.75	9,522	33,612
208.24	9,378	28,793	208.76	9,524	33,707
208.25	9,381	28,886	208.77	9,527	33,802
208.26	9,383	28,980	208.78	9,530	33,898
208.27	9,386	29,074	208.79	9,533	33,993
208.28	9,389	29,168	208.80	9,536	34,088
208.29	9,392	29,262	208.81	9,538	34,184
208.30	9,395	29,356	208.82	9,541	34,279
208.31	9,397	29,450	208.83	9,544	34,374
208.32	9,400	29,544	208.84	9,547	34,470
208.33	9,403	29,638	208.85	9,550	34,565
208.34	9,406	29,732	208.86	9,553	34,661
208.35	9,409	29,826	208.87	9,555	34,756
208.36	9,412	29,920	208.88	9,558	34,852
208.37	9,414	30,014	208.89	9,561	34,948
208.38	9,417	30,108	208.90	9,564	35,043
208.39	9,420	30,202	208.91	9,567	35,139
208.40	9,423	30,297	208.92	9,569	35,235
208.41	9,426	30,391	208.93	9,572	35,330
208.42	9,428	30,485	208.94	9,575	35,426
208.43	9,431	30,579	208.95	9,578	35,522
208.44	9,434	30,674	208.96	9,581	35,618
208.45	9,437	30,768	208.97	9,584	35,713
208.46	9,440	30,862	208.98	9,586	35,809
208.47	9,443	30,957	208.99	9,589	35,905
208.48	9,445	31,051	209.00	9,592	36,001
208.49	9,448	31,146			
208.50	9,451	31,240			
208.51	9,454	31,335			
208.52	9,457	31,429			
208.53	9,459	31,524			
208.54	9,462	31,619			
208.55	9,465	31,713			
208.56	9,468	31,808			
208.57	9,471	31,903			
208.58	9,474	31,997			
208.59	9,476	32,092			
208.60	9,479	32,187			
208.61	9,482	32,282			
208.62	9,485	32,376			
208.63	9,488	32,471			

Summary for Pond B-39: Basin #39

Inflow Area = 1.884 ac, 41.56% Impervious, Inflow Depth = 3.77" for Future 10 yr event
 Inflow = 5.16 cfs @ 12.24 hrs, Volume= 0.592 af
 Outflow = 0.24 cfs @ 16.17 hrs, Volume= 0.460 af, Atten= 95%, Lag= 235.8 min
 Primary = 0.24 cfs @ 16.17 hrs, Volume= 0.460 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.42' @ 16.17 hrs Surf.Area= 7,362 sf Storage= 17,847 cf

Plug-Flow detention time= 733.3 min calculated for 0.460 af (78% of inflow)
 Center-of-Mass det. time= 647.5 min (1,470.6 - 823.1)

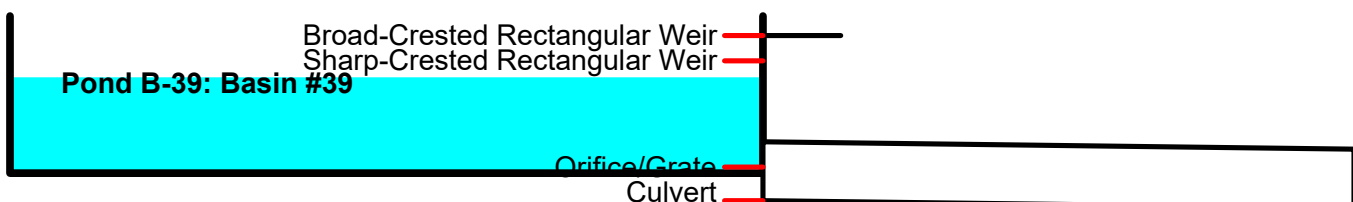
Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	29,448 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	7,362	0	0
202.00	7,362	7,362	7,362
203.00	7,362	7,362	14,724
204.00	7,362	7,362	22,086
205.00	7,362	7,362	29,448

Device	Routing	Invert	Outlet Devices
#1	Primary	200.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 200.30' / 200.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	201.15'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.86'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

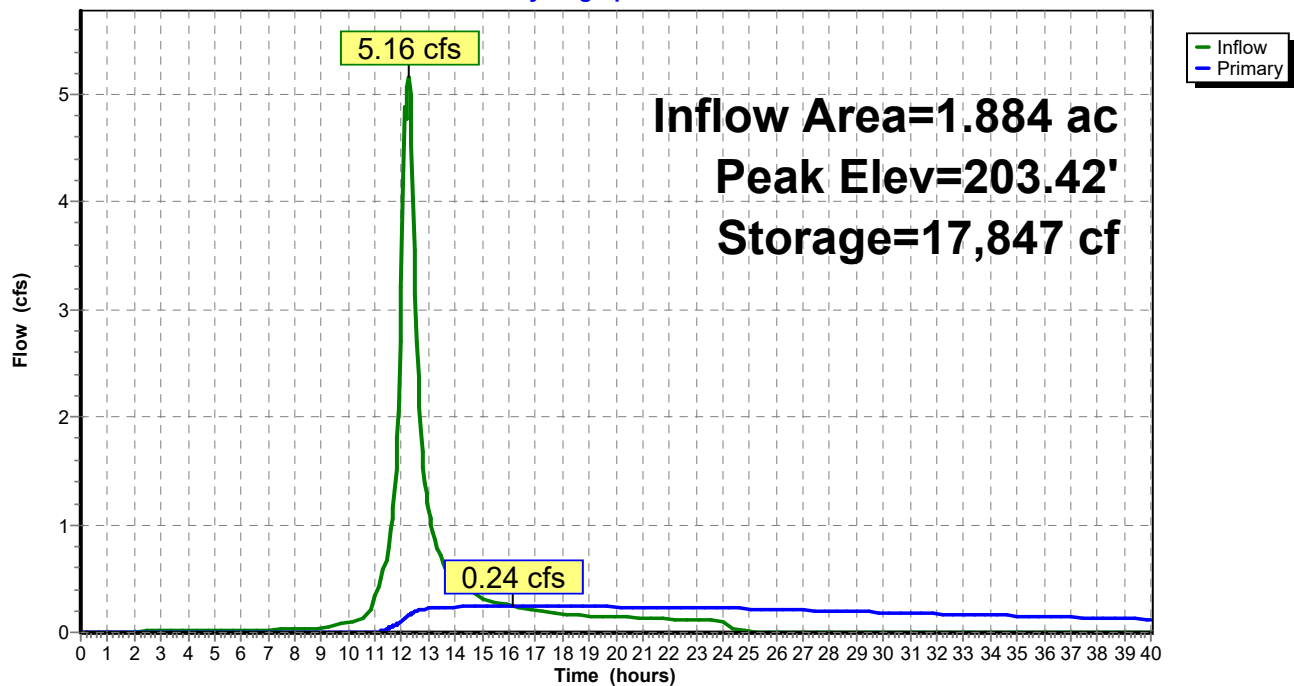
Primary OutFlow Max=0.24 cfs @ 16.17 hrs HW=203.42' (Free Discharge)

1=Culvert (Passes 0.24 cfs of 12.89 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.09 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-39: Basin #39

Hydrograph



Hydrograph for Pond B-39: Basin #39

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	0	201.00	0.00
0.60	0.00	0	201.00	0.00
0.70	0.00	0	201.00	0.00
0.80	0.00	0	201.00	0.00
0.90	0.00	1	201.00	0.00
1.00	0.00	1	201.00	0.00
1.10	0.00	3	201.00	0.00
1.20	0.00	4	201.00	0.00
1.30	0.00	5	201.00	0.00
1.40	0.00	7	201.00	0.00
1.50	0.01	9	201.00	0.00
1.60	0.01	11	201.00	0.00
1.70	0.01	13	201.00	0.00
1.80	0.01	16	201.00	0.00
1.90	0.01	18	201.00	0.00
2.00	0.01	21	201.00	0.00
2.10	0.01	24	201.00	0.00
2.20	0.01	27	201.00	0.00
2.30	0.01	30	201.00	0.00
2.40	0.01	33	201.00	0.00
2.50	0.01	37	201.00	0.00
2.60	0.01	40	201.01	0.00
2.70	0.01	44	201.01	0.00
2.80	0.01	48	201.01	0.00
2.90	0.01	52	201.01	0.00
3.00	0.01	56	201.01	0.00
3.10	0.01	60	201.01	0.00
3.20	0.01	64	201.01	0.00
3.30	0.01	69	201.01	0.00
3.40	0.01	73	201.01	0.00
3.50	0.01	78	201.01	0.00
3.60	0.01	82	201.01	0.00
3.70	0.01	87	201.01	0.00
3.80	0.01	92	201.01	0.00
3.90	0.01	97	201.01	0.00
4.00	0.01	102	201.01	0.00
4.10	0.01	107	201.01	0.00
4.20	0.01	112	201.02	0.00
4.30	0.01	117	201.02	0.00
4.40	0.01	123	201.02	0.00
4.50	0.02	128	201.02	0.00
4.60	0.02	134	201.02	0.00
4.70	0.02	139	201.02	0.00
4.80	0.02	145	201.02	0.00
4.90	0.02	151	201.02	0.00
5.00	0.02	156	201.02	0.00
5.10	0.02	162	201.02	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	168	201.02	0.00
5.30	0.02	174	201.02	0.00
5.40	0.02	180	201.02	0.00
5.50	0.02	187	201.03	0.00
5.60	0.02	193	201.03	0.00
5.70	0.02	199	201.03	0.00
5.80	0.02	205	201.03	0.00
5.90	0.02	212	201.03	0.00
6.00	0.02	218	201.03	0.00
6.10	0.02	225	201.03	0.00
6.20	0.02	232	201.03	0.00
6.30	0.02	239	201.03	0.00
6.40	0.02	246	201.03	0.00
6.50	0.02	253	201.03	0.00
6.60	0.02	261	201.04	0.00
6.70	0.02	269	201.04	0.00
6.80	0.02	277	201.04	0.00
6.90	0.02	285	201.04	0.00
7.00	0.02	293	201.04	0.00
7.10	0.02	302	201.04	0.00
7.20	0.02	310	201.04	0.00
7.30	0.02	319	201.04	0.00
7.40	0.03	328	201.04	0.00
7.50	0.03	338	201.05	0.00
7.60	0.03	347	201.05	0.00
7.70	0.03	357	201.05	0.00
7.80	0.03	366	201.05	0.00
7.90	0.03	377	201.05	0.00
8.00	0.03	387	201.05	0.00
8.10	0.03	397	201.05	0.00
8.20	0.03	408	201.06	0.00
8.30	0.03	419	201.06	0.00
8.40	0.03	430	201.06	0.00
8.50	0.03	442	201.06	0.00
8.60	0.04	454	201.06	0.00
8.70	0.04	468	201.06	0.00
8.80	0.04	481	201.07	0.00
8.90	0.04	496	201.07	0.00
9.00	0.04	511	201.07	0.00
9.10	0.05	528	201.07	0.00
9.20	0.05	545	201.07	0.00
9.30	0.05	565	201.08	0.00
9.40	0.06	585	201.08	0.00
9.50	0.06	607	201.08	0.00
9.60	0.07	631	201.09	0.00
9.70	0.07	657	201.09	0.00
9.80	0.08	685	201.09	0.00
9.90	0.08	714	201.10	0.00
10.00	0.09	746	201.10	0.00
10.10	0.10	780	201.11	0.00
10.20	0.10	816	201.11	0.00
10.30	0.11	854	201.12	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	895	201.12	0.00
10.50	0.12	938	201.13	0.00
10.60	0.14	985	201.13	0.00
10.70	0.15	1,037	201.14	0.00
10.80	0.20	1,100	201.15	0.00
10.90	0.25	1,181	201.16	0.00
11.00	0.32	1,285	201.17	0.00
11.10	0.39	1,413	201.19	0.00
11.20	0.47	1,568	201.21	0.01
11.30	0.56	1,750	201.24	0.01
11.40	0.65	1,962	201.27	0.02
11.50	0.74	2,203	201.30	0.03
11.60	0.96	2,497	201.34	0.05
11.70	1.16	2,858	201.39	0.06
11.80	1.52	3,319	201.45	0.07
11.90	2.07	3,938	201.53	0.09
12.00	3.20	4,863	201.66	0.10
12.10	4.89	6,303	201.86	0.13
12.20	5.06	8,006	202.09	0.15
12.30	4.99	9,781	202.33	0.17
12.40	4.03	11,345	202.54	0.19
12.50	3.14	12,561	202.71	0.20
12.60	2.37	13,471	202.83	0.21
12.70	1.88	14,156	202.92	0.21
12.80	1.52	14,687	202.99	0.22
12.90	1.29	15,112	203.05	0.22
13.00	1.12	15,465	203.10	0.22
13.10	0.99	15,764	203.14	0.23
13.20	0.89	16,019	203.18	0.23
13.30	0.80	16,240	203.21	0.23
13.40	0.73	16,432	203.23	0.23
13.50	0.67	16,599	203.25	0.23
13.60	0.61	16,744	203.27	0.23
13.70	0.56	16,870	203.29	0.23
13.80	0.52	16,979	203.31	0.24
13.90	0.50	17,077	203.32	0.24
14.00	0.47	17,167	203.33	0.24
14.10	0.46	17,248	203.34	0.24
14.20	0.44	17,324	203.35	0.24
14.30	0.42	17,393	203.36	0.24
14.40	0.41	17,456	203.37	0.24
14.50	0.39	17,514	203.38	0.24
14.60	0.38	17,566	203.39	0.24
14.70	0.36	17,613	203.39	0.24
14.80	0.35	17,655	203.40	0.24
14.90	0.33	17,691	203.40	0.24
15.00	0.32	17,722	203.41	0.24
15.10	0.31	17,748	203.41	0.24
15.20	0.29	17,770	203.41	0.24
15.30	0.28	17,787	203.42	0.24
15.40	0.28	17,801	203.42	0.24
15.50	0.27	17,813	203.42	0.24

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.27	17,822	203.42	0.24
15.70	0.26	17,830	203.42	0.24
15.80	0.26	17,837	203.42	0.24
15.90	0.25	17,841	203.42	0.24
16.00	0.25	17,844	203.42	0.24
16.10	0.24	17,846	203.42	0.24
16.20	0.24	17,847	203.42	0.24
16.30	0.24	17,845	203.42	0.24
16.40	0.23	17,843	203.42	0.24
16.50	0.23	17,839	203.42	0.24
16.60	0.23	17,834	203.42	0.24
16.70	0.22	17,827	203.42	0.24
16.80	0.22	17,819	203.42	0.24
16.90	0.21	17,810	203.42	0.24
17.00	0.21	17,800	203.42	0.24
17.10	0.21	17,788	203.42	0.24
17.20	0.20	17,774	203.41	0.24
17.30	0.20	17,760	203.41	0.24
17.40	0.20	17,744	203.41	0.24
17.50	0.19	17,727	203.41	0.24
17.60	0.19	17,708	203.41	0.24
17.70	0.18	17,688	203.40	0.24
17.80	0.18	17,667	203.40	0.24
17.90	0.18	17,645	203.40	0.24
18.00	0.17	17,621	203.39	0.24
18.10	0.17	17,596	203.39	0.24
18.20	0.17	17,570	203.39	0.24
18.30	0.16	17,543	203.38	0.24
18.40	0.16	17,515	203.38	0.24
18.50	0.16	17,486	203.38	0.24
18.60	0.16	17,457	203.37	0.24
18.70	0.16	17,428	203.37	0.24
18.80	0.16	17,398	203.36	0.24
18.90	0.15	17,368	203.36	0.24
19.00	0.15	17,338	203.36	0.24
19.10	0.15	17,307	203.35	0.24
19.20	0.15	17,276	203.35	0.24
19.30	0.15	17,245	203.34	0.24
19.40	0.15	17,213	203.34	0.24
19.50	0.15	17,182	203.33	0.24
19.60	0.15	17,149	203.33	0.24
19.70	0.15	17,117	203.33	0.24
19.80	0.15	17,085	203.32	0.24
19.90	0.14	17,052	203.32	0.24
20.00	0.14	17,019	203.31	0.24
20.10	0.14	16,985	203.31	0.24
20.20	0.14	16,952	203.30	0.23
20.30	0.14	16,918	203.30	0.23
20.40	0.14	16,884	203.29	0.23
20.50	0.14	16,849	203.29	0.23
20.60	0.14	16,815	203.28	0.23
20.70	0.14	16,780	203.28	0.23

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	16,745	203.27	0.23
20.90	0.13	16,709	203.27	0.23
21.00	0.13	16,674	203.26	0.23
21.10	0.13	16,638	203.26	0.23
21.20	0.13	16,602	203.26	0.23
21.30	0.13	16,566	203.25	0.23
21.40	0.13	16,529	203.25	0.23
21.50	0.13	16,492	203.24	0.23
21.60	0.13	16,455	203.24	0.23
21.70	0.13	16,418	203.23	0.23
21.80	0.13	16,380	203.22	0.23
21.90	0.12	16,343	203.22	0.23
22.00	0.12	16,305	203.21	0.23
22.10	0.12	16,266	203.21	0.23
22.20	0.12	16,228	203.20	0.23
22.30	0.12	16,189	203.20	0.23
22.40	0.12	16,150	203.19	0.23
22.50	0.12	16,111	203.19	0.23
22.60	0.12	16,072	203.18	0.23
22.70	0.12	16,032	203.18	0.23
22.80	0.12	15,992	203.17	0.23
22.90	0.12	15,952	203.17	0.23
23.00	0.11	15,912	203.16	0.23
23.10	0.11	15,871	203.16	0.23
23.20	0.11	15,830	203.15	0.23
23.30	0.11	15,789	203.14	0.23
23.40	0.11	15,748	203.14	0.23
23.50	0.11	15,706	203.13	0.23
23.60	0.11	15,665	203.13	0.22
23.70	0.11	15,623	203.12	0.22
23.80	0.11	15,581	203.12	0.22
23.90	0.11	15,538	203.11	0.22
24.00	0.11	15,496	203.10	0.22
24.10	0.09	15,451	203.10	0.22
24.20	0.07	15,400	203.09	0.22
24.30	0.05	15,341	203.08	0.22
24.40	0.03	15,274	203.07	0.22
24.50	0.02	15,204	203.07	0.22
24.60	0.02	15,131	203.06	0.22
24.70	0.01	15,057	203.05	0.22
24.80	0.01	14,983	203.04	0.22
24.90	0.01	14,908	203.02	0.22
25.00	0.01	14,832	203.01	0.22
25.10	0.01	14,757	203.00	0.22
25.20	0.01	14,682	202.99	0.22
25.30	0.01	14,606	202.98	0.22
25.40	0.01	14,531	202.97	0.22
25.50	0.01	14,455	202.96	0.21
25.60	0.00	14,380	202.95	0.21
25.70	0.00	14,304	202.94	0.21
25.80	0.00	14,229	202.93	0.21
25.90	0.00	14,154	202.92	0.21

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	14,080	202.91	0.21
26.10	0.00	14,005	202.90	0.21
26.20	0.00	13,930	202.89	0.21
26.30	0.00	13,856	202.88	0.21
26.40	0.00	13,782	202.87	0.21
26.50	0.00	13,707	202.86	0.21
26.60	0.00	13,634	202.85	0.21
26.70	0.00	13,560	202.84	0.21
26.80	0.00	13,486	202.83	0.21
26.90	0.00	13,413	202.82	0.21
27.00	0.00	13,340	202.81	0.20
27.10	0.00	13,267	202.80	0.20
27.20	0.00	13,194	202.79	0.20
27.30	0.00	13,121	202.78	0.20
27.40	0.00	13,049	202.77	0.20
27.50	0.00	12,976	202.76	0.20
27.60	0.00	12,904	202.75	0.20
27.70	0.00	12,833	202.74	0.20
27.80	0.00	12,761	202.73	0.20
27.90	0.00	12,690	202.72	0.20
28.00	0.00	12,618	202.71	0.20
28.10	0.00	12,547	202.70	0.20
28.20	0.00	12,477	202.69	0.20
28.30	0.00	12,406	202.69	0.20
28.40	0.00	12,336	202.68	0.20
28.50	0.00	12,266	202.67	0.20
28.60	0.00	12,196	202.66	0.19
28.70	0.00	12,126	202.65	0.19
28.80	0.00	12,057	202.64	0.19
28.90	0.00	11,988	202.63	0.19
29.00	0.00	11,919	202.62	0.19
29.10	0.00	11,850	202.61	0.19
29.20	0.00	11,781	202.60	0.19
29.30	0.00	11,713	202.59	0.19
29.40	0.00	11,645	202.58	0.19
29.50	0.00	11,577	202.57	0.19
29.60	0.00	11,509	202.56	0.19
29.70	0.00	11,442	202.55	0.19
29.80	0.00	11,375	202.55	0.19
29.90	0.00	11,308	202.54	0.19
30.00	0.00	11,241	202.53	0.19
30.10	0.00	11,175	202.52	0.18
30.20	0.00	11,109	202.51	0.18
30.30	0.00	11,043	202.50	0.18
30.40	0.00	10,977	202.49	0.18
30.50	0.00	10,911	202.48	0.18
30.60	0.00	10,846	202.47	0.18
30.70	0.00	10,781	202.46	0.18
30.80	0.00	10,716	202.46	0.18
30.90	0.00	10,651	202.45	0.18
31.00	0.00	10,587	202.44	0.18
31.10	0.00	10,523	202.43	0.18

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,459	202.42	0.18
31.30	0.00	10,395	202.41	0.18
31.40	0.00	10,332	202.40	0.18
31.50	0.00	10,269	202.39	0.18
31.60	0.00	10,206	202.39	0.17
31.70	0.00	10,143	202.38	0.17
31.80	0.00	10,081	202.37	0.17
31.90	0.00	10,018	202.36	0.17
32.00	0.00	9,956	202.35	0.17
32.10	0.00	9,894	202.34	0.17
32.20	0.00	9,833	202.34	0.17
32.30	0.00	9,772	202.33	0.17
32.40	0.00	9,711	202.32	0.17
32.50	0.00	9,650	202.31	0.17
32.60	0.00	9,589	202.30	0.17
32.70	0.00	9,529	202.29	0.17
32.80	0.00	9,469	202.29	0.17
32.90	0.00	9,409	202.28	0.17
33.00	0.00	9,349	202.27	0.17
33.10	0.00	9,290	202.26	0.16
33.20	0.00	9,230	202.25	0.16
33.30	0.00	9,172	202.25	0.16
33.40	0.00	9,113	202.24	0.16
33.50	0.00	9,054	202.23	0.16
33.60	0.00	8,996	202.22	0.16
33.70	0.00	8,938	202.21	0.16
33.80	0.00	8,880	202.21	0.16
33.90	0.00	8,823	202.20	0.16
34.00	0.00	8,765	202.19	0.16
34.10	0.00	8,708	202.18	0.16
34.20	0.00	8,652	202.18	0.16
34.30	0.00	8,595	202.17	0.16
34.40	0.00	8,539	202.16	0.16
34.50	0.00	8,483	202.15	0.16
34.60	0.00	8,427	202.14	0.15
34.70	0.00	8,371	202.14	0.15
34.80	0.00	8,316	202.13	0.15
34.90	0.00	8,261	202.12	0.15
35.00	0.00	8,206	202.11	0.15
35.10	0.00	8,151	202.11	0.15
35.20	0.00	8,096	202.10	0.15
35.30	0.00	8,042	202.09	0.15
35.40	0.00	7,988	202.09	0.15
35.50	0.00	7,935	202.08	0.15
35.60	0.00	7,881	202.07	0.15
35.70	0.00	7,828	202.06	0.15
35.80	0.00	7,775	202.06	0.15
35.90	0.00	7,722	202.05	0.15
36.00	0.00	7,669	202.04	0.15
36.10	0.00	7,617	202.03	0.14
36.20	0.00	7,565	202.03	0.14
36.30	0.00	7,513	202.02	0.14

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,462	202.01	0.14
36.50	0.00	7,410	202.01	0.14
36.60	0.00	7,359	202.00	0.14
36.70	0.00	7,308	201.99	0.14
36.80	0.00	7,257	201.99	0.14
36.90	0.00	7,207	201.98	0.14
37.00	0.00	7,157	201.97	0.14
37.10	0.00	7,107	201.97	0.14
37.20	0.00	7,057	201.96	0.14
37.30	0.00	7,008	201.95	0.14
37.40	0.00	6,959	201.95	0.14
37.50	0.00	6,910	201.94	0.14
37.60	0.00	6,861	201.93	0.14
37.70	0.00	6,812	201.93	0.13
37.80	0.00	6,764	201.92	0.13
37.90	0.00	6,716	201.91	0.13
38.00	0.00	6,668	201.91	0.13
38.10	0.00	6,621	201.90	0.13
38.20	0.00	6,573	201.89	0.13
38.30	0.00	6,526	201.89	0.13
38.40	0.00	6,479	201.88	0.13
38.50	0.00	6,433	201.87	0.13
38.60	0.00	6,386	201.87	0.13
38.70	0.00	6,340	201.86	0.13
38.80	0.00	6,294	201.85	0.13
38.90	0.00	6,248	201.85	0.13
39.00	0.00	6,203	201.84	0.13
39.10	0.00	6,158	201.84	0.13
39.20	0.00	6,113	201.83	0.12
39.30	0.00	6,068	201.82	0.12
39.40	0.00	6,024	201.82	0.12
39.50	0.00	5,979	201.81	0.12
39.60	0.00	5,935	201.81	0.12
39.70	0.00	5,892	201.80	0.12
39.80	0.00	5,848	201.79	0.12
39.90	0.00	5,805	201.79	0.12
40.00	0.00	5,762	201.78	0.12

Stage-Discharge for Pond B-39: Basin #39

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.00	0.00	201.52	0.08	202.04	0.15	202.56	0.19
201.01	0.00	201.53	0.09	202.05	0.15	202.57	0.19
201.02	0.00	201.54	0.09	202.06	0.15	202.58	0.19
201.03	0.00	201.55	0.09	202.07	0.15	202.59	0.19
201.04	0.00	201.56	0.09	202.08	0.15	202.60	0.19
201.05	0.00	201.57	0.09	202.09	0.15	202.61	0.19
201.06	0.00	201.58	0.09	202.10	0.15	202.62	0.19
201.07	0.00	201.59	0.10	202.11	0.15	202.63	0.19
201.08	0.00	201.60	0.10	202.12	0.15	202.64	0.19
201.09	0.00	201.61	0.10	202.13	0.15	202.65	0.19
201.10	0.00	201.62	0.10	202.14	0.15	202.66	0.19
201.11	0.00	201.63	0.10	202.15	0.16	202.67	0.20
201.12	0.00	201.64	0.10	202.16	0.16	202.68	0.20
201.13	0.00	201.65	0.10	202.17	0.16	202.69	0.20
201.14	0.00	201.66	0.10	202.18	0.16	202.70	0.20
201.15	0.00	201.67	0.11	202.19	0.16	202.71	0.20
201.16	0.00	201.68	0.11	202.20	0.16	202.72	0.20
201.17	0.00	201.69	0.11	202.21	0.16	202.73	0.20
201.18	0.00	201.70	0.11	202.22	0.16	202.74	0.20
201.19	0.00	201.71	0.11	202.23	0.16	202.75	0.20
201.20	0.00	201.72	0.11	202.24	0.16	202.76	0.20
201.21	0.01	201.73	0.11	202.25	0.16	202.77	0.20
201.22	0.01	201.74	0.11	202.26	0.16	202.78	0.20
201.23	0.01	201.75	0.12	202.27	0.17	202.79	0.20
201.24	0.01	201.76	0.12	202.28	0.17	202.80	0.20
201.25	0.02	201.77	0.12	202.29	0.17	202.81	0.20
201.26	0.02	201.78	0.12	202.30	0.17	202.82	0.21
201.27	0.02	201.79	0.12	202.31	0.17	202.83	0.21
201.28	0.03	201.80	0.12	202.32	0.17	202.84	0.21
201.29	0.03	201.81	0.12	202.33	0.17	202.85	0.21
201.30	0.03	201.82	0.12	202.34	0.17	202.86	0.21
201.31	0.04	201.83	0.12	202.35	0.17	202.87	0.21
201.32	0.04	201.84	0.13	202.36	0.17	202.88	0.21
201.33	0.05	201.85	0.13	202.37	0.17	202.89	0.21
201.34	0.05	201.86	0.13	202.38	0.17	202.90	0.21
201.35	0.05	201.87	0.13	202.39	0.17	202.91	0.21
201.36	0.05	201.88	0.13	202.40	0.18	202.92	0.21
201.37	0.06	201.89	0.13	202.41	0.18	202.93	0.21
201.38	0.06	201.90	0.13	202.42	0.18	202.94	0.21
201.39	0.06	201.91	0.13	202.43	0.18	202.95	0.21
201.40	0.06	201.92	0.13	202.44	0.18	202.96	0.21
201.41	0.06	201.93	0.13	202.45	0.18	202.97	0.22
201.42	0.07	201.94	0.14	202.46	0.18	202.98	0.22
201.43	0.07	201.95	0.14	202.47	0.18	202.99	0.22
201.44	0.07	201.96	0.14	202.48	0.18	203.00	0.22
201.45	0.07	201.97	0.14	202.49	0.18	203.01	0.22
201.46	0.07	201.98	0.14	202.50	0.18	203.02	0.22
201.47	0.08	201.99	0.14	202.51	0.18	203.03	0.22
201.48	0.08	202.00	0.14	202.52	0.18	203.04	0.22
201.49	0.08	202.01	0.14	202.53	0.19	203.05	0.22
201.50	0.08	202.02	0.14	202.54	0.19	203.06	0.22
201.51	0.08	202.03	0.14	202.55	0.19	203.07	0.22

Stage-Discharge for Pond B-39: Basin #39 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.22	203.60	0.25	204.12	1.99	204.64	15.13
203.09	0.22	203.61	0.25	204.13	2.09	204.65	15.97
203.10	0.22	203.62	0.25	204.14	2.19	204.66	16.83
203.11	0.22	203.63	0.25	204.15	2.29	204.67	17.72
203.12	0.22	203.64	0.25	204.16	2.40	204.68	18.63
203.13	0.22	203.65	0.25	204.17	2.50	204.69	19.56
203.14	0.23	203.66	0.25	204.18	2.61	204.70	20.52
203.15	0.23	203.67	0.26	204.19	2.72	204.71	21.53
203.16	0.23	203.68	0.26	204.20	2.83	204.72	22.57
203.17	0.23	203.69	0.26	204.21	2.94	204.73	23.64
203.18	0.23	203.70	0.26	204.22	3.06	204.74	24.73
203.19	0.23	203.71	0.26	204.23	3.17	204.75	25.85
203.20	0.23	203.72	0.26	204.24	3.29	204.76	27.00
203.21	0.23	203.73	0.26	204.25	3.41	204.77	28.17
203.22	0.23	203.74	0.26	204.26	3.53	204.78	29.37
203.23	0.23	203.75	0.26	204.27	3.65	204.79	30.59
203.24	0.23	203.76	0.26	204.28	3.77	204.80	31.84
203.25	0.23	203.77	0.26	204.29	3.89	204.81	33.11
203.26	0.23	203.78	0.26	204.30	4.02	204.82	34.41
203.27	0.23	203.79	0.26	204.31	4.15	204.83	35.73
203.28	0.23	203.80	0.26	204.32	4.27	204.84	37.08
203.29	0.23	203.81	0.26	204.33	4.40	204.85	38.45
203.30	0.23	203.82	0.26	204.34	4.53	204.86	39.85
203.31	0.24	203.83	0.26	204.35	4.67	204.87	41.28
203.32	0.24	203.84	0.26	204.36	4.80	204.88	42.72
203.33	0.24	203.85	0.26	204.37	4.93	204.89	44.20
203.34	0.24	203.86	0.26	204.38	5.07	204.90	45.69
203.35	0.24	203.87	0.28	204.39	5.20	204.91	47.24
203.36	0.24	203.88	0.30	204.40	5.34	204.92	48.82
203.37	0.24	203.89	0.33	204.41	5.48	204.93	50.42
203.38	0.24	203.90	0.37	204.42	5.62	204.94	52.05
203.39	0.24	203.91	0.41	204.43	5.76	204.95	53.71
203.40	0.24	203.92	0.46	204.44	5.90	204.96	55.39
203.41	0.24	203.93	0.51	204.45	6.05	204.97	57.10
203.42	0.24	203.94	0.56	204.46	6.19	204.98	58.84
203.43	0.24	203.95	0.62	204.47	6.34	204.99	60.60
203.44	0.24	203.96	0.68	204.48	6.48	205.00	62.40
203.45	0.24	203.97	0.75	204.49	6.63		
203.46	0.24	203.98	0.81	204.50	6.78		
203.47	0.24	203.99	0.88	204.51	7.04		
203.48	0.24	204.00	0.95	204.52	7.41		
203.49	0.25	204.01	1.03	204.53	7.84		
203.50	0.25	204.02	1.10	204.54	8.32		
203.51	0.25	204.03	1.18	204.55	8.85		
203.52	0.25	204.04	1.26	204.56	9.42		
203.53	0.25	204.05	1.35	204.57	10.02		
203.54	0.25	204.06	1.43	204.58	10.66		
203.55	0.25	204.07	1.52	204.59	11.33		
203.56	0.25	204.08	1.61	204.60	12.04		
203.57	0.25	204.09	1.70	204.61	12.77		
203.58	0.25	204.10	1.80	204.62	13.53		
203.59	0.25	204.11	1.89	204.63	14.32		

Stage-Area-Storage for Pond B-39: Basin #39

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	7,362	0	201.52	7,362	3,828
201.01	7,362	74	201.53	7,362	3,902
201.02	7,362	147	201.54	7,362	3,975
201.03	7,362	221	201.55	7,362	4,049
201.04	7,362	294	201.56	7,362	4,123
201.05	7,362	368	201.57	7,362	4,196
201.06	7,362	442	201.58	7,362	4,270
201.07	7,362	515	201.59	7,362	4,344
201.08	7,362	589	201.60	7,362	4,417
201.09	7,362	663	201.61	7,362	4,491
201.10	7,362	736	201.62	7,362	4,564
201.11	7,362	810	201.63	7,362	4,638
201.12	7,362	883	201.64	7,362	4,712
201.13	7,362	957	201.65	7,362	4,785
201.14	7,362	1,031	201.66	7,362	4,859
201.15	7,362	1,104	201.67	7,362	4,933
201.16	7,362	1,178	201.68	7,362	5,006
201.17	7,362	1,252	201.69	7,362	5,080
201.18	7,362	1,325	201.70	7,362	5,153
201.19	7,362	1,399	201.71	7,362	5,227
201.20	7,362	1,472	201.72	7,362	5,301
201.21	7,362	1,546	201.73	7,362	5,374
201.22	7,362	1,620	201.74	7,362	5,448
201.23	7,362	1,693	201.75	7,362	5,522
201.24	7,362	1,767	201.76	7,362	5,595
201.25	7,362	1,841	201.77	7,362	5,669
201.26	7,362	1,914	201.78	7,362	5,742
201.27	7,362	1,988	201.79	7,362	5,816
201.28	7,362	2,061	201.80	7,362	5,890
201.29	7,362	2,135	201.81	7,362	5,963
201.30	7,362	2,209	201.82	7,362	6,037
201.31	7,362	2,282	201.83	7,362	6,110
201.32	7,362	2,356	201.84	7,362	6,184
201.33	7,362	2,429	201.85	7,362	6,258
201.34	7,362	2,503	201.86	7,362	6,331
201.35	7,362	2,577	201.87	7,362	6,405
201.36	7,362	2,650	201.88	7,362	6,479
201.37	7,362	2,724	201.89	7,362	6,552
201.38	7,362	2,798	201.90	7,362	6,626
201.39	7,362	2,871	201.91	7,362	6,699
201.40	7,362	2,945	201.92	7,362	6,773
201.41	7,362	3,018	201.93	7,362	6,847
201.42	7,362	3,092	201.94	7,362	6,920
201.43	7,362	3,166	201.95	7,362	6,994
201.44	7,362	3,239	201.96	7,362	7,068
201.45	7,362	3,313	201.97	7,362	7,141
201.46	7,362	3,387	201.98	7,362	7,215
201.47	7,362	3,460	201.99	7,362	7,288
201.48	7,362	3,534	202.00	7,362	7,362
201.49	7,362	3,607	202.01	7,362	7,436
201.50	7,362	3,681	202.02	7,362	7,509
201.51	7,362	3,755	202.03	7,362	7,583

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	7,362	7,656	202.56	7,362	11,485
202.05	7,362	7,730	202.57	7,362	11,558
202.06	7,362	7,804	202.58	7,362	11,632
202.07	7,362	7,877	202.59	7,362	11,706
202.08	7,362	7,951	202.60	7,362	11,779
202.09	7,362	8,025	202.61	7,362	11,853
202.10	7,362	8,098	202.62	7,362	11,926
202.11	7,362	8,172	202.63	7,362	12,000
202.12	7,362	8,245	202.64	7,362	12,074
202.13	7,362	8,319	202.65	7,362	12,147
202.14	7,362	8,393	202.66	7,362	12,221
202.15	7,362	8,466	202.67	7,362	12,295
202.16	7,362	8,540	202.68	7,362	12,368
202.17	7,362	8,614	202.69	7,362	12,442
202.18	7,362	8,687	202.70	7,362	12,515
202.19	7,362	8,761	202.71	7,362	12,589
202.20	7,362	8,834	202.72	7,362	12,663
202.21	7,362	8,908	202.73	7,362	12,736
202.22	7,362	8,982	202.74	7,362	12,810
202.23	7,362	9,055	202.75	7,362	12,884
202.24	7,362	9,129	202.76	7,362	12,957
202.25	7,362	9,203	202.77	7,362	13,031
202.26	7,362	9,276	202.78	7,362	13,104
202.27	7,362	9,350	202.79	7,362	13,178
202.28	7,362	9,423	202.80	7,362	13,252
202.29	7,362	9,497	202.81	7,362	13,325
202.30	7,362	9,571	202.82	7,362	13,399
202.31	7,362	9,644	202.83	7,362	13,472
202.32	7,362	9,718	202.84	7,362	13,546
202.33	7,362	9,791	202.85	7,362	13,620
202.34	7,362	9,865	202.86	7,362	13,693
202.35	7,362	9,939	202.87	7,362	13,767
202.36	7,362	10,012	202.88	7,362	13,841
202.37	7,362	10,086	202.89	7,362	13,914
202.38	7,362	10,160	202.90	7,362	13,988
202.39	7,362	10,233	202.91	7,362	14,061
202.40	7,362	10,307	202.92	7,362	14,135
202.41	7,362	10,380	202.93	7,362	14,209
202.42	7,362	10,454	202.94	7,362	14,282
202.43	7,362	10,528	202.95	7,362	14,356
202.44	7,362	10,601	202.96	7,362	14,430
202.45	7,362	10,675	202.97	7,362	14,503
202.46	7,362	10,749	202.98	7,362	14,577
202.47	7,362	10,822	202.99	7,362	14,650
202.48	7,362	10,896	203.00	7,362	14,724
202.49	7,362	10,969	203.01	7,362	14,798
202.50	7,362	11,043	203.02	7,362	14,871
202.51	7,362	11,117	203.03	7,362	14,945
202.52	7,362	11,190	203.04	7,362	15,018
202.53	7,362	11,264	203.05	7,362	15,092
202.54	7,362	11,337	203.06	7,362	15,166
202.55	7,362	11,411	203.07	7,362	15,239

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	7,362	15,313	203.60	7,362	19,141
203.09	7,362	15,387	203.61	7,362	19,215
203.10	7,362	15,460	203.62	7,362	19,288
203.11	7,362	15,534	203.63	7,362	19,362
203.12	7,362	15,607	203.64	7,362	19,436
203.13	7,362	15,681	203.65	7,362	19,509
203.14	7,362	15,755	203.66	7,362	19,583
203.15	7,362	15,828	203.67	7,362	19,657
203.16	7,362	15,902	203.68	7,362	19,730
203.17	7,362	15,976	203.69	7,362	19,804
203.18	7,362	16,049	203.70	7,362	19,877
203.19	7,362	16,123	203.71	7,362	19,951
203.20	7,362	16,196	203.72	7,362	20,025
203.21	7,362	16,270	203.73	7,362	20,098
203.22	7,362	16,344	203.74	7,362	20,172
203.23	7,362	16,417	203.75	7,362	20,246
203.24	7,362	16,491	203.76	7,362	20,319
203.25	7,362	16,565	203.77	7,362	20,393
203.26	7,362	16,638	203.78	7,362	20,466
203.27	7,362	16,712	203.79	7,362	20,540
203.28	7,362	16,785	203.80	7,362	20,614
203.29	7,362	16,859	203.81	7,362	20,687
203.30	7,362	16,933	203.82	7,362	20,761
203.31	7,362	17,006	203.83	7,362	20,834
203.32	7,362	17,080	203.84	7,362	20,908
203.33	7,362	17,153	203.85	7,362	20,982
203.34	7,362	17,227	203.86	7,362	21,055
203.35	7,362	17,301	203.87	7,362	21,129
203.36	7,362	17,374	203.88	7,362	21,203
203.37	7,362	17,448	203.89	7,362	21,276
203.38	7,362	17,522	203.90	7,362	21,350
203.39	7,362	17,595	203.91	7,362	21,423
203.40	7,362	17,669	203.92	7,362	21,497
203.41	7,362	17,742	203.93	7,362	21,571
203.42	7,362	17,816	203.94	7,362	21,644
203.43	7,362	17,890	203.95	7,362	21,718
203.44	7,362	17,963	203.96	7,362	21,792
203.45	7,362	18,037	203.97	7,362	21,865
203.46	7,362	18,111	203.98	7,362	21,939
203.47	7,362	18,184	203.99	7,362	22,012
203.48	7,362	18,258	204.00	7,362	22,086
203.49	7,362	18,331	204.01	7,362	22,160
203.50	7,362	18,405	204.02	7,362	22,233
203.51	7,362	18,479	204.03	7,362	22,307
203.52	7,362	18,552	204.04	7,362	22,380
203.53	7,362	18,626	204.05	7,362	22,454
203.54	7,362	18,699	204.06	7,362	22,528
203.55	7,362	18,773	204.07	7,362	22,601
203.56	7,362	18,847	204.08	7,362	22,675
203.57	7,362	18,920	204.09	7,362	22,749
203.58	7,362	18,994	204.10	7,362	22,822
203.59	7,362	19,068	204.11	7,362	22,896

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	7,362	22,969	204.64	7,362	26,798
204.13	7,362	23,043	204.65	7,362	26,871
204.14	7,362	23,117	204.66	7,362	26,945
204.15	7,362	23,190	204.67	7,362	27,019
204.16	7,362	23,264	204.68	7,362	27,092
204.17	7,362	23,338	204.69	7,362	27,166
204.18	7,362	23,411	204.70	7,362	27,239
204.19	7,362	23,485	204.71	7,362	27,313
204.20	7,362	23,558	204.72	7,362	27,387
204.21	7,362	23,632	204.73	7,362	27,460
204.22	7,362	23,706	204.74	7,362	27,534
204.23	7,362	23,779	204.75	7,362	27,608
204.24	7,362	23,853	204.76	7,362	27,681
204.25	7,362	23,927	204.77	7,362	27,755
204.26	7,362	24,000	204.78	7,362	27,828
204.27	7,362	24,074	204.79	7,362	27,902
204.28	7,362	24,147	204.80	7,362	27,976
204.29	7,362	24,221	204.81	7,362	28,049
204.30	7,362	24,295	204.82	7,362	28,123
204.31	7,362	24,368	204.83	7,362	28,196
204.32	7,362	24,442	204.84	7,362	28,270
204.33	7,362	24,515	204.85	7,362	28,344
204.34	7,362	24,589	204.86	7,362	28,417
204.35	7,362	24,663	204.87	7,362	28,491
204.36	7,362	24,736	204.88	7,362	28,565
204.37	7,362	24,810	204.89	7,362	28,638
204.38	7,362	24,884	204.90	7,362	28,712
204.39	7,362	24,957	204.91	7,362	28,785
204.40	7,362	25,031	204.92	7,362	28,859
204.41	7,362	25,104	204.93	7,362	28,933
204.42	7,362	25,178	204.94	7,362	29,006
204.43	7,362	25,252	204.95	7,362	29,080
204.44	7,362	25,325	204.96	7,362	29,154
204.45	7,362	25,399	204.97	7,362	29,227
204.46	7,362	25,473	204.98	7,362	29,301
204.47	7,362	25,546	204.99	7,362	29,374
204.48	7,362	25,620	205.00	7,362	29,448
204.49	7,362	25,693			
204.50	7,362	25,767			
204.51	7,362	25,841			
204.52	7,362	25,914			
204.53	7,362	25,988			
204.54	7,362	26,061			
204.55	7,362	26,135			
204.56	7,362	26,209			
204.57	7,362	26,282			
204.58	7,362	26,356			
204.59	7,362	26,430			
204.60	7,362	26,503			
204.61	7,362	26,577			
204.62	7,362	26,650			
204.63	7,362	26,724			

Summary for Pond B-40: Basin #40

Inflow Area = 1.888 ac, 47.19% Impervious, Inflow Depth = 3.92" for Future 10 yr event
 Inflow = 5.38 cfs @ 12.12 hrs, Volume= 0.616 af
 Outflow = 1.76 cfs @ 12.75 hrs, Volume= 0.552 af, Atten= 67%, Lag= 37.4 min
 Primary = 1.76 cfs @ 12.75 hrs, Volume= 0.552 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.04' @ 12.75 hrs Surf.Area= 7,002 sf Storage= 13,419 cf

Plug-Flow detention time= 413.6 min calculated for 0.552 af (90% of inflow)
 Center-of-Mass det. time= 360.5 min (1,177.2 - 816.7)

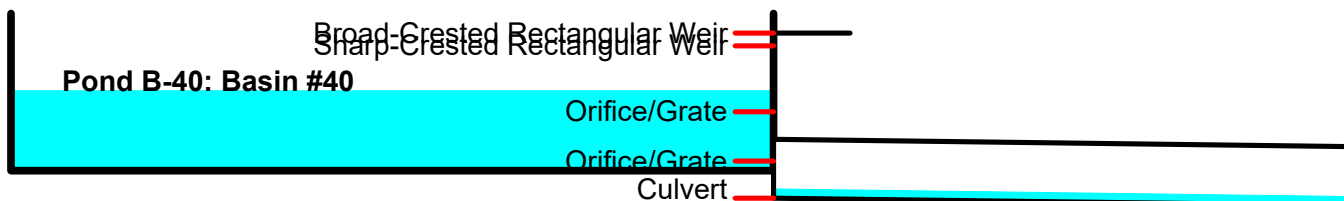
Volume	Invert	Avail.Storage	Storage Description
#1	202.00'	27,978 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
202.00	6,191	0	0
203.00	6,584	6,388	6,388
204.00	6,987	6,786	13,173
205.00	7,406	7,197	20,370
206.00	7,810	7,608	27,978

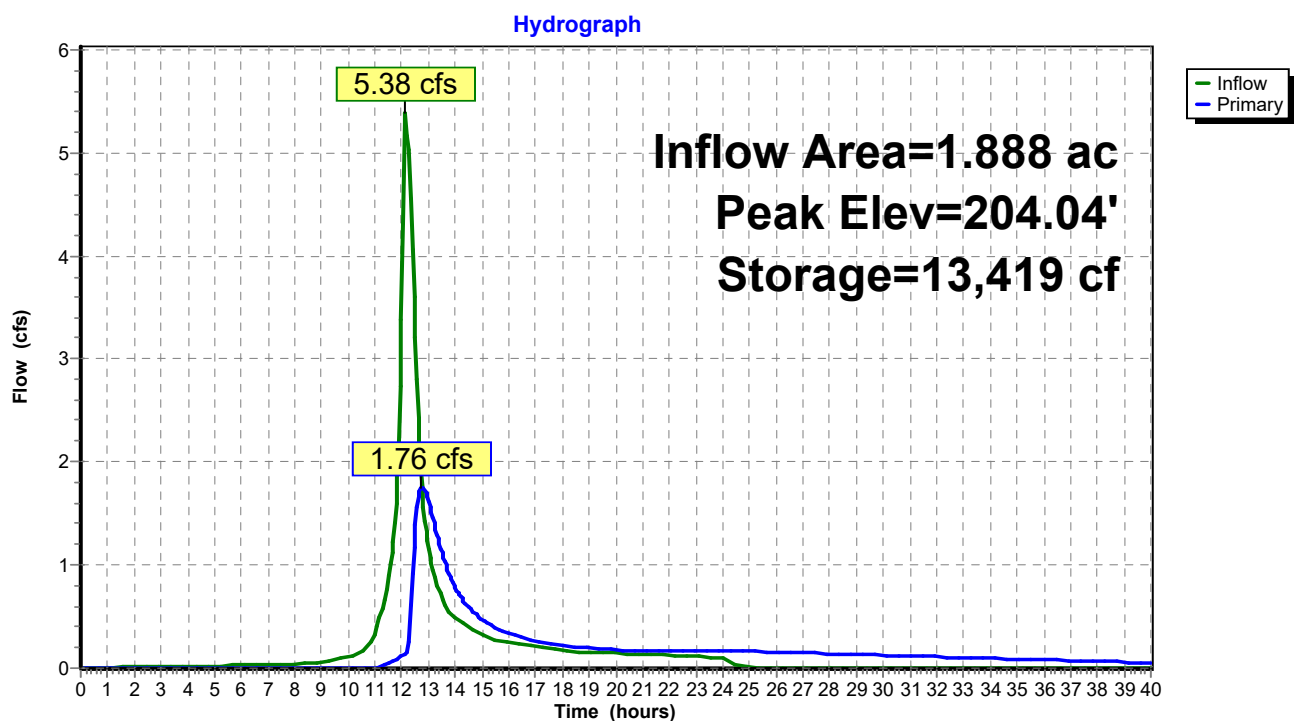
Device	Routing	Invert	Outlet Devices
#1	Primary	201.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 201.30' / 201.11' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.24'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	15.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	205.18'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=1.76 cfs @ 12.75 hrs HW=204.03' (Free Discharge)

1=Culvert (Passes 1.76 cfs of 11.43 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.26 fps)
 3=Orifice/Grate (Orifice Controls 1.54 cfs @ 2.47 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-40: Basin #40



Hydrograph for Pond B-40: Basin #40

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	202.00	0.00
0.10	0.00	0	202.00	0.00
0.20	0.00	0	202.00	0.00
0.30	0.00	0	202.00	0.00
0.40	0.00	0	202.00	0.00
0.50	0.00	0	202.00	0.00
0.60	0.00	0	202.00	0.00
0.70	0.00	0	202.00	0.00
0.80	0.00	0	202.00	0.00
0.90	0.00	1	202.00	0.00
1.00	0.00	2	202.00	0.00
1.10	0.00	3	202.00	0.00
1.20	0.01	5	202.00	0.00
1.30	0.01	7	202.00	0.00
1.40	0.01	10	202.00	0.00
1.50	0.01	13	202.00	0.00
1.60	0.01	16	202.00	0.00
1.70	0.01	19	202.00	0.00
1.80	0.01	22	202.00	0.00
1.90	0.01	26	202.00	0.00
2.00	0.01	30	202.00	0.00
2.10	0.01	35	202.01	0.00
2.20	0.01	39	202.01	0.00
2.30	0.01	44	202.01	0.00
2.40	0.01	49	202.01	0.00
2.50	0.01	54	202.01	0.00
2.60	0.02	59	202.01	0.00
2.70	0.02	65	202.01	0.00
2.80	0.02	71	202.01	0.00
2.90	0.02	77	202.01	0.00
3.00	0.02	83	202.01	0.00
3.10	0.02	89	202.01	0.00
3.20	0.02	95	202.02	0.00
3.30	0.02	102	202.02	0.00
3.40	0.02	108	202.02	0.00
3.50	0.02	115	202.02	0.00
3.60	0.02	122	202.02	0.00
3.70	0.02	129	202.02	0.00
3.80	0.02	136	202.02	0.00
3.90	0.02	144	202.02	0.00
4.00	0.02	151	202.02	0.00
4.10	0.02	159	202.03	0.00
4.20	0.02	167	202.03	0.00
4.30	0.02	175	202.03	0.00
4.40	0.02	183	202.03	0.00
4.50	0.02	191	202.03	0.00
4.60	0.02	199	202.03	0.00
4.70	0.02	207	202.03	0.00
4.80	0.02	216	202.03	0.00
4.90	0.02	224	202.04	0.00
5.00	0.02	233	202.04	0.00
5.10	0.02	242	202.04	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	251	202.04	0.00
5.30	0.03	260	202.04	0.00
5.40	0.03	269	202.04	0.00
5.50	0.03	278	202.04	0.00
5.60	0.03	288	202.05	0.00
5.70	0.03	297	202.05	0.00
5.80	0.03	307	202.05	0.00
5.90	0.03	316	202.05	0.00
6.00	0.03	326	202.05	0.00
6.10	0.03	336	202.05	0.00
6.20	0.03	346	202.06	0.00
6.30	0.03	356	202.06	0.00
6.40	0.03	367	202.06	0.00
6.50	0.03	378	202.06	0.00
6.60	0.03	390	202.06	0.00
6.70	0.03	401	202.06	0.00
6.80	0.03	413	202.07	0.00
6.90	0.03	425	202.07	0.00
7.00	0.03	438	202.07	0.00
7.10	0.04	450	202.07	0.00
7.20	0.04	463	202.07	0.00
7.30	0.04	477	202.08	0.00
7.40	0.04	490	202.08	0.00
7.50	0.04	504	202.08	0.00
7.60	0.04	518	202.08	0.00
7.70	0.04	533	202.09	0.00
7.80	0.04	547	202.09	0.00
7.90	0.04	562	202.09	0.00
8.00	0.04	578	202.09	0.00
8.10	0.04	593	202.10	0.00
8.20	0.04	609	202.10	0.00
8.30	0.05	625	202.10	0.00
8.40	0.05	642	202.10	0.00
8.50	0.05	659	202.11	0.00
8.60	0.05	677	202.11	0.00
8.70	0.05	696	202.11	0.00
8.80	0.06	716	202.12	0.00
8.90	0.06	736	202.12	0.00
9.00	0.06	757	202.12	0.00
9.10	0.06	779	202.13	0.00
9.20	0.07	803	202.13	0.00
9.30	0.07	828	202.13	0.00
9.40	0.08	855	202.14	0.00
9.50	0.08	884	202.14	0.00
9.60	0.09	915	202.15	0.00
9.70	0.09	948	202.15	0.00
9.80	0.10	983	202.16	0.00
9.90	0.11	1,020	202.16	0.00
10.00	0.11	1,060	202.17	0.00
10.10	0.12	1,101	202.18	0.00
10.20	0.13	1,146	202.18	0.00
10.30	0.13	1,192	202.19	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,242	202.20	0.00
10.50	0.15	1,294	202.21	0.00
10.60	0.16	1,350	202.22	0.00
10.70	0.18	1,412	202.23	0.00
10.80	0.22	1,484	202.24	0.00
10.90	0.28	1,574	202.25	0.00
11.00	0.35	1,686	202.27	0.00
11.10	0.42	1,824	202.29	0.01
11.20	0.51	1,989	202.32	0.01
11.30	0.60	2,183	202.35	0.02
11.40	0.69	2,406	202.38	0.03
11.50	0.78	2,658	202.42	0.05
11.60	1.02	2,963	202.47	0.06
11.70	1.22	3,344	202.53	0.07
11.80	1.59	3,822	202.61	0.08
11.90	2.16	4,463	202.71	0.10
12.00	3.37	5,415	202.85	0.12
12.10	5.28	6,923	203.08	0.14
12.20	5.09	8,743	203.35	0.16
12.30	4.95	10,492	203.61	0.34
12.40	4.07	11,900	203.82	0.92
12.50	3.22	12,785	203.94	1.40
12.60	2.44	13,243	204.01	1.67
12.70	1.92	13,406	204.03	1.75
12.80	1.57	13,400	204.03	1.75
12.90	1.32	13,298	204.02	1.69
13.00	1.15	13,146	204.00	1.61
13.10	1.01	12,973	203.97	1.51
13.20	0.90	12,794	203.95	1.40
13.30	0.82	12,617	203.92	1.30
13.40	0.74	12,447	203.90	1.20
13.50	0.68	12,285	203.87	1.12
13.60	0.62	12,131	203.85	1.03
13.70	0.57	11,986	203.83	0.96
13.80	0.53	11,851	203.81	0.89
13.90	0.50	11,728	203.79	0.83
14.00	0.48	11,616	203.78	0.78
14.10	0.46	11,514	203.76	0.73
14.20	0.45	11,422	203.75	0.69
14.30	0.43	11,338	203.74	0.65
14.40	0.41	11,261	203.72	0.62
14.50	0.40	11,190	203.71	0.59
14.60	0.38	11,123	203.70	0.56
14.70	0.37	11,060	203.69	0.54
14.80	0.35	11,001	203.69	0.51
14.90	0.34	10,945	203.68	0.49
15.00	0.33	10,892	203.67	0.47
15.10	0.31	10,840	203.66	0.45
15.20	0.30	10,789	203.66	0.44
15.30	0.29	10,742	203.65	0.42
15.40	0.28	10,697	203.64	0.40
15.50	0.28	10,655	203.64	0.39

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.27	10,616	203.63	0.38
15.70	0.27	10,579	203.62	0.36
15.80	0.26	10,545	203.62	0.35
15.90	0.26	10,513	203.61	0.34
16.00	0.25	10,482	203.61	0.33
16.10	0.25	10,454	203.61	0.32
16.20	0.24	10,427	203.60	0.32
16.30	0.24	10,402	203.60	0.31
16.40	0.24	10,378	203.60	0.30
16.50	0.23	10,355	203.59	0.30
16.60	0.23	10,332	203.59	0.29
16.70	0.22	10,310	203.59	0.28
16.80	0.22	10,289	203.58	0.28
16.90	0.22	10,268	203.58	0.27
17.00	0.21	10,248	203.58	0.27
17.10	0.21	10,228	203.57	0.26
17.20	0.21	10,209	203.57	0.26
17.30	0.20	10,190	203.57	0.25
17.40	0.20	10,172	203.56	0.25
17.50	0.19	10,153	203.56	0.24
17.60	0.19	10,135	203.56	0.24
17.70	0.19	10,118	203.56	0.24
17.80	0.18	10,099	203.55	0.23
17.90	0.18	10,081	203.55	0.23
18.00	0.17	10,063	203.55	0.23
18.10	0.17	10,044	203.55	0.22
18.20	0.17	10,026	203.54	0.22
18.30	0.17	10,008	203.54	0.22
18.40	0.16	9,990	203.54	0.21
18.50	0.16	9,972	203.54	0.21
18.60	0.16	9,955	203.53	0.21
18.70	0.16	9,939	203.53	0.20
18.80	0.16	9,923	203.53	0.20
18.90	0.16	9,908	203.53	0.20
19.00	0.16	9,894	203.52	0.19
19.10	0.15	9,880	203.52	0.19
19.20	0.15	9,866	203.52	0.19
19.30	0.15	9,853	203.52	0.19
19.40	0.15	9,840	203.52	0.19
19.50	0.15	9,827	203.51	0.19
19.60	0.15	9,815	203.51	0.18
19.70	0.15	9,802	203.51	0.18
19.80	0.15	9,789	203.51	0.18
19.90	0.15	9,777	203.51	0.18
20.00	0.15	9,764	203.51	0.18
20.10	0.14	9,752	203.50	0.18
20.20	0.14	9,739	203.50	0.18
20.30	0.14	9,727	203.50	0.18
20.40	0.14	9,714	203.50	0.18
20.50	0.14	9,702	203.50	0.18
20.60	0.14	9,689	203.49	0.18
20.70	0.14	9,675	203.49	0.18

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	9,661	203.49	0.18
20.90	0.14	9,648	203.49	0.18
21.00	0.14	9,633	203.49	0.18
21.10	0.13	9,619	203.48	0.18
21.20	0.13	9,604	203.48	0.18
21.30	0.13	9,589	203.48	0.17
21.40	0.13	9,573	203.48	0.17
21.50	0.13	9,557	203.47	0.17
21.60	0.13	9,541	203.47	0.17
21.70	0.13	9,525	203.47	0.17
21.80	0.13	9,508	203.47	0.17
21.90	0.13	9,492	203.46	0.17
22.00	0.13	9,474	203.46	0.17
22.10	0.12	9,457	203.46	0.17
22.20	0.12	9,439	203.46	0.17
22.30	0.12	9,421	203.45	0.17
22.40	0.12	9,403	203.45	0.17
22.50	0.12	9,385	203.45	0.17
22.60	0.12	9,366	203.45	0.17
22.70	0.12	9,347	203.44	0.17
22.80	0.12	9,327	203.44	0.17
22.90	0.12	9,308	203.44	0.17
23.00	0.12	9,288	203.43	0.17
23.10	0.11	9,268	203.43	0.17
23.20	0.11	9,247	203.43	0.17
23.30	0.11	9,226	203.43	0.17
23.40	0.11	9,205	203.42	0.17
23.50	0.11	9,184	203.42	0.17
23.60	0.11	9,163	203.42	0.17
23.70	0.11	9,141	203.41	0.17
23.80	0.11	9,119	203.41	0.17
23.90	0.11	9,096	203.41	0.17
24.00	0.11	9,075	203.40	0.17
24.10	0.09	9,050	203.40	0.17
24.20	0.07	9,018	203.39	0.17
24.30	0.05	8,978	203.39	0.17
24.40	0.03	8,931	203.38	0.17
24.50	0.02	8,880	203.37	0.17
24.60	0.02	8,827	203.37	0.17
24.70	0.01	8,773	203.36	0.17
24.80	0.01	8,718	203.35	0.16
24.90	0.01	8,663	203.34	0.16
25.00	0.01	8,608	203.33	0.16
25.10	0.01	8,552	203.33	0.16
25.20	0.01	8,496	203.32	0.16
25.30	0.01	8,440	203.31	0.16
25.40	0.01	8,385	203.30	0.16
25.50	0.01	8,329	203.29	0.16
25.60	0.00	8,273	203.28	0.16
25.70	0.00	8,218	203.28	0.16
25.80	0.00	8,163	203.27	0.16
25.90	0.00	8,107	203.26	0.16

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,052	203.25	0.16
26.10	0.00	7,997	203.24	0.16
26.20	0.00	7,943	203.23	0.15
26.30	0.00	7,888	203.23	0.15
26.40	0.00	7,834	203.22	0.15
26.50	0.00	7,780	203.21	0.15
26.60	0.00	7,726	203.20	0.15
26.70	0.00	7,672	203.19	0.15
26.80	0.00	7,618	203.19	0.15
26.90	0.00	7,565	203.18	0.15
27.00	0.00	7,512	203.17	0.15
27.10	0.00	7,459	203.16	0.15
27.20	0.00	7,406	203.15	0.15
27.30	0.00	7,354	203.15	0.15
27.40	0.00	7,302	203.14	0.15
27.50	0.00	7,249	203.13	0.15
27.60	0.00	7,198	203.12	0.14
27.70	0.00	7,146	203.11	0.14
27.80	0.00	7,095	203.11	0.14
27.90	0.00	7,044	203.10	0.14
28.00	0.00	6,993	203.09	0.14
28.10	0.00	6,942	203.08	0.14
28.20	0.00	6,892	203.08	0.14
28.30	0.00	6,842	203.07	0.14
28.40	0.00	6,792	203.06	0.14
28.50	0.00	6,742	203.05	0.14
28.60	0.00	6,693	203.05	0.14
28.70	0.00	6,643	203.04	0.14
28.80	0.00	6,594	203.03	0.14
28.90	0.00	6,546	203.02	0.14
29.00	0.00	6,497	203.02	0.13
29.10	0.00	6,449	203.01	0.13
29.20	0.00	6,401	203.00	0.13
29.30	0.00	6,354	202.99	0.13
29.40	0.00	6,306	202.99	0.13
29.50	0.00	6,259	202.98	0.13
29.60	0.00	6,212	202.97	0.13
29.70	0.00	6,166	202.97	0.13
29.80	0.00	6,119	202.96	0.13
29.90	0.00	6,073	202.95	0.13
30.00	0.00	6,027	202.95	0.13
30.10	0.00	5,982	202.94	0.13
30.20	0.00	5,936	202.93	0.13
30.30	0.00	5,891	202.92	0.13
30.40	0.00	5,846	202.92	0.12
30.50	0.00	5,802	202.91	0.12
30.60	0.00	5,757	202.90	0.12
30.70	0.00	5,713	202.90	0.12
30.80	0.00	5,670	202.89	0.12
30.90	0.00	5,626	202.88	0.12
31.00	0.00	5,583	202.88	0.12
31.10	0.00	5,540	202.87	0.12

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,497	202.86	0.12
31.30	0.00	5,455	202.86	0.12
31.40	0.00	5,413	202.85	0.12
31.50	0.00	5,371	202.84	0.12
31.60	0.00	5,329	202.84	0.12
31.70	0.00	5,288	202.83	0.11
31.80	0.00	5,247	202.83	0.11
31.90	0.00	5,206	202.82	0.11
32.00	0.00	5,165	202.81	0.11
32.10	0.00	5,125	202.81	0.11
32.20	0.00	5,085	202.80	0.11
32.30	0.00	5,045	202.79	0.11
32.40	0.00	5,006	202.79	0.11
32.50	0.00	4,966	202.78	0.11
32.60	0.00	4,927	202.78	0.11
32.70	0.00	4,889	202.77	0.11
32.80	0.00	4,850	202.76	0.11
32.90	0.00	4,812	202.76	0.11
33.00	0.00	4,774	202.75	0.10
33.10	0.00	4,736	202.75	0.10
33.20	0.00	4,699	202.74	0.10
33.30	0.00	4,662	202.74	0.10
33.40	0.00	4,625	202.73	0.10
33.50	0.00	4,589	202.72	0.10
33.60	0.00	4,552	202.72	0.10
33.70	0.00	4,516	202.71	0.10
33.80	0.00	4,481	202.71	0.10
33.90	0.00	4,445	202.70	0.10
34.00	0.00	4,410	202.70	0.10
34.10	0.00	4,375	202.69	0.10
34.20	0.00	4,340	202.69	0.10
34.30	0.00	4,306	202.68	0.10
34.40	0.00	4,272	202.68	0.09
34.50	0.00	4,238	202.67	0.09
34.60	0.00	4,204	202.67	0.09
34.70	0.00	4,171	202.66	0.09
34.80	0.00	4,138	202.65	0.09
34.90	0.00	4,105	202.65	0.09
35.00	0.00	4,073	202.64	0.09
35.10	0.00	4,040	202.64	0.09
35.20	0.00	4,008	202.63	0.09
35.30	0.00	3,977	202.63	0.09
35.40	0.00	3,945	202.62	0.09
35.50	0.00	3,914	202.62	0.09
35.60	0.00	3,883	202.62	0.09
35.70	0.00	3,853	202.61	0.08
35.80	0.00	3,822	202.61	0.08
35.90	0.00	3,792	202.60	0.08
36.00	0.00	3,762	202.60	0.08
36.10	0.00	3,733	202.59	0.08
36.20	0.00	3,704	202.59	0.08
36.30	0.00	3,675	202.58	0.08

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,646	202.58	0.08
36.50	0.00	3,618	202.57	0.08
36.60	0.00	3,589	202.57	0.08
36.70	0.00	3,561	202.57	0.08
36.80	0.00	3,534	202.56	0.08
36.90	0.00	3,506	202.56	0.08
37.00	0.00	3,479	202.55	0.07
37.10	0.00	3,453	202.55	0.07
37.20	0.00	3,426	202.54	0.07
37.30	0.00	3,400	202.54	0.07
37.40	0.00	3,374	202.54	0.07
37.50	0.00	3,348	202.53	0.07
37.60	0.00	3,323	202.53	0.07
37.70	0.00	3,298	202.52	0.07
37.80	0.00	3,273	202.52	0.07
37.90	0.00	3,248	202.52	0.07
38.00	0.00	3,224	202.51	0.07
38.10	0.00	3,200	202.51	0.07
38.20	0.00	3,176	202.50	0.07
38.30	0.00	3,152	202.50	0.06
38.40	0.00	3,129	202.50	0.06
38.50	0.00	3,106	202.49	0.06
38.60	0.00	3,083	202.49	0.06
38.70	0.00	3,061	202.49	0.06
38.80	0.00	3,039	202.48	0.06
38.90	0.00	3,017	202.48	0.06
39.00	0.00	2,995	202.48	0.06
39.10	0.00	2,974	202.47	0.06
39.20	0.00	2,953	202.47	0.06
39.30	0.00	2,932	202.47	0.06
39.40	0.00	2,912	202.46	0.06
39.50	0.00	2,891	202.46	0.06
39.60	0.00	2,871	202.46	0.06
39.70	0.00	2,852	202.45	0.05
39.80	0.00	2,832	202.45	0.05
39.90	0.00	2,813	202.45	0.05
40.00	0.00	2,794	202.44	0.05

Stage-Discharge for Pond B-40: Basin #40

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.07	203.04	0.14	203.56	0.24
202.01	0.00	202.53	0.07	203.05	0.14	203.57	0.26
202.02	0.00	202.54	0.07	203.06	0.14	203.58	0.27
202.03	0.00	202.55	0.07	203.07	0.14	203.59	0.29
202.04	0.00	202.56	0.08	203.08	0.14	203.60	0.31
202.05	0.00	202.57	0.08	203.09	0.14	203.61	0.33
202.06	0.00	202.58	0.08	203.10	0.14	203.62	0.35
202.07	0.00	202.59	0.08	203.11	0.14	203.63	0.37
202.08	0.00	202.60	0.08	203.12	0.14	203.64	0.40
202.09	0.00	202.61	0.08	203.13	0.15	203.65	0.42
202.10	0.00	202.62	0.09	203.14	0.15	203.66	0.45
202.11	0.00	202.63	0.09	203.15	0.15	203.67	0.47
202.12	0.00	202.64	0.09	203.16	0.15	203.68	0.50
202.13	0.00	202.65	0.09	203.17	0.15	203.69	0.52
202.14	0.00	202.66	0.09	203.18	0.15	203.70	0.55
202.15	0.00	202.67	0.09	203.19	0.15	203.71	0.58
202.16	0.00	202.68	0.10	203.20	0.15	203.72	0.61
202.17	0.00	202.69	0.10	203.21	0.15	203.73	0.64
202.18	0.00	202.70	0.10	203.22	0.15	203.74	0.67
202.19	0.00	202.71	0.10	203.23	0.15	203.75	0.70
202.20	0.00	202.72	0.10	203.24	0.16	203.76	0.73
202.21	0.00	202.73	0.10	203.25	0.16	203.77	0.76
202.22	0.00	202.74	0.10	203.26	0.16	203.78	0.79
202.23	0.00	202.75	0.10	203.27	0.16	203.79	0.82
202.24	0.00	202.76	0.11	203.28	0.16	203.80	0.86
202.25	0.00	202.77	0.11	203.29	0.16	203.81	0.89
202.26	0.00	202.78	0.11	203.30	0.16	203.82	0.93
202.27	0.00	202.79	0.11	203.31	0.16	203.83	0.96
202.28	0.00	202.80	0.11	203.32	0.16	203.84	1.00
202.29	0.00	202.81	0.11	203.33	0.16	203.85	1.03
202.30	0.01	202.82	0.11	203.34	0.16	203.86	1.07
202.31	0.01	202.83	0.11	203.35	0.16	203.87	1.11
202.32	0.01	202.84	0.12	203.36	0.17	203.88	1.14
202.33	0.01	202.85	0.12	203.37	0.17	203.89	1.18
202.34	0.02	202.86	0.12	203.38	0.17	203.90	1.22
202.35	0.02	202.87	0.12	203.39	0.17	203.91	1.26
202.36	0.02	202.88	0.12	203.40	0.17	203.92	1.30
202.37	0.03	202.89	0.12	203.41	0.17	203.93	1.34
202.38	0.03	202.90	0.12	203.42	0.17	203.94	1.38
202.39	0.03	202.91	0.12	203.43	0.17	203.95	1.42
202.40	0.04	202.92	0.12	203.44	0.17	203.96	1.46
202.41	0.04	202.93	0.13	203.45	0.17	203.97	1.50
202.42	0.05	202.94	0.13	203.46	0.17	203.98	1.54
202.43	0.05	202.95	0.13	203.47	0.17	203.99	1.59
202.44	0.05	202.96	0.13	203.48	0.17	204.00	1.63
202.45	0.05	202.97	0.13	203.49	0.18	204.01	1.67
202.46	0.06	202.98	0.13	203.50	0.18	204.02	1.71
202.47	0.06	202.99	0.13	203.51	0.18	204.03	1.74
202.48	0.06	203.00	0.13	203.52	0.19	204.04	1.77
202.49	0.06	203.01	0.13	203.53	0.20	204.05	1.81
202.50	0.06	203.02	0.13	203.54	0.21	204.06	1.84
202.51	0.07	203.03	0.14	203.55	0.23	204.07	1.87

Stage-Discharge for Pond B-40: Basin #40 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.90	204.60	3.01	205.12	3.79	205.64	14.59
204.09	1.93	204.61	3.03	205.13	3.80	205.65	15.41
204.10	1.96	204.62	3.04	205.14	3.82	205.66	16.25
204.11	1.98	204.63	3.06	205.15	3.83	205.67	17.11
204.12	2.01	204.64	3.08	205.16	3.84	205.68	18.00
204.13	2.04	204.65	3.09	205.17	3.86	205.69	18.91
204.14	2.06	204.66	3.11	205.18	3.87	205.70	19.84
204.15	2.09	204.67	3.13	205.19	3.90	205.71	20.84
204.16	2.12	204.68	3.14	205.20	3.93	205.72	21.86
204.17	2.14	204.69	3.16	205.21	3.98	205.73	22.90
204.18	2.17	204.70	3.18	205.22	4.03	205.74	23.98
204.19	2.19	204.71	3.19	205.23	4.08	205.75	25.08
204.20	2.21	204.72	3.21	205.24	4.14	205.76	26.20
204.21	2.24	204.73	3.22	205.25	4.20	205.77	27.36
204.22	2.26	204.74	3.24	205.26	4.27	205.78	28.53
204.23	2.29	204.75	3.26	205.27	4.34	205.79	29.74
204.24	2.31	204.76	3.27	205.28	4.41	205.80	30.97
204.25	2.33	204.77	3.29	205.29	4.49	205.81	32.22
204.26	2.35	204.78	3.30	205.30	4.57	205.82	33.50
204.27	2.38	204.79	3.32	205.31	4.65	205.83	34.81
204.28	2.40	204.80	3.33	205.32	4.73	205.84	36.14
204.29	2.42	204.81	3.35	205.33	4.82	205.85	37.50
204.30	2.44	204.82	3.36	205.34	4.91	205.86	38.88
204.31	2.46	204.83	3.38	205.35	5.00	205.87	40.28
204.32	2.48	204.84	3.39	205.36	5.09	205.88	41.71
204.33	2.50	204.85	3.41	205.37	5.18	205.89	43.17
204.34	2.53	204.86	3.42	205.38	5.28	205.90	44.65
204.35	2.55	204.87	3.44	205.39	5.38	205.91	46.19
204.36	2.57	204.88	3.45	205.40	5.48	205.92	47.75
204.37	2.59	204.89	3.47	205.41	5.59	205.93	49.33
204.38	2.61	204.90	3.48	205.42	5.69	205.94	50.95
204.39	2.63	204.91	3.50	205.43	5.80	205.95	52.59
204.40	2.65	204.92	3.51	205.44	5.91	205.96	54.26
204.41	2.67	204.93	3.53	205.45	6.02	205.97	55.95
204.42	2.69	204.94	3.54	205.46	6.13	205.98	57.68
204.43	2.70	204.95	3.56	205.47	6.25	205.99	59.43
204.44	2.72	204.96	3.57	205.48	6.36	206.00	61.20
204.45	2.74	204.97	3.58	205.49	6.48		
204.46	2.76	204.98	3.60	205.50	6.60		
204.47	2.78	204.99	3.61	205.51	6.84		
204.48	2.80	205.00	3.63	205.52	7.17		
204.49	2.82	205.01	3.64	205.53	7.57		
204.50	2.83	205.02	3.65	205.54	8.03		
204.51	2.85	205.03	3.67	205.55	8.53		
204.52	2.87	205.04	3.68	205.56	9.07		
204.53	2.89	205.05	3.70	205.57	9.65		
204.54	2.91	205.06	3.71	205.58	10.26		
204.55	2.92	205.07	3.72	205.59	10.91		
204.56	2.94	205.08	3.74	205.60	11.59		
204.57	2.96	205.09	3.75	205.61	12.30		
204.58	2.98	205.10	3.76	205.62	13.03		
204.59	2.99	205.11	3.78	205.63	13.80		

Stage-Area-Storage for Pond B-40: Basin #40

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.00	6,191	0	202.52	6,395	3,272
202.01	6,195	62	202.53	6,399	3,336
202.02	6,199	124	202.54	6,403	3,400
202.03	6,203	186	202.55	6,407	3,464
202.04	6,207	248	202.56	6,411	3,529
202.05	6,211	310	202.57	6,415	3,593
202.06	6,215	372	202.58	6,419	3,657
202.07	6,219	434	202.59	6,423	3,721
202.08	6,222	497	202.60	6,427	3,785
202.09	6,226	559	202.61	6,431	3,850
202.10	6,230	621	202.62	6,435	3,914
202.11	6,234	683	202.63	6,439	3,978
202.12	6,238	746	202.64	6,443	4,043
202.13	6,242	808	202.65	6,446	4,107
202.14	6,246	871	202.66	6,450	4,172
202.15	6,250	933	202.67	6,454	4,236
202.16	6,254	996	202.68	6,458	4,301
202.17	6,258	1,058	202.69	6,462	4,365
202.18	6,262	1,121	202.70	6,466	4,430
202.19	6,266	1,183	202.71	6,470	4,495
202.20	6,270	1,246	202.72	6,474	4,559
202.21	6,274	1,309	202.73	6,478	4,624
202.22	6,277	1,372	202.74	6,482	4,689
202.23	6,281	1,434	202.75	6,486	4,754
202.24	6,285	1,497	202.76	6,490	4,819
202.25	6,289	1,560	202.77	6,494	4,884
202.26	6,293	1,623	202.78	6,498	4,949
202.27	6,297	1,686	202.79	6,501	5,014
202.28	6,301	1,749	202.80	6,505	5,079
202.29	6,305	1,812	202.81	6,509	5,144
202.30	6,309	1,875	202.82	6,513	5,209
202.31	6,313	1,938	202.83	6,517	5,274
202.32	6,317	2,001	202.84	6,521	5,339
202.33	6,321	2,064	202.85	6,525	5,404
202.34	6,325	2,128	202.86	6,529	5,470
202.35	6,329	2,191	202.87	6,533	5,535
202.36	6,332	2,254	202.88	6,537	5,600
202.37	6,336	2,318	202.89	6,541	5,666
202.38	6,340	2,381	202.90	6,545	5,731
202.39	6,344	2,444	202.91	6,549	5,797
202.40	6,348	2,508	202.92	6,553	5,862
202.41	6,352	2,571	202.93	6,556	5,928
202.42	6,356	2,635	202.94	6,560	5,993
202.43	6,360	2,698	202.95	6,564	6,059
202.44	6,364	2,762	202.96	6,568	6,124
202.45	6,368	2,826	202.97	6,572	6,190
202.46	6,372	2,889	202.98	6,576	6,256
202.47	6,376	2,953	202.99	6,580	6,322
202.48	6,380	3,017	203.00	6,584	6,388
202.49	6,384	3,081	203.01	6,588	6,453
202.50	6,388	3,145	203.02	6,592	6,519
202.51	6,391	3,209	203.03	6,596	6,585

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.04	6,600	6,651	203.56	6,810	10,138
203.05	6,604	6,717	203.57	6,814	10,206
203.06	6,608	6,783	203.58	6,818	10,274
203.07	6,612	6,849	203.59	6,822	10,342
203.08	6,616	6,916	203.60	6,826	10,410
203.09	6,620	6,982	203.61	6,830	10,479
203.10	6,624	7,048	203.62	6,834	10,547
203.11	6,628	7,114	203.63	6,838	10,615
203.12	6,632	7,180	203.64	6,842	10,684
203.13	6,636	7,247	203.65	6,846	10,752
203.14	6,640	7,313	203.66	6,850	10,821
203.15	6,644	7,380	203.67	6,854	10,889
203.16	6,648	7,446	203.68	6,858	10,958
203.17	6,653	7,513	203.69	6,862	11,026
203.18	6,657	7,579	203.70	6,866	11,095
203.19	6,661	7,646	203.71	6,870	11,164
203.20	6,665	7,712	203.72	6,874	11,232
203.21	6,669	7,779	203.73	6,878	11,301
203.22	6,673	7,846	203.74	6,882	11,370
203.23	6,677	7,912	203.75	6,886	11,439
203.24	6,681	7,979	203.76	6,890	11,508
203.25	6,685	8,046	203.77	6,894	11,577
203.26	6,689	8,113	203.78	6,898	11,646
203.27	6,693	8,180	203.79	6,902	11,715
203.28	6,697	8,247	203.80	6,906	11,784
203.29	6,701	8,314	203.81	6,910	11,853
203.30	6,705	8,381	203.82	6,914	11,922
203.31	6,709	8,448	203.83	6,918	11,991
203.32	6,713	8,515	203.84	6,923	12,060
203.33	6,717	8,582	203.85	6,927	12,129
203.34	6,721	8,649	203.86	6,931	12,199
203.35	6,725	8,717	203.87	6,935	12,268
203.36	6,729	8,784	203.88	6,939	12,337
203.37	6,733	8,851	203.89	6,943	12,407
203.38	6,737	8,919	203.90	6,947	12,476
203.39	6,741	8,986	203.91	6,951	12,546
203.40	6,745	9,053	203.92	6,955	12,615
203.41	6,749	9,121	203.93	6,959	12,685
203.42	6,753	9,188	203.94	6,963	12,755
203.43	6,757	9,256	203.95	6,967	12,824
203.44	6,761	9,323	203.96	6,971	12,894
203.45	6,765	9,391	203.97	6,975	12,964
203.46	6,769	9,459	203.98	6,979	13,033
203.47	6,773	9,526	203.99	6,983	13,103
203.48	6,777	9,594	204.00	6,987	13,173
203.49	6,781	9,662	204.01	6,991	13,243
203.50	6,786	9,730	204.02	6,995	13,313
203.51	6,790	9,798	204.03	7,000	13,383
203.52	6,794	9,866	204.04	7,004	13,453
203.53	6,798	9,934	204.05	7,008	13,523
203.54	6,802	10,002	204.06	7,012	13,593
203.55	6,806	10,070	204.07	7,016	13,663

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.08	7,021	13,733	204.60	7,238	17,441
204.09	7,025	13,804	204.61	7,243	17,513
204.10	7,029	13,874	204.62	7,247	17,585
204.11	7,033	13,944	204.63	7,251	17,658
204.12	7,037	14,014	204.64	7,255	17,730
204.13	7,041	14,085	204.65	7,259	17,803
204.14	7,046	14,155	204.66	7,264	17,876
204.15	7,050	14,226	204.67	7,268	17,948
204.16	7,054	14,296	204.68	7,272	18,021
204.17	7,058	14,367	204.69	7,276	18,094
204.18	7,062	14,437	204.70	7,280	18,167
204.19	7,067	14,508	204.71	7,284	18,239
204.20	7,071	14,579	204.72	7,289	18,312
204.21	7,075	14,650	204.73	7,293	18,385
204.22	7,079	14,720	204.74	7,297	18,458
204.23	7,083	14,791	204.75	7,301	18,531
204.24	7,088	14,862	204.76	7,305	18,604
204.25	7,092	14,933	204.77	7,310	18,677
204.26	7,096	15,004	204.78	7,314	18,750
204.27	7,100	15,075	204.79	7,318	18,823
204.28	7,104	15,146	204.80	7,322	18,897
204.29	7,109	15,217	204.81	7,326	18,970
204.30	7,113	15,288	204.82	7,331	19,043
204.31	7,117	15,359	204.83	7,335	19,117
204.32	7,121	15,430	204.84	7,339	19,190
204.33	7,125	15,502	204.85	7,343	19,263
204.34	7,129	15,573	204.86	7,347	19,337
204.35	7,134	15,644	204.87	7,352	19,410
204.36	7,138	15,715	204.88	7,356	19,484
204.37	7,142	15,787	204.89	7,360	19,557
204.38	7,146	15,858	204.90	7,364	19,631
204.39	7,150	15,930	204.91	7,368	19,705
204.40	7,155	16,001	204.92	7,372	19,778
204.41	7,159	16,073	204.93	7,377	19,852
204.42	7,163	16,144	204.94	7,381	19,926
204.43	7,167	16,216	204.95	7,385	20,000
204.44	7,171	16,288	204.96	7,389	20,074
204.45	7,176	16,360	204.97	7,393	20,148
204.46	7,180	16,431	204.98	7,398	20,221
204.47	7,184	16,503	204.99	7,402	20,295
204.48	7,188	16,575	205.00	7,406	20,370
204.49	7,192	16,647	205.01	7,410	20,444
204.50	7,197	16,719	205.02	7,414	20,518
204.51	7,201	16,791	205.03	7,418	20,592
204.52	7,205	16,863	205.04	7,422	20,666
204.53	7,209	16,935	205.05	7,426	20,740
204.54	7,213	17,007	205.06	7,430	20,815
204.55	7,217	17,079	205.07	7,434	20,889
204.56	7,222	17,151	205.08	7,438	20,963
204.57	7,226	17,224	205.09	7,442	21,038
204.58	7,230	17,296	205.10	7,446	21,112
204.59	7,234	17,368	205.11	7,450	21,187

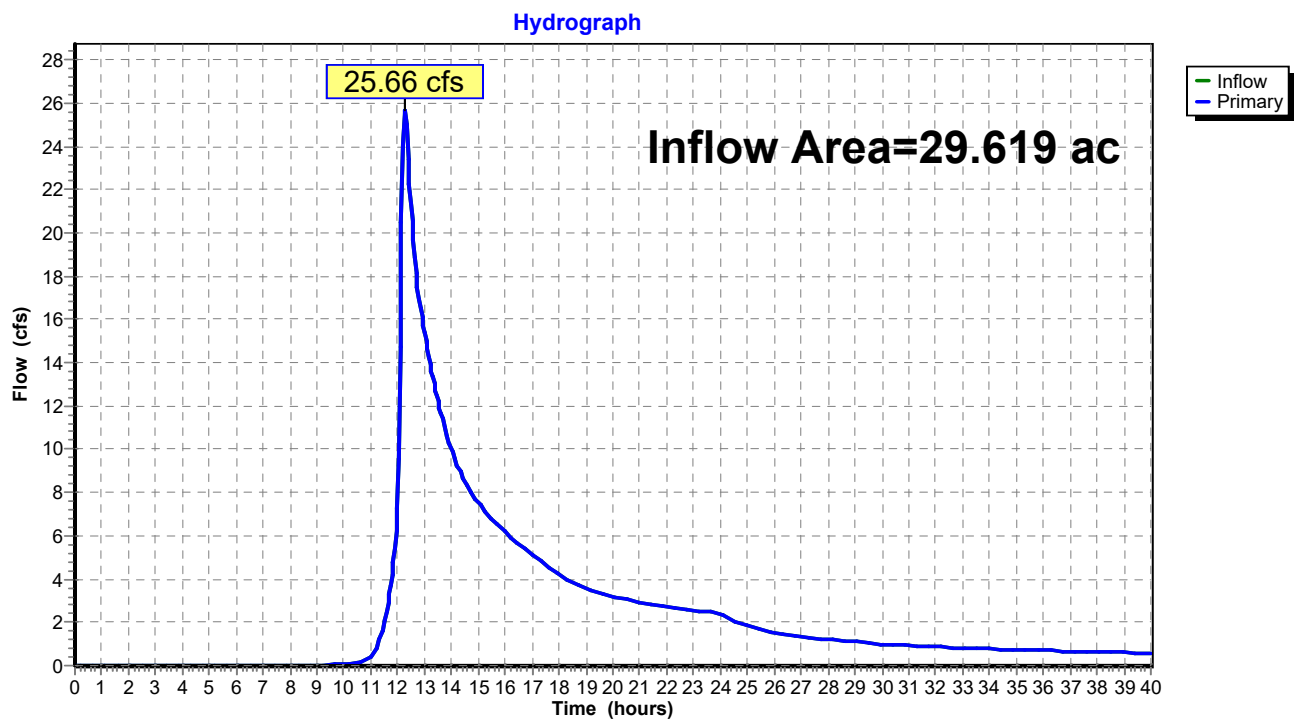
Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.12	7,454	21,261	205.64	7,665	25,192
205.13	7,459	21,336	205.65	7,669	25,269
205.14	7,463	21,410	205.66	7,673	25,345
205.15	7,467	21,485	205.67	7,677	25,422
205.16	7,471	21,560	205.68	7,681	25,499
205.17	7,475	21,634	205.69	7,685	25,576
205.18	7,479	21,709	205.70	7,689	25,653
205.19	7,483	21,784	205.71	7,693	25,730
205.20	7,487	21,859	205.72	7,697	25,807
205.21	7,491	21,934	205.73	7,701	25,884
205.22	7,495	22,009	205.74	7,705	25,961
205.23	7,499	22,084	205.75	7,709	26,038
205.24	7,503	22,159	205.76	7,713	26,115
205.25	7,507	22,234	205.77	7,717	26,192
205.26	7,511	22,309	205.78	7,721	26,269
205.27	7,515	22,384	205.79	7,725	26,346
205.28	7,519	22,459	205.80	7,729	26,424
205.29	7,523	22,534	205.81	7,733	26,501
205.30	7,527	22,609	205.82	7,737	26,578
205.31	7,531	22,685	205.83	7,741	26,656
205.32	7,535	22,760	205.84	7,745	26,733
205.33	7,539	22,835	205.85	7,749	26,811
205.34	7,543	22,911	205.86	7,753	26,888
205.35	7,547	22,986	205.87	7,757	26,966
205.36	7,551	23,062	205.88	7,762	27,043
205.37	7,555	23,137	205.89	7,766	27,121
205.38	7,560	23,213	205.90	7,770	27,199
205.39	7,564	23,289	205.91	7,774	27,276
205.40	7,568	23,364	205.92	7,778	27,354
205.41	7,572	23,440	205.93	7,782	27,432
205.42	7,576	23,516	205.94	7,786	27,510
205.43	7,580	23,591	205.95	7,790	27,588
205.44	7,584	23,667	205.96	7,794	27,665
205.45	7,588	23,743	205.97	7,798	27,743
205.46	7,592	23,819	205.98	7,802	27,821
205.47	7,596	23,895	205.99	7,806	27,899
205.48	7,600	23,971	206.00	7,810	27,978
205.49	7,604	24,047			
205.50	7,608	24,123			
205.51	7,612	24,199			
205.52	7,616	24,275			
205.53	7,620	24,351			
205.54	7,624	24,428			
205.55	7,628	24,504			
205.56	7,632	24,580			
205.57	7,636	24,657			
205.58	7,640	24,733			
205.59	7,644	24,809			
205.60	7,648	24,886			
205.61	7,652	24,962			
205.62	7,656	25,039			
205.63	7,661	25,115			

Summary for Link PDA-3: Proposed Drainage Area #3

Inflow Area = 29.619 ac, 38.13% Impervious, Inflow Depth > 3.16" for Future 10 yr event
Inflow = 25.66 cfs @ 12.27 hrs, Volume= 7.808 af
Primary = 25.66 cfs @ 12.27 hrs, Volume= 7.808 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-3: Proposed Drainage Area #3

Hydrograph for Link PDA-3: Proposed Drainage Area #3

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.01	0.00	0.01
6.40	0.00	0.00	0.00	9.00	0.01	0.00	0.01
6.45	0.00	0.00	0.00	9.05	0.01	0.00	0.01
6.50	0.00	0.00	0.00	9.10	0.01	0.00	0.01
6.55	0.00	0.00	0.00	9.15	0.01	0.00	0.01
6.60	0.00	0.00	0.00	9.20	0.02	0.00	0.02
6.65	0.00	0.00	0.00	9.25	0.02	0.00	0.02
6.70	0.00	0.00	0.00	9.30	0.02	0.00	0.02
6.75	0.00	0.00	0.00	9.35	0.03	0.00	0.03
6.80	0.00	0.00	0.00	9.40	0.03	0.00	0.03
6.85	0.00	0.00	0.00	9.45	0.03	0.00	0.03
6.90	0.00	0.00	0.00	9.50	0.04	0.00	0.04
6.95	0.00	0.00	0.00	9.55	0.04	0.00	0.04
7.00	0.00	0.00	0.00	9.60	0.04	0.00	0.04
7.05	0.00	0.00	0.00	9.65	0.05	0.00	0.05
7.10	0.00	0.00	0.00	9.70	0.05	0.00	0.05
7.15	0.00	0.00	0.00	9.75	0.06	0.00	0.06
7.20	0.00	0.00	0.00	9.80	0.06	0.00	0.06
7.25	0.00	0.00	0.00	9.85	0.07	0.00	0.07
7.30	0.00	0.00	0.00	9.90	0.07	0.00	0.07
7.35	0.00	0.00	0.00	9.95	0.08	0.00	0.08
7.40	0.00	0.00	0.00	10.00	0.08	0.00	0.08
7.45	0.00	0.00	0.00	10.05	0.09	0.00	0.09
7.50	0.00	0.00	0.00	10.10	0.09	0.00	0.09
7.55	0.00	0.00	0.00	10.15	0.10	0.00	0.10
7.60	0.00	0.00	0.00	10.20	0.10	0.00	0.10
7.65	0.00	0.00	0.00	10.25	0.11	0.00	0.11
7.70	0.00	0.00	0.00	10.30	0.12	0.00	0.12
7.75	0.00	0.00	0.00	10.35	0.12	0.00	0.12

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.13	0.00	0.13	13.00	15.34	0.00	15.34
10.45	0.14	0.00	0.14	13.05	14.99	0.00	14.99
10.50	0.14	0.00	0.14	13.10	14.64	0.00	14.64
10.55	0.15	0.00	0.15	13.15	14.29	0.00	14.29
10.60	0.16	0.00	0.16	13.20	13.95	0.00	13.95
10.65	0.17	0.00	0.17	13.25	13.63	0.00	13.63
10.70	0.18	0.00	0.18	13.30	13.32	0.00	13.32
10.75	0.20	0.00	0.20	13.35	13.03	0.00	13.03
10.80	0.23	0.00	0.23	13.40	12.74	0.00	12.74
10.85	0.26	0.00	0.26	13.45	12.46	0.00	12.46
10.90	0.30	0.00	0.30	13.50	12.19	0.00	12.19
10.95	0.35	0.00	0.35	13.55	11.92	0.00	11.92
11.00	0.41	0.00	0.41	13.60	11.66	0.00	11.66
11.05	0.48	0.00	0.48	13.65	11.40	0.00	11.40
11.10	0.57	0.00	0.57	13.70	11.16	0.00	11.16
11.15	0.67	0.00	0.67	13.75	10.94	0.00	10.94
11.20	0.80	0.00	0.80	13.80	10.73	0.00	10.73
11.25	0.94	0.00	0.94	13.85	10.54	0.00	10.54
11.30	1.10	0.00	1.10	13.90	10.35	0.00	10.35
11.35	1.29	0.00	1.29	13.95	10.16	0.00	10.16
11.40	1.49	0.00	1.49	14.00	9.97	0.00	9.97
11.45	1.70	0.00	1.70	14.05	9.80	0.00	9.80
11.50	1.93	0.00	1.93	14.10	9.64	0.00	9.64
11.55	2.20	0.00	2.20	14.15	9.48	0.00	9.48
11.60	2.53	0.00	2.53	14.20	9.33	0.00	9.33
11.65	2.90	0.00	2.90	14.25	9.18	0.00	9.18
11.70	3.31	0.00	3.31	14.30	9.04	0.00	9.04
11.75	3.76	0.00	3.76	14.35	8.91	0.00	8.91
11.80	4.24	0.00	4.24	14.40	8.78	0.00	8.78
11.85	4.79	0.00	4.79	14.45	8.65	0.00	8.65
11.90	5.43	0.00	5.43	14.50	8.53	0.00	8.53
11.95	6.23	0.00	6.23	14.55	8.42	0.00	8.42
12.00	7.27	0.00	7.27	14.60	8.31	0.00	8.31
12.05	9.53	0.00	9.53	14.65	8.20	0.00	8.20
12.10	14.71	0.00	14.71	14.70	8.09	0.00	8.09
12.15	20.47	0.00	20.47	14.75	7.99	0.00	7.99
12.20	24.12	0.00	24.12	14.80	7.90	0.00	7.90
12.25	25.51	0.00	25.51	14.85	7.81	0.00	7.81
12.30	25.44	0.00	25.44	14.90	7.72	0.00	7.72
12.35	24.57	0.00	24.57	14.95	7.64	0.00	7.64
12.40	23.36	0.00	23.36	15.00	7.56	0.00	7.56
12.45	22.27	0.00	22.27	15.05	7.48	0.00	7.48
12.50	21.37	0.00	21.37	15.10	7.39	0.00	7.39
12.55	20.53	0.00	20.53	15.15	7.31	0.00	7.31
12.60	19.67	0.00	19.67	15.20	7.23	0.00	7.23
12.65	18.87	0.00	18.87	15.25	7.15	0.00	7.15
12.70	18.15	0.00	18.15	15.30	7.08	0.00	7.08
12.75	17.51	0.00	17.51	15.35	7.00	0.00	7.00
12.80	16.96	0.00	16.96	15.40	6.93	0.00	6.93
12.85	16.49	0.00	16.49	15.45	6.86	0.00	6.86
12.90	16.08	0.00	16.08	15.50	6.80	0.00	6.80
12.95	15.71	0.00	15.71	15.55	6.73	0.00	6.73

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	6.66	0.00	6.66	18.20	4.08	0.00	4.08
15.65	6.60	0.00	6.60	18.25	4.04	0.00	4.04
15.70	6.54	0.00	6.54	18.30	4.00	0.00	4.00
15.75	6.47	0.00	6.47	18.35	3.97	0.00	3.97
15.80	6.41	0.00	6.41	18.40	3.93	0.00	3.93
15.85	6.35	0.00	6.35	18.45	3.90	0.00	3.90
15.90	6.29	0.00	6.29	18.50	3.86	0.00	3.86
15.95	6.23	0.00	6.23	18.55	3.83	0.00	3.83
16.00	6.17	0.00	6.17	18.60	3.80	0.00	3.80
16.05	6.12	0.00	6.12	18.65	3.77	0.00	3.77
16.10	6.06	0.00	6.06	18.70	3.74	0.00	3.74
16.15	6.00	0.00	6.00	18.75	3.71	0.00	3.71
16.20	5.95	0.00	5.95	18.80	3.69	0.00	3.69
16.25	5.89	0.00	5.89	18.85	3.66	0.00	3.66
16.30	5.84	0.00	5.84	18.90	3.63	0.00	3.63
16.35	5.78	0.00	5.78	18.95	3.61	0.00	3.61
16.40	5.73	0.00	5.73	19.00	3.58	0.00	3.58
16.45	5.68	0.00	5.68	19.05	3.56	0.00	3.56
16.50	5.62	0.00	5.62	19.10	3.53	0.00	3.53
16.55	5.57	0.00	5.57	19.15	3.51	0.00	3.51
16.60	5.52	0.00	5.52	19.20	3.49	0.00	3.49
16.65	5.47	0.00	5.47	19.25	3.47	0.00	3.47
16.70	5.42	0.00	5.42	19.30	3.44	0.00	3.44
16.75	5.37	0.00	5.37	19.35	3.42	0.00	3.42
16.80	5.32	0.00	5.32	19.40	3.40	0.00	3.40
16.85	5.27	0.00	5.27	19.45	3.38	0.00	3.38
16.90	5.22	0.00	5.22	19.50	3.36	0.00	3.36
16.95	5.17	0.00	5.17	19.55	3.34	0.00	3.34
17.00	5.13	0.00	5.13	19.60	3.33	0.00	3.33
17.05	5.08	0.00	5.08	19.65	3.31	0.00	3.31
17.10	5.03	0.00	5.03	19.70	3.29	0.00	3.29
17.15	4.99	0.00	4.99	19.75	3.27	0.00	3.27
17.20	4.94	0.00	4.94	19.80	3.26	0.00	3.26
17.25	4.89	0.00	4.89	19.85	3.24	0.00	3.24
17.30	4.85	0.00	4.85	19.90	3.23	0.00	3.23
17.35	4.80	0.00	4.80	19.95	3.21	0.00	3.21
17.40	4.76	0.00	4.76	20.00	3.19	0.00	3.19
17.45	4.71	0.00	4.71	20.05	3.18	0.00	3.18
17.50	4.67	0.00	4.67	20.10	3.16	0.00	3.16
17.55	4.63	0.00	4.63	20.15	3.15	0.00	3.15
17.60	4.58	0.00	4.58	20.20	3.13	0.00	3.13
17.65	4.54	0.00	4.54	20.25	3.12	0.00	3.12
17.70	4.49	0.00	4.49	20.30	3.11	0.00	3.11
17.75	4.45	0.00	4.45	20.35	3.09	0.00	3.09
17.80	4.41	0.00	4.41	20.40	3.08	0.00	3.08
17.85	4.37	0.00	4.37	20.45	3.07	0.00	3.07
17.90	4.32	0.00	4.32	20.50	3.06	0.00	3.06
17.95	4.28	0.00	4.28	20.55	3.04	0.00	3.04
18.00	4.24	0.00	4.24	20.60	3.03	0.00	3.03
18.05	4.20	0.00	4.20	20.65	3.02	0.00	3.02
18.10	4.16	0.00	4.16	20.70	3.01	0.00	3.01
18.15	4.12	0.00	4.12	20.75	3.00	0.00	3.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	2.98	0.00	2.98	23.40	2.51	0.00	2.51
20.85	2.97	0.00	2.97	23.45	2.50	0.00	2.50
20.90	2.96	0.00	2.96	23.50	2.50	0.00	2.50
20.95	2.95	0.00	2.95	23.55	2.49	0.00	2.49
21.00	2.94	0.00	2.94	23.60	2.48	0.00	2.48
21.05	2.93	0.00	2.93	23.65	2.47	0.00	2.47
21.10	2.92	0.00	2.92	23.70	2.46	0.00	2.46
21.15	2.91	0.00	2.91	23.75	2.46	0.00	2.46
21.20	2.89	0.00	2.89	23.80	2.45	0.00	2.45
21.25	2.88	0.00	2.88	23.85	2.44	0.00	2.44
21.30	2.87	0.00	2.87	23.90	2.43	0.00	2.43
21.35	2.86	0.00	2.86	23.95	2.43	0.00	2.43
21.40	2.85	0.00	2.85	24.00	2.43	0.00	2.43
21.45	2.84	0.00	2.84	24.05	2.42	0.00	2.42
21.50	2.83	0.00	2.83	24.10	2.40	0.00	2.40
21.55	2.82	0.00	2.82	24.15	2.36	0.00	2.36
21.60	2.81	0.00	2.81	24.20	2.30	0.00	2.30
21.65	2.80	0.00	2.80	24.25	2.24	0.00	2.24
21.70	2.80	0.00	2.80	24.30	2.18	0.00	2.18
21.75	2.79	0.00	2.79	24.35	2.13	0.00	2.13
21.80	2.78	0.00	2.78	24.40	2.10	0.00	2.10
21.85	2.77	0.00	2.77	24.45	2.06	0.00	2.06
21.90	2.76	0.00	2.76	24.50	2.04	0.00	2.04
21.95	2.75	0.00	2.75	24.55	2.01	0.00	2.01
22.00	2.74	0.00	2.74	24.60	1.99	0.00	1.99
22.05	2.73	0.00	2.73	24.65	1.96	0.00	1.96
22.10	2.72	0.00	2.72	24.70	1.94	0.00	1.94
22.15	2.71	0.00	2.71	24.75	1.92	0.00	1.92
22.20	2.70	0.00	2.70	24.80	1.90	0.00	1.90
22.25	2.70	0.00	2.70	24.85	1.88	0.00	1.88
22.30	2.69	0.00	2.69	24.90	1.86	0.00	1.86
22.35	2.68	0.00	2.68	24.95	1.84	0.00	1.84
22.40	2.67	0.00	2.67	25.00	1.83	0.00	1.83
22.45	2.66	0.00	2.66	25.05	1.81	0.00	1.81
22.50	2.65	0.00	2.65	25.10	1.79	0.00	1.79
22.55	2.64	0.00	2.64	25.15	1.78	0.00	1.78
22.60	2.64	0.00	2.64	25.20	1.76	0.00	1.76
22.65	2.63	0.00	2.63	25.25	1.74	0.00	1.74
22.70	2.62	0.00	2.62	25.30	1.73	0.00	1.73
22.75	2.61	0.00	2.61	25.35	1.71	0.00	1.71
22.80	2.60	0.00	2.60	25.40	1.70	0.00	1.70
22.85	2.60	0.00	2.60	25.45	1.69	0.00	1.69
22.90	2.59	0.00	2.59	25.50	1.67	0.00	1.67
22.95	2.58	0.00	2.58	25.55	1.66	0.00	1.66
23.00	2.57	0.00	2.57	25.60	1.64	0.00	1.64
23.05	2.56	0.00	2.56	25.65	1.63	0.00	1.63
23.10	2.56	0.00	2.56	25.70	1.62	0.00	1.62
23.15	2.55	0.00	2.55	25.75	1.60	0.00	1.60
23.20	2.54	0.00	2.54	25.80	1.59	0.00	1.59
23.25	2.53	0.00	2.53	25.85	1.58	0.00	1.58
23.30	2.53	0.00	2.53	25.90	1.57	0.00	1.57
23.35	2.52	0.00	2.52	25.95	1.56	0.00	1.56

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.54	0.00	1.54	28.60	1.14	0.00	1.14
26.05	1.53	0.00	1.53	28.65	1.14	0.00	1.14
26.10	1.52	0.00	1.52	28.70	1.13	0.00	1.13
26.15	1.51	0.00	1.51	28.75	1.13	0.00	1.13
26.20	1.50	0.00	1.50	28.80	1.12	0.00	1.12
26.25	1.49	0.00	1.49	28.85	1.12	0.00	1.12
26.30	1.48	0.00	1.48	28.90	1.11	0.00	1.11
26.35	1.47	0.00	1.47	28.95	1.11	0.00	1.11
26.40	1.46	0.00	1.46	29.00	1.10	0.00	1.10
26.45	1.45	0.00	1.45	29.05	1.10	0.00	1.10
26.50	1.44	0.00	1.44	29.10	1.09	0.00	1.09
26.55	1.43	0.00	1.43	29.15	1.09	0.00	1.09
26.60	1.42	0.00	1.42	29.20	1.08	0.00	1.08
26.65	1.41	0.00	1.41	29.25	1.08	0.00	1.08
26.70	1.41	0.00	1.41	29.30	1.07	0.00	1.07
26.75	1.40	0.00	1.40	29.35	1.07	0.00	1.07
26.80	1.39	0.00	1.39	29.40	1.06	0.00	1.06
26.85	1.38	0.00	1.38	29.45	1.06	0.00	1.06
26.90	1.37	0.00	1.37	29.50	1.05	0.00	1.05
26.95	1.36	0.00	1.36	29.55	1.05	0.00	1.05
27.00	1.36	0.00	1.36	29.60	1.04	0.00	1.04
27.05	1.35	0.00	1.35	29.65	1.04	0.00	1.04
27.10	1.34	0.00	1.34	29.70	1.03	0.00	1.03
27.15	1.33	0.00	1.33	29.75	1.03	0.00	1.03
27.20	1.32	0.00	1.32	29.80	1.02	0.00	1.02
27.25	1.32	0.00	1.32	29.85	1.02	0.00	1.02
27.30	1.31	0.00	1.31	29.90	1.01	0.00	1.01
27.35	1.30	0.00	1.30	29.95	1.01	0.00	1.01
27.40	1.29	0.00	1.29	30.00	1.01	0.00	1.01
27.45	1.29	0.00	1.29	30.05	1.00	0.00	1.00
27.50	1.28	0.00	1.28	30.10	1.00	0.00	1.00
27.55	1.27	0.00	1.27	30.15	0.99	0.00	0.99
27.60	1.27	0.00	1.27	30.20	0.99	0.00	0.99
27.65	1.26	0.00	1.26	30.25	0.99	0.00	0.99
27.70	1.25	0.00	1.25	30.30	0.98	0.00	0.98
27.75	1.24	0.00	1.24	30.35	0.98	0.00	0.98
27.80	1.24	0.00	1.24	30.40	0.97	0.00	0.97
27.85	1.23	0.00	1.23	30.45	0.97	0.00	0.97
27.90	1.22	0.00	1.22	30.50	0.97	0.00	0.97
27.95	1.22	0.00	1.22	30.55	0.96	0.00	0.96
28.00	1.21	0.00	1.21	30.60	0.96	0.00	0.96
28.05	1.21	0.00	1.21	30.65	0.96	0.00	0.96
28.10	1.20	0.00	1.20	30.70	0.95	0.00	0.95
28.15	1.19	0.00	1.19	30.75	0.95	0.00	0.95
28.20	1.19	0.00	1.19	30.80	0.95	0.00	0.95
28.25	1.18	0.00	1.18	30.85	0.94	0.00	0.94
28.30	1.18	0.00	1.18	30.90	0.94	0.00	0.94
28.35	1.17	0.00	1.17	30.95	0.94	0.00	0.94
28.40	1.17	0.00	1.17	31.00	0.93	0.00	0.93
28.45	1.16	0.00	1.16	31.05	0.93	0.00	0.93
28.50	1.16	0.00	1.16	31.10	0.93	0.00	0.93
28.55	1.15	0.00	1.15	31.15	0.92	0.00	0.92

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.92	0.00	0.92	33.80	0.79	0.00	0.79
31.25	0.92	0.00	0.92	33.85	0.79	0.00	0.79
31.30	0.91	0.00	0.91	33.90	0.78	0.00	0.78
31.35	0.91	0.00	0.91	33.95	0.78	0.00	0.78
31.40	0.91	0.00	0.91	34.00	0.78	0.00	0.78
31.45	0.90	0.00	0.90	34.05	0.78	0.00	0.78
31.50	0.90	0.00	0.90	34.10	0.78	0.00	0.78
31.55	0.90	0.00	0.90	34.15	0.77	0.00	0.77
31.60	0.90	0.00	0.90	34.20	0.77	0.00	0.77
31.65	0.89	0.00	0.89	34.25	0.77	0.00	0.77
31.70	0.89	0.00	0.89	34.30	0.77	0.00	0.77
31.75	0.89	0.00	0.89	34.35	0.77	0.00	0.77
31.80	0.88	0.00	0.88	34.40	0.76	0.00	0.76
31.85	0.88	0.00	0.88	34.45	0.76	0.00	0.76
31.90	0.88	0.00	0.88	34.50	0.76	0.00	0.76
31.95	0.88	0.00	0.88	34.55	0.76	0.00	0.76
32.00	0.87	0.00	0.87	34.60	0.76	0.00	0.76
32.05	0.87	0.00	0.87	34.65	0.75	0.00	0.75
32.10	0.87	0.00	0.87	34.70	0.75	0.00	0.75
32.15	0.86	0.00	0.86	34.75	0.75	0.00	0.75
32.20	0.86	0.00	0.86	34.80	0.75	0.00	0.75
32.25	0.86	0.00	0.86	34.85	0.75	0.00	0.75
32.30	0.86	0.00	0.86	34.90	0.74	0.00	0.74
32.35	0.85	0.00	0.85	34.95	0.74	0.00	0.74
32.40	0.85	0.00	0.85	35.00	0.74	0.00	0.74
32.45	0.85	0.00	0.85	35.05	0.74	0.00	0.74
32.50	0.85	0.00	0.85	35.10	0.74	0.00	0.74
32.55	0.84	0.00	0.84	35.15	0.73	0.00	0.73
32.60	0.84	0.00	0.84	35.20	0.73	0.00	0.73
32.65	0.84	0.00	0.84	35.25	0.73	0.00	0.73
32.70	0.84	0.00	0.84	35.30	0.73	0.00	0.73
32.75	0.83	0.00	0.83	35.35	0.73	0.00	0.73
32.80	0.83	0.00	0.83	35.40	0.73	0.00	0.73
32.85	0.83	0.00	0.83	35.45	0.72	0.00	0.72
32.90	0.83	0.00	0.83	35.50	0.72	0.00	0.72
32.95	0.83	0.00	0.83	35.55	0.72	0.00	0.72
33.00	0.82	0.00	0.82	35.60	0.72	0.00	0.72
33.05	0.82	0.00	0.82	35.65	0.72	0.00	0.72
33.10	0.82	0.00	0.82	35.70	0.72	0.00	0.72
33.15	0.82	0.00	0.82	35.75	0.71	0.00	0.71
33.20	0.81	0.00	0.81	35.80	0.71	0.00	0.71
33.25	0.81	0.00	0.81	35.85	0.71	0.00	0.71
33.30	0.81	0.00	0.81	35.90	0.71	0.00	0.71
33.35	0.81	0.00	0.81	35.95	0.71	0.00	0.71
33.40	0.81	0.00	0.81	36.00	0.70	0.00	0.70
33.45	0.80	0.00	0.80	36.05	0.70	0.00	0.70
33.50	0.80	0.00	0.80	36.10	0.70	0.00	0.70
33.55	0.80	0.00	0.80	36.15	0.70	0.00	0.70
33.60	0.80	0.00	0.80	36.20	0.70	0.00	0.70
33.65	0.79	0.00	0.79	36.25	0.70	0.00	0.70
33.70	0.79	0.00	0.79	36.30	0.69	0.00	0.69
33.75	0.79	0.00	0.79	36.35	0.69	0.00	0.69

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.69	0.00	0.69	39.00	0.61	0.00	0.61
36.45	0.69	0.00	0.69	39.05	0.61	0.00	0.61
36.50	0.69	0.00	0.69	39.10	0.60	0.00	0.60
36.55	0.69	0.00	0.69	39.15	0.60	0.00	0.60
36.60	0.68	0.00	0.68	39.20	0.60	0.00	0.60
36.65	0.68	0.00	0.68	39.25	0.60	0.00	0.60
36.70	0.68	0.00	0.68	39.30	0.60	0.00	0.60
36.75	0.68	0.00	0.68	39.35	0.60	0.00	0.60
36.80	0.68	0.00	0.68	39.40	0.59	0.00	0.59
36.85	0.68	0.00	0.68	39.45	0.59	0.00	0.59
36.90	0.67	0.00	0.67	39.50	0.59	0.00	0.59
36.95	0.67	0.00	0.67	39.55	0.59	0.00	0.59
37.00	0.67	0.00	0.67	39.60	0.59	0.00	0.59
37.05	0.67	0.00	0.67	39.65	0.59	0.00	0.59
37.10	0.67	0.00	0.67	39.70	0.59	0.00	0.59
37.15	0.67	0.00	0.67	39.75	0.58	0.00	0.58
37.20	0.66	0.00	0.66	39.80	0.58	0.00	0.58
37.25	0.66	0.00	0.66	39.85	0.58	0.00	0.58
37.30	0.66	0.00	0.66	39.90	0.58	0.00	0.58
37.35	0.66	0.00	0.66	39.95	0.58	0.00	0.58
37.40	0.66	0.00	0.66	40.00	0.58	0.00	0.58
37.45	0.66	0.00	0.66				
37.50	0.65	0.00	0.65				
37.55	0.65	0.00	0.65				
37.60	0.65	0.00	0.65				
37.65	0.65	0.00	0.65				
37.70	0.65	0.00	0.65				
37.75	0.65	0.00	0.65				
37.80	0.64	0.00	0.64				
37.85	0.64	0.00	0.64				
37.90	0.64	0.00	0.64				
37.95	0.64	0.00	0.64				
38.00	0.64	0.00	0.64				
38.05	0.64	0.00	0.64				
38.10	0.63	0.00	0.63				
38.15	0.63	0.00	0.63				
38.20	0.63	0.00	0.63				
38.25	0.63	0.00	0.63				
38.30	0.63	0.00	0.63				
38.35	0.63	0.00	0.63				
38.40	0.63	0.00	0.63				
38.45	0.62	0.00	0.62				
38.50	0.62	0.00	0.62				
38.55	0.62	0.00	0.62				
38.60	0.62	0.00	0.62				
38.65	0.62	0.00	0.62				
38.70	0.62	0.00	0.62				
38.75	0.61	0.00	0.61				
38.80	0.61	0.00	0.61				
38.85	0.61	0.00	0.61				
38.90	0.61	0.00	0.61				
38.95	0.61	0.00	0.61				

Summary for Subcatchment 2S: PDA-40 (impervious)

Runoff = 7.16 cfs @ 12.09 hrs, Volume= 0.511 af, Depth=10.80"
 Routed to Pond 1P : Porous Pavement

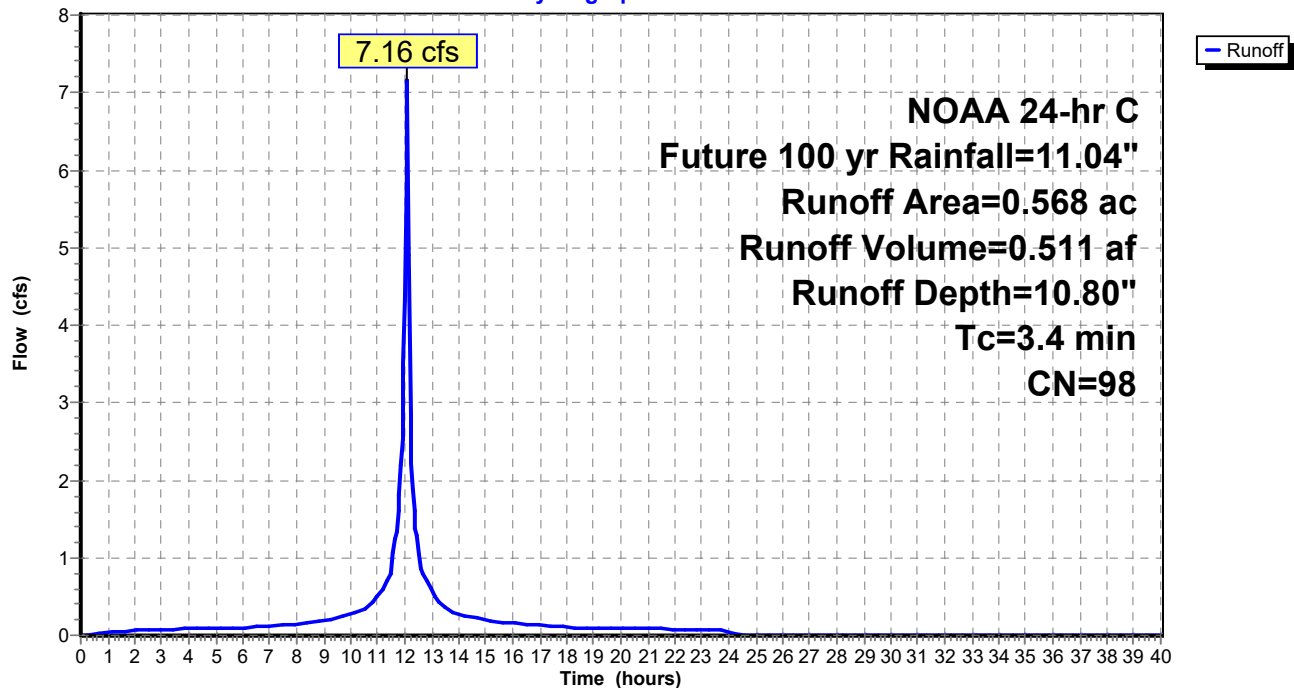
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
0.568		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.4					Direct Entry,

Subcatchment 2S: PDA-40 (impervious)

Hydrograph



Hydrograph for Subcatchment 2S: PDA-40 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.07
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.07
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.07
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.07
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.07
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.07
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.07
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.07
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.07
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.07
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.07
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.07
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.07
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.07
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.07
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.08
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.08
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.08
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.08
0.95	0.11	0.02	0.03	3.55	0.47	0.29	0.08
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.08
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.08
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.08
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.08
1.20	0.15	0.04	0.04	3.80	0.51	0.33	0.08
1.25	0.15	0.04	0.04	3.85	0.52	0.33	0.08
1.30	0.16	0.04	0.04	3.90	0.52	0.34	0.08
1.35	0.16	0.05	0.04	3.95	0.53	0.35	0.08
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.08
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.08
1.50	0.18	0.06	0.05	4.10	0.56	0.37	0.08
1.55	0.19	0.06	0.05	4.15	0.56	0.38	0.08
1.60	0.20	0.07	0.05	4.20	0.57	0.38	0.08
1.65	0.20	0.07	0.05	4.25	0.58	0.39	0.08
1.70	0.21	0.08	0.05	4.30	0.59	0.40	0.08
1.75	0.22	0.08	0.05	4.35	0.60	0.41	0.08
1.80	0.22	0.09	0.05	4.40	0.60	0.41	0.09
1.85	0.23	0.09	0.05	4.45	0.61	0.42	0.09
1.90	0.24	0.10	0.06	4.50	0.62	0.43	0.09
1.95	0.24	0.10	0.06	4.55	0.63	0.44	0.09
2.00	0.25	0.11	0.06	4.60	0.64	0.44	0.09
2.05	0.26	0.11	0.06	4.65	0.64	0.45	0.09
2.10	0.26	0.12	0.06	4.70	0.65	0.46	0.09
2.15	0.27	0.12	0.06	4.75	0.66	0.47	0.09
2.20	0.28	0.13	0.06	4.80	0.67	0.47	0.09
2.25	0.28	0.13	0.06	4.85	0.68	0.48	0.09
2.30	0.29	0.14	0.06	4.90	0.69	0.49	0.09
2.35	0.30	0.14	0.06	4.95	0.69	0.50	0.09
2.40	0.30	0.15	0.06	5.00	0.70	0.51	0.09
2.45	0.31	0.15	0.06	5.05	0.71	0.51	0.09
2.50	0.32	0.16	0.06	5.10	0.72	0.52	0.09
2.55	0.33	0.17	0.07	5.15	0.73	0.53	0.09

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.09	7.80	1.27	1.05	0.14
5.25	0.74	0.55	0.09	7.85	1.28	1.07	0.15
5.30	0.75	0.55	0.09	7.90	1.30	1.08	0.15
5.35	0.76	0.56	0.09	7.95	1.31	1.09	0.15
5.40	0.77	0.57	0.09	8.00	1.32	1.11	0.15
5.45	0.78	0.58	0.09	8.05	1.34	1.12	0.15
5.50	0.79	0.59	0.09	8.10	1.35	1.13	0.15
5.55	0.80	0.59	0.09	8.15	1.36	1.15	0.15
5.60	0.80	0.60	0.09	8.20	1.38	1.16	0.15
5.65	0.81	0.61	0.10	8.25	1.39	1.17	0.16
5.70	0.82	0.62	0.10	8.30	1.40	1.19	0.16
5.75	0.83	0.63	0.10	8.35	1.42	1.20	0.16
5.80	0.84	0.64	0.10	8.40	1.43	1.21	0.16
5.85	0.85	0.64	0.10	8.45	1.45	1.23	0.16
5.90	0.86	0.65	0.10	8.50	1.46	1.24	0.16
5.95	0.87	0.66	0.10	8.55	1.48	1.26	0.16
6.00	0.87	0.67	0.10	8.60	1.49	1.27	0.16
6.05	0.88	0.68	0.10	8.65	1.51	1.29	0.17
6.10	0.89	0.69	0.10	8.70	1.52	1.30	0.17
6.15	0.90	0.70	0.10	8.75	1.54	1.32	0.17
6.20	0.91	0.71	0.10	8.80	1.55	1.33	0.17
6.25	0.92	0.71	0.10	8.85	1.57	1.35	0.17
6.30	0.93	0.72	0.11	8.90	1.58	1.36	0.17
6.35	0.94	0.73	0.11	8.95	1.60	1.38	0.17
6.40	0.95	0.74	0.11	9.00	1.61	1.39	0.18
6.45	0.96	0.75	0.11	9.05	1.63	1.41	0.18
6.50	0.97	0.76	0.11	9.10	1.64	1.42	0.18
6.55	0.98	0.77	0.11	9.15	1.66	1.44	0.19
6.60	0.99	0.78	0.11	9.20	1.68	1.46	0.19
6.65	1.00	0.79	0.11	9.25	1.70	1.47	0.20
6.70	1.01	0.80	0.12	9.30	1.72	1.49	0.20
6.75	1.02	0.81	0.12	9.35	1.73	1.51	0.21
6.80	1.03	0.82	0.12	9.40	1.75	1.53	0.21
6.85	1.04	0.83	0.12	9.45	1.77	1.55	0.22
6.90	1.05	0.84	0.12	9.50	1.79	1.57	0.22
6.95	1.07	0.85	0.12	9.55	1.81	1.59	0.23
7.00	1.08	0.87	0.12	9.60	1.83	1.61	0.23
7.05	1.09	0.88	0.12	9.65	1.85	1.63	0.24
7.10	1.10	0.89	0.13	9.70	1.88	1.65	0.24
7.15	1.11	0.90	0.13	9.75	1.90	1.67	0.25
7.20	1.12	0.91	0.13	9.80	1.92	1.69	0.25
7.25	1.13	0.92	0.13	9.85	1.94	1.72	0.26
7.30	1.15	0.93	0.13	9.90	1.97	1.74	0.26
7.35	1.16	0.94	0.13	9.95	1.99	1.76	0.27
7.40	1.17	0.96	0.13	10.00	2.01	1.79	0.27
7.45	1.18	0.97	0.14	10.05	2.04	1.81	0.27
7.50	1.19	0.98	0.14	10.10	2.06	1.84	0.28
7.55	1.21	0.99	0.14	10.15	2.09	1.86	0.28
7.60	1.22	1.00	0.14	10.20	2.11	1.89	0.29
7.65	1.23	1.02	0.14	10.25	2.14	1.91	0.29
7.70	1.24	1.03	0.14	10.30	2.17	1.94	0.30
7.75	1.26	1.04	0.14	10.35	2.19	1.97	0.30

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.31	13.00	8.39	8.15	0.57
10.45	2.25	2.02	0.31	13.05	8.43	8.19	0.53
10.50	2.28	2.05	0.32	13.10	8.48	8.24	0.51
10.55	2.31	2.08	0.34	13.15	8.52	8.28	0.48
10.60	2.34	2.11	0.35	13.20	8.56	8.32	0.47
10.65	2.37	2.14	0.37	13.25	8.60	8.36	0.45
10.70	2.41	2.18	0.39	13.30	8.63	8.39	0.43
10.75	2.44	2.21	0.41	13.35	8.67	8.43	0.41
10.80	2.48	2.25	0.42	13.40	8.70	8.46	0.39
10.85	2.52	2.29	0.44	13.45	8.73	8.49	0.37
10.90	2.56	2.33	0.46	13.50	8.76	8.52	0.36
10.95	2.61	2.38	0.48	13.55	8.79	8.55	0.34
11.00	2.65	2.42	0.50	13.60	8.82	8.58	0.32
11.05	2.70	2.47	0.53	13.65	8.85	8.61	0.31
11.10	2.75	2.52	0.56	13.70	8.87	8.63	0.31
11.15	2.80	2.57	0.60	13.75	8.90	8.66	0.30
11.20	2.86	2.63	0.63	13.80	8.93	8.69	0.30
11.25	2.92	2.69	0.67	13.85	8.95	8.71	0.30
11.30	2.98	2.75	0.70	13.90	8.98	8.74	0.29
11.35	3.05	2.82	0.74	13.95	9.00	8.76	0.29
11.40	3.12	2.89	0.77	14.00	9.03	8.79	0.28
11.45	3.19	2.96	0.80	14.05	9.05	8.81	0.28
11.50	3.26	3.03	0.82	14.10	9.07	8.83	0.27
11.55	3.37	3.14	1.05	14.15	9.10	8.86	0.27
11.60	3.49	3.25	1.25	14.20	9.12	8.88	0.26
11.65	3.60	3.37	1.31	14.25	9.14	8.90	0.26
11.70	3.72	3.49	1.34	14.30	9.16	8.92	0.25
11.75	3.88	3.65	1.59	14.35	9.19	8.95	0.25
11.80	4.04	3.81	1.82	14.40	9.21	8.97	0.24
11.85	4.27	4.03	2.20	14.45	9.23	8.99	0.24
11.90	4.49	4.25	2.53	14.50	9.25	9.01	0.23
11.95	4.88	4.64	3.50	14.55	9.27	9.03	0.23
12.00	5.26	5.02	4.33	14.60	9.29	9.05	0.22
12.05	5.91	5.67	5.90	14.65	9.31	9.07	0.22
12.10	6.55	6.31	7.13	14.70	9.32	9.08	0.22
12.15	6.77	6.53	4.91	14.75	9.34	9.10	0.21
12.20	7.00	6.76	2.86	14.80	9.36	9.12	0.21
12.25	7.16	6.92	2.23	14.85	9.38	9.14	0.20
12.30	7.32	7.08	1.88	14.90	9.40	9.15	0.20
12.35	7.44	7.20	1.59	14.95	9.41	9.17	0.19
12.40	7.55	7.31	1.38	15.00	9.43	9.19	0.19
12.45	7.67	7.43	1.31	15.05	9.44	9.20	0.18
12.50	7.78	7.54	1.28	15.10	9.46	9.22	0.18
12.55	7.85	7.61	1.05	15.15	9.47	9.23	0.18
12.60	7.92	7.68	0.85	15.20	9.49	9.25	0.17
12.65	7.99	7.75	0.80	15.25	9.50	9.26	0.17
12.70	8.06	7.82	0.78	15.30	9.52	9.28	0.17
12.75	8.12	7.88	0.74	15.35	9.53	9.29	0.17
12.80	8.18	7.94	0.71	15.40	9.55	9.31	0.17
12.85	8.24	8.00	0.67	15.45	9.56	9.32	0.17
12.90	8.29	8.05	0.64	15.50	9.58	9.34	0.17
12.95	8.34	8.10	0.60	15.55	9.59	9.35	0.17

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.17	18.20	10.20	9.96	0.10
15.65	9.62	9.38	0.16	18.25	10.21	9.97	0.10
15.70	9.64	9.39	0.16	18.30	10.22	9.98	0.10
15.75	9.65	9.41	0.16	18.35	10.23	9.99	0.10
15.80	9.66	9.42	0.16	18.40	10.24	9.99	0.10
15.85	9.68	9.44	0.16	18.45	10.24	10.00	0.10
15.90	9.69	9.45	0.16	18.50	10.25	10.01	0.10
15.95	9.70	9.46	0.16	18.55	10.26	10.02	0.10
16.00	9.72	9.48	0.15	18.60	10.27	10.03	0.10
16.05	9.73	9.49	0.15	18.65	10.28	10.04	0.10
16.10	9.74	9.50	0.15	18.70	10.29	10.05	0.10
16.15	9.76	9.52	0.15	18.75	10.30	10.05	0.10
16.20	9.77	9.53	0.15	18.80	10.30	10.06	0.10
16.25	9.78	9.54	0.15	18.85	10.31	10.07	0.10
16.30	9.80	9.55	0.15	18.90	10.32	10.08	0.10
16.35	9.81	9.57	0.15	18.95	10.33	10.09	0.10
16.40	9.82	9.58	0.14	19.00	10.34	10.10	0.10
16.45	9.83	9.59	0.14	19.05	10.35	10.11	0.10
16.50	9.85	9.60	0.14	19.10	10.35	10.11	0.10
16.55	9.86	9.62	0.14	19.15	10.36	10.12	0.10
16.60	9.87	9.63	0.14	19.20	10.37	10.13	0.09
16.65	9.88	9.64	0.14	19.25	10.38	10.14	0.09
16.70	9.89	9.65	0.14	19.30	10.39	10.15	0.09
16.75	9.91	9.66	0.14	19.35	10.40	10.15	0.09
16.80	9.92	9.68	0.13	19.40	10.40	10.16	0.09
16.85	9.93	9.69	0.13	19.45	10.41	10.17	0.09
16.90	9.94	9.70	0.13	19.50	10.42	10.18	0.09
16.95	9.95	9.71	0.13	19.55	10.43	10.19	0.09
17.00	9.96	9.72	0.13	19.60	10.44	10.20	0.09
17.05	9.97	9.73	0.13	19.65	10.44	10.20	0.09
17.10	9.99	9.74	0.13	19.70	10.45	10.21	0.09
17.15	10.00	9.76	0.13	19.75	10.46	10.22	0.09
17.20	10.01	9.77	0.12	19.80	10.47	10.23	0.09
17.25	10.02	9.78	0.12	19.85	10.48	10.24	0.09
17.30	10.03	9.79	0.12	19.90	10.48	10.24	0.09
17.35	10.04	9.80	0.12	19.95	10.49	10.25	0.09
17.40	10.05	9.81	0.12	20.00	10.50	10.26	0.09
17.45	10.06	9.82	0.12	20.05	10.51	10.27	0.09
17.50	10.07	9.83	0.12	20.10	10.52	10.27	0.09
17.55	10.08	9.84	0.12	20.15	10.52	10.28	0.09
17.60	10.09	9.85	0.11	20.20	10.53	10.29	0.09
17.65	10.10	9.86	0.11	20.25	10.54	10.30	0.09
17.70	10.11	9.87	0.11	20.30	10.55	10.31	0.09
17.75	10.12	9.88	0.11	20.35	10.55	10.31	0.09
17.80	10.13	9.89	0.11	20.40	10.56	10.32	0.09
17.85	10.14	9.90	0.11	20.45	10.57	10.33	0.09
17.90	10.15	9.91	0.11	20.50	10.58	10.34	0.09
17.95	10.16	9.92	0.11	20.55	10.58	10.34	0.09
18.00	10.17	9.92	0.10	20.60	10.59	10.35	0.09
18.05	10.17	9.93	0.10	20.65	10.60	10.36	0.09
18.10	10.18	9.94	0.10	20.70	10.61	10.37	0.09
18.15	10.19	9.95	0.10	20.75	10.61	10.37	0.09

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.08	23.40	10.97	10.73	0.07
20.85	10.63	10.39	0.08	23.45	10.97	10.73	0.07
20.90	10.64	10.39	0.08	23.50	10.98	10.74	0.07
20.95	10.64	10.40	0.08	23.55	10.99	10.74	0.07
21.00	10.65	10.41	0.08	23.60	10.99	10.75	0.07
21.05	10.66	10.42	0.08	23.65	11.00	10.76	0.07
21.10	10.66	10.42	0.08	23.70	11.00	10.76	0.07
21.15	10.67	10.43	0.08	23.75	11.01	10.77	0.07
21.20	10.68	10.44	0.08	23.80	11.01	10.77	0.07
21.25	10.69	10.45	0.08	23.85	11.02	10.78	0.07
21.30	10.69	10.45	0.08	23.90	11.03	10.78	0.07
21.35	10.70	10.46	0.08	23.95	11.03	10.79	0.07
21.40	10.71	10.47	0.08	24.00	11.04	10.80	0.08
21.45	10.71	10.47	0.08	24.05	11.04	10.80	0.04
21.50	10.72	10.48	0.08	24.10	11.04	10.80	0.01
21.55	10.73	10.49	0.08	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.08	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.08	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.08	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.08	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.08	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.08	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.08	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.08	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.08	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.08	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.08	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.08	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.08	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.08	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.08	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.07	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.07	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.07	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.07	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.07	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.07	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.07	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.07	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.07	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.07	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.07	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.07	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.07	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.07	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.07	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.07	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.07	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.07	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.07	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.07	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.07	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 2S: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 3S: PDA-36A (impervious)

Runoff = 7.11 cfs @ 12.07 hrs, Volume= 0.492 af, Depth=10.80"
 Routed to Pond 2P : Underground Storage

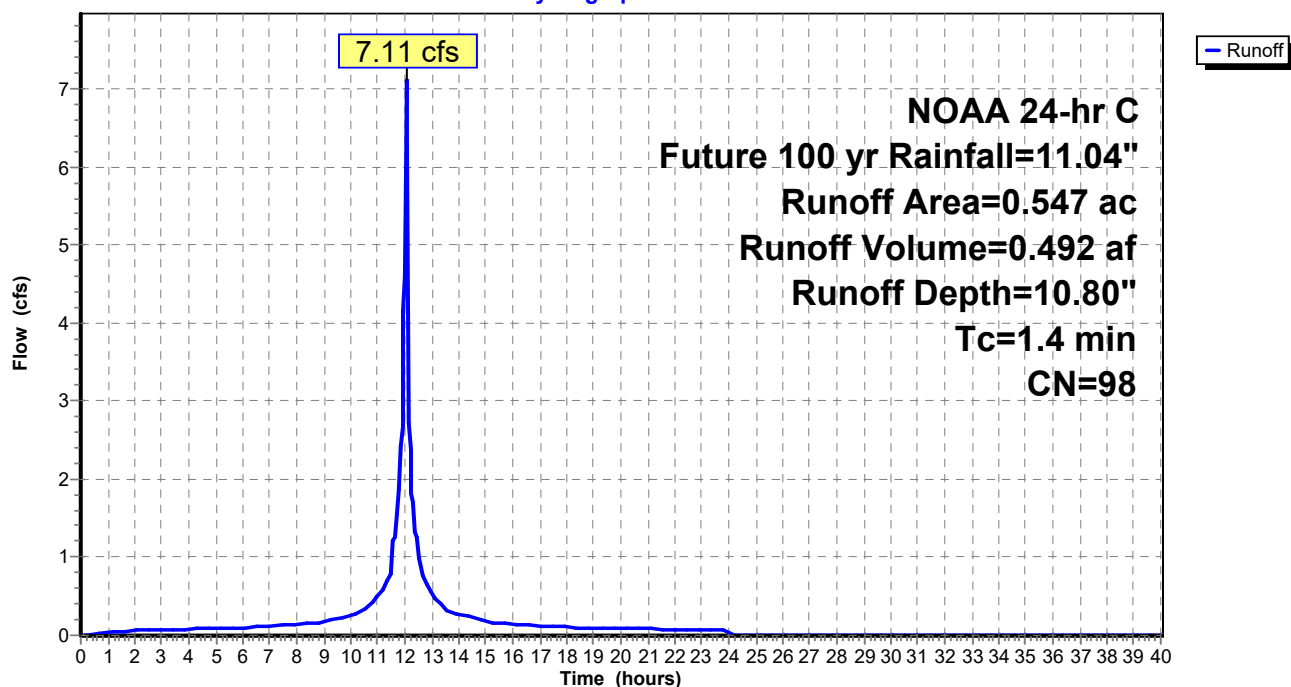
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.415	98	Pavement, HSG C
* 0.132	98	Sidewalks
0.547	98	Weighted Average
0.547		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 3S: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 3S: PDA-36A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.06
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.06
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.07
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.07
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.07
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.07
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.07
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.07
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.07
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.07
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.07
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.07
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.07
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.07
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.07
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.07
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.07
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.07
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.07
0.95	0.11	0.02	0.03	3.55	0.47	0.29	0.07
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.07
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.08
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.08
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.08
1.20	0.15	0.04	0.04	3.80	0.51	0.33	0.08
1.25	0.15	0.04	0.04	3.85	0.52	0.33	0.08
1.30	0.16	0.04	0.04	3.90	0.52	0.34	0.08
1.35	0.16	0.05	0.04	3.95	0.53	0.35	0.08
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.08
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.08
1.50	0.18	0.06	0.05	4.10	0.56	0.37	0.08
1.55	0.19	0.06	0.05	4.15	0.56	0.38	0.08
1.60	0.20	0.07	0.05	4.20	0.57	0.38	0.08
1.65	0.20	0.07	0.05	4.25	0.58	0.39	0.08
1.70	0.21	0.08	0.05	4.30	0.59	0.40	0.08
1.75	0.22	0.08	0.05	4.35	0.60	0.41	0.08
1.80	0.22	0.09	0.05	4.40	0.60	0.41	0.08
1.85	0.23	0.09	0.05	4.45	0.61	0.42	0.08
1.90	0.24	0.10	0.05	4.50	0.62	0.43	0.08
1.95	0.24	0.10	0.05	4.55	0.63	0.44	0.08
2.00	0.25	0.11	0.06	4.60	0.64	0.44	0.08
2.05	0.26	0.11	0.06	4.65	0.64	0.45	0.08
2.10	0.26	0.12	0.06	4.70	0.65	0.46	0.08
2.15	0.27	0.12	0.06	4.75	0.66	0.47	0.09
2.20	0.28	0.13	0.06	4.80	0.67	0.47	0.09
2.25	0.28	0.13	0.06	4.85	0.68	0.48	0.09
2.30	0.29	0.14	0.06	4.90	0.69	0.49	0.09
2.35	0.30	0.14	0.06	4.95	0.69	0.50	0.09
2.40	0.30	0.15	0.06	5.00	0.70	0.51	0.09
2.45	0.31	0.15	0.06	5.05	0.71	0.51	0.09
2.50	0.32	0.16	0.06	5.10	0.72	0.52	0.09
2.55	0.33	0.17	0.06	5.15	0.73	0.53	0.09

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.09	7.80	1.27	1.05	0.14
5.25	0.74	0.55	0.09	7.85	1.28	1.07	0.14
5.30	0.75	0.55	0.09	7.90	1.30	1.08	0.14
5.35	0.76	0.56	0.09	7.95	1.31	1.09	0.14
5.40	0.77	0.57	0.09	8.00	1.32	1.11	0.14
5.45	0.78	0.58	0.09	8.05	1.34	1.12	0.15
5.50	0.79	0.59	0.09	8.10	1.35	1.13	0.15
5.55	0.80	0.59	0.09	8.15	1.36	1.15	0.15
5.60	0.80	0.60	0.09	8.20	1.38	1.16	0.15
5.65	0.81	0.61	0.09	8.25	1.39	1.17	0.15
5.70	0.82	0.62	0.09	8.30	1.40	1.19	0.15
5.75	0.83	0.63	0.09	8.35	1.42	1.20	0.15
5.80	0.84	0.64	0.09	8.40	1.43	1.21	0.15
5.85	0.85	0.64	0.09	8.45	1.45	1.23	0.16
5.90	0.86	0.65	0.09	8.50	1.46	1.24	0.16
5.95	0.87	0.66	0.09	8.55	1.48	1.26	0.16
6.00	0.87	0.67	0.09	8.60	1.49	1.27	0.16
6.05	0.88	0.68	0.10	8.65	1.51	1.29	0.16
6.10	0.89	0.69	0.10	8.70	1.52	1.30	0.16
6.15	0.90	0.70	0.10	8.75	1.54	1.32	0.16
6.20	0.91	0.71	0.10	8.80	1.55	1.33	0.16
6.25	0.92	0.71	0.10	8.85	1.57	1.35	0.17
6.30	0.93	0.72	0.10	8.90	1.58	1.36	0.17
6.35	0.94	0.73	0.10	8.95	1.60	1.38	0.17
6.40	0.95	0.74	0.10	9.00	1.61	1.39	0.17
6.45	0.96	0.75	0.11	9.05	1.63	1.41	0.18
6.50	0.97	0.76	0.11	9.10	1.64	1.42	0.18
6.55	0.98	0.77	0.11	9.15	1.66	1.44	0.19
6.60	0.99	0.78	0.11	9.20	1.68	1.46	0.19
6.65	1.00	0.79	0.11	9.25	1.70	1.47	0.20
6.70	1.01	0.80	0.11	9.30	1.72	1.49	0.20
6.75	1.02	0.81	0.11	9.35	1.73	1.51	0.20
6.80	1.03	0.82	0.11	9.40	1.75	1.53	0.21
6.85	1.04	0.83	0.12	9.45	1.77	1.55	0.21
6.90	1.05	0.84	0.12	9.50	1.79	1.57	0.21
6.95	1.07	0.85	0.12	9.55	1.81	1.59	0.22
7.00	1.08	0.87	0.12	9.60	1.83	1.61	0.22
7.05	1.09	0.88	0.12	9.65	1.85	1.63	0.23
7.10	1.10	0.89	0.12	9.70	1.88	1.65	0.23
7.15	1.11	0.90	0.12	9.75	1.90	1.67	0.24
7.20	1.12	0.91	0.12	9.80	1.92	1.69	0.24
7.25	1.13	0.92	0.13	9.85	1.94	1.72	0.25
7.30	1.15	0.93	0.13	9.90	1.97	1.74	0.25
7.35	1.16	0.94	0.13	9.95	1.99	1.76	0.26
7.40	1.17	0.96	0.13	10.00	2.01	1.79	0.26
7.45	1.18	0.97	0.13	10.05	2.04	1.81	0.27
7.50	1.19	0.98	0.13	10.10	2.06	1.84	0.27
7.55	1.21	0.99	0.13	10.15	2.09	1.86	0.28
7.60	1.22	1.00	0.13	10.20	2.11	1.89	0.28
7.65	1.23	1.02	0.14	10.25	2.14	1.91	0.29
7.70	1.24	1.03	0.14	10.30	2.17	1.94	0.29
7.75	1.26	1.04	0.14	10.35	2.19	1.97	0.30

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.30	13.00	8.39	8.15	0.54
10.45	2.25	2.02	0.31	13.05	8.43	8.19	0.49
10.50	2.28	2.05	0.31	13.10	8.48	8.24	0.48
10.55	2.31	2.08	0.34	13.15	8.52	8.28	0.45
10.60	2.34	2.11	0.34	13.20	8.56	8.32	0.44
10.65	2.37	2.14	0.37	13.25	8.60	8.36	0.41
10.70	2.41	2.18	0.38	13.30	8.63	8.39	0.41
10.75	2.44	2.21	0.41	13.35	8.67	8.43	0.38
10.80	2.48	2.25	0.41	13.40	8.70	8.46	0.37
10.85	2.52	2.29	0.44	13.45	8.73	8.49	0.34
10.90	2.56	2.33	0.45	13.50	8.76	8.52	0.34
10.95	2.61	2.38	0.48	13.55	8.79	8.55	0.31
11.00	2.65	2.42	0.49	13.60	8.82	8.58	0.31
11.05	2.70	2.47	0.54	13.65	8.85	8.61	0.30
11.10	2.75	2.52	0.55	13.70	8.87	8.63	0.30
11.15	2.80	2.57	0.61	13.75	8.90	8.66	0.29
11.20	2.86	2.63	0.62	13.80	8.93	8.69	0.29
11.25	2.92	2.69	0.67	13.85	8.95	8.71	0.28
11.30	2.98	2.75	0.68	13.90	8.98	8.74	0.28
11.35	3.05	2.82	0.74	13.95	9.00	8.76	0.27
11.40	3.12	2.89	0.75	14.00	9.03	8.79	0.27
11.45	3.19	2.96	0.79	14.05	9.05	8.81	0.26
11.50	3.26	3.03	0.84	14.10	9.07	8.83	0.26
11.55	3.37	3.14	1.20	14.15	9.10	8.86	0.25
11.60	3.49	3.25	1.24	14.20	9.12	8.88	0.25
11.65	3.60	3.37	1.29	14.25	9.14	8.90	0.24
11.70	3.72	3.49	1.35	14.30	9.16	8.92	0.24
11.75	3.88	3.65	1.75	14.35	9.19	8.95	0.23
11.80	4.04	3.81	1.86	14.40	9.21	8.97	0.23
11.85	4.27	4.03	2.42	14.45	9.23	8.99	0.23
11.90	4.49	4.25	2.68	14.50	9.25	9.01	0.22
11.95	4.88	4.64	4.15	14.55	9.27	9.03	0.22
12.00	5.26	5.02	4.60	14.60	9.29	9.05	0.21
12.05	5.91	5.67	6.94	14.65	9.31	9.07	0.21
12.10	6.55	6.31	6.53	14.70	9.32	9.08	0.21
12.15	6.77	6.53	2.72	14.75	9.34	9.10	0.20
12.20	7.00	6.76	2.38	14.80	9.36	9.12	0.20
12.25	7.16	6.92	1.81	14.85	9.38	9.14	0.19
12.30	7.32	7.08	1.72	14.90	9.40	9.15	0.19
12.35	7.44	7.20	1.32	14.95	9.41	9.17	0.18
12.40	7.55	7.31	1.29	15.00	9.43	9.19	0.18
12.45	7.67	7.43	1.23	15.05	9.44	9.20	0.17
12.50	7.78	7.54	1.18	15.10	9.46	9.22	0.17
12.55	7.85	7.61	0.82	15.15	9.47	9.23	0.17
12.60	7.92	7.68	0.79	15.20	9.49	9.25	0.17
12.65	7.99	7.75	0.75	15.25	9.50	9.26	0.17
12.70	8.06	7.82	0.74	15.30	9.52	9.28	0.17
12.75	8.12	7.88	0.68	15.35	9.53	9.29	0.16
12.80	8.18	7.94	0.67	15.40	9.55	9.31	0.16
12.85	8.24	8.00	0.62	15.45	9.56	9.32	0.16
12.90	8.29	8.05	0.61	15.50	9.58	9.34	0.16
12.95	8.34	8.10	0.55	15.55	9.59	9.35	0.16

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.16	18.20	10.20	9.96	0.10
15.65	9.62	9.38	0.16	18.25	10.21	9.97	0.10
15.70	9.64	9.39	0.16	18.30	10.22	9.98	0.10
15.75	9.65	9.41	0.15	18.35	10.23	9.99	0.10
15.80	9.66	9.42	0.15	18.40	10.24	9.99	0.10
15.85	9.68	9.44	0.15	18.45	10.24	10.00	0.10
15.90	9.69	9.45	0.15	18.50	10.25	10.01	0.10
15.95	9.70	9.46	0.15	18.55	10.26	10.02	0.09
16.00	9.72	9.48	0.15	18.60	10.27	10.03	0.09
16.05	9.73	9.49	0.15	18.65	10.28	10.04	0.09
16.10	9.74	9.50	0.15	18.70	10.29	10.05	0.09
16.15	9.76	9.52	0.14	18.75	10.30	10.05	0.09
16.20	9.77	9.53	0.14	18.80	10.30	10.06	0.09
16.25	9.78	9.54	0.14	18.85	10.31	10.07	0.09
16.30	9.80	9.55	0.14	18.90	10.32	10.08	0.09
16.35	9.81	9.57	0.14	18.95	10.33	10.09	0.09
16.40	9.82	9.58	0.14	19.00	10.34	10.10	0.09
16.45	9.83	9.59	0.14	19.05	10.35	10.11	0.09
16.50	9.85	9.60	0.14	19.10	10.35	10.11	0.09
16.55	9.86	9.62	0.13	19.15	10.36	10.12	0.09
16.60	9.87	9.63	0.13	19.20	10.37	10.13	0.09
16.65	9.88	9.64	0.13	19.25	10.38	10.14	0.09
16.70	9.89	9.65	0.13	19.30	10.39	10.15	0.09
16.75	9.91	9.66	0.13	19.35	10.40	10.15	0.09
16.80	9.92	9.68	0.13	19.40	10.40	10.16	0.09
16.85	9.93	9.69	0.13	19.45	10.41	10.17	0.09
16.90	9.94	9.70	0.13	19.50	10.42	10.18	0.09
16.95	9.95	9.71	0.12	19.55	10.43	10.19	0.09
17.00	9.96	9.72	0.12	19.60	10.44	10.20	0.09
17.05	9.97	9.73	0.12	19.65	10.44	10.20	0.09
17.10	9.99	9.74	0.12	19.70	10.45	10.21	0.09
17.15	10.00	9.76	0.12	19.75	10.46	10.22	0.09
17.20	10.01	9.77	0.12	19.80	10.47	10.23	0.09
17.25	10.02	9.78	0.12	19.85	10.48	10.24	0.09
17.30	10.03	9.79	0.12	19.90	10.48	10.24	0.09
17.35	10.04	9.80	0.12	19.95	10.49	10.25	0.09
17.40	10.05	9.81	0.11	20.00	10.50	10.26	0.09
17.45	10.06	9.82	0.11	20.05	10.51	10.27	0.09
17.50	10.07	9.83	0.11	20.10	10.52	10.27	0.09
17.55	10.08	9.84	0.11	20.15	10.52	10.28	0.09
17.60	10.09	9.85	0.11	20.20	10.53	10.29	0.09
17.65	10.10	9.86	0.11	20.25	10.54	10.30	0.08
17.70	10.11	9.87	0.11	20.30	10.55	10.31	0.08
17.75	10.12	9.88	0.11	20.35	10.55	10.31	0.08
17.80	10.13	9.89	0.11	20.40	10.56	10.32	0.08
17.85	10.14	9.90	0.10	20.45	10.57	10.33	0.08
17.90	10.15	9.91	0.10	20.50	10.58	10.34	0.08
17.95	10.16	9.92	0.10	20.55	10.58	10.34	0.08
18.00	10.17	9.92	0.10	20.60	10.59	10.35	0.08
18.05	10.17	9.93	0.10	20.65	10.60	10.36	0.08
18.10	10.18	9.94	0.10	20.70	10.61	10.37	0.08
18.15	10.19	9.95	0.10	20.75	10.61	10.37	0.08

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.08	23.40	10.97	10.73	0.07
20.85	10.63	10.39	0.08	23.45	10.97	10.73	0.07
20.90	10.64	10.39	0.08	23.50	10.98	10.74	0.07
20.95	10.64	10.40	0.08	23.55	10.99	10.74	0.06
21.00	10.65	10.41	0.08	23.60	10.99	10.75	0.06
21.05	10.66	10.42	0.08	23.65	11.00	10.76	0.06
21.10	10.66	10.42	0.08	23.70	11.00	10.76	0.06
21.15	10.67	10.43	0.08	23.75	11.01	10.77	0.06
21.20	10.68	10.44	0.08	23.80	11.01	10.77	0.06
21.25	10.69	10.45	0.08	23.85	11.02	10.78	0.06
21.30	10.69	10.45	0.08	23.90	11.03	10.78	0.06
21.35	10.70	10.46	0.08	23.95	11.03	10.79	0.08
21.40	10.71	10.47	0.08	24.00	11.04	10.80	0.07
21.45	10.71	10.47	0.08	24.05	11.04	10.80	0.00
21.50	10.72	10.48	0.08	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.08	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.08	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.08	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.08	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.08	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.08	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.07	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.07	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.07	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.07	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.07	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.07	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.07	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.07	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.07	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.07	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.07	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.07	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.07	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.07	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.07	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.07	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.07	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.07	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.07	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.07	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.07	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.07	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.07	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.07	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.07	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.07	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.07	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.07	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.07	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.07	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.07	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 3S: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 4S: PDA-39 (impervious)

Runoff = 7.49 cfs @ 12.08 hrs, Volume= 0.511 af, Depth=10.80"

Routed to Pond 3P : Underground Storage

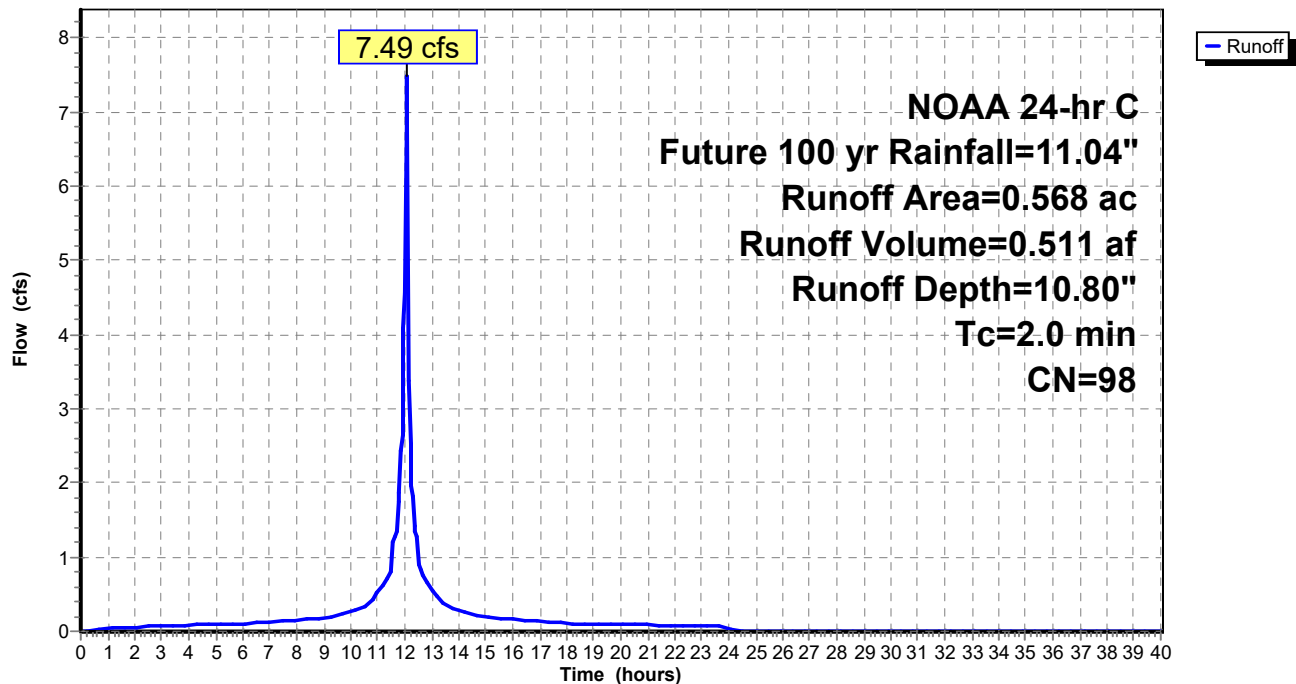
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.568	98	Roof, HSG C
0.568		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.0					Direct Entry,

Subcatchment 4S: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 4S: PDA-39 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.07
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.07
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.07
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.07
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.07
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.07
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.07
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.07
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.07
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.07
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.07
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.07
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.07
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.07
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.07
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.08
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.08
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.08
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.08
0.95	0.11	0.02	0.03	3.55	0.47	0.29	0.08
1.00	0.12	0.02	0.03	3.60	0.48	0.30	0.08
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.08
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.08
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.08
1.20	0.15	0.04	0.04	3.80	0.51	0.33	0.08
1.25	0.15	0.04	0.04	3.85	0.52	0.33	0.08
1.30	0.16	0.04	0.04	3.90	0.52	0.34	0.08
1.35	0.16	0.05	0.04	3.95	0.53	0.35	0.08
1.40	0.17	0.05	0.04	4.00	0.54	0.35	0.08
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.08
1.50	0.18	0.06	0.05	4.10	0.56	0.37	0.08
1.55	0.19	0.06	0.05	4.15	0.56	0.38	0.08
1.60	0.20	0.07	0.05	4.20	0.57	0.38	0.08
1.65	0.20	0.07	0.05	4.25	0.58	0.39	0.08
1.70	0.21	0.08	0.05	4.30	0.59	0.40	0.08
1.75	0.22	0.08	0.05	4.35	0.60	0.41	0.08
1.80	0.22	0.09	0.05	4.40	0.60	0.41	0.09
1.85	0.23	0.09	0.06	4.45	0.61	0.42	0.09
1.90	0.24	0.10	0.06	4.50	0.62	0.43	0.09
1.95	0.24	0.10	0.06	4.55	0.63	0.44	0.09
2.00	0.25	0.11	0.06	4.60	0.64	0.44	0.09
2.05	0.26	0.11	0.06	4.65	0.64	0.45	0.09
2.10	0.26	0.12	0.06	4.70	0.65	0.46	0.09
2.15	0.27	0.12	0.06	4.75	0.66	0.47	0.09
2.20	0.28	0.13	0.06	4.80	0.67	0.47	0.09
2.25	0.28	0.13	0.06	4.85	0.68	0.48	0.09
2.30	0.29	0.14	0.06	4.90	0.69	0.49	0.09
2.35	0.30	0.14	0.06	4.95	0.69	0.50	0.09
2.40	0.30	0.15	0.06	5.00	0.70	0.51	0.09
2.45	0.31	0.15	0.06	5.05	0.71	0.51	0.09
2.50	0.32	0.16	0.07	5.10	0.72	0.52	0.09
2.55	0.33	0.17	0.07	5.15	0.73	0.53	0.09

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.09	7.80	1.27	1.05	0.14
5.25	0.74	0.55	0.09	7.85	1.28	1.07	0.15
5.30	0.75	0.55	0.09	7.90	1.30	1.08	0.15
5.35	0.76	0.56	0.09	7.95	1.31	1.09	0.15
5.40	0.77	0.57	0.09	8.00	1.32	1.11	0.15
5.45	0.78	0.58	0.09	8.05	1.34	1.12	0.15
5.50	0.79	0.59	0.09	8.10	1.35	1.13	0.15
5.55	0.80	0.59	0.09	8.15	1.36	1.15	0.15
5.60	0.80	0.60	0.09	8.20	1.38	1.16	0.15
5.65	0.81	0.61	0.10	8.25	1.39	1.17	0.16
5.70	0.82	0.62	0.10	8.30	1.40	1.19	0.16
5.75	0.83	0.63	0.10	8.35	1.42	1.20	0.16
5.80	0.84	0.64	0.10	8.40	1.43	1.21	0.16
5.85	0.85	0.64	0.10	8.45	1.45	1.23	0.16
5.90	0.86	0.65	0.10	8.50	1.46	1.24	0.16
5.95	0.87	0.66	0.10	8.55	1.48	1.26	0.16
6.00	0.87	0.67	0.10	8.60	1.49	1.27	0.16
6.05	0.88	0.68	0.10	8.65	1.51	1.29	0.17
6.10	0.89	0.69	0.10	8.70	1.52	1.30	0.17
6.15	0.90	0.70	0.10	8.75	1.54	1.32	0.17
6.20	0.91	0.71	0.10	8.80	1.55	1.33	0.17
6.25	0.92	0.71	0.11	8.85	1.57	1.35	0.17
6.30	0.93	0.72	0.11	8.90	1.58	1.36	0.17
6.35	0.94	0.73	0.11	8.95	1.60	1.38	0.17
6.40	0.95	0.74	0.11	9.00	1.61	1.39	0.18
6.45	0.96	0.75	0.11	9.05	1.63	1.41	0.18
6.50	0.97	0.76	0.11	9.10	1.64	1.42	0.18
6.55	0.98	0.77	0.11	9.15	1.66	1.44	0.19
6.60	0.99	0.78	0.11	9.20	1.68	1.46	0.19
6.65	1.00	0.79	0.12	9.25	1.70	1.47	0.20
6.70	1.01	0.80	0.12	9.30	1.72	1.49	0.20
6.75	1.02	0.81	0.12	9.35	1.73	1.51	0.21
6.80	1.03	0.82	0.12	9.40	1.75	1.53	0.21
6.85	1.04	0.83	0.12	9.45	1.77	1.55	0.22
6.90	1.05	0.84	0.12	9.50	1.79	1.57	0.22
6.95	1.07	0.85	0.12	9.55	1.81	1.59	0.23
7.00	1.08	0.87	0.12	9.60	1.83	1.61	0.23
7.05	1.09	0.88	0.13	9.65	1.85	1.63	0.24
7.10	1.10	0.89	0.13	9.70	1.88	1.65	0.24
7.15	1.11	0.90	0.13	9.75	1.90	1.67	0.25
7.20	1.12	0.91	0.13	9.80	1.92	1.69	0.25
7.25	1.13	0.92	0.13	9.85	1.94	1.72	0.26
7.30	1.15	0.93	0.13	9.90	1.97	1.74	0.26
7.35	1.16	0.94	0.13	9.95	1.99	1.76	0.27
7.40	1.17	0.96	0.13	10.00	2.01	1.79	0.27
7.45	1.18	0.97	0.14	10.05	2.04	1.81	0.28
7.50	1.19	0.98	0.14	10.10	2.06	1.84	0.28
7.55	1.21	0.99	0.14	10.15	2.09	1.86	0.29
7.60	1.22	1.00	0.14	10.20	2.11	1.89	0.29
7.65	1.23	1.02	0.14	10.25	2.14	1.91	0.30
7.70	1.24	1.03	0.14	10.30	2.17	1.94	0.30
7.75	1.26	1.04	0.14	10.35	2.19	1.97	0.31

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.31	13.00	8.39	8.15	0.57
10.45	2.25	2.02	0.32	13.05	8.43	8.19	0.51
10.50	2.28	2.05	0.32	13.10	8.48	8.24	0.50
10.55	2.31	2.08	0.35	13.15	8.52	8.28	0.47
10.60	2.34	2.11	0.36	13.20	8.56	8.32	0.46
10.65	2.37	2.14	0.38	13.25	8.60	8.36	0.43
10.70	2.41	2.18	0.39	13.30	8.63	8.39	0.43
10.75	2.44	2.21	0.42	13.35	8.67	8.43	0.40
10.80	2.48	2.25	0.43	13.40	8.70	8.46	0.39
10.85	2.52	2.29	0.46	13.45	8.73	8.49	0.36
10.90	2.56	2.33	0.46	13.50	8.76	8.52	0.35
10.95	2.61	2.38	0.49	13.55	8.79	8.55	0.33
11.00	2.65	2.42	0.50	13.60	8.82	8.58	0.32
11.05	2.70	2.47	0.55	13.65	8.85	8.61	0.31
11.10	2.75	2.52	0.57	13.70	8.87	8.63	0.31
11.15	2.80	2.57	0.62	13.75	8.90	8.66	0.30
11.20	2.86	2.63	0.64	13.80	8.93	8.69	0.30
11.25	2.92	2.69	0.69	13.85	8.95	8.71	0.29
11.30	2.98	2.75	0.71	13.90	8.98	8.74	0.29
11.35	3.05	2.82	0.76	13.95	9.00	8.76	0.28
11.40	3.12	2.89	0.77	14.00	9.03	8.79	0.28
11.45	3.19	2.96	0.81	14.05	9.05	8.81	0.27
11.50	3.26	3.03	0.85	14.10	9.07	8.83	0.27
11.55	3.37	3.14	1.20	14.15	9.10	8.86	0.26
11.60	3.49	3.25	1.28	14.20	9.12	8.88	0.26
11.65	3.60	3.37	1.33	14.25	9.14	8.90	0.25
11.70	3.72	3.49	1.37	14.30	9.16	8.92	0.25
11.75	3.88	3.65	1.76	14.35	9.19	8.95	0.24
11.80	4.04	3.81	1.88	14.40	9.21	8.97	0.24
11.85	4.27	4.03	2.44	14.45	9.23	8.99	0.24
11.90	4.49	4.25	2.65	14.50	9.25	9.01	0.23
11.95	4.88	4.64	4.10	14.55	9.27	9.03	0.23
12.00	5.26	5.02	4.56	14.60	9.29	9.05	0.22
12.05	5.91	5.67	6.87	14.65	9.31	9.07	0.22
12.10	6.55	6.31	7.10	14.70	9.32	9.08	0.21
12.15	6.77	6.53	3.37	14.75	9.34	9.10	0.21
12.20	7.00	6.76	2.54	14.80	9.36	9.12	0.21
12.25	7.16	6.92	1.96	14.85	9.38	9.14	0.20
12.30	7.32	7.08	1.82	14.90	9.40	9.15	0.20
12.35	7.44	7.20	1.43	14.95	9.41	9.17	0.19
12.40	7.55	7.31	1.34	15.00	9.43	9.19	0.19
12.45	7.67	7.43	1.29	15.05	9.44	9.20	0.18
12.50	7.78	7.54	1.25	15.10	9.46	9.22	0.18
12.55	7.85	7.61	0.90	15.15	9.47	9.23	0.17
12.60	7.92	7.68	0.82	15.20	9.49	9.25	0.17
12.65	7.99	7.75	0.78	15.25	9.50	9.26	0.17
12.70	8.06	7.82	0.77	15.30	9.52	9.28	0.17
12.75	8.12	7.88	0.72	15.35	9.53	9.29	0.17
12.80	8.18	7.94	0.70	15.40	9.55	9.31	0.17
12.85	8.24	8.00	0.65	15.45	9.56	9.32	0.17
12.90	8.29	8.05	0.63	15.50	9.58	9.34	0.17
12.95	8.34	8.10	0.58	15.55	9.59	9.35	0.17

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.16	18.20	10.20	9.96	0.10
15.65	9.62	9.38	0.16	18.25	10.21	9.97	0.10
15.70	9.64	9.39	0.16	18.30	10.22	9.98	0.10
15.75	9.65	9.41	0.16	18.35	10.23	9.99	0.10
15.80	9.66	9.42	0.16	18.40	10.24	9.99	0.10
15.85	9.68	9.44	0.16	18.45	10.24	10.00	0.10
15.90	9.69	9.45	0.16	18.50	10.25	10.01	0.10
15.95	9.70	9.46	0.15	18.55	10.26	10.02	0.10
16.00	9.72	9.48	0.15	18.60	10.27	10.03	0.10
16.05	9.73	9.49	0.15	18.65	10.28	10.04	0.10
16.10	9.74	9.50	0.15	18.70	10.29	10.05	0.10
16.15	9.76	9.52	0.15	18.75	10.30	10.05	0.10
16.20	9.77	9.53	0.15	18.80	10.30	10.06	0.10
16.25	9.78	9.54	0.15	18.85	10.31	10.07	0.10
16.30	9.80	9.55	0.15	18.90	10.32	10.08	0.10
16.35	9.81	9.57	0.15	18.95	10.33	10.09	0.10
16.40	9.82	9.58	0.14	19.00	10.34	10.10	0.10
16.45	9.83	9.59	0.14	19.05	10.35	10.11	0.10
16.50	9.85	9.60	0.14	19.10	10.35	10.11	0.10
16.55	9.86	9.62	0.14	19.15	10.36	10.12	0.09
16.60	9.87	9.63	0.14	19.20	10.37	10.13	0.09
16.65	9.88	9.64	0.14	19.25	10.38	10.14	0.09
16.70	9.89	9.65	0.14	19.30	10.39	10.15	0.09
16.75	9.91	9.66	0.13	19.35	10.40	10.15	0.09
16.80	9.92	9.68	0.13	19.40	10.40	10.16	0.09
16.85	9.93	9.69	0.13	19.45	10.41	10.17	0.09
16.90	9.94	9.70	0.13	19.50	10.42	10.18	0.09
16.95	9.95	9.71	0.13	19.55	10.43	10.19	0.09
17.00	9.96	9.72	0.13	19.60	10.44	10.20	0.09
17.05	9.97	9.73	0.13	19.65	10.44	10.20	0.09
17.10	9.99	9.74	0.13	19.70	10.45	10.21	0.09
17.15	10.00	9.76	0.12	19.75	10.46	10.22	0.09
17.20	10.01	9.77	0.12	19.80	10.47	10.23	0.09
17.25	10.02	9.78	0.12	19.85	10.48	10.24	0.09
17.30	10.03	9.79	0.12	19.90	10.48	10.24	0.09
17.35	10.04	9.80	0.12	19.95	10.49	10.25	0.09
17.40	10.05	9.81	0.12	20.00	10.50	10.26	0.09
17.45	10.06	9.82	0.12	20.05	10.51	10.27	0.09
17.50	10.07	9.83	0.12	20.10	10.52	10.27	0.09
17.55	10.08	9.84	0.11	20.15	10.52	10.28	0.09
17.60	10.09	9.85	0.11	20.20	10.53	10.29	0.09
17.65	10.10	9.86	0.11	20.25	10.54	10.30	0.09
17.70	10.11	9.87	0.11	20.30	10.55	10.31	0.09
17.75	10.12	9.88	0.11	20.35	10.55	10.31	0.09
17.80	10.13	9.89	0.11	20.40	10.56	10.32	0.09
17.85	10.14	9.90	0.11	20.45	10.57	10.33	0.09
17.90	10.15	9.91	0.11	20.50	10.58	10.34	0.09
17.95	10.16	9.92	0.10	20.55	10.58	10.34	0.09
18.00	10.17	9.92	0.10	20.60	10.59	10.35	0.09
18.05	10.17	9.93	0.10	20.65	10.60	10.36	0.09
18.10	10.18	9.94	0.10	20.70	10.61	10.37	0.09
18.15	10.19	9.95	0.10	20.75	10.61	10.37	0.08

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.08	23.40	10.97	10.73	0.07
20.85	10.63	10.39	0.08	23.45	10.97	10.73	0.07
20.90	10.64	10.39	0.08	23.50	10.98	10.74	0.07
20.95	10.64	10.40	0.08	23.55	10.99	10.74	0.07
21.00	10.65	10.41	0.08	23.60	10.99	10.75	0.07
21.05	10.66	10.42	0.08	23.65	11.00	10.76	0.07
21.10	10.66	10.42	0.08	23.70	11.00	10.76	0.07
21.15	10.67	10.43	0.08	23.75	11.01	10.77	0.07
21.20	10.68	10.44	0.08	23.80	11.01	10.77	0.07
21.25	10.69	10.45	0.08	23.85	11.02	10.78	0.07
21.30	10.69	10.45	0.08	23.90	11.03	10.78	0.07
21.35	10.70	10.46	0.08	23.95	11.03	10.79	0.08
21.40	10.71	10.47	0.08	24.00	11.04	10.80	0.08
21.45	10.71	10.47	0.08	24.05	11.04	10.80	0.01
21.50	10.72	10.48	0.08	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.08	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.08	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.08	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.08	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.08	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.08	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.08	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.08	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.08	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.08	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.08	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.08	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.08	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.08	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.08	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.08	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.07	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.07	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.07	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.07	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.07	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.07	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.07	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.07	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.07	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.07	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.07	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.07	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.07	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.07	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.07	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.07	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.07	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.07	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.07	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.07	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.07	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 4S: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 5S: PDA-36A (pervious)

Runoff = 3.92 cfs @ 12.10 hrs, Volume= 0.249 af, Depth= 7.72"
 Routed to Pond 2P : Underground Storage

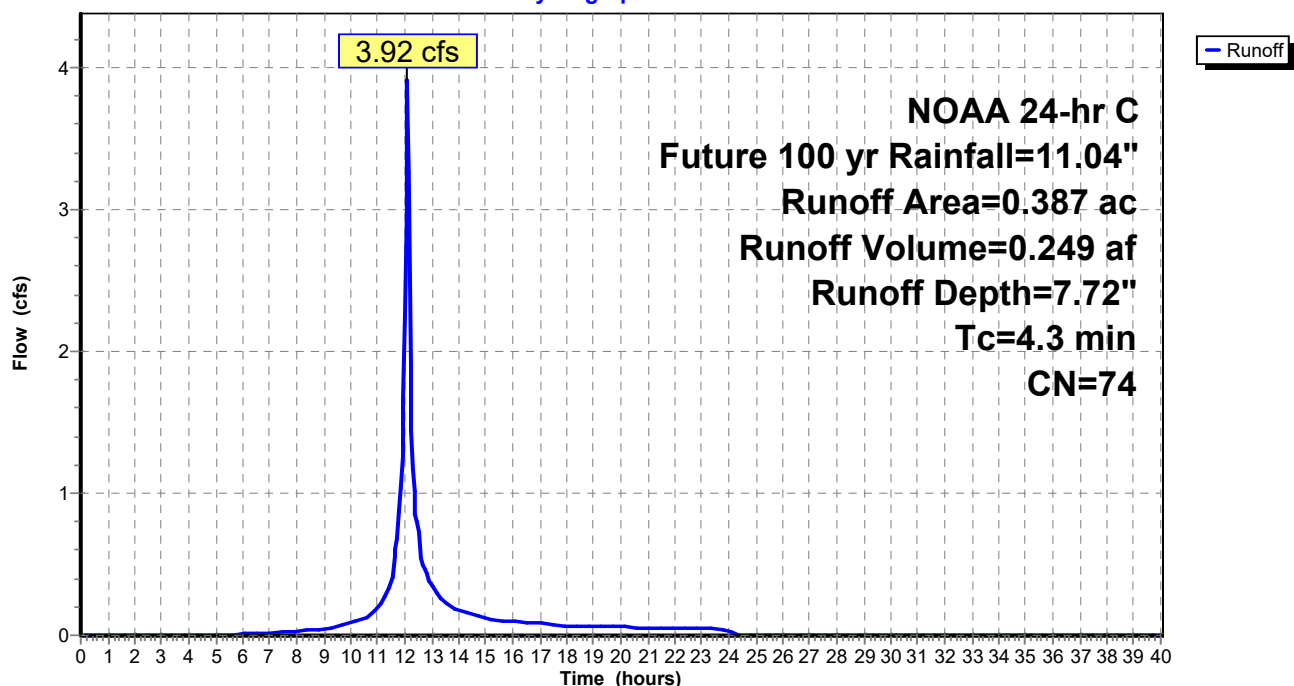
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.387	74	>75% Grass cover, Good, HSG C
0.387		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 5S: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 5S: PDA-36A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.03
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.03
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.03
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.03
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.03
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.03
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.03
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.03
5.60	0.80	0.00	0.00	8.20	1.38	0.11	0.03
5.65	0.81	0.00	0.00	8.25	1.39	0.11	0.03
5.70	0.82	0.00	0.00	8.30	1.40	0.12	0.03
5.75	0.83	0.00	0.00	8.35	1.42	0.12	0.03
5.80	0.84	0.01	0.00	8.40	1.43	0.13	0.03
5.85	0.85	0.01	0.00	8.45	1.45	0.13	0.03
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.04
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.04
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.04
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.04
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.04
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.04
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.04
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.04
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.04
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.04
6.40	0.95	0.02	0.01	9.00	1.61	0.19	0.04
6.45	0.96	0.02	0.01	9.05	1.63	0.19	0.05
6.50	0.97	0.02	0.01	9.10	1.64	0.20	0.05
6.55	0.98	0.02	0.01	9.15	1.66	0.21	0.05
6.60	0.99	0.02	0.01	9.20	1.68	0.21	0.05
6.65	1.00	0.02	0.01	9.25	1.70	0.22	0.05
6.70	1.01	0.02	0.01	9.30	1.72	0.23	0.05
6.75	1.02	0.03	0.01	9.35	1.73	0.23	0.06
6.80	1.03	0.03	0.01	9.40	1.75	0.24	0.06
6.85	1.04	0.03	0.01	9.45	1.77	0.25	0.06
6.90	1.05	0.03	0.01	9.50	1.79	0.26	0.06
6.95	1.07	0.03	0.01	9.55	1.81	0.27	0.06
7.00	1.08	0.04	0.02	9.60	1.83	0.28	0.07
7.05	1.09	0.04	0.02	9.65	1.85	0.28	0.07
7.10	1.10	0.04	0.02	9.70	1.88	0.29	0.07
7.15	1.11	0.04	0.02	9.75	1.90	0.30	0.07
7.20	1.12	0.04	0.02	9.80	1.92	0.31	0.08
7.25	1.13	0.05	0.02	9.85	1.94	0.32	0.08
7.30	1.15	0.05	0.02	9.90	1.97	0.33	0.08
7.35	1.16	0.05	0.02	9.95	1.99	0.34	0.08
7.40	1.17	0.05	0.02	10.00	2.01	0.36	0.09
7.45	1.18	0.06	0.02	10.05	2.04	0.37	0.09
7.50	1.19	0.06	0.02	10.10	2.06	0.38	0.09
7.55	1.21	0.06	0.02	10.15	2.09	0.39	0.09
7.60	1.22	0.07	0.02	10.20	2.11	0.40	0.10
7.65	1.23	0.07	0.02	10.25	2.14	0.42	0.10
7.70	1.24	0.07	0.02	10.30	2.17	0.43	0.10
7.75	1.26	0.08	0.02	10.35	2.19	0.44	0.10

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.11	13.00	8.39	5.28	0.36
10.45	2.25	0.47	0.11	13.05	8.43	5.32	0.34
10.50	2.28	0.49	0.11	13.10	8.48	5.36	0.31
10.55	2.31	0.50	0.12	13.15	8.52	5.39	0.30
10.60	2.34	0.52	0.13	13.20	8.56	5.43	0.29
10.65	2.37	0.54	0.13	13.25	8.60	5.46	0.28
10.70	2.41	0.56	0.14	13.30	8.63	5.50	0.27
10.75	2.44	0.58	0.15	13.35	8.67	5.53	0.26
10.80	2.48	0.60	0.16	13.40	8.70	5.56	0.25
10.85	2.52	0.62	0.17	13.45	8.73	5.59	0.24
10.90	2.56	0.64	0.18	13.50	8.76	5.61	0.22
10.95	2.61	0.67	0.19	13.55	8.79	5.64	0.21
11.00	2.65	0.69	0.20	13.60	8.82	5.67	0.20
11.05	2.70	0.72	0.21	13.65	8.85	5.69	0.20
11.10	2.75	0.75	0.23	13.70	8.87	5.71	0.19
11.15	2.80	0.79	0.24	13.75	8.90	5.74	0.19
11.20	2.86	0.82	0.26	13.80	8.93	5.76	0.19
11.25	2.92	0.86	0.28	13.85	8.95	5.79	0.18
11.30	2.98	0.90	0.29	13.90	8.98	5.81	0.18
11.35	3.05	0.94	0.31	13.95	9.00	5.83	0.18
11.40	3.12	0.98	0.33	14.00	9.03	5.85	0.18
11.45	3.19	1.03	0.35	14.05	9.05	5.88	0.17
11.50	3.26	1.08	0.37	14.10	9.07	5.90	0.17
11.55	3.37	1.15	0.44	14.15	9.10	5.92	0.17
11.60	3.49	1.23	0.56	14.20	9.12	5.94	0.16
11.65	3.60	1.31	0.60	14.25	9.14	5.96	0.16
11.70	3.72	1.39	0.63	14.30	9.16	5.98	0.16
11.75	3.88	1.51	0.73	14.35	9.19	6.00	0.16
11.80	4.04	1.63	0.87	14.40	9.21	6.02	0.15
11.85	4.27	1.79	1.04	14.45	9.23	6.04	0.15
11.90	4.49	1.96	1.26	14.50	9.25	6.06	0.15
11.95	4.88	2.27	1.66	14.55	9.27	6.07	0.14
12.00	5.26	2.57	2.23	14.60	9.29	6.09	0.14
12.05	5.91	3.11	2.97	14.65	9.31	6.11	0.14
12.10	6.55	3.65	3.91	14.70	9.32	6.13	0.14
12.15	6.77	3.85	3.26	14.75	9.34	6.14	0.13
12.20	7.00	4.04	1.91	14.80	9.36	6.16	0.13
12.25	7.16	4.18	1.44	14.85	9.38	6.17	0.13
12.30	7.32	4.32	1.17	14.90	9.40	6.19	0.12
12.35	7.44	4.43	1.01	14.95	9.41	6.21	0.12
12.40	7.55	4.53	0.85	15.00	9.43	6.22	0.12
12.45	7.67	4.63	0.80	15.05	9.44	6.23	0.11
12.50	7.78	4.73	0.78	15.10	9.46	6.25	0.11
12.55	7.85	4.79	0.68	15.15	9.47	6.26	0.11
12.60	7.92	4.86	0.54	15.20	9.49	6.28	0.11
12.65	7.99	4.92	0.50	15.25	9.50	6.29	0.11
12.70	8.06	4.98	0.48	15.30	9.52	6.30	0.11
12.75	8.12	5.03	0.46	15.35	9.53	6.32	0.11
12.80	8.18	5.09	0.44	15.40	9.55	6.33	0.11
12.85	8.24	5.14	0.42	15.45	9.56	6.34	0.11
12.90	8.29	5.19	0.40	15.50	9.58	6.36	0.10
12.95	8.34	5.23	0.38	15.55	9.59	6.37	0.10

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.10	18.20	10.20	6.93	0.06
15.65	9.62	6.40	0.10	18.25	10.21	6.94	0.06
15.70	9.64	6.41	0.10	18.30	10.22	6.95	0.06
15.75	9.65	6.42	0.10	18.35	10.23	6.96	0.06
15.80	9.66	6.44	0.10	18.40	10.24	6.97	0.06
15.85	9.68	6.45	0.10	18.45	10.24	6.97	0.06
15.90	9.69	6.46	0.10	18.50	10.25	6.98	0.06
15.95	9.70	6.47	0.10	18.55	10.26	6.99	0.06
16.00	9.72	6.49	0.10	18.60	10.27	7.00	0.06
16.05	9.73	6.50	0.10	18.65	10.28	7.01	0.06
16.10	9.74	6.51	0.10	18.70	10.29	7.01	0.06
16.15	9.76	6.52	0.10	18.75	10.30	7.02	0.06
16.20	9.77	6.54	0.09	18.80	10.30	7.03	0.06
16.25	9.78	6.55	0.09	18.85	10.31	7.04	0.06
16.30	9.80	6.56	0.09	18.90	10.32	7.04	0.06
16.35	9.81	6.57	0.09	18.95	10.33	7.05	0.06
16.40	9.82	6.58	0.09	19.00	10.34	7.06	0.06
16.45	9.83	6.59	0.09	19.05	10.35	7.07	0.06
16.50	9.85	6.60	0.09	19.10	10.35	7.08	0.06
16.55	9.86	6.62	0.09	19.15	10.36	7.08	0.06
16.60	9.87	6.63	0.09	19.20	10.37	7.09	0.06
16.65	9.88	6.64	0.09	19.25	10.38	7.10	0.06
16.70	9.89	6.65	0.09	19.30	10.39	7.11	0.06
16.75	9.91	6.66	0.09	19.35	10.40	7.11	0.06
16.80	9.92	6.67	0.08	19.40	10.40	7.12	0.06
16.85	9.93	6.68	0.08	19.45	10.41	7.13	0.06
16.90	9.94	6.69	0.08	19.50	10.42	7.14	0.06
16.95	9.95	6.70	0.08	19.55	10.43	7.14	0.06
17.00	9.96	6.71	0.08	19.60	10.44	7.15	0.06
17.05	9.97	6.72	0.08	19.65	10.44	7.16	0.06
17.10	9.99	6.73	0.08	19.70	10.45	7.17	0.06
17.15	10.00	6.74	0.08	19.75	10.46	7.17	0.06
17.20	10.01	6.75	0.08	19.80	10.47	7.18	0.06
17.25	10.02	6.76	0.08	19.85	10.48	7.19	0.06
17.30	10.03	6.77	0.08	19.90	10.48	7.20	0.06
17.35	10.04	6.78	0.08	19.95	10.49	7.20	0.06
17.40	10.05	6.79	0.08	20.00	10.50	7.21	0.06
17.45	10.06	6.80	0.07	20.05	10.51	7.22	0.06
17.50	10.07	6.81	0.07	20.10	10.52	7.23	0.06
17.55	10.08	6.82	0.07	20.15	10.52	7.23	0.06
17.60	10.09	6.83	0.07	20.20	10.53	7.24	0.06
17.65	10.10	6.84	0.07	20.25	10.54	7.25	0.06
17.70	10.11	6.85	0.07	20.30	10.55	7.25	0.06
17.75	10.12	6.86	0.07	20.35	10.55	7.26	0.06
17.80	10.13	6.87	0.07	20.40	10.56	7.27	0.06
17.85	10.14	6.87	0.07	20.45	10.57	7.28	0.06
17.90	10.15	6.88	0.07	20.50	10.58	7.28	0.06
17.95	10.16	6.89	0.07	20.55	10.58	7.29	0.05
18.00	10.17	6.90	0.07	20.60	10.59	7.30	0.05
18.05	10.17	6.91	0.07	20.65	10.60	7.30	0.05
18.10	10.18	6.92	0.06	20.70	10.61	7.31	0.05
18.15	10.19	6.92	0.06	20.75	10.61	7.32	0.05

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.05	23.40	10.97	7.65	0.04
20.85	10.63	7.33	0.05	23.45	10.97	7.65	0.04
20.90	10.64	7.34	0.05	23.50	10.98	7.66	0.04
20.95	10.64	7.34	0.05	23.55	10.99	7.66	0.04
21.00	10.65	7.35	0.05	23.60	10.99	7.67	0.04
21.05	10.66	7.36	0.05	23.65	11.00	7.67	0.04
21.10	10.66	7.36	0.05	23.70	11.00	7.68	0.04
21.15	10.67	7.37	0.05	23.75	11.01	7.69	0.04
21.20	10.68	7.38	0.05	23.80	11.01	7.69	0.04
21.25	10.69	7.38	0.05	23.85	11.02	7.70	0.04
21.30	10.69	7.39	0.05	23.90	11.03	7.70	0.04
21.35	10.70	7.40	0.05	23.95	11.03	7.71	0.04
21.40	10.71	7.40	0.05	24.00	11.04	7.72	0.05
21.45	10.71	7.41	0.05	24.05	11.04	7.72	0.03
21.50	10.72	7.42	0.05	24.10	11.04	7.72	0.01
21.55	10.73	7.42	0.05	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.05	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.05	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.05	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.05	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.05	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.05	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.05	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.05	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.05	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.05	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.05	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.05	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.05	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.05	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.05	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.05	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.05	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.05	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.05	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.05	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.05	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.05	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.05	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.05	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.05	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.05	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.05	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.05	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.05	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.05	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.04	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.04	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.04	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.04	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.04	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.04	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 5S: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 29I: PDA-29 (impervious)

Runoff = 4.67 cfs @ 12.10 hrs, Volume= 0.338 af, Depth=10.80"
 Routed to Pond B-29 : Basin #29

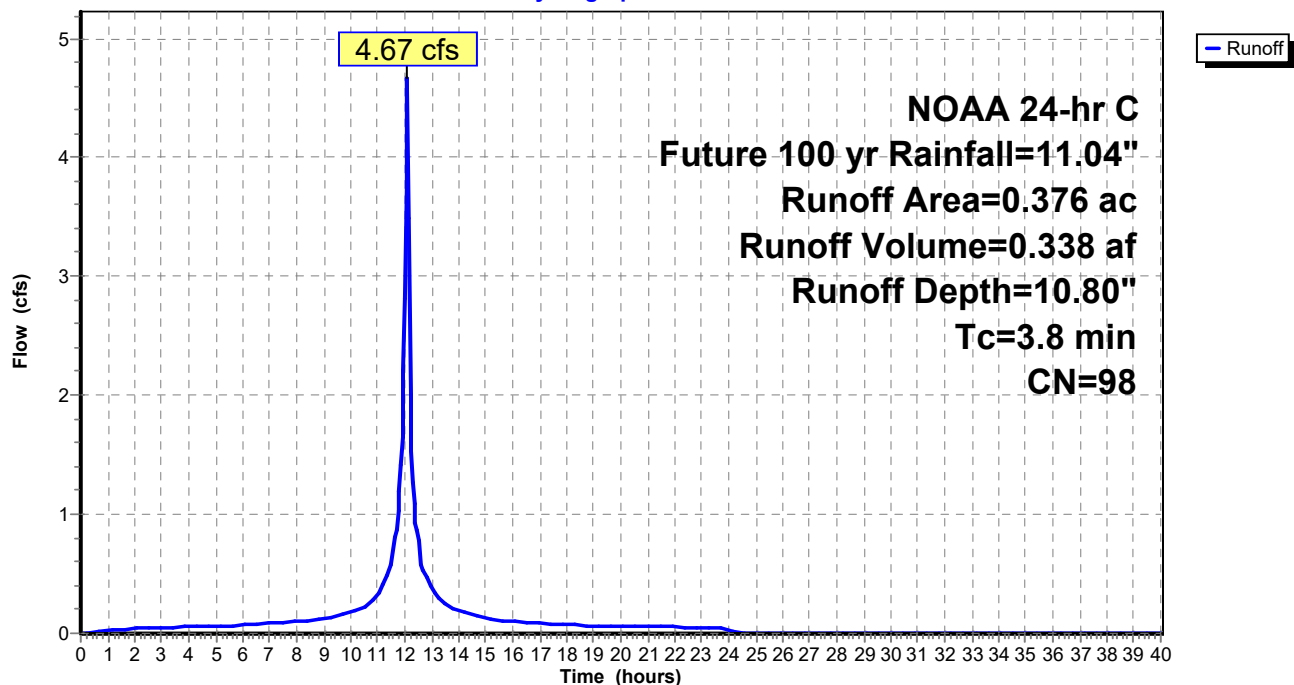
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.342	98	Pavement, HSG C
* 0.034	98	Concrete, HSC C
0.376	98	Weighted Average
0.376		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.8					Direct Entry,

Subcatchment 29I: PDA-29 (impervious)

Hydrograph



Hydrograph for Subcatchment 29I: PDA-29 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.04
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.04
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.04
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.05
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.05
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.05
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.05
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.05
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.05
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.05
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.05
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.05
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.05
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.05
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.05
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.05
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.05
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.05
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.05
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.05
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.05
1.05	0.13	0.03	0.02	3.65	0.49	0.31	0.05
1.10	0.13	0.03	0.02	3.70	0.49	0.31	0.05
1.15	0.14	0.03	0.02	3.75	0.50	0.32	0.05
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.05
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.05
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.05
1.35	0.16	0.05	0.03	3.95	0.53	0.35	0.05
1.40	0.17	0.05	0.03	4.00	0.54	0.35	0.05
1.45	0.18	0.05	0.03	4.05	0.55	0.36	0.05
1.50	0.18	0.06	0.03	4.10	0.56	0.37	0.05
1.55	0.19	0.06	0.03	4.15	0.56	0.38	0.05
1.60	0.20	0.07	0.03	4.20	0.57	0.38	0.06
1.65	0.20	0.07	0.03	4.25	0.58	0.39	0.06
1.70	0.21	0.08	0.03	4.30	0.59	0.40	0.06
1.75	0.22	0.08	0.03	4.35	0.60	0.41	0.06
1.80	0.22	0.09	0.04	4.40	0.60	0.41	0.06
1.85	0.23	0.09	0.04	4.45	0.61	0.42	0.06
1.90	0.24	0.10	0.04	4.50	0.62	0.43	0.06
1.95	0.24	0.10	0.04	4.55	0.63	0.44	0.06
2.00	0.25	0.11	0.04	4.60	0.64	0.44	0.06
2.05	0.26	0.11	0.04	4.65	0.64	0.45	0.06
2.10	0.26	0.12	0.04	4.70	0.65	0.46	0.06
2.15	0.27	0.12	0.04	4.75	0.66	0.47	0.06
2.20	0.28	0.13	0.04	4.80	0.67	0.47	0.06
2.25	0.28	0.13	0.04	4.85	0.68	0.48	0.06
2.30	0.29	0.14	0.04	4.90	0.69	0.49	0.06
2.35	0.30	0.14	0.04	4.95	0.69	0.50	0.06
2.40	0.30	0.15	0.04	5.00	0.70	0.51	0.06
2.45	0.31	0.15	0.04	5.05	0.71	0.51	0.06
2.50	0.32	0.16	0.04	5.10	0.72	0.52	0.06
2.55	0.33	0.17	0.04	5.15	0.73	0.53	0.06

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.06	7.80	1.27	1.05	0.09
5.25	0.74	0.55	0.06	7.85	1.28	1.07	0.10
5.30	0.75	0.55	0.06	7.90	1.30	1.08	0.10
5.35	0.76	0.56	0.06	7.95	1.31	1.09	0.10
5.40	0.77	0.57	0.06	8.00	1.32	1.11	0.10
5.45	0.78	0.58	0.06	8.05	1.34	1.12	0.10
5.50	0.79	0.59	0.06	8.10	1.35	1.13	0.10
5.55	0.80	0.59	0.06	8.15	1.36	1.15	0.10
5.60	0.80	0.60	0.06	8.20	1.38	1.16	0.10
5.65	0.81	0.61	0.06	8.25	1.39	1.17	0.10
5.70	0.82	0.62	0.06	8.30	1.40	1.19	0.10
5.75	0.83	0.63	0.06	8.35	1.42	1.20	0.10
5.80	0.84	0.64	0.06	8.40	1.43	1.21	0.11
5.85	0.85	0.64	0.06	8.45	1.45	1.23	0.11
5.90	0.86	0.65	0.06	8.50	1.46	1.24	0.11
5.95	0.87	0.66	0.06	8.55	1.48	1.26	0.11
6.00	0.87	0.67	0.06	8.60	1.49	1.27	0.11
6.05	0.88	0.68	0.07	8.65	1.51	1.29	0.11
6.10	0.89	0.69	0.07	8.70	1.52	1.30	0.11
6.15	0.90	0.70	0.07	8.75	1.54	1.32	0.11
6.20	0.91	0.71	0.07	8.80	1.55	1.33	0.11
6.25	0.92	0.71	0.07	8.85	1.57	1.35	0.11
6.30	0.93	0.72	0.07	8.90	1.58	1.36	0.11
6.35	0.94	0.73	0.07	8.95	1.60	1.38	0.11
6.40	0.95	0.74	0.07	9.00	1.61	1.39	0.12
6.45	0.96	0.75	0.07	9.05	1.63	1.41	0.12
6.50	0.97	0.76	0.07	9.10	1.64	1.42	0.12
6.55	0.98	0.77	0.07	9.15	1.66	1.44	0.12
6.60	0.99	0.78	0.07	9.20	1.68	1.46	0.13
6.65	1.00	0.79	0.08	9.25	1.70	1.47	0.13
6.70	1.01	0.80	0.08	9.30	1.72	1.49	0.13
6.75	1.02	0.81	0.08	9.35	1.73	1.51	0.14
6.80	1.03	0.82	0.08	9.40	1.75	1.53	0.14
6.85	1.04	0.83	0.08	9.45	1.77	1.55	0.14
6.90	1.05	0.84	0.08	9.50	1.79	1.57	0.15
6.95	1.07	0.85	0.08	9.55	1.81	1.59	0.15
7.00	1.08	0.87	0.08	9.60	1.83	1.61	0.15
7.05	1.09	0.88	0.08	9.65	1.85	1.63	0.16
7.10	1.10	0.89	0.08	9.70	1.88	1.65	0.16
7.15	1.11	0.90	0.08	9.75	1.90	1.67	0.16
7.20	1.12	0.91	0.09	9.80	1.92	1.69	0.17
7.25	1.13	0.92	0.09	9.85	1.94	1.72	0.17
7.30	1.15	0.93	0.09	9.90	1.97	1.74	0.17
7.35	1.16	0.94	0.09	9.95	1.99	1.76	0.17
7.40	1.17	0.96	0.09	10.00	2.01	1.79	0.18
7.45	1.18	0.97	0.09	10.05	2.04	1.81	0.18
7.50	1.19	0.98	0.09	10.10	2.06	1.84	0.18
7.55	1.21	0.99	0.09	10.15	2.09	1.86	0.19
7.60	1.22	1.00	0.09	10.20	2.11	1.89	0.19
7.65	1.23	1.02	0.09	10.25	2.14	1.91	0.19
7.70	1.24	1.03	0.09	10.30	2.17	1.94	0.20
7.75	1.26	1.04	0.09	10.35	2.19	1.97	0.20

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.20	13.00	8.39	8.15	0.38
10.45	2.25	2.02	0.21	13.05	8.43	8.19	0.36
10.50	2.28	2.05	0.21	13.10	8.48	8.24	0.34
10.55	2.31	2.08	0.22	13.15	8.52	8.28	0.32
10.60	2.34	2.11	0.23	13.20	8.56	8.32	0.31
10.65	2.37	2.14	0.24	13.25	8.60	8.36	0.30
10.70	2.41	2.18	0.26	13.30	8.63	8.39	0.29
10.75	2.44	2.21	0.27	13.35	8.67	8.43	0.27
10.80	2.48	2.25	0.28	13.40	8.70	8.46	0.26
10.85	2.52	2.29	0.29	13.45	8.73	8.49	0.25
10.90	2.56	2.33	0.30	13.50	8.76	8.52	0.24
10.95	2.61	2.38	0.32	13.55	8.79	8.55	0.23
11.00	2.65	2.42	0.33	13.60	8.82	8.58	0.21
11.05	2.70	2.47	0.35	13.65	8.85	8.61	0.21
11.10	2.75	2.52	0.37	13.70	8.87	8.63	0.21
11.15	2.80	2.57	0.39	13.75	8.90	8.66	0.20
11.20	2.86	2.63	0.42	13.80	8.93	8.69	0.20
11.25	2.92	2.69	0.44	13.85	8.95	8.71	0.20
11.30	2.98	2.75	0.46	13.90	8.98	8.74	0.19
11.35	3.05	2.82	0.48	13.95	9.00	8.76	0.19
11.40	3.12	2.89	0.51	14.00	9.03	8.79	0.19
11.45	3.19	2.96	0.52	14.05	9.05	8.81	0.18
11.50	3.26	3.03	0.54	14.10	9.07	8.83	0.18
11.55	3.37	3.14	0.67	14.15	9.10	8.86	0.18
11.60	3.49	3.25	0.81	14.20	9.12	8.88	0.17
11.65	3.60	3.37	0.86	14.25	9.14	8.90	0.17
11.70	3.72	3.49	0.89	14.30	9.16	8.92	0.17
11.75	3.88	3.65	1.03	14.35	9.19	8.95	0.16
11.80	4.04	3.81	1.19	14.40	9.21	8.97	0.16
11.85	4.27	4.03	1.42	14.45	9.23	8.99	0.16
11.90	4.49	4.25	1.65	14.50	9.25	9.01	0.16
11.95	4.88	4.64	2.21	14.55	9.27	9.03	0.15
12.00	5.26	5.02	2.81	14.60	9.29	9.05	0.15
12.05	5.91	5.67	3.75	14.65	9.31	9.07	0.15
12.10	6.55	6.31	4.67	14.70	9.32	9.08	0.14
12.15	6.77	6.53	3.49	14.75	9.34	9.10	0.14
12.20	7.00	6.76	2.00	14.80	9.36	9.12	0.14
12.25	7.16	6.92	1.53	14.85	9.38	9.14	0.13
12.30	7.32	7.08	1.27	14.90	9.40	9.15	0.13
12.35	7.44	7.20	1.08	14.95	9.41	9.17	0.13
12.40	7.55	7.31	0.92	15.00	9.43	9.19	0.12
12.45	7.67	7.43	0.88	15.05	9.44	9.20	0.12
12.50	7.78	7.54	0.85	15.10	9.46	9.22	0.12
12.55	7.85	7.61	0.72	15.15	9.47	9.23	0.12
12.60	7.92	7.68	0.57	15.20	9.49	9.25	0.12
12.65	7.99	7.75	0.54	15.25	9.50	9.26	0.11
12.70	8.06	7.82	0.51	15.30	9.52	9.28	0.11
12.75	8.12	7.88	0.49	15.35	9.53	9.29	0.11
12.80	8.18	7.94	0.47	15.40	9.55	9.31	0.11
12.85	8.24	8.00	0.45	15.45	9.56	9.32	0.11
12.90	8.29	8.05	0.43	15.50	9.58	9.34	0.11
12.95	8.34	8.10	0.40	15.55	9.59	9.35	0.11

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.11	18.20	10.20	9.96	0.07
15.65	9.62	9.38	0.11	18.25	10.21	9.97	0.07
15.70	9.64	9.39	0.11	18.30	10.22	9.98	0.07
15.75	9.65	9.41	0.11	18.35	10.23	9.99	0.07
15.80	9.66	9.42	0.11	18.40	10.24	9.99	0.07
15.85	9.68	9.44	0.10	18.45	10.24	10.00	0.07
15.90	9.69	9.45	0.10	18.50	10.25	10.01	0.07
15.95	9.70	9.46	0.10	18.55	10.26	10.02	0.07
16.00	9.72	9.48	0.10	18.60	10.27	10.03	0.07
16.05	9.73	9.49	0.10	18.65	10.28	10.04	0.07
16.10	9.74	9.50	0.10	18.70	10.29	10.05	0.06
16.15	9.76	9.52	0.10	18.75	10.30	10.05	0.06
16.20	9.77	9.53	0.10	18.80	10.30	10.06	0.06
16.25	9.78	9.54	0.10	18.85	10.31	10.07	0.06
16.30	9.80	9.55	0.10	18.90	10.32	10.08	0.06
16.35	9.81	9.57	0.10	18.95	10.33	10.09	0.06
16.40	9.82	9.58	0.10	19.00	10.34	10.10	0.06
16.45	9.83	9.59	0.09	19.05	10.35	10.11	0.06
16.50	9.85	9.60	0.09	19.10	10.35	10.11	0.06
16.55	9.86	9.62	0.09	19.15	10.36	10.12	0.06
16.60	9.87	9.63	0.09	19.20	10.37	10.13	0.06
16.65	9.88	9.64	0.09	19.25	10.38	10.14	0.06
16.70	9.89	9.65	0.09	19.30	10.39	10.15	0.06
16.75	9.91	9.66	0.09	19.35	10.40	10.15	0.06
16.80	9.92	9.68	0.09	19.40	10.40	10.16	0.06
16.85	9.93	9.69	0.09	19.45	10.41	10.17	0.06
16.90	9.94	9.70	0.09	19.50	10.42	10.18	0.06
16.95	9.95	9.71	0.09	19.55	10.43	10.19	0.06
17.00	9.96	9.72	0.09	19.60	10.44	10.20	0.06
17.05	9.97	9.73	0.09	19.65	10.44	10.20	0.06
17.10	9.99	9.74	0.08	19.70	10.45	10.21	0.06
17.15	10.00	9.76	0.08	19.75	10.46	10.22	0.06
17.20	10.01	9.77	0.08	19.80	10.47	10.23	0.06
17.25	10.02	9.78	0.08	19.85	10.48	10.24	0.06
17.30	10.03	9.79	0.08	19.90	10.48	10.24	0.06
17.35	10.04	9.80	0.08	19.95	10.49	10.25	0.06
17.40	10.05	9.81	0.08	20.00	10.50	10.26	0.06
17.45	10.06	9.82	0.08	20.05	10.51	10.27	0.06
17.50	10.07	9.83	0.08	20.10	10.52	10.27	0.06
17.55	10.08	9.84	0.08	20.15	10.52	10.28	0.06
17.60	10.09	9.85	0.08	20.20	10.53	10.29	0.06
17.65	10.10	9.86	0.08	20.25	10.54	10.30	0.06
17.70	10.11	9.87	0.07	20.30	10.55	10.31	0.06
17.75	10.12	9.88	0.07	20.35	10.55	10.31	0.06
17.80	10.13	9.89	0.07	20.40	10.56	10.32	0.06
17.85	10.14	9.90	0.07	20.45	10.57	10.33	0.06
17.90	10.15	9.91	0.07	20.50	10.58	10.34	0.06
17.95	10.16	9.92	0.07	20.55	10.58	10.34	0.06
18.00	10.17	9.92	0.07	20.60	10.59	10.35	0.06
18.05	10.17	9.93	0.07	20.65	10.60	10.36	0.06
18.10	10.18	9.94	0.07	20.70	10.61	10.37	0.06
18.15	10.19	9.95	0.07	20.75	10.61	10.37	0.06

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.06	23.40	10.97	10.73	0.05
20.85	10.63	10.39	0.06	23.45	10.97	10.73	0.05
20.90	10.64	10.39	0.06	23.50	10.98	10.74	0.04
20.95	10.64	10.40	0.06	23.55	10.99	10.74	0.04
21.00	10.65	10.41	0.06	23.60	10.99	10.75	0.04
21.05	10.66	10.42	0.06	23.65	11.00	10.76	0.04
21.10	10.66	10.42	0.05	23.70	11.00	10.76	0.04
21.15	10.67	10.43	0.05	23.75	11.01	10.77	0.04
21.20	10.68	10.44	0.05	23.80	11.01	10.77	0.04
21.25	10.69	10.45	0.05	23.85	11.02	10.78	0.04
21.30	10.69	10.45	0.05	23.90	11.03	10.78	0.04
21.35	10.70	10.46	0.05	23.95	11.03	10.79	0.05
21.40	10.71	10.47	0.05	24.00	11.04	10.80	0.05
21.45	10.71	10.47	0.05	24.05	11.04	10.80	0.03
21.50	10.72	10.48	0.05	24.10	11.04	10.80	0.01
21.55	10.73	10.49	0.05	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.05	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.05	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.05	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.05	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.05	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.05	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.05	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.05	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.05	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.05	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.05	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.05	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.05	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.05	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.05	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.05	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.05	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.05	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.05	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.05	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.05	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.05	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.05	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.05	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.05	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.05	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.05	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.05	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.05	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.05	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.05	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.05	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.05	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.05	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.05	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.05	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 29I: PDA-29 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 29P: PDA-29 (pervious)

Runoff = 7.63 cfs @ 12.09 hrs, Volume= 0.451 af, Depth= 7.72"
 Routed to Pond B-29 : Basin #29

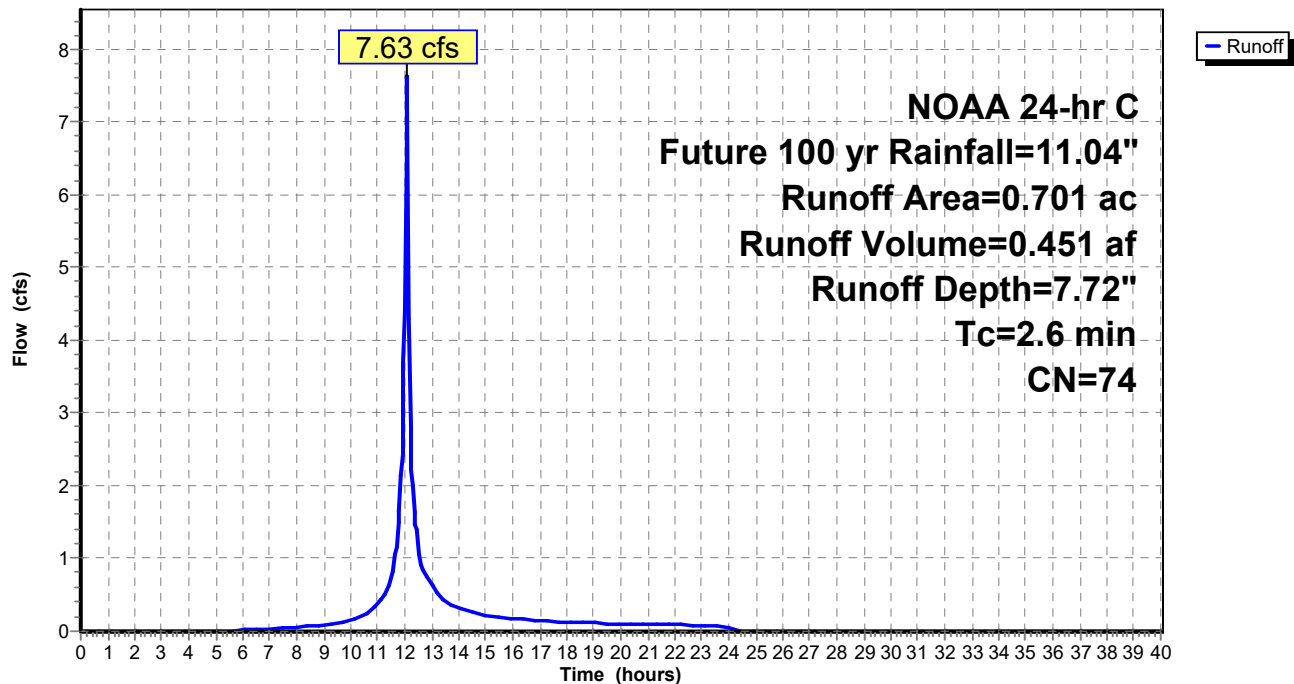
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.701	74	>75% Grass cover, Good, HSG C
0.701		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.6					Direct Entry,

Subcatchment 29P: PDA-29 (pervious)

Hydrograph



Hydrograph for Subcatchment 29P: PDA-29 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.05
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.05
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.05
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.05
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.05
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.05
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.05
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.06
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.06
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.06
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.06
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.06
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.06
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.06
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.07
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.07
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.07
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.07
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.07
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.07
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.07
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.08
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.08
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.08
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.08
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.08
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.09
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.09
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.09
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.10
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.10
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.10
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.11
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.11
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.11
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.12
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.12
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.13
7.10	1.10	0.04	0.03	9.70	1.88	0.29	0.13
7.15	1.11	0.04	0.03	9.75	1.90	0.30	0.14
7.20	1.12	0.04	0.03	9.80	1.92	0.31	0.14
7.25	1.13	0.05	0.03	9.85	1.94	0.32	0.14
7.30	1.15	0.05	0.03	9.90	1.97	0.33	0.15
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.15
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.16
7.45	1.18	0.06	0.04	10.05	2.04	0.37	0.16
7.50	1.19	0.06	0.04	10.10	2.06	0.38	0.17
7.55	1.21	0.06	0.04	10.15	2.09	0.39	0.17
7.60	1.22	0.07	0.04	10.20	2.11	0.40	0.18
7.65	1.23	0.07	0.04	10.25	2.14	0.42	0.18
7.70	1.24	0.07	0.04	10.30	2.17	0.43	0.18
7.75	1.26	0.08	0.05	10.35	2.19	0.44	0.19

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.19	13.00	8.39	5.28	0.63
10.45	2.25	0.47	0.20	13.05	8.43	5.32	0.58
10.50	2.28	0.49	0.21	13.10	8.48	5.36	0.56
10.55	2.31	0.50	0.22	13.15	8.52	5.39	0.53
10.60	2.34	0.52	0.23	13.20	8.56	5.43	0.52
10.65	2.37	0.54	0.25	13.25	8.60	5.46	0.49
10.70	2.41	0.56	0.26	13.30	8.63	5.50	0.48
10.75	2.44	0.58	0.28	13.35	8.67	5.53	0.45
10.80	2.48	0.60	0.29	13.40	8.70	5.56	0.44
10.85	2.52	0.62	0.31	13.45	8.73	5.59	0.41
10.90	2.56	0.64	0.33	13.50	8.76	5.61	0.40
10.95	2.61	0.67	0.35	13.55	8.79	5.64	0.37
11.00	2.65	0.69	0.36	13.60	8.82	5.67	0.36
11.05	2.70	0.72	0.40	13.65	8.85	5.69	0.35
11.10	2.75	0.75	0.42	13.70	8.87	5.71	0.35
11.15	2.80	0.79	0.46	13.75	8.90	5.74	0.34
11.20	2.86	0.82	0.48	13.80	8.93	5.76	0.34
11.25	2.92	0.86	0.52	13.85	8.95	5.79	0.33
11.30	2.98	0.90	0.55	13.90	8.98	5.81	0.33
11.35	3.05	0.94	0.59	13.95	9.00	5.83	0.32
11.40	3.12	0.98	0.61	14.00	9.03	5.85	0.32
11.45	3.19	1.03	0.65	14.05	9.05	5.88	0.31
11.50	3.26	1.08	0.68	14.10	9.07	5.90	0.31
11.55	3.37	1.15	0.94	14.15	9.10	5.92	0.30
11.60	3.49	1.23	1.07	14.20	9.12	5.94	0.30
11.65	3.60	1.31	1.13	14.25	9.14	5.96	0.29
11.70	3.72	1.39	1.18	14.30	9.16	5.98	0.29
11.75	3.88	1.51	1.49	14.35	9.19	6.00	0.28
11.80	4.04	1.63	1.66	14.40	9.21	6.02	0.27
11.85	4.27	1.79	2.14	14.45	9.23	6.04	0.27
11.90	4.49	1.96	2.43	14.50	9.25	6.06	0.26
11.95	4.88	2.27	3.68	14.55	9.27	6.07	0.26
12.00	5.26	2.57	4.38	14.60	9.29	6.09	0.25
12.05	5.91	3.11	6.53	14.65	9.31	6.11	0.25
12.10	6.55	3.65	7.48	14.70	9.32	6.13	0.24
12.15	6.77	3.85	4.29	14.75	9.34	6.14	0.24
12.20	7.00	4.04	2.81	14.80	9.36	6.16	0.23
12.25	7.16	4.18	2.23	14.85	9.38	6.17	0.23
12.30	7.32	4.32	2.00	14.90	9.40	6.19	0.22
12.35	7.44	4.43	1.63	14.95	9.41	6.21	0.21
12.40	7.55	4.53	1.47	15.00	9.43	6.22	0.21
12.45	7.67	4.63	1.42	15.05	9.44	6.23	0.20
12.50	7.78	4.73	1.39	15.10	9.46	6.25	0.20
12.55	7.85	4.79	1.06	15.15	9.47	6.26	0.20
12.60	7.92	4.86	0.92	15.20	9.49	6.28	0.20
12.65	7.99	4.92	0.87	15.25	9.50	6.29	0.20
12.70	8.06	4.98	0.85	15.30	9.52	6.30	0.19
12.75	8.12	5.03	0.80	15.35	9.53	6.32	0.19
12.80	8.18	5.09	0.78	15.40	9.55	6.33	0.19
12.85	8.24	5.14	0.73	15.45	9.56	6.34	0.19
12.90	8.29	5.19	0.71	15.50	9.58	6.36	0.19
12.95	8.34	5.23	0.66	15.55	9.59	6.37	0.19

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.19	18.20	10.20	6.93	0.12
15.65	9.62	6.40	0.18	18.25	10.21	6.94	0.12
15.70	9.64	6.41	0.18	18.30	10.22	6.95	0.12
15.75	9.65	6.42	0.18	18.35	10.23	6.96	0.11
15.80	9.66	6.44	0.18	18.40	10.24	6.97	0.11
15.85	9.68	6.45	0.18	18.45	10.24	6.97	0.11
15.90	9.69	6.46	0.18	18.50	10.25	6.98	0.11
15.95	9.70	6.47	0.18	18.55	10.26	6.99	0.11
16.00	9.72	6.49	0.18	18.60	10.27	7.00	0.11
16.05	9.73	6.50	0.17	18.65	10.28	7.01	0.11
16.10	9.74	6.51	0.17	18.70	10.29	7.01	0.11
16.15	9.76	6.52	0.17	18.75	10.30	7.02	0.11
16.20	9.77	6.54	0.17	18.80	10.30	7.03	0.11
16.25	9.78	6.55	0.17	18.85	10.31	7.04	0.11
16.30	9.80	6.56	0.17	18.90	10.32	7.04	0.11
16.35	9.81	6.57	0.17	18.95	10.33	7.05	0.11
16.40	9.82	6.58	0.16	19.00	10.34	7.06	0.11
16.45	9.83	6.59	0.16	19.05	10.35	7.07	0.11
16.50	9.85	6.60	0.16	19.10	10.35	7.08	0.11
16.55	9.86	6.62	0.16	19.15	10.36	7.08	0.11
16.60	9.87	6.63	0.16	19.20	10.37	7.09	0.11
16.65	9.88	6.64	0.16	19.25	10.38	7.10	0.11
16.70	9.89	6.65	0.16	19.30	10.39	7.11	0.11
16.75	9.91	6.66	0.15	19.35	10.40	7.11	0.11
16.80	9.92	6.67	0.15	19.40	10.40	7.12	0.11
16.85	9.93	6.68	0.15	19.45	10.41	7.13	0.11
16.90	9.94	6.69	0.15	19.50	10.42	7.14	0.11
16.95	9.95	6.70	0.15	19.55	10.43	7.14	0.11
17.00	9.96	6.71	0.15	19.60	10.44	7.15	0.11
17.05	9.97	6.72	0.15	19.65	10.44	7.16	0.11
17.10	9.99	6.73	0.14	19.70	10.45	7.17	0.11
17.15	10.00	6.74	0.14	19.75	10.46	7.17	0.11
17.20	10.01	6.75	0.14	19.80	10.47	7.18	0.11
17.25	10.02	6.76	0.14	19.85	10.48	7.19	0.10
17.30	10.03	6.77	0.14	19.90	10.48	7.20	0.10
17.35	10.04	6.78	0.14	19.95	10.49	7.20	0.10
17.40	10.05	6.79	0.14	20.00	10.50	7.21	0.10
17.45	10.06	6.80	0.13	20.05	10.51	7.22	0.10
17.50	10.07	6.81	0.13	20.10	10.52	7.23	0.10
17.55	10.08	6.82	0.13	20.15	10.52	7.23	0.10
17.60	10.09	6.83	0.13	20.20	10.53	7.24	0.10
17.65	10.10	6.84	0.13	20.25	10.54	7.25	0.10
17.70	10.11	6.85	0.13	20.30	10.55	7.25	0.10
17.75	10.12	6.86	0.13	20.35	10.55	7.26	0.10
17.80	10.13	6.87	0.13	20.40	10.56	7.27	0.10
17.85	10.14	6.87	0.12	20.45	10.57	7.28	0.10
17.90	10.15	6.88	0.12	20.50	10.58	7.28	0.10
17.95	10.16	6.89	0.12	20.55	10.58	7.29	0.10
18.00	10.17	6.90	0.12	20.60	10.59	7.30	0.10
18.05	10.17	6.91	0.12	20.65	10.60	7.30	0.10
18.10	10.18	6.92	0.12	20.70	10.61	7.31	0.10
18.15	10.19	6.92	0.12	20.75	10.61	7.32	0.10

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.10	23.40	10.97	7.65	0.08
20.85	10.63	7.33	0.10	23.45	10.97	7.65	0.08
20.90	10.64	7.34	0.10	23.50	10.98	7.66	0.08
20.95	10.64	7.34	0.10	23.55	10.99	7.66	0.08
21.00	10.65	7.35	0.10	23.60	10.99	7.67	0.08
21.05	10.66	7.36	0.10	23.65	11.00	7.67	0.08
21.10	10.66	7.36	0.10	23.70	11.00	7.68	0.08
21.15	10.67	7.37	0.09	23.75	11.01	7.69	0.08
21.20	10.68	7.38	0.09	23.80	11.01	7.69	0.08
21.25	10.69	7.38	0.09	23.85	11.02	7.70	0.08
21.30	10.69	7.39	0.09	23.90	11.03	7.70	0.08
21.35	10.70	7.40	0.09	23.95	11.03	7.71	0.09
21.40	10.71	7.40	0.09	24.00	11.04	7.72	0.09
21.45	10.71	7.41	0.09	24.05	11.04	7.72	0.03
21.50	10.72	7.42	0.09	24.10	11.04	7.72	0.00
21.55	10.73	7.42	0.09	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.09	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.09	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.09	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.09	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.09	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.09	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.09	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.09	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.09	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.09	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.09	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.09	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.09	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.09	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.09	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.09	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.09	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.09	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.09	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.09	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.09	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.08	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.08	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.08	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.08	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.08	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.08	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.08	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.08	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.08	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.08	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.08	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.08	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.08	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.08	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.08	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 29P: PDA-29 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 30I: PDA-30 (impervious)

Runoff = 8.38 cfs @ 12.06 hrs, Volume= 0.579 af, Depth=10.80"
 Routed to Pond B-30 : Basin #30

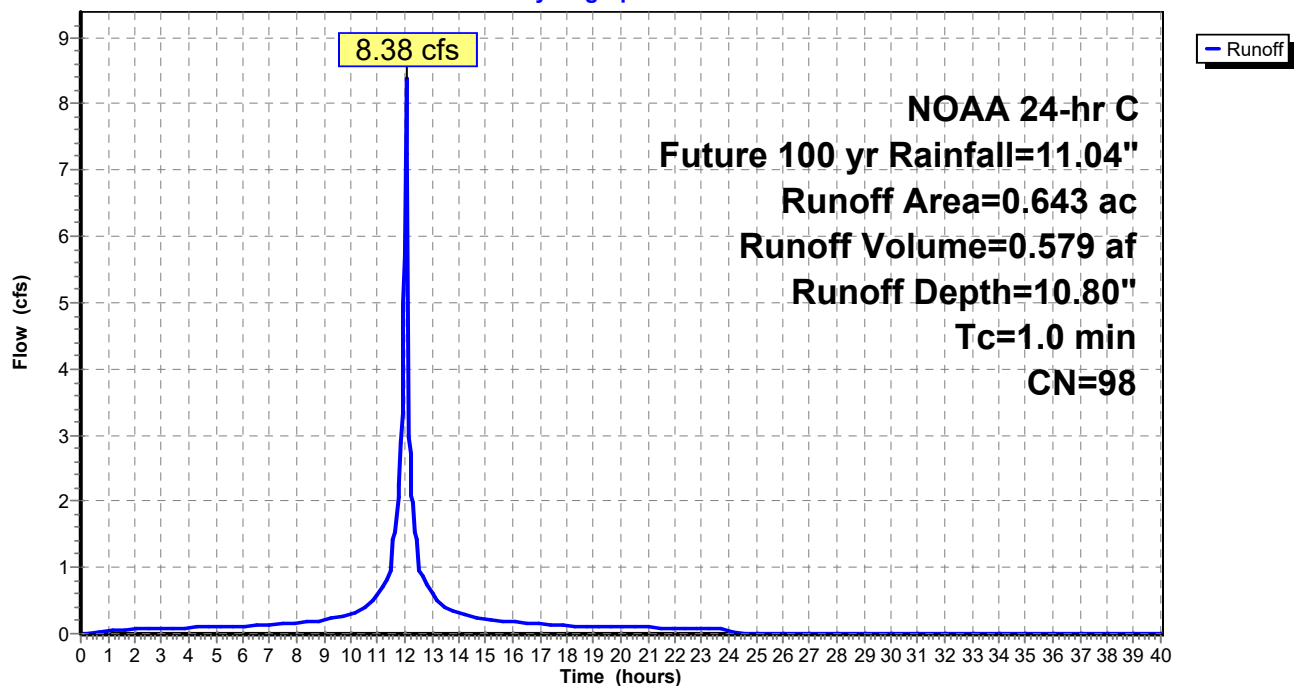
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.643	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.643	98	Weighted Average
0.643		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry, roof runoff

Subcatchment 30I: PDA-30 (impervious)

Hydrograph



Hydrograph for Subcatchment 30I: PDA-30 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.08
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.08
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.08
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.08
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.08
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.08
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.08
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.08
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.08
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.08
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.08
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.08
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.08
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.08
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.08
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.09
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.09
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.09
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.09
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.09
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.09
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.09
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.09
1.15	0.14	0.03	0.04	3.75	0.50	0.32	0.09
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.09
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.09
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.09
1.35	0.16	0.05	0.05	3.95	0.53	0.35	0.09
1.40	0.17	0.05	0.05	4.00	0.54	0.35	0.09
1.45	0.18	0.05	0.05	4.05	0.55	0.36	0.09
1.50	0.18	0.06	0.05	4.10	0.56	0.37	0.09
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.09
1.60	0.20	0.07	0.06	4.20	0.57	0.38	0.09
1.65	0.20	0.07	0.06	4.25	0.58	0.39	0.10
1.70	0.21	0.08	0.06	4.30	0.59	0.40	0.10
1.75	0.22	0.08	0.06	4.35	0.60	0.41	0.10
1.80	0.22	0.09	0.06	4.40	0.60	0.41	0.10
1.85	0.23	0.09	0.06	4.45	0.61	0.42	0.10
1.90	0.24	0.10	0.06	4.50	0.62	0.43	0.10
1.95	0.24	0.10	0.06	4.55	0.63	0.44	0.10
2.00	0.25	0.11	0.07	4.60	0.64	0.44	0.10
2.05	0.26	0.11	0.07	4.65	0.64	0.45	0.10
2.10	0.26	0.12	0.07	4.70	0.65	0.46	0.10
2.15	0.27	0.12	0.07	4.75	0.66	0.47	0.10
2.20	0.28	0.13	0.07	4.80	0.67	0.47	0.10
2.25	0.28	0.13	0.07	4.85	0.68	0.48	0.10
2.30	0.29	0.14	0.07	4.90	0.69	0.49	0.10
2.35	0.30	0.14	0.07	4.95	0.69	0.50	0.10
2.40	0.30	0.15	0.07	5.00	0.70	0.51	0.10
2.45	0.31	0.15	0.07	5.05	0.71	0.51	0.10
2.50	0.32	0.16	0.07	5.10	0.72	0.52	0.10
2.55	0.33	0.17	0.07	5.15	0.73	0.53	0.10

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.10	7.80	1.27	1.05	0.16
5.25	0.74	0.55	0.10	7.85	1.28	1.07	0.17
5.30	0.75	0.55	0.10	7.90	1.30	1.08	0.17
5.35	0.76	0.56	0.11	7.95	1.31	1.09	0.17
5.40	0.77	0.57	0.11	8.00	1.32	1.11	0.17
5.45	0.78	0.58	0.11	8.05	1.34	1.12	0.17
5.50	0.79	0.59	0.11	8.10	1.35	1.13	0.17
5.55	0.80	0.59	0.11	8.15	1.36	1.15	0.17
5.60	0.80	0.60	0.11	8.20	1.38	1.16	0.18
5.65	0.81	0.61	0.11	8.25	1.39	1.17	0.18
5.70	0.82	0.62	0.11	8.30	1.40	1.19	0.18
5.75	0.83	0.63	0.11	8.35	1.42	1.20	0.18
5.80	0.84	0.64	0.11	8.40	1.43	1.21	0.18
5.85	0.85	0.64	0.11	8.45	1.45	1.23	0.18
5.90	0.86	0.65	0.11	8.50	1.46	1.24	0.18
5.95	0.87	0.66	0.11	8.55	1.48	1.26	0.19
6.00	0.87	0.67	0.11	8.60	1.49	1.27	0.19
6.05	0.88	0.68	0.11	8.65	1.51	1.29	0.19
6.10	0.89	0.69	0.11	8.70	1.52	1.30	0.19
6.15	0.90	0.70	0.12	8.75	1.54	1.32	0.19
6.20	0.91	0.71	0.12	8.80	1.55	1.33	0.19
6.25	0.92	0.71	0.12	8.85	1.57	1.35	0.19
6.30	0.93	0.72	0.12	8.90	1.58	1.36	0.20
6.35	0.94	0.73	0.12	8.95	1.60	1.38	0.20
6.40	0.95	0.74	0.12	9.00	1.61	1.39	0.20
6.45	0.96	0.75	0.13	9.05	1.63	1.41	0.21
6.50	0.97	0.76	0.13	9.10	1.64	1.42	0.21
6.55	0.98	0.77	0.13	9.15	1.66	1.44	0.22
6.60	0.99	0.78	0.13	9.20	1.68	1.46	0.22
6.65	1.00	0.79	0.13	9.25	1.70	1.47	0.23
6.70	1.01	0.80	0.13	9.30	1.72	1.49	0.23
6.75	1.02	0.81	0.13	9.35	1.73	1.51	0.24
6.80	1.03	0.82	0.13	9.40	1.75	1.53	0.24
6.85	1.04	0.83	0.14	9.45	1.77	1.55	0.25
6.90	1.05	0.84	0.14	9.50	1.79	1.57	0.25
6.95	1.07	0.85	0.14	9.55	1.81	1.59	0.26
7.00	1.08	0.87	0.14	9.60	1.83	1.61	0.26
7.05	1.09	0.88	0.14	9.65	1.85	1.63	0.27
7.10	1.10	0.89	0.14	9.70	1.88	1.65	0.27
7.15	1.11	0.90	0.15	9.75	1.90	1.67	0.28
7.20	1.12	0.91	0.15	9.80	1.92	1.69	0.29
7.25	1.13	0.92	0.15	9.85	1.94	1.72	0.29
7.30	1.15	0.93	0.15	9.90	1.97	1.74	0.30
7.35	1.16	0.94	0.15	9.95	1.99	1.76	0.30
7.40	1.17	0.96	0.15	10.00	2.01	1.79	0.31
7.45	1.18	0.97	0.15	10.05	2.04	1.81	0.32
7.50	1.19	0.98	0.16	10.10	2.06	1.84	0.32
7.55	1.21	0.99	0.16	10.15	2.09	1.86	0.33
7.60	1.22	1.00	0.16	10.20	2.11	1.89	0.33
7.65	1.23	1.02	0.16	10.25	2.14	1.91	0.34
7.70	1.24	1.03	0.16	10.30	2.17	1.94	0.34
7.75	1.26	1.04	0.16	10.35	2.19	1.97	0.35

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.35	13.00	8.39	8.15	0.63
10.45	2.25	2.02	0.36	13.05	8.43	8.19	0.57
10.50	2.28	2.05	0.37	13.10	8.48	8.24	0.56
10.55	2.31	2.08	0.40	13.15	8.52	8.28	0.53
10.60	2.34	2.11	0.41	13.20	8.56	8.32	0.52
10.65	2.37	2.14	0.44	13.25	8.60	8.36	0.49
10.70	2.41	2.18	0.45	13.30	8.63	8.39	0.48
10.75	2.44	2.21	0.48	13.35	8.67	8.43	0.44
10.80	2.48	2.25	0.49	13.40	8.70	8.46	0.44
10.85	2.52	2.29	0.52	13.45	8.73	8.49	0.40
10.90	2.56	2.33	0.53	13.50	8.76	8.52	0.39
10.95	2.61	2.38	0.56	13.55	8.79	8.55	0.36
11.00	2.65	2.42	0.58	13.60	8.82	8.58	0.36
11.05	2.70	2.47	0.64	13.65	8.85	8.61	0.35
11.10	2.75	2.52	0.66	13.70	8.87	8.63	0.35
11.15	2.80	2.57	0.72	13.75	8.90	8.66	0.34
11.20	2.86	2.63	0.73	13.80	8.93	8.69	0.34
11.25	2.92	2.69	0.79	13.85	8.95	8.71	0.33
11.30	2.98	2.75	0.81	13.90	8.98	8.74	0.33
11.35	3.05	2.82	0.87	13.95	9.00	8.76	0.32
11.40	3.12	2.89	0.88	14.00	9.03	8.79	0.32
11.45	3.19	2.96	0.93	14.05	9.05	8.81	0.31
11.50	3.26	3.03	1.04	14.10	9.07	8.83	0.31
11.55	3.37	3.14	1.44	14.15	9.10	8.86	0.30
11.60	3.49	3.25	1.46	14.20	9.12	8.88	0.30
11.65	3.60	3.37	1.52	14.25	9.14	8.90	0.29
11.70	3.72	3.49	1.63	14.30	9.16	8.92	0.28
11.75	3.88	3.65	2.08	14.35	9.19	8.95	0.28
11.80	4.04	3.81	2.25	14.40	9.21	8.97	0.27
11.85	4.27	4.03	2.88	14.45	9.23	8.99	0.27
11.90	4.49	4.25	3.32	14.50	9.25	9.01	0.26
11.95	4.88	4.64	4.97	14.55	9.27	9.03	0.25
12.00	5.26	5.02	5.68	14.60	9.29	9.05	0.25
12.05	5.91	5.67	8.30	14.65	9.31	9.07	0.24
12.10	6.55	6.31	7.23	14.70	9.32	9.08	0.24
12.15	6.77	6.53	2.97	14.75	9.34	9.10	0.23
12.20	7.00	6.76	2.73	14.80	9.36	9.12	0.23
12.25	7.16	6.92	2.10	14.85	9.38	9.14	0.22
12.30	7.32	7.08	1.97	14.90	9.40	9.15	0.22
12.35	7.44	7.20	1.53	14.95	9.41	9.17	0.21
12.40	7.55	7.31	1.51	15.00	9.43	9.19	0.21
12.45	7.67	7.43	1.45	15.05	9.44	9.20	0.20
12.50	7.78	7.54	1.34	15.10	9.46	9.22	0.20
12.55	7.85	7.61	0.94	15.15	9.47	9.23	0.20
12.60	7.92	7.68	0.92	15.20	9.49	9.25	0.20
12.65	7.99	7.75	0.88	15.25	9.50	9.26	0.19
12.70	8.06	7.82	0.86	15.30	9.52	9.28	0.19
12.75	8.12	7.88	0.80	15.35	9.53	9.29	0.19
12.80	8.18	7.94	0.78	15.40	9.55	9.31	0.19
12.85	8.24	8.00	0.72	15.45	9.56	9.32	0.19
12.90	8.29	8.05	0.71	15.50	9.58	9.34	0.19
12.95	8.34	8.10	0.64	15.55	9.59	9.35	0.19

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.19	18.20	10.20	9.96	0.11
15.65	9.62	9.38	0.18	18.25	10.21	9.97	0.11
15.70	9.64	9.39	0.18	18.30	10.22	9.98	0.11
15.75	9.65	9.41	0.18	18.35	10.23	9.99	0.11
15.80	9.66	9.42	0.18	18.40	10.24	9.99	0.11
15.85	9.68	9.44	0.18	18.45	10.24	10.00	0.11
15.90	9.69	9.45	0.18	18.50	10.25	10.01	0.11
15.95	9.70	9.46	0.17	18.55	10.26	10.02	0.11
16.00	9.72	9.48	0.17	18.60	10.27	10.03	0.11
16.05	9.73	9.49	0.17	18.65	10.28	10.04	0.11
16.10	9.74	9.50	0.17	18.70	10.29	10.05	0.11
16.15	9.76	9.52	0.17	18.75	10.30	10.05	0.11
16.20	9.77	9.53	0.17	18.80	10.30	10.06	0.11
16.25	9.78	9.54	0.17	18.85	10.31	10.07	0.11
16.30	9.80	9.55	0.17	18.90	10.32	10.08	0.11
16.35	9.81	9.57	0.16	18.95	10.33	10.09	0.11
16.40	9.82	9.58	0.16	19.00	10.34	10.10	0.11
16.45	9.83	9.59	0.16	19.05	10.35	10.11	0.11
16.50	9.85	9.60	0.16	19.10	10.35	10.11	0.11
16.55	9.86	9.62	0.16	19.15	10.36	10.12	0.11
16.60	9.87	9.63	0.16	19.20	10.37	10.13	0.11
16.65	9.88	9.64	0.16	19.25	10.38	10.14	0.11
16.70	9.89	9.65	0.15	19.30	10.39	10.15	0.11
16.75	9.91	9.66	0.15	19.35	10.40	10.15	0.11
16.80	9.92	9.68	0.15	19.40	10.40	10.16	0.11
16.85	9.93	9.69	0.15	19.45	10.41	10.17	0.11
16.90	9.94	9.70	0.15	19.50	10.42	10.18	0.11
16.95	9.95	9.71	0.15	19.55	10.43	10.19	0.10
17.00	9.96	9.72	0.15	19.60	10.44	10.20	0.10
17.05	9.97	9.73	0.14	19.65	10.44	10.20	0.10
17.10	9.99	9.74	0.14	19.70	10.45	10.21	0.10
17.15	10.00	9.76	0.14	19.75	10.46	10.22	0.10
17.20	10.01	9.77	0.14	19.80	10.47	10.23	0.10
17.25	10.02	9.78	0.14	19.85	10.48	10.24	0.10
17.30	10.03	9.79	0.14	19.90	10.48	10.24	0.10
17.35	10.04	9.80	0.14	19.95	10.49	10.25	0.10
17.40	10.05	9.81	0.13	20.00	10.50	10.26	0.10
17.45	10.06	9.82	0.13	20.05	10.51	10.27	0.10
17.50	10.07	9.83	0.13	20.10	10.52	10.27	0.10
17.55	10.08	9.84	0.13	20.15	10.52	10.28	0.10
17.60	10.09	9.85	0.13	20.20	10.53	10.29	0.10
17.65	10.10	9.86	0.13	20.25	10.54	10.30	0.10
17.70	10.11	9.87	0.13	20.30	10.55	10.31	0.10
17.75	10.12	9.88	0.12	20.35	10.55	10.31	0.10
17.80	10.13	9.89	0.12	20.40	10.56	10.32	0.10
17.85	10.14	9.90	0.12	20.45	10.57	10.33	0.10
17.90	10.15	9.91	0.12	20.50	10.58	10.34	0.10
17.95	10.16	9.92	0.12	20.55	10.58	10.34	0.10
18.00	10.17	9.92	0.12	20.60	10.59	10.35	0.10
18.05	10.17	9.93	0.12	20.65	10.60	10.36	0.10
18.10	10.18	9.94	0.12	20.70	10.61	10.37	0.10
18.15	10.19	9.95	0.11	20.75	10.61	10.37	0.10

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.10	23.40	10.97	10.73	0.08
20.85	10.63	10.39	0.10	23.45	10.97	10.73	0.08
20.90	10.64	10.39	0.10	23.50	10.98	10.74	0.08
20.95	10.64	10.40	0.09	23.55	10.99	10.74	0.08
21.00	10.65	10.41	0.09	23.60	10.99	10.75	0.08
21.05	10.66	10.42	0.09	23.65	11.00	10.76	0.08
21.10	10.66	10.42	0.09	23.70	11.00	10.76	0.08
21.15	10.67	10.43	0.09	23.75	11.01	10.77	0.07
21.20	10.68	10.44	0.09	23.80	11.01	10.77	0.07
21.25	10.69	10.45	0.09	23.85	11.02	10.78	0.07
21.30	10.69	10.45	0.09	23.90	11.03	10.78	0.08
21.35	10.70	10.46	0.09	23.95	11.03	10.79	0.09
21.40	10.71	10.47	0.09	24.00	11.04	10.80	0.07
21.45	10.71	10.47	0.09	24.05	11.04	10.80	0.00
21.50	10.72	10.48	0.09	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.09	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.09	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.09	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.09	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.09	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.09	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.09	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.09	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.09	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.09	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.09	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.09	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.09	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.09	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.09	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.09	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.08	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.08	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.08	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.08	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.08	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.08	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.08	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.08	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.08	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.08	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.08	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.08	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.08	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.08	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.08	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.08	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.08	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.08	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.08	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.08	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.08	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 30I: PDA-30 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 30P: PDA-30 (pervious)

Runoff = 18.65 cfs @ 12.09 hrs, Volume= 1.117 af, Depth= 7.72"
 Routed to Pond B-30 : Basin #30

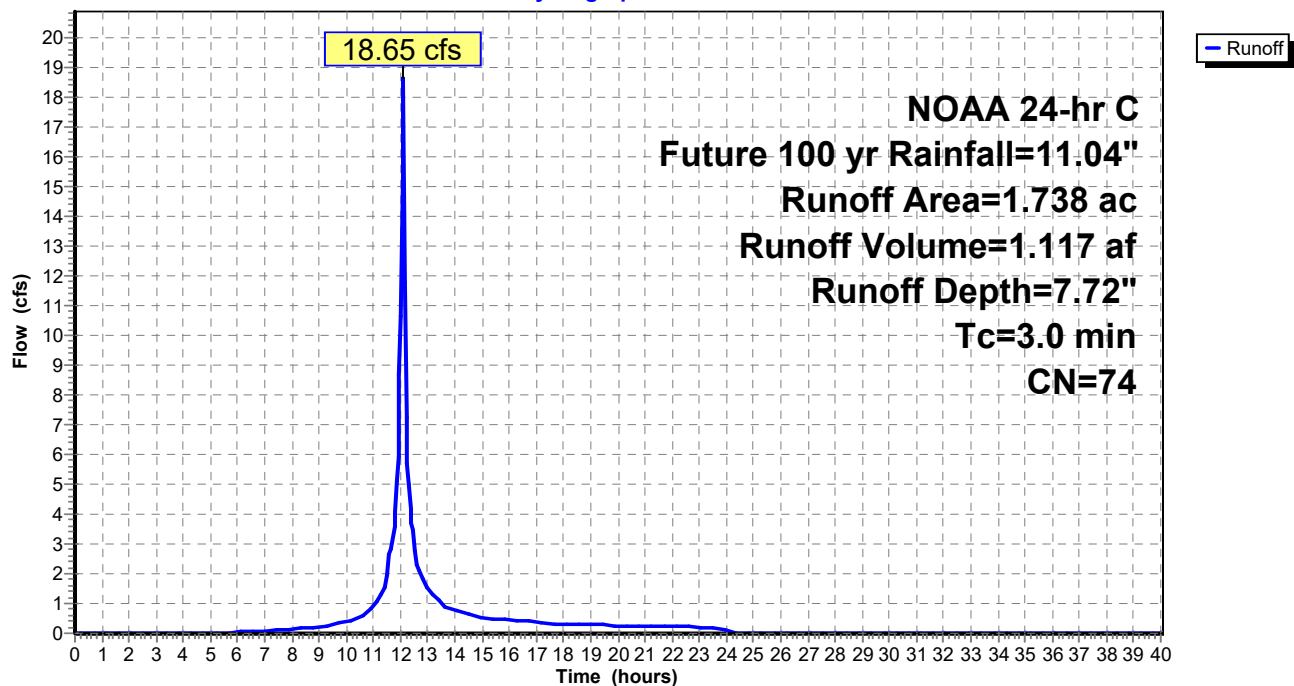
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.738	74	>75% Grass cover, Good, HSG C
1.738		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.0					Direct Entry,

Subcatchment 30P: PDA-30 (pervious)

Hydrograph



Hydrograph for Subcatchment 30P: PDA-30 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.11
5.25	0.74	0.00	0.01	7.85	1.28	0.08	0.12
5.30	0.75	0.00	0.01	7.90	1.30	0.09	0.12
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.12
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.13
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.13
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.13
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.14
5.60	0.80	0.00	0.02	8.20	1.38	0.11	0.14
5.65	0.81	0.00	0.02	8.25	1.39	0.11	0.14
5.70	0.82	0.00	0.02	8.30	1.40	0.12	0.15
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.15
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.15
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.16
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.16
5.95	0.87	0.01	0.03	8.55	1.48	0.14	0.16
6.00	0.87	0.01	0.03	8.60	1.49	0.14	0.17
6.05	0.88	0.01	0.03	8.65	1.51	0.15	0.17
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.18
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.18
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.18
6.25	0.92	0.01	0.04	8.85	1.57	0.17	0.19
6.30	0.93	0.01	0.04	8.90	1.58	0.18	0.19
6.35	0.94	0.02	0.04	8.95	1.60	0.18	0.19
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.20
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.21
6.50	0.97	0.02	0.05	9.10	1.64	0.20	0.21
6.55	0.98	0.02	0.05	9.15	1.66	0.21	0.22
6.60	0.99	0.02	0.05	9.20	1.68	0.21	0.23
6.65	1.00	0.02	0.05	9.25	1.70	0.22	0.24
6.70	1.01	0.02	0.06	9.30	1.72	0.23	0.25
6.75	1.02	0.03	0.06	9.35	1.73	0.23	0.26
6.80	1.03	0.03	0.06	9.40	1.75	0.24	0.26
6.85	1.04	0.03	0.06	9.45	1.77	0.25	0.28
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.28
6.95	1.07	0.03	0.07	9.55	1.81	0.27	0.29
7.00	1.08	0.04	0.07	9.60	1.83	0.28	0.30
7.05	1.09	0.04	0.07	9.65	1.85	0.28	0.31
7.10	1.10	0.04	0.07	9.70	1.88	0.29	0.32
7.15	1.11	0.04	0.08	9.75	1.90	0.30	0.33
7.20	1.12	0.04	0.08	9.80	1.92	0.31	0.34
7.25	1.13	0.05	0.08	9.85	1.94	0.32	0.36
7.30	1.15	0.05	0.08	9.90	1.97	0.33	0.37
7.35	1.16	0.05	0.09	9.95	1.99	0.34	0.38
7.40	1.17	0.05	0.09	10.00	2.01	0.36	0.39
7.45	1.18	0.06	0.09	10.05	2.04	0.37	0.40
7.50	1.19	0.06	0.10	10.10	2.06	0.38	0.41
7.55	1.21	0.06	0.10	10.15	2.09	0.39	0.42
7.60	1.22	0.07	0.10	10.20	2.11	0.40	0.43
7.65	1.23	0.07	0.11	10.25	2.14	0.42	0.45
7.70	1.24	0.07	0.11	10.30	2.17	0.43	0.46
7.75	1.26	0.08	0.11	10.35	2.19	0.44	0.47

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.48	13.00	8.39	5.28	1.57
10.45	2.25	0.47	0.50	13.05	8.43	5.32	1.46
10.50	2.28	0.49	0.51	13.10	8.48	5.36	1.39
10.55	2.31	0.50	0.55	13.15	8.52	5.39	1.33
10.60	2.34	0.52	0.57	13.20	8.56	5.43	1.29
10.65	2.37	0.54	0.62	13.25	8.60	5.46	1.23
10.70	2.41	0.56	0.65	13.30	8.63	5.50	1.19
10.75	2.44	0.58	0.69	13.35	8.67	5.53	1.13
10.80	2.48	0.60	0.72	13.40	8.70	5.56	1.09
10.85	2.52	0.62	0.77	13.45	8.73	5.59	1.03
10.90	2.56	0.64	0.80	13.50	8.76	5.61	0.99
10.95	2.61	0.67	0.85	13.55	8.79	5.64	0.93
11.00	2.65	0.69	0.89	13.60	8.82	5.67	0.89
11.05	2.70	0.72	0.97	13.65	8.85	5.69	0.87
11.10	2.75	0.75	1.03	13.70	8.87	5.71	0.86
11.15	2.80	0.79	1.12	13.75	8.90	5.74	0.85
11.20	2.86	0.82	1.19	13.80	8.93	5.76	0.84
11.25	2.92	0.86	1.28	13.85	8.95	5.79	0.82
11.30	2.98	0.90	1.35	13.90	8.98	5.81	0.81
11.35	3.05	0.94	1.44	13.95	9.00	5.83	0.80
11.40	3.12	0.98	1.51	14.00	9.03	5.85	0.79
11.45	3.19	1.03	1.60	14.05	9.05	5.88	0.77
11.50	3.26	1.08	1.67	14.10	9.07	5.90	0.76
11.55	3.37	1.15	2.24	14.15	9.10	5.92	0.74
11.60	3.49	1.23	2.62	14.20	9.12	5.94	0.74
11.65	3.60	1.31	2.78	14.25	9.14	5.96	0.72
11.70	3.72	1.39	2.90	14.30	9.16	5.98	0.71
11.75	3.88	1.51	3.59	14.35	9.19	6.00	0.69
11.80	4.04	1.63	4.08	14.40	9.21	6.02	0.68
11.85	4.27	1.79	5.14	14.45	9.23	6.04	0.67
11.90	4.49	1.96	5.92	14.50	9.25	6.06	0.66
11.95	4.88	2.27	8.68	14.55	9.27	6.07	0.64
12.00	5.26	2.57	10.67	14.60	9.29	6.09	0.63
12.05	5.91	3.11	15.45	14.65	9.31	6.11	0.61
12.10	6.55	3.65	18.48	14.70	9.32	6.13	0.60
12.15	6.77	3.85	11.76	14.75	9.34	6.14	0.59
12.20	7.00	4.04	7.22	14.80	9.36	6.16	0.58
12.25	7.16	4.18	5.72	14.85	9.38	6.17	0.56
12.30	7.32	4.32	5.00	14.90	9.40	6.19	0.55
12.35	7.44	4.43	4.17	14.95	9.41	6.21	0.53
12.40	7.55	4.53	3.68	15.00	9.43	6.22	0.52
12.45	7.67	4.63	3.54	15.05	9.44	6.23	0.51
12.50	7.78	4.73	3.46	15.10	9.46	6.25	0.50
12.55	7.85	4.79	2.74	15.15	9.47	6.26	0.49
12.60	7.92	4.86	2.29	15.20	9.49	6.28	0.49
12.65	7.99	4.92	2.17	15.25	9.50	6.29	0.49
12.70	8.06	4.98	2.12	15.30	9.52	6.30	0.48
12.75	8.12	5.03	2.01	15.35	9.53	6.32	0.48
12.80	8.18	5.09	1.94	15.40	9.55	6.33	0.48
12.85	8.24	5.14	1.83	15.45	9.56	6.34	0.47
12.90	8.29	5.19	1.76	15.50	9.58	6.36	0.47
12.95	8.34	5.23	1.64	15.55	9.59	6.37	0.47

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.46	18.20	10.20	6.93	0.29
15.65	9.62	6.40	0.46	18.25	10.21	6.94	0.29
15.70	9.64	6.41	0.46	18.30	10.22	6.95	0.29
15.75	9.65	6.42	0.45	18.35	10.23	6.96	0.28
15.80	9.66	6.44	0.45	18.40	10.24	6.97	0.28
15.85	9.68	6.45	0.45	18.45	10.24	6.97	0.28
15.90	9.69	6.46	0.44	18.50	10.25	6.98	0.28
15.95	9.70	6.47	0.44	18.55	10.26	6.99	0.28
16.00	9.72	6.49	0.44	18.60	10.27	7.00	0.28
16.05	9.73	6.50	0.43	18.65	10.28	7.01	0.28
16.10	9.74	6.51	0.43	18.70	10.29	7.01	0.28
16.15	9.76	6.52	0.43	18.75	10.30	7.02	0.28
16.20	9.77	6.54	0.42	18.80	10.30	7.03	0.28
16.25	9.78	6.55	0.42	18.85	10.31	7.04	0.28
16.30	9.80	6.56	0.41	18.90	10.32	7.04	0.27
16.35	9.81	6.57	0.41	18.95	10.33	7.05	0.27
16.40	9.82	6.58	0.41	19.00	10.34	7.06	0.27
16.45	9.83	6.59	0.40	19.05	10.35	7.07	0.27
16.50	9.85	6.60	0.40	19.10	10.35	7.08	0.27
16.55	9.86	6.62	0.40	19.15	10.36	7.08	0.27
16.60	9.87	6.63	0.39	19.20	10.37	7.09	0.27
16.65	9.88	6.64	0.39	19.25	10.38	7.10	0.27
16.70	9.89	6.65	0.39	19.30	10.39	7.11	0.27
16.75	9.91	6.66	0.38	19.35	10.40	7.11	0.27
16.80	9.92	6.67	0.38	19.40	10.40	7.12	0.27
16.85	9.93	6.68	0.38	19.45	10.41	7.13	0.27
16.90	9.94	6.69	0.37	19.50	10.42	7.14	0.26
16.95	9.95	6.70	0.37	19.55	10.43	7.14	0.26
17.00	9.96	6.71	0.37	19.60	10.44	7.15	0.26
17.05	9.97	6.72	0.36	19.65	10.44	7.16	0.26
17.10	9.99	6.73	0.36	19.70	10.45	7.17	0.26
17.15	10.00	6.74	0.36	19.75	10.46	7.17	0.26
17.20	10.01	6.75	0.35	19.80	10.47	7.18	0.26
17.25	10.02	6.76	0.35	19.85	10.48	7.19	0.26
17.30	10.03	6.77	0.34	19.90	10.48	7.20	0.26
17.35	10.04	6.78	0.34	19.95	10.49	7.20	0.26
17.40	10.05	6.79	0.34	20.00	10.50	7.21	0.26
17.45	10.06	6.80	0.33	20.05	10.51	7.22	0.25
17.50	10.07	6.81	0.33	20.10	10.52	7.23	0.25
17.55	10.08	6.82	0.33	20.15	10.52	7.23	0.25
17.60	10.09	6.83	0.32	20.20	10.53	7.24	0.25
17.65	10.10	6.84	0.32	20.25	10.54	7.25	0.25
17.70	10.11	6.85	0.32	20.30	10.55	7.25	0.25
17.75	10.12	6.86	0.31	20.35	10.55	7.26	0.25
17.80	10.13	6.87	0.31	20.40	10.56	7.27	0.25
17.85	10.14	6.87	0.31	20.45	10.57	7.28	0.25
17.90	10.15	6.88	0.30	20.50	10.58	7.28	0.25
17.95	10.16	6.89	0.30	20.55	10.58	7.29	0.25
18.00	10.17	6.90	0.30	20.60	10.59	7.30	0.25
18.05	10.17	6.91	0.29	20.65	10.60	7.30	0.24
18.10	10.18	6.92	0.29	20.70	10.61	7.31	0.24
18.15	10.19	6.92	0.29	20.75	10.61	7.32	0.24

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.24	23.40	10.97	7.65	0.20
20.85	10.63	7.33	0.24	23.45	10.97	7.65	0.20
20.90	10.64	7.34	0.24	23.50	10.98	7.66	0.19
20.95	10.64	7.34	0.24	23.55	10.99	7.66	0.19
21.00	10.65	7.35	0.24	23.60	10.99	7.67	0.19
21.05	10.66	7.36	0.24	23.65	11.00	7.67	0.19
21.10	10.66	7.36	0.24	23.70	11.00	7.68	0.19
21.15	10.67	7.37	0.24	23.75	11.01	7.69	0.19
21.20	10.68	7.38	0.23	23.80	11.01	7.69	0.19
21.25	10.69	7.38	0.23	23.85	11.02	7.70	0.19
21.30	10.69	7.39	0.23	23.90	11.03	7.70	0.19
21.35	10.70	7.40	0.23	23.95	11.03	7.71	0.21
21.40	10.71	7.40	0.23	24.00	11.04	7.72	0.23
21.45	10.71	7.41	0.23	24.05	11.04	7.72	0.09
21.50	10.72	7.42	0.23	24.10	11.04	7.72	0.01
21.55	10.73	7.42	0.23	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.23	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.23	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.23	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.23	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.23	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.22	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.22	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.22	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.22	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.22	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.22	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.22	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.22	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.22	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.22	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.21	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.21	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.21	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.21	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.21	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.21	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.21	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.21	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.21	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.21	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.20	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.20	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.20	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.20	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.20	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.20	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.20	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.20	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.20	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.20	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.20	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 30P: PDA-30 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 31I: PDA-31 (impervious)

Runoff = 9.35 cfs @ 12.06 hrs, Volume= 0.645 af, Depth=10.80"
 Routed to Pond B-31 : Basin #31

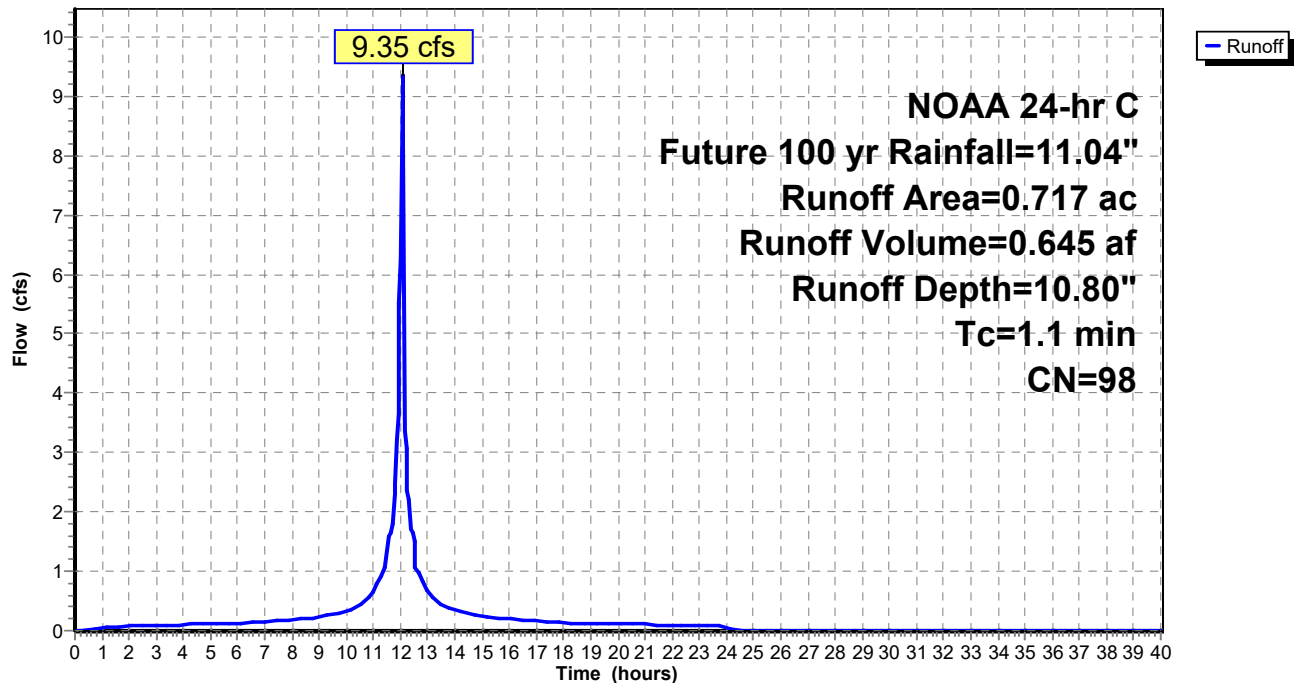
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.557	98	Pavement, HSG C
* 0.064	98	Roof, HSG C
* 0.096	98	Concrete, HSC C
0.717	98	Weighted Average
0.717		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.1					Direct Entry,

Subcatchment 31I: PDA-31 (impervious)

Hydrograph



Hydrograph for Subcatchment 31I: PDA-31 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.08
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.09
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.09
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.09
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.09
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.09
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.09
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.09
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.09
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.09
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.09
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.09
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.09
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.09
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.10
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.10
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.10
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.10
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.10
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.10
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.10
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.10
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.10
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.10
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.10
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.10
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.10
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.10
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.10
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.10
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.11
1.60	0.20	0.07	0.06	4.20	0.57	0.38	0.11
1.65	0.20	0.07	0.06	4.25	0.58	0.39	0.11
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.11
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.11
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.11
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.11
1.90	0.24	0.10	0.07	4.50	0.62	0.43	0.11
1.95	0.24	0.10	0.07	4.55	0.63	0.44	0.11
2.00	0.25	0.11	0.07	4.60	0.64	0.44	0.11
2.05	0.26	0.11	0.07	4.65	0.64	0.45	0.11
2.10	0.26	0.12	0.07	4.70	0.65	0.46	0.11
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.11
2.20	0.28	0.13	0.08	4.80	0.67	0.47	0.11
2.25	0.28	0.13	0.08	4.85	0.68	0.48	0.11
2.30	0.29	0.14	0.08	4.90	0.69	0.49	0.11
2.35	0.30	0.14	0.08	4.95	0.69	0.50	0.11
2.40	0.30	0.15	0.08	5.00	0.70	0.51	0.11
2.45	0.31	0.15	0.08	5.05	0.71	0.51	0.11
2.50	0.32	0.16	0.08	5.10	0.72	0.52	0.11
2.55	0.33	0.17	0.08	5.15	0.73	0.53	0.12

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.12	7.80	1.27	1.05	0.18
5.25	0.74	0.55	0.12	7.85	1.28	1.07	0.19
5.30	0.75	0.55	0.12	7.90	1.30	1.08	0.19
5.35	0.76	0.56	0.12	7.95	1.31	1.09	0.19
5.40	0.77	0.57	0.12	8.00	1.32	1.11	0.19
5.45	0.78	0.58	0.12	8.05	1.34	1.12	0.19
5.50	0.79	0.59	0.12	8.10	1.35	1.13	0.19
5.55	0.80	0.59	0.12	8.15	1.36	1.15	0.20
5.60	0.80	0.60	0.12	8.20	1.38	1.16	0.20
5.65	0.81	0.61	0.12	8.25	1.39	1.17	0.20
5.70	0.82	0.62	0.12	8.30	1.40	1.19	0.20
5.75	0.83	0.63	0.12	8.35	1.42	1.20	0.20
5.80	0.84	0.64	0.12	8.40	1.43	1.21	0.20
5.85	0.85	0.64	0.12	8.45	1.45	1.23	0.20
5.90	0.86	0.65	0.12	8.50	1.46	1.24	0.21
5.95	0.87	0.66	0.12	8.55	1.48	1.26	0.21
6.00	0.87	0.67	0.12	8.60	1.49	1.27	0.21
6.05	0.88	0.68	0.13	8.65	1.51	1.29	0.21
6.10	0.89	0.69	0.13	8.70	1.52	1.30	0.21
6.15	0.90	0.70	0.13	8.75	1.54	1.32	0.21
6.20	0.91	0.71	0.13	8.80	1.55	1.33	0.21
6.25	0.92	0.71	0.13	8.85	1.57	1.35	0.22
6.30	0.93	0.72	0.13	8.90	1.58	1.36	0.22
6.35	0.94	0.73	0.14	8.95	1.60	1.38	0.22
6.40	0.95	0.74	0.14	9.00	1.61	1.39	0.22
6.45	0.96	0.75	0.14	9.05	1.63	1.41	0.23
6.50	0.97	0.76	0.14	9.10	1.64	1.42	0.23
6.55	0.98	0.77	0.14	9.15	1.66	1.44	0.24
6.60	0.99	0.78	0.14	9.20	1.68	1.46	0.25
6.65	1.00	0.79	0.15	9.25	1.70	1.47	0.26
6.70	1.01	0.80	0.15	9.30	1.72	1.49	0.26
6.75	1.02	0.81	0.15	9.35	1.73	1.51	0.27
6.80	1.03	0.82	0.15	9.40	1.75	1.53	0.27
6.85	1.04	0.83	0.15	9.45	1.77	1.55	0.28
6.90	1.05	0.84	0.15	9.50	1.79	1.57	0.28
6.95	1.07	0.85	0.16	9.55	1.81	1.59	0.29
7.00	1.08	0.87	0.16	9.60	1.83	1.61	0.29
7.05	1.09	0.88	0.16	9.65	1.85	1.63	0.30
7.10	1.10	0.89	0.16	9.70	1.88	1.65	0.31
7.15	1.11	0.90	0.16	9.75	1.90	1.67	0.32
7.20	1.12	0.91	0.16	9.80	1.92	1.69	0.32
7.25	1.13	0.92	0.16	9.85	1.94	1.72	0.33
7.30	1.15	0.93	0.17	9.90	1.97	1.74	0.33
7.35	1.16	0.94	0.17	9.95	1.99	1.76	0.34
7.40	1.17	0.96	0.17	10.00	2.01	1.79	0.34
7.45	1.18	0.97	0.17	10.05	2.04	1.81	0.35
7.50	1.19	0.98	0.17	10.10	2.06	1.84	0.35
7.55	1.21	0.99	0.17	10.15	2.09	1.86	0.36
7.60	1.22	1.00	0.18	10.20	2.11	1.89	0.37
7.65	1.23	1.02	0.18	10.25	2.14	1.91	0.38
7.70	1.24	1.03	0.18	10.30	2.17	1.94	0.38
7.75	1.26	1.04	0.18	10.35	2.19	1.97	0.39

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.39	13.00	8.39	8.15	0.70
10.45	2.25	2.02	0.40	13.05	8.43	8.19	0.63
10.50	2.28	2.05	0.41	13.10	8.48	8.24	0.62
10.55	2.31	2.08	0.45	13.15	8.52	8.28	0.59
10.60	2.34	2.11	0.45	13.20	8.56	8.32	0.58
10.65	2.37	2.14	0.49	13.25	8.60	8.36	0.54
10.70	2.41	2.18	0.50	13.30	8.63	8.39	0.53
10.75	2.44	2.21	0.54	13.35	8.67	8.43	0.50
10.80	2.48	2.25	0.55	13.40	8.70	8.46	0.49
10.85	2.52	2.29	0.58	13.45	8.73	8.49	0.45
10.90	2.56	2.33	0.59	13.50	8.76	8.52	0.44
10.95	2.61	2.38	0.63	13.55	8.79	8.55	0.40
11.00	2.65	2.42	0.64	13.60	8.82	8.58	0.40
11.05	2.70	2.47	0.71	13.65	8.85	8.61	0.39
11.10	2.75	2.52	0.73	13.70	8.87	8.63	0.39
11.15	2.80	2.57	0.80	13.75	8.90	8.66	0.38
11.20	2.86	2.63	0.82	13.80	8.93	8.69	0.38
11.25	2.92	2.69	0.88	13.85	8.95	8.71	0.37
11.30	2.98	2.75	0.90	13.90	8.98	8.74	0.37
11.35	3.05	2.82	0.97	13.95	9.00	8.76	0.36
11.40	3.12	2.89	0.98	14.00	9.03	8.79	0.35
11.45	3.19	2.96	1.04	14.05	9.05	8.81	0.34
11.50	3.26	3.03	1.14	14.10	9.07	8.83	0.34
11.55	3.37	3.14	1.60	14.15	9.10	8.86	0.33
11.60	3.49	3.25	1.62	14.20	9.12	8.88	0.33
11.65	3.60	3.37	1.69	14.25	9.14	8.90	0.32
11.70	3.72	3.49	1.81	14.30	9.16	8.92	0.32
11.75	3.88	3.65	2.31	14.35	9.19	8.95	0.31
11.80	4.04	3.81	2.49	14.40	9.21	8.97	0.31
11.85	4.27	4.03	3.21	14.45	9.23	8.99	0.30
11.90	4.49	4.25	3.65	14.50	9.25	9.01	0.29
11.95	4.88	4.64	5.52	14.55	9.27	9.03	0.28
12.00	5.26	5.02	6.24	14.60	9.29	9.05	0.28
12.05	5.91	5.67	9.23	14.65	9.31	9.07	0.27
12.10	6.55	6.31	8.21	14.70	9.32	9.08	0.27
12.15	6.77	6.53	3.35	14.75	9.34	9.10	0.26
12.20	7.00	6.76	3.07	14.80	9.36	9.12	0.26
12.25	7.16	6.92	2.35	14.85	9.38	9.14	0.25
12.30	7.32	7.08	2.21	14.90	9.40	9.15	0.25
12.35	7.44	7.20	1.71	14.95	9.41	9.17	0.24
12.40	7.55	7.31	1.68	15.00	9.43	9.19	0.23
12.45	7.67	7.43	1.61	15.05	9.44	9.20	0.22
12.50	7.78	7.54	1.51	15.10	9.46	9.22	0.22
12.55	7.85	7.61	1.05	15.15	9.47	9.23	0.22
12.60	7.92	7.68	1.03	15.20	9.49	9.25	0.22
12.65	7.99	7.75	0.98	15.25	9.50	9.26	0.22
12.70	8.06	7.82	0.96	15.30	9.52	9.28	0.22
12.75	8.12	7.88	0.89	15.35	9.53	9.29	0.21
12.80	8.18	7.94	0.87	15.40	9.55	9.31	0.21
12.85	8.24	8.00	0.81	15.45	9.56	9.32	0.21
12.90	8.29	8.05	0.79	15.50	9.58	9.34	0.21
12.95	8.34	8.10	0.72	15.55	9.59	9.35	0.21

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.21	18.20	10.20	9.96	0.13
15.65	9.62	9.38	0.20	18.25	10.21	9.97	0.13
15.70	9.64	9.39	0.20	18.30	10.22	9.98	0.13
15.75	9.65	9.41	0.20	18.35	10.23	9.99	0.13
15.80	9.66	9.42	0.20	18.40	10.24	9.99	0.13
15.85	9.68	9.44	0.20	18.45	10.24	10.00	0.13
15.90	9.69	9.45	0.20	18.50	10.25	10.01	0.13
15.95	9.70	9.46	0.19	18.55	10.26	10.02	0.12
16.00	9.72	9.48	0.19	18.60	10.27	10.03	0.12
16.05	9.73	9.49	0.19	18.65	10.28	10.04	0.12
16.10	9.74	9.50	0.19	18.70	10.29	10.05	0.12
16.15	9.76	9.52	0.19	18.75	10.30	10.05	0.12
16.20	9.77	9.53	0.19	18.80	10.30	10.06	0.12
16.25	9.78	9.54	0.19	18.85	10.31	10.07	0.12
16.30	9.80	9.55	0.18	18.90	10.32	10.08	0.12
16.35	9.81	9.57	0.18	18.95	10.33	10.09	0.12
16.40	9.82	9.58	0.18	19.00	10.34	10.10	0.12
16.45	9.83	9.59	0.18	19.05	10.35	10.11	0.12
16.50	9.85	9.60	0.18	19.10	10.35	10.11	0.12
16.55	9.86	9.62	0.18	19.15	10.36	10.12	0.12
16.60	9.87	9.63	0.18	19.20	10.37	10.13	0.12
16.65	9.88	9.64	0.17	19.25	10.38	10.14	0.12
16.70	9.89	9.65	0.17	19.30	10.39	10.15	0.12
16.75	9.91	9.66	0.17	19.35	10.40	10.15	0.12
16.80	9.92	9.68	0.17	19.40	10.40	10.16	0.12
16.85	9.93	9.69	0.17	19.45	10.41	10.17	0.12
16.90	9.94	9.70	0.17	19.50	10.42	10.18	0.12
16.95	9.95	9.71	0.16	19.55	10.43	10.19	0.12
17.00	9.96	9.72	0.16	19.60	10.44	10.20	0.12
17.05	9.97	9.73	0.16	19.65	10.44	10.20	0.12
17.10	9.99	9.74	0.16	19.70	10.45	10.21	0.12
17.15	10.00	9.76	0.16	19.75	10.46	10.22	0.12
17.20	10.01	9.77	0.16	19.80	10.47	10.23	0.12
17.25	10.02	9.78	0.15	19.85	10.48	10.24	0.11
17.30	10.03	9.79	0.15	19.90	10.48	10.24	0.11
17.35	10.04	9.80	0.15	19.95	10.49	10.25	0.11
17.40	10.05	9.81	0.15	20.00	10.50	10.26	0.11
17.45	10.06	9.82	0.15	20.05	10.51	10.27	0.11
17.50	10.07	9.83	0.15	20.10	10.52	10.27	0.11
17.55	10.08	9.84	0.14	20.15	10.52	10.28	0.11
17.60	10.09	9.85	0.14	20.20	10.53	10.29	0.11
17.65	10.10	9.86	0.14	20.25	10.54	10.30	0.11
17.70	10.11	9.87	0.14	20.30	10.55	10.31	0.11
17.75	10.12	9.88	0.14	20.35	10.55	10.31	0.11
17.80	10.13	9.89	0.14	20.40	10.56	10.32	0.11
17.85	10.14	9.90	0.13	20.45	10.57	10.33	0.11
17.90	10.15	9.91	0.13	20.50	10.58	10.34	0.11
17.95	10.16	9.92	0.13	20.55	10.58	10.34	0.11
18.00	10.17	9.92	0.13	20.60	10.59	10.35	0.11
18.05	10.17	9.93	0.13	20.65	10.60	10.36	0.11
18.10	10.18	9.94	0.13	20.70	10.61	10.37	0.11
18.15	10.19	9.95	0.13	20.75	10.61	10.37	0.11

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.11	23.40	10.97	10.73	0.09
20.85	10.63	10.39	0.11	23.45	10.97	10.73	0.09
20.90	10.64	10.39	0.11	23.50	10.98	10.74	0.09
20.95	10.64	10.40	0.11	23.55	10.99	10.74	0.08
21.00	10.65	10.41	0.11	23.60	10.99	10.75	0.08
21.05	10.66	10.42	0.10	23.65	11.00	10.76	0.08
21.10	10.66	10.42	0.10	23.70	11.00	10.76	0.08
21.15	10.67	10.43	0.10	23.75	11.01	10.77	0.08
21.20	10.68	10.44	0.10	23.80	11.01	10.77	0.08
21.25	10.69	10.45	0.10	23.85	11.02	10.78	0.08
21.30	10.69	10.45	0.10	23.90	11.03	10.78	0.09
21.35	10.70	10.46	0.10	23.95	11.03	10.79	0.10
21.40	10.71	10.47	0.10	24.00	11.04	10.80	0.08
21.45	10.71	10.47	0.10	24.05	11.04	10.80	0.00
21.50	10.72	10.48	0.10	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.10	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.10	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.10	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.10	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.10	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.10	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.10	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.10	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.10	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.10	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.10	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.10	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.10	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.10	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.09	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.09	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.09	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.09	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.09	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.09	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.09	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.09	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.09	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.09	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.09	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.09	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.09	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.09	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.09	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.09	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.09	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.09	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.09	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.09	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.09	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.09	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.09	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 31I: PDA-31 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 31P: PDA-31 (pervious)

Runoff = 2.23 cfs @ 12.09 hrs, Volume= 0.132 af, Depth= 7.72"
 Routed to Pond B-31 : Basin #31

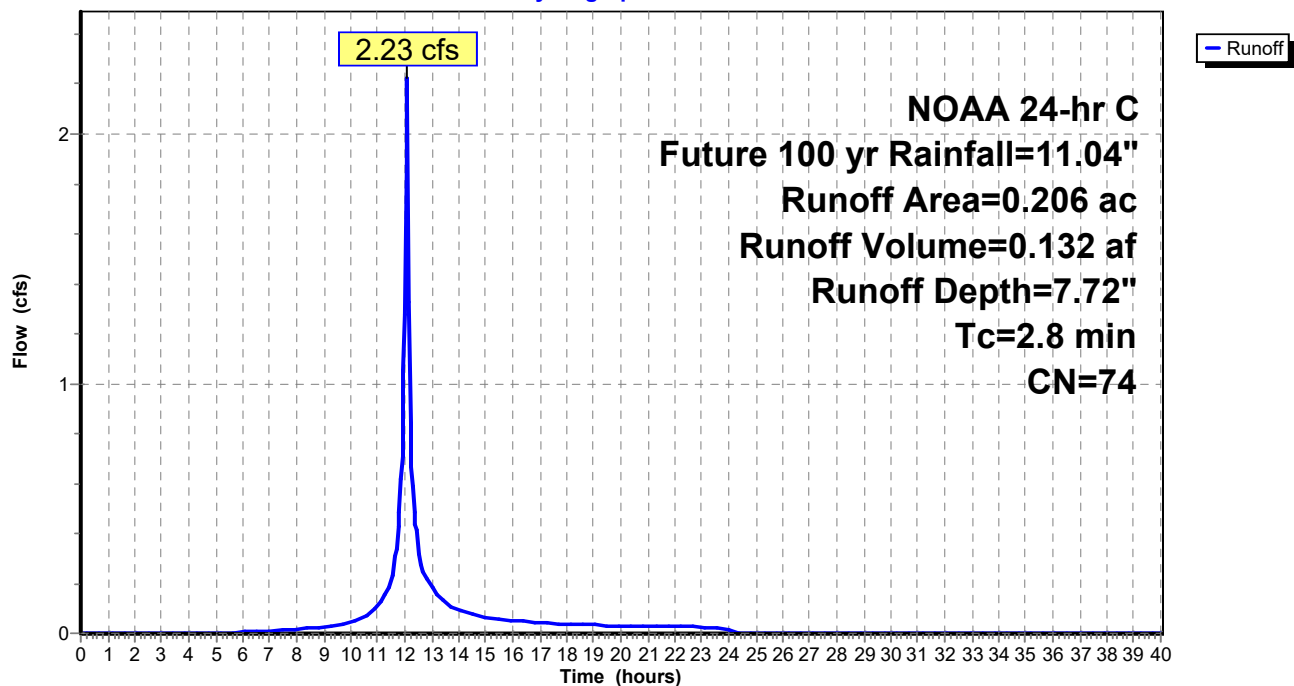
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.206	74	>75% Grass cover, Good, HSG C
0.206		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8					Direct Entry,

Subcatchment 31P: PDA-31 (pervious)

Hydrograph



Hydrograph for Subcatchment 31P: PDA-31 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.01
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.01
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.01
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.01
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.02
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.02
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.02
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.02
5.60	0.80	0.00	0.00	8.20	1.38	0.11	0.02
5.65	0.81	0.00	0.00	8.25	1.39	0.11	0.02
5.70	0.82	0.00	0.00	8.30	1.40	0.12	0.02
5.75	0.83	0.00	0.00	8.35	1.42	0.12	0.02
5.80	0.84	0.01	0.00	8.40	1.43	0.13	0.02
5.85	0.85	0.01	0.00	8.45	1.45	0.13	0.02
5.90	0.86	0.01	0.00	8.50	1.46	0.13	0.02
5.95	0.87	0.01	0.00	8.55	1.48	0.14	0.02
6.00	0.87	0.01	0.00	8.60	1.49	0.14	0.02
6.05	0.88	0.01	0.00	8.65	1.51	0.15	0.02
6.10	0.89	0.01	0.00	8.70	1.52	0.15	0.02
6.15	0.90	0.01	0.00	8.75	1.54	0.16	0.02
6.20	0.91	0.01	0.00	8.80	1.55	0.16	0.02
6.25	0.92	0.01	0.00	8.85	1.57	0.17	0.02
6.30	0.93	0.01	0.00	8.90	1.58	0.18	0.02
6.35	0.94	0.02	0.00	8.95	1.60	0.18	0.02
6.40	0.95	0.02	0.01	9.00	1.61	0.19	0.02
6.45	0.96	0.02	0.01	9.05	1.63	0.19	0.02
6.50	0.97	0.02	0.01	9.10	1.64	0.20	0.03
6.55	0.98	0.02	0.01	9.15	1.66	0.21	0.03
6.60	0.99	0.02	0.01	9.20	1.68	0.21	0.03
6.65	1.00	0.02	0.01	9.25	1.70	0.22	0.03
6.70	1.01	0.02	0.01	9.30	1.72	0.23	0.03
6.75	1.02	0.03	0.01	9.35	1.73	0.23	0.03
6.80	1.03	0.03	0.01	9.40	1.75	0.24	0.03
6.85	1.04	0.03	0.01	9.45	1.77	0.25	0.03
6.90	1.05	0.03	0.01	9.50	1.79	0.26	0.03
6.95	1.07	0.03	0.01	9.55	1.81	0.27	0.04
7.00	1.08	0.04	0.01	9.60	1.83	0.28	0.04
7.05	1.09	0.04	0.01	9.65	1.85	0.28	0.04
7.10	1.10	0.04	0.01	9.70	1.88	0.29	0.04
7.15	1.11	0.04	0.01	9.75	1.90	0.30	0.04
7.20	1.12	0.04	0.01	9.80	1.92	0.31	0.04
7.25	1.13	0.05	0.01	9.85	1.94	0.32	0.04
7.30	1.15	0.05	0.01	9.90	1.97	0.33	0.04
7.35	1.16	0.05	0.01	9.95	1.99	0.34	0.04
7.40	1.17	0.05	0.01	10.00	2.01	0.36	0.05
7.45	1.18	0.06	0.01	10.05	2.04	0.37	0.05
7.50	1.19	0.06	0.01	10.10	2.06	0.38	0.05
7.55	1.21	0.06	0.01	10.15	2.09	0.39	0.05
7.60	1.22	0.07	0.01	10.20	2.11	0.40	0.05
7.65	1.23	0.07	0.01	10.25	2.14	0.42	0.05
7.70	1.24	0.07	0.01	10.30	2.17	0.43	0.05
7.75	1.26	0.08	0.01	10.35	2.19	0.44	0.06

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.06	13.00	8.39	5.28	0.19
10.45	2.25	0.47	0.06	13.05	8.43	5.32	0.17
10.50	2.28	0.49	0.06	13.10	8.48	5.36	0.16
10.55	2.31	0.50	0.07	13.15	8.52	5.39	0.16
10.60	2.34	0.52	0.07	13.20	8.56	5.43	0.15
10.65	2.37	0.54	0.07	13.25	8.60	5.46	0.14
10.70	2.41	0.56	0.08	13.30	8.63	5.50	0.14
10.75	2.44	0.58	0.08	13.35	8.67	5.53	0.13
10.80	2.48	0.60	0.09	13.40	8.70	5.56	0.13
10.85	2.52	0.62	0.09	13.45	8.73	5.59	0.12
10.90	2.56	0.64	0.10	13.50	8.76	5.61	0.12
10.95	2.61	0.67	0.10	13.55	8.79	5.64	0.11
11.00	2.65	0.69	0.11	13.60	8.82	5.67	0.11
11.05	2.70	0.72	0.12	13.65	8.85	5.69	0.10
11.10	2.75	0.75	0.12	13.70	8.87	5.71	0.10
11.15	2.80	0.79	0.13	13.75	8.90	5.74	0.10
11.20	2.86	0.82	0.14	13.80	8.93	5.76	0.10
11.25	2.92	0.86	0.15	13.85	8.95	5.79	0.10
11.30	2.98	0.90	0.16	13.90	8.98	5.81	0.10
11.35	3.05	0.94	0.17	13.95	9.00	5.83	0.09
11.40	3.12	0.98	0.18	14.00	9.03	5.85	0.09
11.45	3.19	1.03	0.19	14.05	9.05	5.88	0.09
11.50	3.26	1.08	0.20	14.10	9.07	5.90	0.09
11.55	3.37	1.15	0.27	14.15	9.10	5.92	0.09
11.60	3.49	1.23	0.31	14.20	9.12	5.94	0.09
11.65	3.60	1.31	0.33	14.25	9.14	5.96	0.08
11.70	3.72	1.39	0.34	14.30	9.16	5.98	0.08
11.75	3.88	1.51	0.43	14.35	9.19	6.00	0.08
11.80	4.04	1.63	0.49	14.40	9.21	6.02	0.08
11.85	4.27	1.79	0.62	14.45	9.23	6.04	0.08
11.90	4.49	1.96	0.71	14.50	9.25	6.06	0.08
11.95	4.88	2.27	1.05	14.55	9.27	6.07	0.08
12.00	5.26	2.57	1.28	14.60	9.29	6.09	0.07
12.05	5.91	3.11	1.87	14.65	9.31	6.11	0.07
12.10	6.55	3.65	2.19	14.70	9.32	6.13	0.07
12.15	6.77	3.85	1.33	14.75	9.34	6.14	0.07
12.20	7.00	4.04	0.84	14.80	9.36	6.16	0.07
12.25	7.16	4.18	0.67	14.85	9.38	6.17	0.07
12.30	7.32	4.32	0.59	14.90	9.40	6.19	0.07
12.35	7.44	4.43	0.49	14.95	9.41	6.21	0.06
12.40	7.55	4.53	0.43	15.00	9.43	6.22	0.06
12.45	7.67	4.63	0.42	15.05	9.44	6.23	0.06
12.50	7.78	4.73	0.41	15.10	9.46	6.25	0.06
12.55	7.85	4.79	0.32	15.15	9.47	6.26	0.06
12.60	7.92	4.86	0.27	15.20	9.49	6.28	0.06
12.65	7.99	4.92	0.26	15.25	9.50	6.29	0.06
12.70	8.06	4.98	0.25	15.30	9.52	6.30	0.06
12.75	8.12	5.03	0.24	15.35	9.53	6.32	0.06
12.80	8.18	5.09	0.23	15.40	9.55	6.33	0.06
12.85	8.24	5.14	0.22	15.45	9.56	6.34	0.06
12.90	8.29	5.19	0.21	15.50	9.58	6.36	0.06
12.95	8.34	5.23	0.19	15.55	9.59	6.37	0.06

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.06	18.20	10.20	6.93	0.03
15.65	9.62	6.40	0.05	18.25	10.21	6.94	0.03
15.70	9.64	6.41	0.05	18.30	10.22	6.95	0.03
15.75	9.65	6.42	0.05	18.35	10.23	6.96	0.03
15.80	9.66	6.44	0.05	18.40	10.24	6.97	0.03
15.85	9.68	6.45	0.05	18.45	10.24	6.97	0.03
15.90	9.69	6.46	0.05	18.50	10.25	6.98	0.03
15.95	9.70	6.47	0.05	18.55	10.26	6.99	0.03
16.00	9.72	6.49	0.05	18.60	10.27	7.00	0.03
16.05	9.73	6.50	0.05	18.65	10.28	7.01	0.03
16.10	9.74	6.51	0.05	18.70	10.29	7.01	0.03
16.15	9.76	6.52	0.05	18.75	10.30	7.02	0.03
16.20	9.77	6.54	0.05	18.80	10.30	7.03	0.03
16.25	9.78	6.55	0.05	18.85	10.31	7.04	0.03
16.30	9.80	6.56	0.05	18.90	10.32	7.04	0.03
16.35	9.81	6.57	0.05	18.95	10.33	7.05	0.03
16.40	9.82	6.58	0.05	19.00	10.34	7.06	0.03
16.45	9.83	6.59	0.05	19.05	10.35	7.07	0.03
16.50	9.85	6.60	0.05	19.10	10.35	7.08	0.03
16.55	9.86	6.62	0.05	19.15	10.36	7.08	0.03
16.60	9.87	6.63	0.05	19.20	10.37	7.09	0.03
16.65	9.88	6.64	0.05	19.25	10.38	7.10	0.03
16.70	9.89	6.65	0.05	19.30	10.39	7.11	0.03
16.75	9.91	6.66	0.05	19.35	10.40	7.11	0.03
16.80	9.92	6.67	0.04	19.40	10.40	7.12	0.03
16.85	9.93	6.68	0.04	19.45	10.41	7.13	0.03
16.90	9.94	6.69	0.04	19.50	10.42	7.14	0.03
16.95	9.95	6.70	0.04	19.55	10.43	7.14	0.03
17.00	9.96	6.71	0.04	19.60	10.44	7.15	0.03
17.05	9.97	6.72	0.04	19.65	10.44	7.16	0.03
17.10	9.99	6.73	0.04	19.70	10.45	7.17	0.03
17.15	10.00	6.74	0.04	19.75	10.46	7.17	0.03
17.20	10.01	6.75	0.04	19.80	10.47	7.18	0.03
17.25	10.02	6.76	0.04	19.85	10.48	7.19	0.03
17.30	10.03	6.77	0.04	19.90	10.48	7.20	0.03
17.35	10.04	6.78	0.04	19.95	10.49	7.20	0.03
17.40	10.05	6.79	0.04	20.00	10.50	7.21	0.03
17.45	10.06	6.80	0.04	20.05	10.51	7.22	0.03
17.50	10.07	6.81	0.04	20.10	10.52	7.23	0.03
17.55	10.08	6.82	0.04	20.15	10.52	7.23	0.03
17.60	10.09	6.83	0.04	20.20	10.53	7.24	0.03
17.65	10.10	6.84	0.04	20.25	10.54	7.25	0.03
17.70	10.11	6.85	0.04	20.30	10.55	7.25	0.03
17.75	10.12	6.86	0.04	20.35	10.55	7.26	0.03
17.80	10.13	6.87	0.04	20.40	10.56	7.27	0.03
17.85	10.14	6.87	0.04	20.45	10.57	7.28	0.03
17.90	10.15	6.88	0.04	20.50	10.58	7.28	0.03
17.95	10.16	6.89	0.04	20.55	10.58	7.29	0.03
18.00	10.17	6.90	0.04	20.60	10.59	7.30	0.03
18.05	10.17	6.91	0.03	20.65	10.60	7.30	0.03
18.10	10.18	6.92	0.03	20.70	10.61	7.31	0.03
18.15	10.19	6.92	0.03	20.75	10.61	7.32	0.03

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.03	23.40	10.97	7.65	0.02
20.85	10.63	7.33	0.03	23.45	10.97	7.65	0.02
20.90	10.64	7.34	0.03	23.50	10.98	7.66	0.02
20.95	10.64	7.34	0.03	23.55	10.99	7.66	0.02
21.00	10.65	7.35	0.03	23.60	10.99	7.67	0.02
21.05	10.66	7.36	0.03	23.65	11.00	7.67	0.02
21.10	10.66	7.36	0.03	23.70	11.00	7.68	0.02
21.15	10.67	7.37	0.03	23.75	11.01	7.69	0.02
21.20	10.68	7.38	0.03	23.80	11.01	7.69	0.02
21.25	10.69	7.38	0.03	23.85	11.02	7.70	0.02
21.30	10.69	7.39	0.03	23.90	11.03	7.70	0.02
21.35	10.70	7.40	0.03	23.95	11.03	7.71	0.03
21.40	10.71	7.40	0.03	24.00	11.04	7.72	0.03
21.45	10.71	7.41	0.03	24.05	11.04	7.72	0.01
21.50	10.72	7.42	0.03	24.10	11.04	7.72	0.00
21.55	10.73	7.42	0.03	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.03	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.03	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.03	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.03	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.03	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.03	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.03	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.03	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.03	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.03	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.03	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.03	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.03	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.03	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.03	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.03	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.03	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.03	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.03	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.03	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.03	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.02	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.02	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.02	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.02	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.02	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.02	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.02	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.02	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.02	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.02	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.02	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.02	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.02	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.02	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.02	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 31P: PDA-31 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 32I: PDA-32 (impervious)

Runoff = 5.03 cfs @ 12.06 hrs, Volume= 0.347 af, Depth=10.80"
 Routed to Pond B-32 : Basin #32

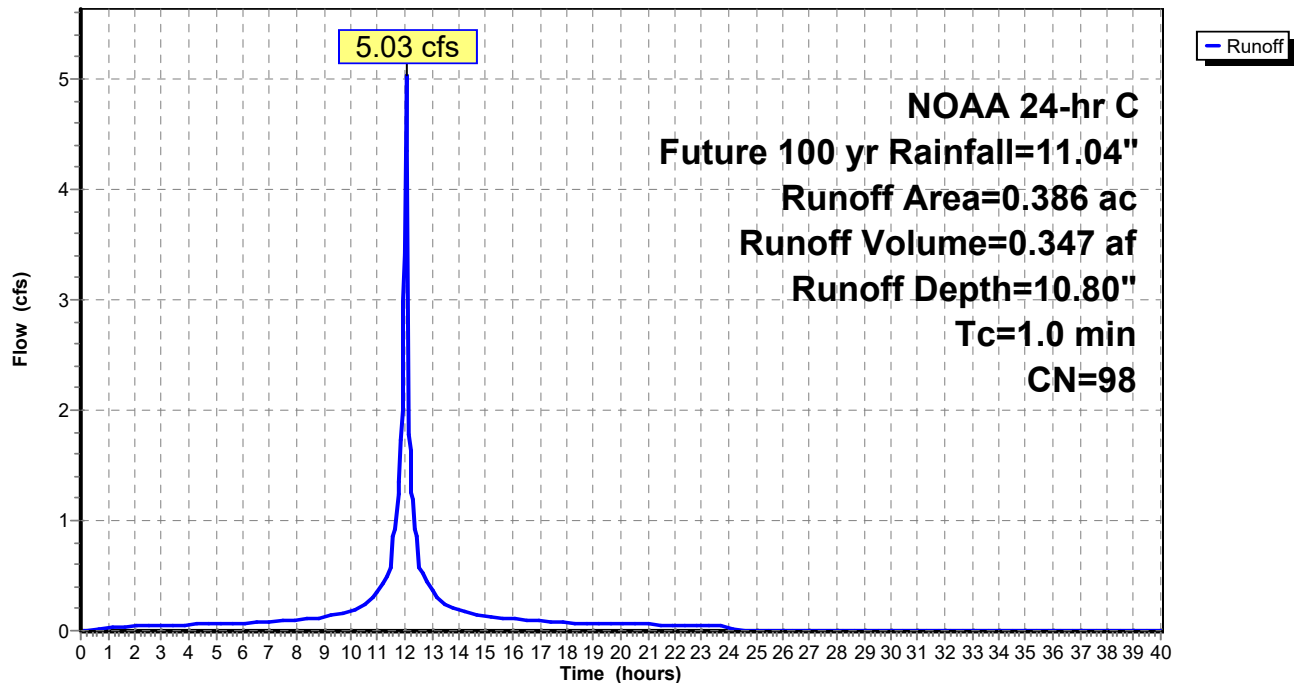
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.386	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.386	98	Weighted Average
0.386		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 32I: PDA-32 (impervious)

Hydrograph



Hydrograph for Subcatchment 32I: PDA-32 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.05
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.05
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.05
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.05
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.05
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.05
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.05
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.05
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.05
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.05
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.05
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.05
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.05
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.05
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.05
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.05
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.05
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.05
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.05
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.05
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.05
1.05	0.13	0.03	0.02	3.65	0.49	0.31	0.05
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.05
1.15	0.14	0.03	0.03	3.75	0.50	0.32	0.05
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.05
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.05
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.05
1.35	0.16	0.05	0.03	3.95	0.53	0.35	0.06
1.40	0.17	0.05	0.03	4.00	0.54	0.35	0.06
1.45	0.18	0.05	0.03	4.05	0.55	0.36	0.06
1.50	0.18	0.06	0.03	4.10	0.56	0.37	0.06
1.55	0.19	0.06	0.03	4.15	0.56	0.38	0.06
1.60	0.20	0.07	0.03	4.20	0.57	0.38	0.06
1.65	0.20	0.07	0.03	4.25	0.58	0.39	0.06
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.06
1.75	0.22	0.08	0.04	4.35	0.60	0.41	0.06
1.80	0.22	0.09	0.04	4.40	0.60	0.41	0.06
1.85	0.23	0.09	0.04	4.45	0.61	0.42	0.06
1.90	0.24	0.10	0.04	4.50	0.62	0.43	0.06
1.95	0.24	0.10	0.04	4.55	0.63	0.44	0.06
2.00	0.25	0.11	0.04	4.60	0.64	0.44	0.06
2.05	0.26	0.11	0.04	4.65	0.64	0.45	0.06
2.10	0.26	0.12	0.04	4.70	0.65	0.46	0.06
2.15	0.27	0.12	0.04	4.75	0.66	0.47	0.06
2.20	0.28	0.13	0.04	4.80	0.67	0.47	0.06
2.25	0.28	0.13	0.04	4.85	0.68	0.48	0.06
2.30	0.29	0.14	0.04	4.90	0.69	0.49	0.06
2.35	0.30	0.14	0.04	4.95	0.69	0.50	0.06
2.40	0.30	0.15	0.04	5.00	0.70	0.51	0.06
2.45	0.31	0.15	0.04	5.05	0.71	0.51	0.06
2.50	0.32	0.16	0.04	5.10	0.72	0.52	0.06
2.55	0.33	0.17	0.04	5.15	0.73	0.53	0.06

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.06	7.80	1.27	1.05	0.10
5.25	0.74	0.55	0.06	7.85	1.28	1.07	0.10
5.30	0.75	0.55	0.06	7.90	1.30	1.08	0.10
5.35	0.76	0.56	0.06	7.95	1.31	1.09	0.10
5.40	0.77	0.57	0.06	8.00	1.32	1.11	0.10
5.45	0.78	0.58	0.06	8.05	1.34	1.12	0.10
5.50	0.79	0.59	0.06	8.10	1.35	1.13	0.10
5.55	0.80	0.59	0.06	8.15	1.36	1.15	0.11
5.60	0.80	0.60	0.06	8.20	1.38	1.16	0.11
5.65	0.81	0.61	0.06	8.25	1.39	1.17	0.11
5.70	0.82	0.62	0.07	8.30	1.40	1.19	0.11
5.75	0.83	0.63	0.07	8.35	1.42	1.20	0.11
5.80	0.84	0.64	0.07	8.40	1.43	1.21	0.11
5.85	0.85	0.64	0.07	8.45	1.45	1.23	0.11
5.90	0.86	0.65	0.07	8.50	1.46	1.24	0.11
5.95	0.87	0.66	0.07	8.55	1.48	1.26	0.11
6.00	0.87	0.67	0.07	8.60	1.49	1.27	0.11
6.05	0.88	0.68	0.07	8.65	1.51	1.29	0.11
6.10	0.89	0.69	0.07	8.70	1.52	1.30	0.11
6.15	0.90	0.70	0.07	8.75	1.54	1.32	0.12
6.20	0.91	0.71	0.07	8.80	1.55	1.33	0.12
6.25	0.92	0.71	0.07	8.85	1.57	1.35	0.12
6.30	0.93	0.72	0.07	8.90	1.58	1.36	0.12
6.35	0.94	0.73	0.07	8.95	1.60	1.38	0.12
6.40	0.95	0.74	0.07	9.00	1.61	1.39	0.12
6.45	0.96	0.75	0.08	9.05	1.63	1.41	0.13
6.50	0.97	0.76	0.08	9.10	1.64	1.42	0.13
6.55	0.98	0.77	0.08	9.15	1.66	1.44	0.13
6.60	0.99	0.78	0.08	9.20	1.68	1.46	0.13
6.65	1.00	0.79	0.08	9.25	1.70	1.47	0.14
6.70	1.01	0.80	0.08	9.30	1.72	1.49	0.14
6.75	1.02	0.81	0.08	9.35	1.73	1.51	0.14
6.80	1.03	0.82	0.08	9.40	1.75	1.53	0.15
6.85	1.04	0.83	0.08	9.45	1.77	1.55	0.15
6.90	1.05	0.84	0.08	9.50	1.79	1.57	0.15
6.95	1.07	0.85	0.08	9.55	1.81	1.59	0.16
7.00	1.08	0.87	0.08	9.60	1.83	1.61	0.16
7.05	1.09	0.88	0.09	9.65	1.85	1.63	0.16
7.10	1.10	0.89	0.09	9.70	1.88	1.65	0.17
7.15	1.11	0.90	0.09	9.75	1.90	1.67	0.17
7.20	1.12	0.91	0.09	9.80	1.92	1.69	0.17
7.25	1.13	0.92	0.09	9.85	1.94	1.72	0.18
7.30	1.15	0.93	0.09	9.90	1.97	1.74	0.18
7.35	1.16	0.94	0.09	9.95	1.99	1.76	0.18
7.40	1.17	0.96	0.09	10.00	2.01	1.79	0.18
7.45	1.18	0.97	0.09	10.05	2.04	1.81	0.19
7.50	1.19	0.98	0.09	10.10	2.06	1.84	0.19
7.55	1.21	0.99	0.09	10.15	2.09	1.86	0.20
7.60	1.22	1.00	0.09	10.20	2.11	1.89	0.20
7.65	1.23	1.02	0.10	10.25	2.14	1.91	0.20
7.70	1.24	1.03	0.10	10.30	2.17	1.94	0.20
7.75	1.26	1.04	0.10	10.35	2.19	1.97	0.21

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.21	13.00	8.39	8.15	0.38
10.45	2.25	2.02	0.22	13.05	8.43	8.19	0.34
10.50	2.28	2.05	0.22	13.10	8.48	8.24	0.34
10.55	2.31	2.08	0.24	13.15	8.52	8.28	0.32
10.60	2.34	2.11	0.25	13.20	8.56	8.32	0.31
10.65	2.37	2.14	0.26	13.25	8.60	8.36	0.29
10.70	2.41	2.18	0.27	13.30	8.63	8.39	0.29
10.75	2.44	2.21	0.29	13.35	8.67	8.43	0.27
10.80	2.48	2.25	0.29	13.40	8.70	8.46	0.26
10.85	2.52	2.29	0.31	13.45	8.73	8.49	0.24
10.90	2.56	2.33	0.32	13.50	8.76	8.52	0.24
10.95	2.61	2.38	0.34	13.55	8.79	8.55	0.22
11.00	2.65	2.42	0.35	13.60	8.82	8.58	0.22
11.05	2.70	2.47	0.38	13.65	8.85	8.61	0.21
11.10	2.75	2.52	0.39	13.70	8.87	8.63	0.21
11.15	2.80	2.57	0.43	13.75	8.90	8.66	0.20
11.20	2.86	2.63	0.44	13.80	8.93	8.69	0.20
11.25	2.92	2.69	0.48	13.85	8.95	8.71	0.20
11.30	2.98	2.75	0.49	13.90	8.98	8.74	0.20
11.35	3.05	2.82	0.52	13.95	9.00	8.76	0.19
11.40	3.12	2.89	0.53	14.00	9.03	8.79	0.19
11.45	3.19	2.96	0.56	14.05	9.05	8.81	0.18
11.50	3.26	3.03	0.62	14.10	9.07	8.83	0.18
11.55	3.37	3.14	0.86	14.15	9.10	8.86	0.18
11.60	3.49	3.25	0.88	14.20	9.12	8.88	0.18
11.65	3.60	3.37	0.91	14.25	9.14	8.90	0.17
11.70	3.72	3.49	0.98	14.30	9.16	8.92	0.17
11.75	3.88	3.65	1.25	14.35	9.19	8.95	0.17
11.80	4.04	3.81	1.35	14.40	9.21	8.97	0.16
11.85	4.27	4.03	1.73	14.45	9.23	8.99	0.16
11.90	4.49	4.25	1.99	14.50	9.25	9.01	0.16
11.95	4.88	4.64	2.98	14.55	9.27	9.03	0.15
12.00	5.26	5.02	3.41	14.60	9.29	9.05	0.15
12.05	5.91	5.67	4.98	14.65	9.31	9.07	0.15
12.10	6.55	6.31	4.34	14.70	9.32	9.08	0.14
12.15	6.77	6.53	1.78	14.75	9.34	9.10	0.14
12.20	7.00	6.76	1.64	14.80	9.36	9.12	0.14
12.25	7.16	6.92	1.26	14.85	9.38	9.14	0.13
12.30	7.32	7.08	1.18	14.90	9.40	9.15	0.13
12.35	7.44	7.20	0.92	14.95	9.41	9.17	0.13
12.40	7.55	7.31	0.90	15.00	9.43	9.19	0.13
12.45	7.67	7.43	0.87	15.05	9.44	9.20	0.12
12.50	7.78	7.54	0.81	15.10	9.46	9.22	0.12
12.55	7.85	7.61	0.56	15.15	9.47	9.23	0.12
12.60	7.92	7.68	0.55	15.20	9.49	9.25	0.12
12.65	7.99	7.75	0.53	15.25	9.50	9.26	0.12
12.70	8.06	7.82	0.52	15.30	9.52	9.28	0.12
12.75	8.12	7.88	0.48	15.35	9.53	9.29	0.12
12.80	8.18	7.94	0.47	15.40	9.55	9.31	0.12
12.85	8.24	8.00	0.43	15.45	9.56	9.32	0.11
12.90	8.29	8.05	0.42	15.50	9.58	9.34	0.11
12.95	8.34	8.10	0.39	15.55	9.59	9.35	0.11

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.11	18.20	10.20	9.96	0.07
15.65	9.62	9.38	0.11	18.25	10.21	9.97	0.07
15.70	9.64	9.39	0.11	18.30	10.22	9.98	0.07
15.75	9.65	9.41	0.11	18.35	10.23	9.99	0.07
15.80	9.66	9.42	0.11	18.40	10.24	9.99	0.07
15.85	9.68	9.44	0.11	18.45	10.24	10.00	0.07
15.90	9.69	9.45	0.11	18.50	10.25	10.01	0.07
15.95	9.70	9.46	0.10	18.55	10.26	10.02	0.07
16.00	9.72	9.48	0.10	18.60	10.27	10.03	0.07
16.05	9.73	9.49	0.10	18.65	10.28	10.04	0.07
16.10	9.74	9.50	0.10	18.70	10.29	10.05	0.07
16.15	9.76	9.52	0.10	18.75	10.30	10.05	0.07
16.20	9.77	9.53	0.10	18.80	10.30	10.06	0.07
16.25	9.78	9.54	0.10	18.85	10.31	10.07	0.07
16.30	9.80	9.55	0.10	18.90	10.32	10.08	0.07
16.35	9.81	9.57	0.10	18.95	10.33	10.09	0.07
16.40	9.82	9.58	0.10	19.00	10.34	10.10	0.07
16.45	9.83	9.59	0.10	19.05	10.35	10.11	0.06
16.50	9.85	9.60	0.10	19.10	10.35	10.11	0.06
16.55	9.86	9.62	0.09	19.15	10.36	10.12	0.06
16.60	9.87	9.63	0.09	19.20	10.37	10.13	0.06
16.65	9.88	9.64	0.09	19.25	10.38	10.14	0.06
16.70	9.89	9.65	0.09	19.30	10.39	10.15	0.06
16.75	9.91	9.66	0.09	19.35	10.40	10.15	0.06
16.80	9.92	9.68	0.09	19.40	10.40	10.16	0.06
16.85	9.93	9.69	0.09	19.45	10.41	10.17	0.06
16.90	9.94	9.70	0.09	19.50	10.42	10.18	0.06
16.95	9.95	9.71	0.09	19.55	10.43	10.19	0.06
17.00	9.96	9.72	0.09	19.60	10.44	10.20	0.06
17.05	9.97	9.73	0.09	19.65	10.44	10.20	0.06
17.10	9.99	9.74	0.09	19.70	10.45	10.21	0.06
17.15	10.00	9.76	0.08	19.75	10.46	10.22	0.06
17.20	10.01	9.77	0.08	19.80	10.47	10.23	0.06
17.25	10.02	9.78	0.08	19.85	10.48	10.24	0.06
17.30	10.03	9.79	0.08	19.90	10.48	10.24	0.06
17.35	10.04	9.80	0.08	19.95	10.49	10.25	0.06
17.40	10.05	9.81	0.08	20.00	10.50	10.26	0.06
17.45	10.06	9.82	0.08	20.05	10.51	10.27	0.06
17.50	10.07	9.83	0.08	20.10	10.52	10.27	0.06
17.55	10.08	9.84	0.08	20.15	10.52	10.28	0.06
17.60	10.09	9.85	0.08	20.20	10.53	10.29	0.06
17.65	10.10	9.86	0.08	20.25	10.54	10.30	0.06
17.70	10.11	9.87	0.08	20.30	10.55	10.31	0.06
17.75	10.12	9.88	0.07	20.35	10.55	10.31	0.06
17.80	10.13	9.89	0.07	20.40	10.56	10.32	0.06
17.85	10.14	9.90	0.07	20.45	10.57	10.33	0.06
17.90	10.15	9.91	0.07	20.50	10.58	10.34	0.06
17.95	10.16	9.92	0.07	20.55	10.58	10.34	0.06
18.00	10.17	9.92	0.07	20.60	10.59	10.35	0.06
18.05	10.17	9.93	0.07	20.65	10.60	10.36	0.06
18.10	10.18	9.94	0.07	20.70	10.61	10.37	0.06
18.15	10.19	9.95	0.07	20.75	10.61	10.37	0.06

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.06	23.40	10.97	10.73	0.05
20.85	10.63	10.39	0.06	23.45	10.97	10.73	0.05
20.90	10.64	10.39	0.06	23.50	10.98	10.74	0.05
20.95	10.64	10.40	0.06	23.55	10.99	10.74	0.05
21.00	10.65	10.41	0.06	23.60	10.99	10.75	0.05
21.05	10.66	10.42	0.06	23.65	11.00	10.76	0.05
21.10	10.66	10.42	0.06	23.70	11.00	10.76	0.05
21.15	10.67	10.43	0.06	23.75	11.01	10.77	0.04
21.20	10.68	10.44	0.06	23.80	11.01	10.77	0.04
21.25	10.69	10.45	0.06	23.85	11.02	10.78	0.04
21.30	10.69	10.45	0.06	23.90	11.03	10.78	0.05
21.35	10.70	10.46	0.05	23.95	11.03	10.79	0.05
21.40	10.71	10.47	0.05	24.00	11.04	10.80	0.04
21.45	10.71	10.47	0.05	24.05	11.04	10.80	0.00
21.50	10.72	10.48	0.05	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.05	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.05	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.05	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.05	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.05	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.05	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.05	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.05	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.05	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.05	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.05	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.05	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.05	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.05	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.05	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.05	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.05	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.05	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.05	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.05	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.05	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.05	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.05	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.05	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.05	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.05	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.05	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.05	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.05	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.05	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.05	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.05	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.05	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.05	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.05	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.05	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.05	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 32I: PDA-32 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 32P: PDA-32 (pervious)

Runoff = 8.19 cfs @ 12.16 hrs, Volume= 0.617 af, Depth= 7.72"
Routed to Pond B-32 : Basin #32

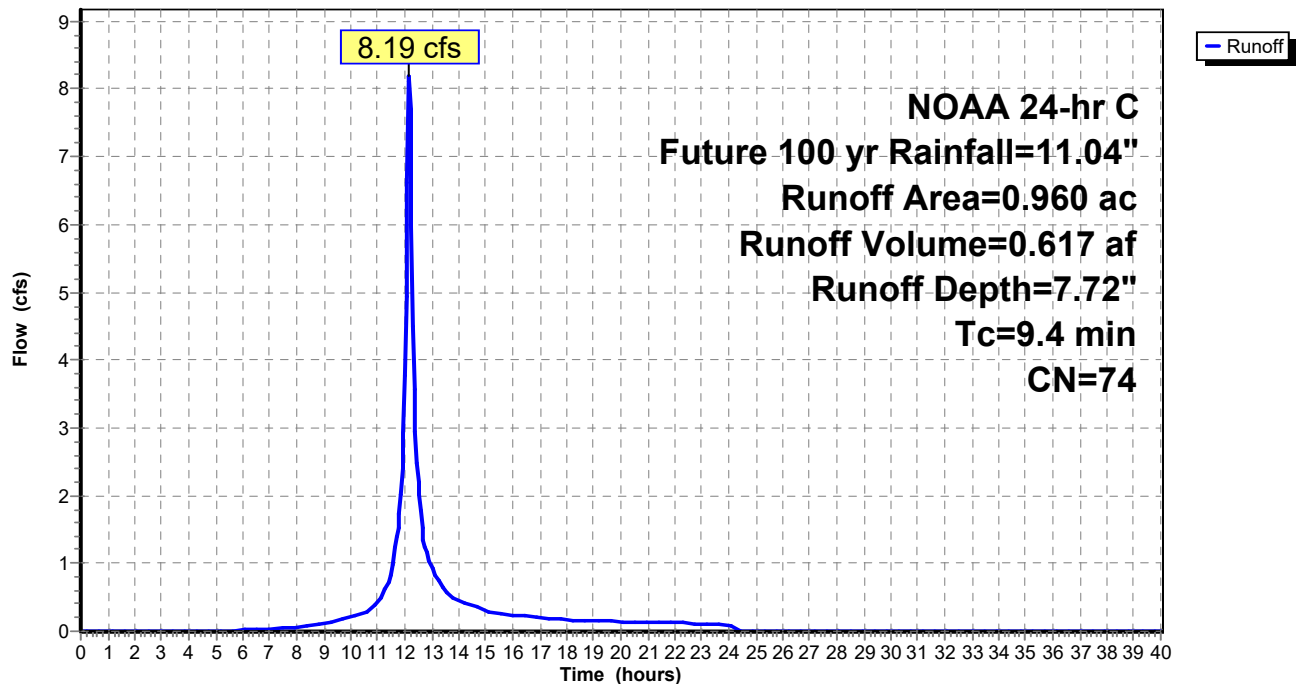
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.960	74	>75% Grass cover, Good, HSG C
0.960		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
9.4					Direct Entry,

Subcatchment 32P: PDA-32 (pervious)

Hydrograph



Hydrograph for Subcatchment 32P: PDA-32 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.07
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.09
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.09
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.10
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.10
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.10
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.11
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.12
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.13
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.14
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.14
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.15
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.15
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.16
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.16
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.17
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.17
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.18
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.18
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.19
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.20
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.20
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.21
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.21
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.22
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.23
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.23
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.24
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.25

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.25	13.00	8.39	5.28	0.96
10.45	2.25	0.47	0.26	13.05	8.43	5.32	0.91
10.50	2.28	0.49	0.27	13.10	8.48	5.36	0.86
10.55	2.31	0.50	0.27	13.15	8.52	5.39	0.81
10.60	2.34	0.52	0.29	13.20	8.56	5.43	0.77
10.65	2.37	0.54	0.30	13.25	8.60	5.46	0.74
10.70	2.41	0.56	0.32	13.30	8.63	5.50	0.71
10.75	2.44	0.58	0.34	13.35	8.67	5.53	0.68
10.80	2.48	0.60	0.36	13.40	8.70	5.56	0.65
10.85	2.52	0.62	0.38	13.45	8.73	5.59	0.63
10.90	2.56	0.64	0.40	13.50	8.76	5.61	0.60
10.95	2.61	0.67	0.42	13.55	8.79	5.64	0.57
11.00	2.65	0.69	0.45	13.60	8.82	5.67	0.54
11.05	2.70	0.72	0.47	13.65	8.85	5.69	0.52
11.10	2.75	0.75	0.50	13.70	8.87	5.71	0.50
11.15	2.80	0.79	0.54	13.75	8.90	5.74	0.49
11.20	2.86	0.82	0.58	13.80	8.93	5.76	0.48
11.25	2.92	0.86	0.62	13.85	8.95	5.79	0.47
11.30	2.98	0.90	0.66	13.90	8.98	5.81	0.46
11.35	3.05	0.94	0.70	13.95	9.00	5.83	0.45
11.40	3.12	0.98	0.75	14.00	9.03	5.85	0.45
11.45	3.19	1.03	0.79	14.05	9.05	5.88	0.44
11.50	3.26	1.08	0.84	14.10	9.07	5.90	0.43
11.55	3.37	1.15	0.90	14.15	9.10	5.92	0.43
11.60	3.49	1.23	1.05	14.20	9.12	5.94	0.42
11.65	3.60	1.31	1.24	14.25	9.14	5.96	0.41
11.70	3.72	1.39	1.39	14.30	9.16	5.98	0.40
11.75	3.88	1.51	1.52	14.35	9.19	6.00	0.40
11.80	4.04	1.63	1.73	14.40	9.21	6.02	0.39
11.85	4.27	1.79	2.01	14.45	9.23	6.04	0.38
11.90	4.49	1.96	2.40	14.50	9.25	6.06	0.38
11.95	4.88	2.27	2.91	14.55	9.27	6.07	0.37
12.00	5.26	2.57	3.77	14.60	9.29	6.09	0.36
12.05	5.91	3.11	4.95	14.65	9.31	6.11	0.35
12.10	6.55	3.65	6.60	14.70	9.32	6.13	0.35
12.15	6.77	3.85	8.11	14.75	9.34	6.14	0.34
12.20	7.00	4.04	7.70	14.80	9.36	6.16	0.33
12.25	7.16	4.18	5.96	14.85	9.38	6.17	0.33
12.30	7.32	4.32	4.51	14.90	9.40	6.19	0.32
12.35	7.44	4.43	3.58	14.95	9.41	6.21	0.31
12.40	7.55	4.53	2.94	15.00	9.43	6.22	0.30
12.45	7.67	4.63	2.47	15.05	9.44	6.23	0.30
12.50	7.78	4.73	2.19	15.10	9.46	6.25	0.29
12.55	7.85	4.79	2.02	15.15	9.47	6.26	0.28
12.60	7.92	4.86	1.79	15.20	9.49	6.28	0.28
12.65	7.99	4.92	1.53	15.25	9.50	6.29	0.27
12.70	8.06	4.98	1.35	15.30	9.52	6.30	0.27
12.75	8.12	5.03	1.25	15.35	9.53	6.32	0.27
12.80	8.18	5.09	1.18	15.40	9.55	6.33	0.27
12.85	8.24	5.14	1.12	15.45	9.56	6.34	0.27
12.90	8.29	5.19	1.07	15.50	9.58	6.36	0.26
12.95	8.34	5.23	1.01	15.55	9.59	6.37	0.26

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.26	18.20	10.20	6.93	0.16
15.65	9.62	6.40	0.26	18.25	10.21	6.94	0.16
15.70	9.64	6.41	0.26	18.30	10.22	6.95	0.16
15.75	9.65	6.42	0.25	18.35	10.23	6.96	0.16
15.80	9.66	6.44	0.25	18.40	10.24	6.97	0.16
15.85	9.68	6.45	0.25	18.45	10.24	6.97	0.16
15.90	9.69	6.46	0.25	18.50	10.25	6.98	0.16
15.95	9.70	6.47	0.25	18.55	10.26	6.99	0.16
16.00	9.72	6.49	0.24	18.60	10.27	7.00	0.16
16.05	9.73	6.50	0.24	18.65	10.28	7.01	0.16
16.10	9.74	6.51	0.24	18.70	10.29	7.01	0.15
16.15	9.76	6.52	0.24	18.75	10.30	7.02	0.15
16.20	9.77	6.54	0.24	18.80	10.30	7.03	0.15
16.25	9.78	6.55	0.24	18.85	10.31	7.04	0.15
16.30	9.80	6.56	0.23	18.90	10.32	7.04	0.15
16.35	9.81	6.57	0.23	18.95	10.33	7.05	0.15
16.40	9.82	6.58	0.23	19.00	10.34	7.06	0.15
16.45	9.83	6.59	0.23	19.05	10.35	7.07	0.15
16.50	9.85	6.60	0.23	19.10	10.35	7.08	0.15
16.55	9.86	6.62	0.22	19.15	10.36	7.08	0.15
16.60	9.87	6.63	0.22	19.20	10.37	7.09	0.15
16.65	9.88	6.64	0.22	19.25	10.38	7.10	0.15
16.70	9.89	6.65	0.22	19.30	10.39	7.11	0.15
16.75	9.91	6.66	0.22	19.35	10.40	7.11	0.15
16.80	9.92	6.67	0.21	19.40	10.40	7.12	0.15
16.85	9.93	6.68	0.21	19.45	10.41	7.13	0.15
16.90	9.94	6.69	0.21	19.50	10.42	7.14	0.15
16.95	9.95	6.70	0.21	19.55	10.43	7.14	0.15
17.00	9.96	6.71	0.21	19.60	10.44	7.15	0.15
17.05	9.97	6.72	0.20	19.65	10.44	7.16	0.15
17.10	9.99	6.73	0.20	19.70	10.45	7.17	0.14
17.15	10.00	6.74	0.20	19.75	10.46	7.17	0.14
17.20	10.01	6.75	0.20	19.80	10.47	7.18	0.14
17.25	10.02	6.76	0.20	19.85	10.48	7.19	0.14
17.30	10.03	6.77	0.19	19.90	10.48	7.20	0.14
17.35	10.04	6.78	0.19	19.95	10.49	7.20	0.14
17.40	10.05	6.79	0.19	20.00	10.50	7.21	0.14
17.45	10.06	6.80	0.19	20.05	10.51	7.22	0.14
17.50	10.07	6.81	0.19	20.10	10.52	7.23	0.14
17.55	10.08	6.82	0.18	20.15	10.52	7.23	0.14
17.60	10.09	6.83	0.18	20.20	10.53	7.24	0.14
17.65	10.10	6.84	0.18	20.25	10.54	7.25	0.14
17.70	10.11	6.85	0.18	20.30	10.55	7.25	0.14
17.75	10.12	6.86	0.18	20.35	10.55	7.26	0.14
17.80	10.13	6.87	0.17	20.40	10.56	7.27	0.14
17.85	10.14	6.87	0.17	20.45	10.57	7.28	0.14
17.90	10.15	6.88	0.17	20.50	10.58	7.28	0.14
17.95	10.16	6.89	0.17	20.55	10.58	7.29	0.14
18.00	10.17	6.90	0.17	20.60	10.59	7.30	0.14
18.05	10.17	6.91	0.17	20.65	10.60	7.30	0.14
18.10	10.18	6.92	0.16	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.16	20.75	10.61	7.32	0.14

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.13	23.40	10.97	7.65	0.11
20.85	10.63	7.33	0.13	23.45	10.97	7.65	0.11
20.90	10.64	7.34	0.13	23.50	10.98	7.66	0.11
20.95	10.64	7.34	0.13	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.13	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.13	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.13	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.13	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.13	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.13	23.85	11.02	7.70	0.10
21.30	10.69	7.39	0.13	23.90	11.03	7.70	0.10
21.35	10.70	7.40	0.13	23.95	11.03	7.71	0.10
21.40	10.71	7.40	0.13	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.13	24.05	11.04	7.72	0.11
21.50	10.72	7.42	0.13	24.10	11.04	7.72	0.09
21.55	10.73	7.42	0.13	24.15	11.04	7.72	0.05
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.13	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.12	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.12	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.12	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.12	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.12	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.12	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.12	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.12	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.12	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.12	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.12	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.12	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.12	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.12	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.12	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.12	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.11	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.11	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.11	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.11	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.11	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.11	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.11	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.11	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.11	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.11	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.11	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.11	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 32P: PDA-32 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 33I: PDA-33 (impervious)

Runoff = 10.86 cfs @ 12.10 hrs, Volume= 0.808 af, Depth=10.80"
 Routed to Pond B-33 : Basin #33

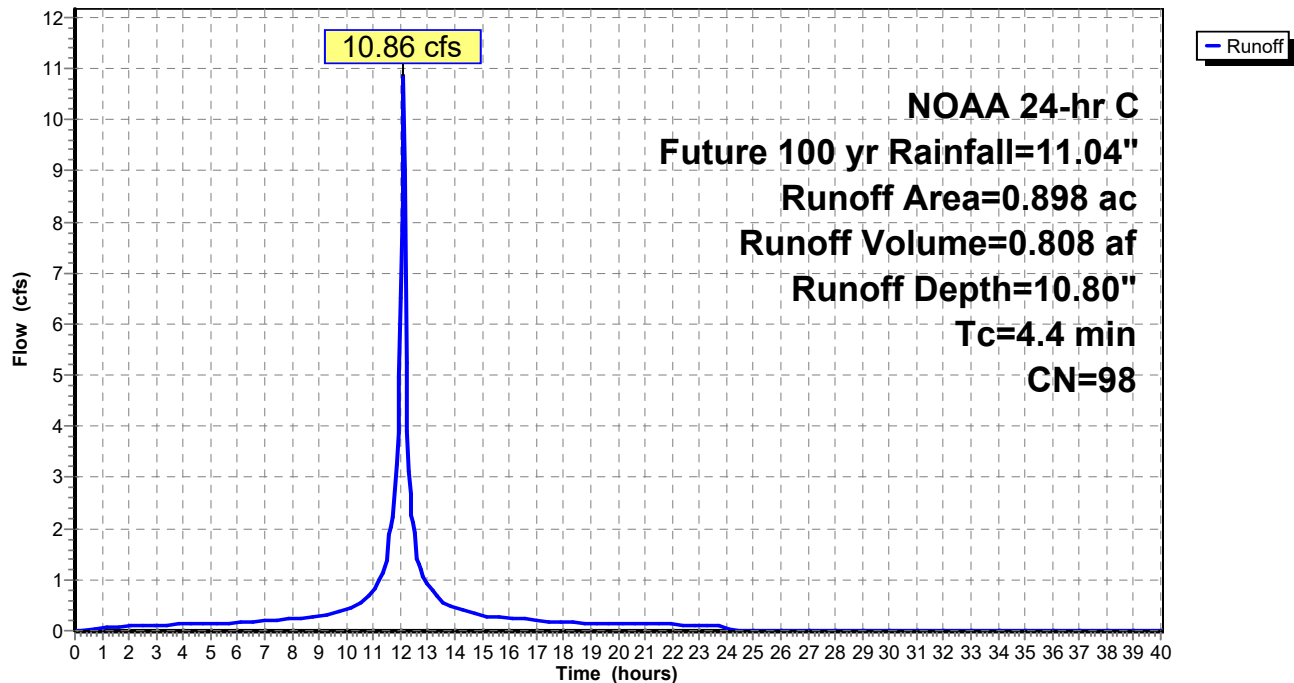
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.351	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.033	98	Concrete, HSC C
0.898	98	Weighted Average
0.898		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.4					Direct Entry,

Subcatchment 33I: PDA-33 (impervious)

Hydrograph



Hydrograph for Subcatchment 33I: PDA-33 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.11
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.11
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.11
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.11
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.12
0.65	0.08	0.01	0.03	3.25	0.43	0.25	0.12
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.12
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.12
0.80	0.10	0.01	0.04	3.40	0.45	0.27	0.12
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.12
0.95	0.11	0.02	0.05	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.05	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.06	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.06	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.13
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.13
1.30	0.16	0.04	0.07	3.90	0.52	0.34	0.13
1.35	0.16	0.05	0.07	3.95	0.53	0.35	0.13
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.13
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.13
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.13
1.55	0.19	0.06	0.08	4.15	0.56	0.38	0.13
1.60	0.20	0.07	0.08	4.20	0.57	0.38	0.13
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.09	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.09	4.50	0.62	0.43	0.14
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.14
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.14
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.14
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.14
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.14
2.20	0.28	0.13	0.10	4.80	0.67	0.47	0.14
2.25	0.28	0.13	0.10	4.85	0.68	0.48	0.14
2.30	0.29	0.14	0.10	4.90	0.69	0.49	0.14
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.14
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.23
5.25	0.74	0.55	0.15	7.85	1.28	1.07	0.23
5.30	0.75	0.55	0.15	7.90	1.30	1.08	0.23
5.35	0.76	0.56	0.15	7.95	1.31	1.09	0.23
5.40	0.77	0.57	0.15	8.00	1.32	1.11	0.24
5.45	0.78	0.58	0.15	8.05	1.34	1.12	0.24
5.50	0.79	0.59	0.15	8.10	1.35	1.13	0.24
5.55	0.80	0.59	0.15	8.15	1.36	1.15	0.24
5.60	0.80	0.60	0.15	8.20	1.38	1.16	0.24
5.65	0.81	0.61	0.15	8.25	1.39	1.17	0.25
5.70	0.82	0.62	0.15	8.30	1.40	1.19	0.25
5.75	0.83	0.63	0.15	8.35	1.42	1.20	0.25
5.80	0.84	0.64	0.15	8.40	1.43	1.21	0.25
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.25
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.26
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.26
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.26
6.05	0.88	0.68	0.16	8.65	1.51	1.29	0.26
6.10	0.89	0.69	0.16	8.70	1.52	1.30	0.26
6.15	0.90	0.70	0.16	8.75	1.54	1.32	0.27
6.20	0.91	0.71	0.16	8.80	1.55	1.33	0.27
6.25	0.92	0.71	0.16	8.85	1.57	1.35	0.27
6.30	0.93	0.72	0.17	8.90	1.58	1.36	0.27
6.35	0.94	0.73	0.17	8.95	1.60	1.38	0.27
6.40	0.95	0.74	0.17	9.00	1.61	1.39	0.28
6.45	0.96	0.75	0.17	9.05	1.63	1.41	0.28
6.50	0.97	0.76	0.17	9.10	1.64	1.42	0.29
6.55	0.98	0.77	0.18	9.15	1.66	1.44	0.30
6.60	0.99	0.78	0.18	9.20	1.68	1.46	0.30
6.65	1.00	0.79	0.18	9.25	1.70	1.47	0.31
6.70	1.01	0.80	0.18	9.30	1.72	1.49	0.32
6.75	1.02	0.81	0.18	9.35	1.73	1.51	0.33
6.80	1.03	0.82	0.19	9.40	1.75	1.53	0.33
6.85	1.04	0.83	0.19	9.45	1.77	1.55	0.34
6.90	1.05	0.84	0.19	9.50	1.79	1.57	0.35
6.95	1.07	0.85	0.19	9.55	1.81	1.59	0.36
7.00	1.08	0.87	0.19	9.60	1.83	1.61	0.36
7.05	1.09	0.88	0.20	9.65	1.85	1.63	0.37
7.10	1.10	0.89	0.20	9.70	1.88	1.65	0.38
7.15	1.11	0.90	0.20	9.75	1.90	1.67	0.39
7.20	1.12	0.91	0.20	9.80	1.92	1.69	0.39
7.25	1.13	0.92	0.20	9.85	1.94	1.72	0.40
7.30	1.15	0.93	0.21	9.90	1.97	1.74	0.41
7.35	1.16	0.94	0.21	9.95	1.99	1.76	0.42
7.40	1.17	0.96	0.21	10.00	2.01	1.79	0.42
7.45	1.18	0.97	0.21	10.05	2.04	1.81	0.43
7.50	1.19	0.98	0.22	10.10	2.06	1.84	0.44
7.55	1.21	0.99	0.22	10.15	2.09	1.86	0.45
7.60	1.22	1.00	0.22	10.20	2.11	1.89	0.45
7.65	1.23	1.02	0.22	10.25	2.14	1.91	0.46
7.70	1.24	1.03	0.22	10.30	2.17	1.94	0.47
7.75	1.26	1.04	0.22	10.35	2.19	1.97	0.48

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.48	13.00	8.39	8.15	0.92
10.45	2.25	2.02	0.49	13.05	8.43	8.19	0.87
10.50	2.28	2.05	0.50	13.10	8.48	8.24	0.81
10.55	2.31	2.08	0.52	13.15	8.52	8.28	0.78
10.60	2.34	2.11	0.55	13.20	8.56	8.32	0.74
10.65	2.37	2.14	0.58	13.25	8.60	8.36	0.72
10.70	2.41	2.18	0.61	13.30	8.63	8.39	0.69
10.75	2.44	2.21	0.63	13.35	8.67	8.43	0.66
10.80	2.48	2.25	0.66	13.40	8.70	8.46	0.63
10.85	2.52	2.29	0.69	13.45	8.73	8.49	0.60
10.90	2.56	2.33	0.72	13.50	8.76	8.52	0.57
10.95	2.61	2.38	0.75	13.55	8.79	8.55	0.55
11.00	2.65	2.42	0.78	13.60	8.82	8.58	0.51
11.05	2.70	2.47	0.82	13.65	8.85	8.61	0.50
11.10	2.75	2.52	0.88	13.70	8.87	8.63	0.49
11.15	2.80	2.57	0.93	13.75	8.90	8.66	0.49
11.20	2.86	2.63	0.99	13.80	8.93	8.69	0.48
11.25	2.92	2.69	1.03	13.85	8.95	8.71	0.47
11.30	2.98	2.75	1.09	13.90	8.98	8.74	0.46
11.35	3.05	2.82	1.14	13.95	9.00	8.76	0.46
11.40	3.12	2.89	1.20	14.00	9.03	8.79	0.45
11.45	3.19	2.96	1.24	14.05	9.05	8.81	0.44
11.50	3.26	3.03	1.29	14.10	9.07	8.83	0.43
11.55	3.37	3.14	1.53	14.15	9.10	8.86	0.43
11.60	3.49	3.25	1.90	14.20	9.12	8.88	0.42
11.65	3.60	3.37	2.03	14.25	9.14	8.90	0.41
11.70	3.72	3.49	2.10	14.30	9.16	8.92	0.40
11.75	3.88	3.65	2.38	14.35	9.19	8.95	0.40
11.80	4.04	3.81	2.79	14.40	9.21	8.97	0.39
11.85	4.27	4.03	3.26	14.45	9.23	8.99	0.38
11.90	4.49	4.25	3.87	14.50	9.25	9.01	0.37
11.95	4.88	4.64	4.97	14.55	9.27	9.03	0.37
12.00	5.26	5.02	6.53	14.60	9.29	9.05	0.36
12.05	5.91	5.67	8.43	14.65	9.31	9.07	0.35
12.10	6.55	6.31	10.85	14.70	9.32	9.08	0.34
12.15	6.77	6.53	9.01	14.75	9.34	9.10	0.34
12.20	7.00	6.76	5.24	14.80	9.36	9.12	0.33
12.25	7.16	6.92	3.90	14.85	9.38	9.14	0.32
12.30	7.32	7.08	3.13	14.90	9.40	9.15	0.31
12.35	7.44	7.20	2.69	14.95	9.41	9.17	0.31
12.40	7.55	7.31	2.26	15.00	9.43	9.19	0.30
12.45	7.67	7.43	2.11	15.05	9.44	9.20	0.29
12.50	7.78	7.54	2.04	15.10	9.46	9.22	0.28
12.55	7.85	7.61	1.79	15.15	9.47	9.23	0.28
12.60	7.92	7.68	1.42	15.20	9.49	9.25	0.28
12.65	7.99	7.75	1.30	15.25	9.50	9.26	0.27
12.70	8.06	7.82	1.24	15.30	9.52	9.28	0.27
12.75	8.12	7.88	1.19	15.35	9.53	9.29	0.27
12.80	8.18	7.94	1.13	15.40	9.55	9.31	0.27
12.85	8.24	8.00	1.08	15.45	9.56	9.32	0.27
12.90	8.29	8.05	1.02	15.50	9.58	9.34	0.26
12.95	8.34	8.10	0.97	15.55	9.59	9.35	0.26

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.26	18.20	10.20	9.96	0.16
15.65	9.62	9.38	0.26	18.25	10.21	9.97	0.16
15.70	9.64	9.39	0.26	18.30	10.22	9.98	0.16
15.75	9.65	9.41	0.25	18.35	10.23	9.99	0.16
15.80	9.66	9.42	0.25	18.40	10.24	9.99	0.16
15.85	9.68	9.44	0.25	18.45	10.24	10.00	0.16
15.90	9.69	9.45	0.25	18.50	10.25	10.01	0.16
15.95	9.70	9.46	0.25	18.55	10.26	10.02	0.16
16.00	9.72	9.48	0.24	18.60	10.27	10.03	0.16
16.05	9.73	9.49	0.24	18.65	10.28	10.04	0.16
16.10	9.74	9.50	0.24	18.70	10.29	10.05	0.16
16.15	9.76	9.52	0.24	18.75	10.30	10.05	0.15
16.20	9.77	9.53	0.24	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.24	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.23	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.23	18.95	10.33	10.09	0.15
16.40	9.82	9.58	0.23	19.00	10.34	10.10	0.15
16.45	9.83	9.59	0.23	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.22	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.22	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.22	19.20	10.37	10.13	0.15
16.65	9.88	9.64	0.22	19.25	10.38	10.14	0.15
16.70	9.89	9.65	0.22	19.30	10.39	10.15	0.15
16.75	9.91	9.66	0.22	19.35	10.40	10.15	0.15
16.80	9.92	9.68	0.21	19.40	10.40	10.16	0.15
16.85	9.93	9.69	0.21	19.45	10.41	10.17	0.15
16.90	9.94	9.70	0.21	19.50	10.42	10.18	0.15
16.95	9.95	9.71	0.21	19.55	10.43	10.19	0.15
17.00	9.96	9.72	0.21	19.60	10.44	10.20	0.15
17.05	9.97	9.73	0.20	19.65	10.44	10.20	0.15
17.10	9.99	9.74	0.20	19.70	10.45	10.21	0.15
17.15	10.00	9.76	0.20	19.75	10.46	10.22	0.14
17.20	10.01	9.77	0.20	19.80	10.47	10.23	0.14
17.25	10.02	9.78	0.20	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.19	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.19	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.19	20.00	10.50	10.26	0.14
17.45	10.06	9.82	0.19	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.19	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.18	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.14
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.14
17.70	10.11	9.87	0.18	20.30	10.55	10.31	0.14
17.75	10.12	9.88	0.18	20.35	10.55	10.31	0.14
17.80	10.13	9.89	0.17	20.40	10.56	10.32	0.14
17.85	10.14	9.90	0.17	20.45	10.57	10.33	0.14
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.14
17.95	10.16	9.92	0.17	20.55	10.58	10.34	0.14
18.00	10.17	9.92	0.17	20.60	10.59	10.35	0.14
18.05	10.17	9.93	0.16	20.65	10.60	10.36	0.14
18.10	10.18	9.94	0.16	20.70	10.61	10.37	0.14
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.13

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.13	23.40	10.97	10.73	0.11
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.11
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.11
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.11
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.11
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.11
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.11
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.13	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.13	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.13	23.95	11.03	10.79	0.11
21.40	10.71	10.47	0.13	24.00	11.04	10.80	0.12
21.45	10.71	10.47	0.13	24.05	11.04	10.80	0.09
21.50	10.72	10.48	0.13	24.10	11.04	10.80	0.02
21.55	10.73	10.49	0.13	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.13	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.13	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.13	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.12	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.12	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.12	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.12	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.12	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.12	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.12	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.12	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.12	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.12	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.11	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 33I: PDA-33 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 33P: PDA-33 (pervious)

Runoff = 9.39 cfs @ 12.06 hrs, Volume= 0.555 af, Depth= 7.72"
 Routed to Pond B-33 : Basin #33

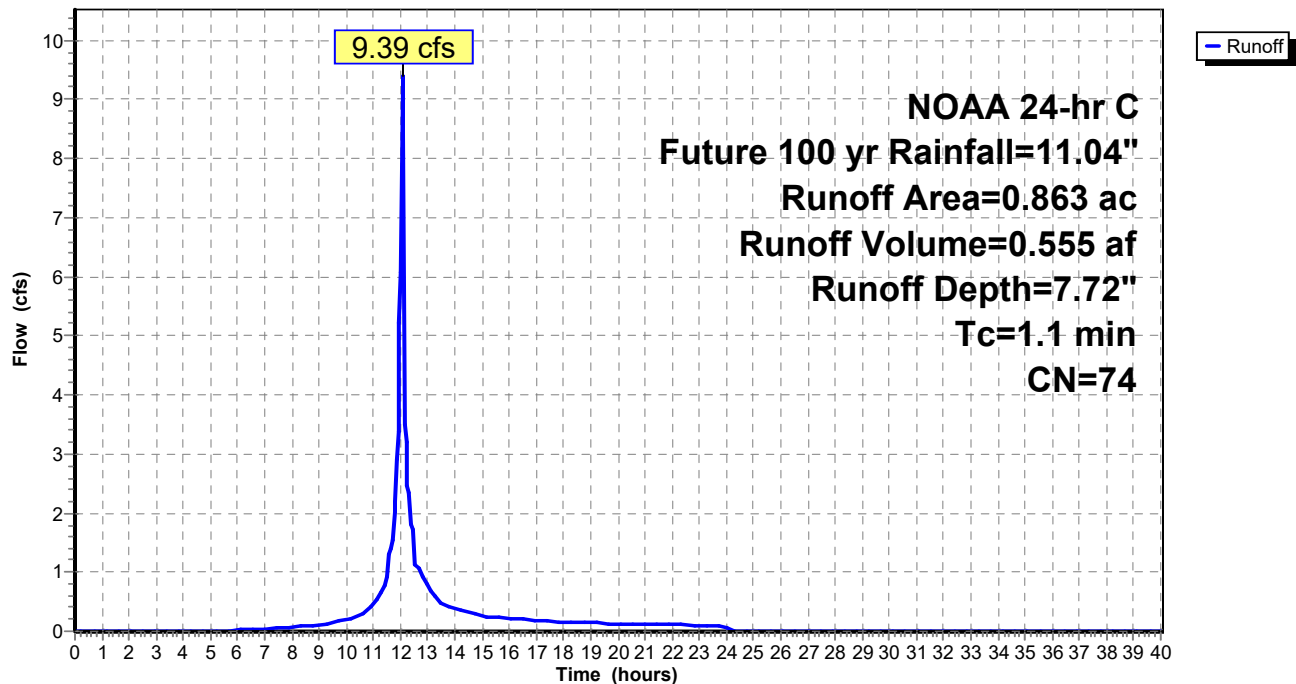
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.863	74	>75% Grass cover, Good, HSG C
0.863		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.1					Direct Entry,

Subcatchment 33P: PDA-33 (pervious)

Hydrograph



Hydrograph for Subcatchment 33P: PDA-33 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.06
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.07
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.07
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.08
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.08
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.09
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.09
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.12
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.12
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.13
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.14
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.14
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.15
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.15
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.16
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.16
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.17
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.17
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.18
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.18
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.19
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.19
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.20
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.21
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.21
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.22
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.23
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.23
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.24

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.24	13.00	8.39	5.28	0.76
10.45	2.25	0.47	0.25	13.05	8.43	5.32	0.69
10.50	2.28	0.49	0.26	13.10	8.48	5.36	0.68
10.55	2.31	0.50	0.28	13.15	8.52	5.39	0.64
10.60	2.34	0.52	0.29	13.20	8.56	5.43	0.63
10.65	2.37	0.54	0.32	13.25	8.60	5.46	0.59
10.70	2.41	0.56	0.33	13.30	8.63	5.50	0.58
10.75	2.44	0.58	0.36	13.35	8.67	5.53	0.54
10.80	2.48	0.60	0.37	13.40	8.70	5.56	0.53
10.85	2.52	0.62	0.40	13.45	8.73	5.59	0.49
10.90	2.56	0.64	0.41	13.50	8.76	5.61	0.48
10.95	2.61	0.67	0.44	13.55	8.79	5.64	0.44
11.00	2.65	0.69	0.46	13.60	8.82	5.67	0.44
11.05	2.70	0.72	0.51	13.65	8.85	5.69	0.43
11.10	2.75	0.75	0.53	13.70	8.87	5.71	0.43
11.15	2.80	0.79	0.59	13.75	8.90	5.74	0.42
11.20	2.86	0.82	0.61	13.80	8.93	5.76	0.41
11.25	2.92	0.86	0.66	13.85	8.95	5.79	0.40
11.30	2.98	0.90	0.69	13.90	8.98	5.81	0.40
11.35	3.05	0.94	0.75	13.95	9.00	5.83	0.39
11.40	3.12	0.98	0.77	14.00	9.03	5.85	0.39
11.45	3.19	1.03	0.82	14.05	9.05	5.88	0.38
11.50	3.26	1.08	0.91	14.10	9.07	5.90	0.37
11.55	3.37	1.15	1.30	14.15	9.10	5.92	0.37
11.60	3.49	1.23	1.34	14.20	9.12	5.94	0.36
11.65	3.60	1.31	1.42	14.25	9.14	5.96	0.35
11.70	3.72	1.39	1.54	14.30	9.16	5.98	0.35
11.75	3.88	1.51	2.01	14.35	9.19	6.00	0.34
11.80	4.04	1.63	2.20	14.40	9.21	6.02	0.34
11.85	4.27	1.79	2.89	14.45	9.23	6.04	0.33
11.90	4.49	1.96	3.37	14.50	9.25	6.06	0.32
11.95	4.88	2.27	5.22	14.55	9.27	6.07	0.31
12.00	5.26	2.57	6.06	14.60	9.29	6.09	0.31
12.05	5.91	3.11	9.22	14.65	9.31	6.11	0.30
12.10	6.55	3.65	8.42	14.70	9.32	6.13	0.30
12.15	6.77	3.85	3.49	14.75	9.34	6.14	0.29
12.20	7.00	4.04	3.21	14.80	9.36	6.16	0.28
12.25	7.16	4.18	2.47	14.85	9.38	6.17	0.27
12.30	7.32	4.32	2.34	14.90	9.40	6.19	0.27
12.35	7.44	4.43	1.82	14.95	9.41	6.21	0.26
12.40	7.55	4.53	1.79	15.00	9.43	6.22	0.26
12.45	7.67	4.63	1.72	15.05	9.44	6.23	0.25
12.50	7.78	4.73	1.62	15.10	9.46	6.25	0.25
12.55	7.85	4.79	1.13	15.15	9.47	6.26	0.24
12.60	7.92	4.86	1.11	15.20	9.49	6.28	0.24
12.65	7.99	4.92	1.05	15.25	9.50	6.29	0.24
12.70	8.06	4.98	1.03	15.30	9.52	6.30	0.24
12.75	8.12	5.03	0.96	15.35	9.53	6.32	0.24
12.80	8.18	5.09	0.94	15.40	9.55	6.33	0.24
12.85	8.24	5.14	0.87	15.45	9.56	6.34	0.23
12.90	8.29	5.19	0.85	15.50	9.58	6.36	0.23
12.95	8.34	5.23	0.78	15.55	9.59	6.37	0.23

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.23	18.20	10.20	6.93	0.14
15.65	9.62	6.40	0.23	18.25	10.21	6.94	0.14
15.70	9.64	6.41	0.23	18.30	10.22	6.95	0.14
15.75	9.65	6.42	0.22	18.35	10.23	6.96	0.14
15.80	9.66	6.44	0.22	18.40	10.24	6.97	0.14
15.85	9.68	6.45	0.22	18.45	10.24	6.97	0.14
15.90	9.69	6.46	0.22	18.50	10.25	6.98	0.14
15.95	9.70	6.47	0.22	18.55	10.26	6.99	0.14
16.00	9.72	6.49	0.22	18.60	10.27	7.00	0.14
16.05	9.73	6.50	0.21	18.65	10.28	7.01	0.14
16.10	9.74	6.51	0.21	18.70	10.29	7.01	0.14
16.15	9.76	6.52	0.21	18.75	10.30	7.02	0.14
16.20	9.77	6.54	0.21	18.80	10.30	7.03	0.14
16.25	9.78	6.55	0.21	18.85	10.31	7.04	0.14
16.30	9.80	6.56	0.21	18.90	10.32	7.04	0.14
16.35	9.81	6.57	0.20	18.95	10.33	7.05	0.14
16.40	9.82	6.58	0.20	19.00	10.34	7.06	0.14
16.45	9.83	6.59	0.20	19.05	10.35	7.07	0.13
16.50	9.85	6.60	0.20	19.10	10.35	7.08	0.13
16.55	9.86	6.62	0.20	19.15	10.36	7.08	0.13
16.60	9.87	6.63	0.20	19.20	10.37	7.09	0.13
16.65	9.88	6.64	0.19	19.25	10.38	7.10	0.13
16.70	9.89	6.65	0.19	19.30	10.39	7.11	0.13
16.75	9.91	6.66	0.19	19.35	10.40	7.11	0.13
16.80	9.92	6.67	0.19	19.40	10.40	7.12	0.13
16.85	9.93	6.68	0.19	19.45	10.41	7.13	0.13
16.90	9.94	6.69	0.18	19.50	10.42	7.14	0.13
16.95	9.95	6.70	0.18	19.55	10.43	7.14	0.13
17.00	9.96	6.71	0.18	19.60	10.44	7.15	0.13
17.05	9.97	6.72	0.18	19.65	10.44	7.16	0.13
17.10	9.99	6.73	0.18	19.70	10.45	7.17	0.13
17.15	10.00	6.74	0.18	19.75	10.46	7.17	0.13
17.20	10.01	6.75	0.17	19.80	10.47	7.18	0.13
17.25	10.02	6.76	0.17	19.85	10.48	7.19	0.13
17.30	10.03	6.77	0.17	19.90	10.48	7.20	0.13
17.35	10.04	6.78	0.17	19.95	10.49	7.20	0.13
17.40	10.05	6.79	0.17	20.00	10.50	7.21	0.13
17.45	10.06	6.80	0.16	20.05	10.51	7.22	0.13
17.50	10.07	6.81	0.16	20.10	10.52	7.23	0.13
17.55	10.08	6.82	0.16	20.15	10.52	7.23	0.13
17.60	10.09	6.83	0.16	20.20	10.53	7.24	0.13
17.65	10.10	6.84	0.16	20.25	10.54	7.25	0.12
17.70	10.11	6.85	0.16	20.30	10.55	7.25	0.12
17.75	10.12	6.86	0.15	20.35	10.55	7.26	0.12
17.80	10.13	6.87	0.15	20.40	10.56	7.27	0.12
17.85	10.14	6.87	0.15	20.45	10.57	7.28	0.12
17.90	10.15	6.88	0.15	20.50	10.58	7.28	0.12
17.95	10.16	6.89	0.15	20.55	10.58	7.29	0.12
18.00	10.17	6.90	0.15	20.60	10.59	7.30	0.12
18.05	10.17	6.91	0.14	20.65	10.60	7.30	0.12
18.10	10.18	6.92	0.14	20.70	10.61	7.31	0.12
18.15	10.19	6.92	0.14	20.75	10.61	7.32	0.12

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.12	23.40	10.97	7.65	0.10
20.85	10.63	7.33	0.12	23.45	10.97	7.65	0.10
20.90	10.64	7.34	0.12	23.50	10.98	7.66	0.10
20.95	10.64	7.34	0.12	23.55	10.99	7.66	0.10
21.00	10.65	7.35	0.12	23.60	10.99	7.67	0.10
21.05	10.66	7.36	0.12	23.65	11.00	7.67	0.10
21.10	10.66	7.36	0.12	23.70	11.00	7.68	0.09
21.15	10.67	7.37	0.12	23.75	11.01	7.69	0.09
21.20	10.68	7.38	0.12	23.80	11.01	7.69	0.09
21.25	10.69	7.38	0.12	23.85	11.02	7.70	0.09
21.30	10.69	7.39	0.12	23.90	11.03	7.70	0.10
21.35	10.70	7.40	0.11	23.95	11.03	7.71	0.11
21.40	10.71	7.40	0.11	24.00	11.04	7.72	0.09
21.45	10.71	7.41	0.11	24.05	11.04	7.72	0.00
21.50	10.72	7.42	0.11	24.10	11.04	7.72	0.00
21.55	10.73	7.42	0.11	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.11	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.11	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.11	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.11	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.11	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.11	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.11	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.11	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.11	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.11	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.11	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.11	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.11	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.11	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.11	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.11	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.11	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.10	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.10	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.10	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.10	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.10	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.10	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.10	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.10	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.10	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.10	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.10	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.10	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.10	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.10	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.10	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.10	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.10	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.10	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.10	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 33P: PDA-33 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 34I: PDA-34 (impervious)

Runoff = 5.49 cfs @ 12.06 hrs, Volume= 0.379 af, Depth=10.80"
 Routed to Pond B-34 : Basin #34

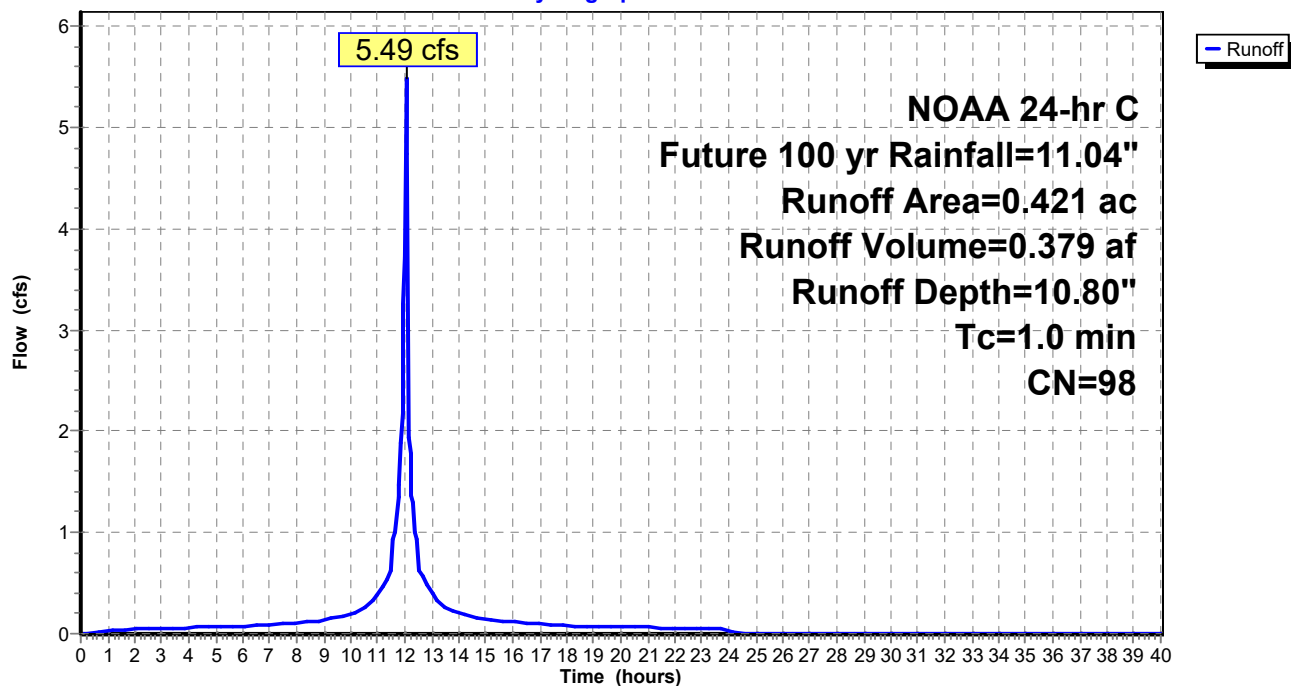
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.279	98	Roof, HSG C
* 0.142	98	Concrete, HSC C
0.421	98	Weighted Average
0.421		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 34I: PDA-34 (impervious)

Hydrograph



Hydrograph for Subcatchment 34I: PDA-34 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.05
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.05
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.05
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.05
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.05
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.05
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.05
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.05
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.05
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.05
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.05
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.05
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.05
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.06
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.06
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.06
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.06
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.06
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.06
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.06
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.06
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.06
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.06
1.15	0.14	0.03	0.03	3.75	0.50	0.32	0.06
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.06
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.06
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.06
1.35	0.16	0.05	0.03	3.95	0.53	0.35	0.06
1.40	0.17	0.05	0.03	4.00	0.54	0.35	0.06
1.45	0.18	0.05	0.03	4.05	0.55	0.36	0.06
1.50	0.18	0.06	0.04	4.10	0.56	0.37	0.06
1.55	0.19	0.06	0.04	4.15	0.56	0.38	0.06
1.60	0.20	0.07	0.04	4.20	0.57	0.38	0.06
1.65	0.20	0.07	0.04	4.25	0.58	0.39	0.06
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.06
1.75	0.22	0.08	0.04	4.35	0.60	0.41	0.06
1.80	0.22	0.09	0.04	4.40	0.60	0.41	0.06
1.85	0.23	0.09	0.04	4.45	0.61	0.42	0.06
1.90	0.24	0.10	0.04	4.50	0.62	0.43	0.06
1.95	0.24	0.10	0.04	4.55	0.63	0.44	0.06
2.00	0.25	0.11	0.04	4.60	0.64	0.44	0.06
2.05	0.26	0.11	0.04	4.65	0.64	0.45	0.06
2.10	0.26	0.12	0.04	4.70	0.65	0.46	0.07
2.15	0.27	0.12	0.04	4.75	0.66	0.47	0.07
2.20	0.28	0.13	0.05	4.80	0.67	0.47	0.07
2.25	0.28	0.13	0.05	4.85	0.68	0.48	0.07
2.30	0.29	0.14	0.05	4.90	0.69	0.49	0.07
2.35	0.30	0.14	0.05	4.95	0.69	0.50	0.07
2.40	0.30	0.15	0.05	5.00	0.70	0.51	0.07
2.45	0.31	0.15	0.05	5.05	0.71	0.51	0.07
2.50	0.32	0.16	0.05	5.10	0.72	0.52	0.07
2.55	0.33	0.17	0.05	5.15	0.73	0.53	0.07

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.07	7.80	1.27	1.05	0.11
5.25	0.74	0.55	0.07	7.85	1.28	1.07	0.11
5.30	0.75	0.55	0.07	7.90	1.30	1.08	0.11
5.35	0.76	0.56	0.07	7.95	1.31	1.09	0.11
5.40	0.77	0.57	0.07	8.00	1.32	1.11	0.11
5.45	0.78	0.58	0.07	8.05	1.34	1.12	0.11
5.50	0.79	0.59	0.07	8.10	1.35	1.13	0.11
5.55	0.80	0.59	0.07	8.15	1.36	1.15	0.11
5.60	0.80	0.60	0.07	8.20	1.38	1.16	0.11
5.65	0.81	0.61	0.07	8.25	1.39	1.17	0.12
5.70	0.82	0.62	0.07	8.30	1.40	1.19	0.12
5.75	0.83	0.63	0.07	8.35	1.42	1.20	0.12
5.80	0.84	0.64	0.07	8.40	1.43	1.21	0.12
5.85	0.85	0.64	0.07	8.45	1.45	1.23	0.12
5.90	0.86	0.65	0.07	8.50	1.46	1.24	0.12
5.95	0.87	0.66	0.07	8.55	1.48	1.26	0.12
6.00	0.87	0.67	0.07	8.60	1.49	1.27	0.12
6.05	0.88	0.68	0.07	8.65	1.51	1.29	0.12
6.10	0.89	0.69	0.07	8.70	1.52	1.30	0.12
6.15	0.90	0.70	0.08	8.75	1.54	1.32	0.13
6.20	0.91	0.71	0.08	8.80	1.55	1.33	0.13
6.25	0.92	0.71	0.08	8.85	1.57	1.35	0.13
6.30	0.93	0.72	0.08	8.90	1.58	1.36	0.13
6.35	0.94	0.73	0.08	8.95	1.60	1.38	0.13
6.40	0.95	0.74	0.08	9.00	1.61	1.39	0.13
6.45	0.96	0.75	0.08	9.05	1.63	1.41	0.14
6.50	0.97	0.76	0.08	9.10	1.64	1.42	0.14
6.55	0.98	0.77	0.08	9.15	1.66	1.44	0.14
6.60	0.99	0.78	0.08	9.20	1.68	1.46	0.14
6.65	1.00	0.79	0.09	9.25	1.70	1.47	0.15
6.70	1.01	0.80	0.09	9.30	1.72	1.49	0.15
6.75	1.02	0.81	0.09	9.35	1.73	1.51	0.16
6.80	1.03	0.82	0.09	9.40	1.75	1.53	0.16
6.85	1.04	0.83	0.09	9.45	1.77	1.55	0.16
6.90	1.05	0.84	0.09	9.50	1.79	1.57	0.17
6.95	1.07	0.85	0.09	9.55	1.81	1.59	0.17
7.00	1.08	0.87	0.09	9.60	1.83	1.61	0.17
7.05	1.09	0.88	0.09	9.65	1.85	1.63	0.18
7.10	1.10	0.89	0.09	9.70	1.88	1.65	0.18
7.15	1.11	0.90	0.10	9.75	1.90	1.67	0.19
7.20	1.12	0.91	0.10	9.80	1.92	1.69	0.19
7.25	1.13	0.92	0.10	9.85	1.94	1.72	0.19
7.30	1.15	0.93	0.10	9.90	1.97	1.74	0.19
7.35	1.16	0.94	0.10	9.95	1.99	1.76	0.20
7.40	1.17	0.96	0.10	10.00	2.01	1.79	0.20
7.45	1.18	0.97	0.10	10.05	2.04	1.81	0.21
7.50	1.19	0.98	0.10	10.10	2.06	1.84	0.21
7.55	1.21	0.99	0.10	10.15	2.09	1.86	0.21
7.60	1.22	1.00	0.10	10.20	2.11	1.89	0.22
7.65	1.23	1.02	0.10	10.25	2.14	1.91	0.22
7.70	1.24	1.03	0.11	10.30	2.17	1.94	0.22
7.75	1.26	1.04	0.11	10.35	2.19	1.97	0.23

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.23	13.00	8.39	8.15	0.41
10.45	2.25	2.02	0.24	13.05	8.43	8.19	0.37
10.50	2.28	2.05	0.24	13.10	8.48	8.24	0.37
10.55	2.31	2.08	0.26	13.15	8.52	8.28	0.34
10.60	2.34	2.11	0.27	13.20	8.56	8.32	0.34
10.65	2.37	2.14	0.29	13.25	8.60	8.36	0.32
10.70	2.41	2.18	0.29	13.30	8.63	8.39	0.31
10.75	2.44	2.21	0.32	13.35	8.67	8.43	0.29
10.80	2.48	2.25	0.32	13.40	8.70	8.46	0.28
10.85	2.52	2.29	0.34	13.45	8.73	8.49	0.26
10.90	2.56	2.33	0.35	13.50	8.76	8.52	0.26
10.95	2.61	2.38	0.37	13.55	8.79	8.55	0.24
11.00	2.65	2.42	0.38	13.60	8.82	8.58	0.24
11.05	2.70	2.47	0.42	13.65	8.85	8.61	0.23
11.10	2.75	2.52	0.43	13.70	8.87	8.63	0.23
11.15	2.80	2.57	0.47	13.75	8.90	8.66	0.22
11.20	2.86	2.63	0.48	13.80	8.93	8.69	0.22
11.25	2.92	2.69	0.52	13.85	8.95	8.71	0.22
11.30	2.98	2.75	0.53	13.90	8.98	8.74	0.21
11.35	3.05	2.82	0.57	13.95	9.00	8.76	0.21
11.40	3.12	2.89	0.58	14.00	9.03	8.79	0.21
11.45	3.19	2.96	0.61	14.05	9.05	8.81	0.20
11.50	3.26	3.03	0.68	14.10	9.07	8.83	0.20
11.55	3.37	3.14	0.94	14.15	9.10	8.86	0.19
11.60	3.49	3.25	0.95	14.20	9.12	8.88	0.19
11.65	3.60	3.37	0.99	14.25	9.14	8.90	0.19
11.70	3.72	3.49	1.07	14.30	9.16	8.92	0.19
11.75	3.88	3.65	1.36	14.35	9.19	8.95	0.18
11.80	4.04	3.81	1.47	14.40	9.21	8.97	0.18
11.85	4.27	4.03	1.89	14.45	9.23	8.99	0.17
11.90	4.49	4.25	2.18	14.50	9.25	9.01	0.17
11.95	4.88	4.64	3.25	14.55	9.27	9.03	0.17
12.00	5.26	5.02	3.72	14.60	9.29	9.05	0.16
12.05	5.91	5.67	5.43	14.65	9.31	9.07	0.16
12.10	6.55	6.31	4.74	14.70	9.32	9.08	0.16
12.15	6.77	6.53	1.94	14.75	9.34	9.10	0.15
12.20	7.00	6.76	1.79	14.80	9.36	9.12	0.15
12.25	7.16	6.92	1.37	14.85	9.38	9.14	0.15
12.30	7.32	7.08	1.29	14.90	9.40	9.15	0.14
12.35	7.44	7.20	1.00	14.95	9.41	9.17	0.14
12.40	7.55	7.31	0.99	15.00	9.43	9.19	0.14
12.45	7.67	7.43	0.95	15.05	9.44	9.20	0.13
12.50	7.78	7.54	0.88	15.10	9.46	9.22	0.13
12.55	7.85	7.61	0.62	15.15	9.47	9.23	0.13
12.60	7.92	7.68	0.60	15.20	9.49	9.25	0.13
12.65	7.99	7.75	0.57	15.25	9.50	9.26	0.13
12.70	8.06	7.82	0.56	15.30	9.52	9.28	0.13
12.75	8.12	7.88	0.52	15.35	9.53	9.29	0.13
12.80	8.18	7.94	0.51	15.40	9.55	9.31	0.13
12.85	8.24	8.00	0.47	15.45	9.56	9.32	0.12
12.90	8.29	8.05	0.46	15.50	9.58	9.34	0.12
12.95	8.34	8.10	0.42	15.55	9.59	9.35	0.12

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.12	18.20	10.20	9.96	0.07
15.65	9.62	9.38	0.12	18.25	10.21	9.97	0.07
15.70	9.64	9.39	0.12	18.30	10.22	9.98	0.07
15.75	9.65	9.41	0.12	18.35	10.23	9.99	0.07
15.80	9.66	9.42	0.12	18.40	10.24	9.99	0.07
15.85	9.68	9.44	0.12	18.45	10.24	10.00	0.07
15.90	9.69	9.45	0.12	18.50	10.25	10.01	0.07
15.95	9.70	9.46	0.11	18.55	10.26	10.02	0.07
16.00	9.72	9.48	0.11	18.60	10.27	10.03	0.07
16.05	9.73	9.49	0.11	18.65	10.28	10.04	0.07
16.10	9.74	9.50	0.11	18.70	10.29	10.05	0.07
16.15	9.76	9.52	0.11	18.75	10.30	10.05	0.07
16.20	9.77	9.53	0.11	18.80	10.30	10.06	0.07
16.25	9.78	9.54	0.11	18.85	10.31	10.07	0.07
16.30	9.80	9.55	0.11	18.90	10.32	10.08	0.07
16.35	9.81	9.57	0.11	18.95	10.33	10.09	0.07
16.40	9.82	9.58	0.11	19.00	10.34	10.10	0.07
16.45	9.83	9.59	0.10	19.05	10.35	10.11	0.07
16.50	9.85	9.60	0.10	19.10	10.35	10.11	0.07
16.55	9.86	9.62	0.10	19.15	10.36	10.12	0.07
16.60	9.87	9.63	0.10	19.20	10.37	10.13	0.07
16.65	9.88	9.64	0.10	19.25	10.38	10.14	0.07
16.70	9.89	9.65	0.10	19.30	10.39	10.15	0.07
16.75	9.91	9.66	0.10	19.35	10.40	10.15	0.07
16.80	9.92	9.68	0.10	19.40	10.40	10.16	0.07
16.85	9.93	9.69	0.10	19.45	10.41	10.17	0.07
16.90	9.94	9.70	0.10	19.50	10.42	10.18	0.07
16.95	9.95	9.71	0.10	19.55	10.43	10.19	0.07
17.00	9.96	9.72	0.10	19.60	10.44	10.20	0.07
17.05	9.97	9.73	0.09	19.65	10.44	10.20	0.07
17.10	9.99	9.74	0.09	19.70	10.45	10.21	0.07
17.15	10.00	9.76	0.09	19.75	10.46	10.22	0.07
17.20	10.01	9.77	0.09	19.80	10.47	10.23	0.07
17.25	10.02	9.78	0.09	19.85	10.48	10.24	0.07
17.30	10.03	9.79	0.09	19.90	10.48	10.24	0.07
17.35	10.04	9.80	0.09	19.95	10.49	10.25	0.07
17.40	10.05	9.81	0.09	20.00	10.50	10.26	0.07
17.45	10.06	9.82	0.09	20.05	10.51	10.27	0.07
17.50	10.07	9.83	0.09	20.10	10.52	10.27	0.07
17.55	10.08	9.84	0.08	20.15	10.52	10.28	0.07
17.60	10.09	9.85	0.08	20.20	10.53	10.29	0.07
17.65	10.10	9.86	0.08	20.25	10.54	10.30	0.07
17.70	10.11	9.87	0.08	20.30	10.55	10.31	0.07
17.75	10.12	9.88	0.08	20.35	10.55	10.31	0.06
17.80	10.13	9.89	0.08	20.40	10.56	10.32	0.06
17.85	10.14	9.90	0.08	20.45	10.57	10.33	0.06
17.90	10.15	9.91	0.08	20.50	10.58	10.34	0.06
17.95	10.16	9.92	0.08	20.55	10.58	10.34	0.06
18.00	10.17	9.92	0.08	20.60	10.59	10.35	0.06
18.05	10.17	9.93	0.08	20.65	10.60	10.36	0.06
18.10	10.18	9.94	0.08	20.70	10.61	10.37	0.06
18.15	10.19	9.95	0.07	20.75	10.61	10.37	0.06

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.06	23.40	10.97	10.73	0.05
20.85	10.63	10.39	0.06	23.45	10.97	10.73	0.05
20.90	10.64	10.39	0.06	23.50	10.98	10.74	0.05
20.95	10.64	10.40	0.06	23.55	10.99	10.74	0.05
21.00	10.65	10.41	0.06	23.60	10.99	10.75	0.05
21.05	10.66	10.42	0.06	23.65	11.00	10.76	0.05
21.10	10.66	10.42	0.06	23.70	11.00	10.76	0.05
21.15	10.67	10.43	0.06	23.75	11.01	10.77	0.05
21.20	10.68	10.44	0.06	23.80	11.01	10.77	0.05
21.25	10.69	10.45	0.06	23.85	11.02	10.78	0.05
21.30	10.69	10.45	0.06	23.90	11.03	10.78	0.05
21.35	10.70	10.46	0.06	23.95	11.03	10.79	0.06
21.40	10.71	10.47	0.06	24.00	11.04	10.80	0.05
21.45	10.71	10.47	0.06	24.05	11.04	10.80	0.00
21.50	10.72	10.48	0.06	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.06	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.06	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.06	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.06	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.06	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.06	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.06	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.06	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.06	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.06	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.06	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.06	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.06	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.06	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.06	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.06	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.06	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.06	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.05	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.05	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.05	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.05	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.05	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.05	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.05	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.05	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.05	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.05	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.05	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.05	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.05	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.05	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.05	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.05	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.05	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.05	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.05	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 34I: PDA-34 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 34P: PDA-34 (pervious)

Runoff = 13.25 cfs @ 12.11 hrs, Volume= 0.873 af, Depth= 7.72"
 Routed to Pond B-34 : Basin #34

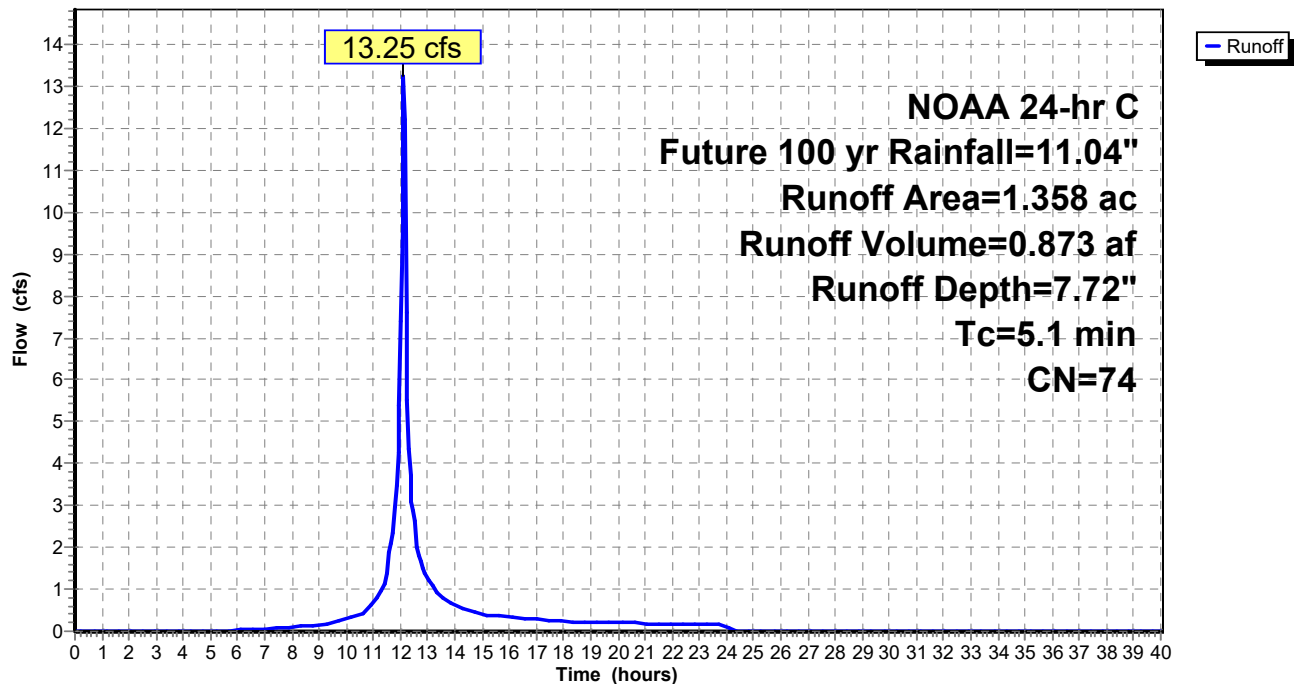
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.358	74	>75% Grass cover, Good, HSG C
1.358		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.1					Direct Entry,

Subcatchment 34P: PDA-34 (pervious)

Hydrograph



Hydrograph for Subcatchment 34P: PDA-34 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.10
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.11
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.11
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.12
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.12
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.12
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.12
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.13
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.13
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.13
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.14
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.14
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.14
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.14
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.15
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.15
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.15
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.16
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.16
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.17
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.18
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.18
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.19
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.20
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.20
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.21
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.22
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.22
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.23
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.24
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.25
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.25
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.26
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.27
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.28
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.29
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.30
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.31
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.31
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.32
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.33
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.34
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.35
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.36

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.37	13.00	8.39	5.28	1.26
10.45	2.25	0.47	0.38	13.05	8.43	5.32	1.20
10.50	2.28	0.49	0.39	13.10	8.48	5.36	1.12
10.55	2.31	0.50	0.41	13.15	8.52	5.39	1.07
10.60	2.34	0.52	0.44	13.20	8.56	5.43	1.02
10.65	2.37	0.54	0.46	13.25	8.60	5.46	0.99
10.70	2.41	0.56	0.49	13.30	8.63	5.50	0.95
10.75	2.44	0.58	0.52	13.35	8.67	5.53	0.91
10.80	2.48	0.60	0.55	13.40	8.70	5.56	0.87
10.85	2.52	0.62	0.58	13.45	8.73	5.59	0.84
10.90	2.56	0.64	0.61	13.50	8.76	5.61	0.79
10.95	2.61	0.67	0.64	13.55	8.79	5.64	0.76
11.00	2.65	0.69	0.68	13.60	8.82	5.67	0.71
11.05	2.70	0.72	0.72	13.65	8.85	5.69	0.69
11.10	2.75	0.75	0.78	13.70	8.87	5.71	0.68
11.15	2.80	0.79	0.83	13.75	8.90	5.74	0.67
11.20	2.86	0.82	0.90	13.80	8.93	5.76	0.66
11.25	2.92	0.86	0.95	13.85	8.95	5.79	0.65
11.30	2.98	0.90	1.02	13.90	8.98	5.81	0.64
11.35	3.05	0.94	1.08	13.95	9.00	5.83	0.63
11.40	3.12	0.98	1.15	14.00	9.03	5.85	0.62
11.45	3.19	1.03	1.20	14.05	9.05	5.88	0.61
11.50	3.26	1.08	1.27	14.10	9.07	5.90	0.60
11.55	3.37	1.15	1.47	14.15	9.10	5.92	0.59
11.60	3.49	1.23	1.87	14.20	9.12	5.94	0.58
11.65	3.60	1.31	2.07	14.25	9.14	5.96	0.57
11.70	3.72	1.39	2.20	14.30	9.16	5.98	0.56
11.75	3.88	1.51	2.46	14.35	9.19	6.00	0.55
11.80	4.04	1.63	2.96	14.40	9.21	6.02	0.54
11.85	4.27	1.79	3.48	14.45	9.23	6.04	0.53
11.90	4.49	1.96	4.25	14.50	9.25	6.06	0.52
11.95	4.88	2.27	5.40	14.55	9.27	6.07	0.51
12.00	5.26	2.57	7.41	14.60	9.29	6.09	0.50
12.05	5.91	3.11	9.64	14.65	9.31	6.11	0.49
12.10	6.55	3.65	13.06	14.70	9.32	6.13	0.48
12.15	6.77	3.85	12.20	14.75	9.34	6.14	0.47
12.20	7.00	4.04	7.59	14.80	9.36	6.16	0.46
12.25	7.16	4.18	5.50	14.85	9.38	6.17	0.45
12.30	7.32	4.32	4.34	14.90	9.40	6.19	0.44
12.35	7.44	4.43	3.72	14.95	9.41	6.21	0.43
12.40	7.55	4.53	3.11	15.00	9.43	6.22	0.41
12.45	7.67	4.63	2.87	15.05	9.44	6.23	0.41
12.50	7.78	4.73	2.75	15.10	9.46	6.25	0.39
12.55	7.85	4.79	2.50	15.15	9.47	6.26	0.39
12.60	7.92	4.86	1.99	15.20	9.49	6.28	0.38
12.65	7.99	4.92	1.79	15.25	9.50	6.29	0.38
12.70	8.06	4.98	1.69	15.30	9.52	6.30	0.38
12.75	8.12	5.03	1.63	15.35	9.53	6.32	0.38
12.80	8.18	5.09	1.55	15.40	9.55	6.33	0.37
12.85	8.24	5.14	1.49	15.45	9.56	6.34	0.37
12.90	8.29	5.19	1.41	15.50	9.58	6.36	0.37
12.95	8.34	5.23	1.34	15.55	9.59	6.37	0.37

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.36	18.20	10.20	6.93	0.22
15.65	9.62	6.40	0.36	18.25	10.21	6.94	0.22
15.70	9.64	6.41	0.36	18.30	10.22	6.95	0.22
15.75	9.65	6.42	0.36	18.35	10.23	6.96	0.22
15.80	9.66	6.44	0.35	18.40	10.24	6.97	0.22
15.85	9.68	6.45	0.35	18.45	10.24	6.97	0.22
15.90	9.69	6.46	0.35	18.50	10.25	6.98	0.22
15.95	9.70	6.47	0.35	18.55	10.26	6.99	0.22
16.00	9.72	6.49	0.34	18.60	10.27	7.00	0.22
16.05	9.73	6.50	0.34	18.65	10.28	7.01	0.22
16.10	9.74	6.51	0.34	18.70	10.29	7.01	0.22
16.15	9.76	6.52	0.33	18.75	10.30	7.02	0.22
16.20	9.77	6.54	0.33	18.80	10.30	7.03	0.22
16.25	9.78	6.55	0.33	18.85	10.31	7.04	0.22
16.30	9.80	6.56	0.33	18.90	10.32	7.04	0.22
16.35	9.81	6.57	0.32	18.95	10.33	7.05	0.21
16.40	9.82	6.58	0.32	19.00	10.34	7.06	0.21
16.45	9.83	6.59	0.32	19.05	10.35	7.07	0.21
16.50	9.85	6.60	0.31	19.10	10.35	7.08	0.21
16.55	9.86	6.62	0.31	19.15	10.36	7.08	0.21
16.60	9.87	6.63	0.31	19.20	10.37	7.09	0.21
16.65	9.88	6.64	0.31	19.25	10.38	7.10	0.21
16.70	9.89	6.65	0.30	19.30	10.39	7.11	0.21
16.75	9.91	6.66	0.30	19.35	10.40	7.11	0.21
16.80	9.92	6.67	0.30	19.40	10.40	7.12	0.21
16.85	9.93	6.68	0.30	19.45	10.41	7.13	0.21
16.90	9.94	6.69	0.29	19.50	10.42	7.14	0.21
16.95	9.95	6.70	0.29	19.55	10.43	7.14	0.21
17.00	9.96	6.71	0.29	19.60	10.44	7.15	0.21
17.05	9.97	6.72	0.29	19.65	10.44	7.16	0.20
17.10	9.99	6.73	0.28	19.70	10.45	7.17	0.20
17.15	10.00	6.74	0.28	19.75	10.46	7.17	0.20
17.20	10.01	6.75	0.28	19.80	10.47	7.18	0.20
17.25	10.02	6.76	0.27	19.85	10.48	7.19	0.20
17.30	10.03	6.77	0.27	19.90	10.48	7.20	0.20
17.35	10.04	6.78	0.27	19.95	10.49	7.20	0.20
17.40	10.05	6.79	0.27	20.00	10.50	7.21	0.20
17.45	10.06	6.80	0.26	20.05	10.51	7.22	0.20
17.50	10.07	6.81	0.26	20.10	10.52	7.23	0.20
17.55	10.08	6.82	0.26	20.15	10.52	7.23	0.20
17.60	10.09	6.83	0.25	20.20	10.53	7.24	0.20
17.65	10.10	6.84	0.25	20.25	10.54	7.25	0.20
17.70	10.11	6.85	0.25	20.30	10.55	7.25	0.20
17.75	10.12	6.86	0.25	20.35	10.55	7.26	0.20
17.80	10.13	6.87	0.24	20.40	10.56	7.27	0.19
17.85	10.14	6.87	0.24	20.45	10.57	7.28	0.19
17.90	10.15	6.88	0.24	20.50	10.58	7.28	0.19
17.95	10.16	6.89	0.24	20.55	10.58	7.29	0.19
18.00	10.17	6.90	0.23	20.60	10.59	7.30	0.19
18.05	10.17	6.91	0.23	20.65	10.60	7.30	0.19
18.10	10.18	6.92	0.23	20.70	10.61	7.31	0.19
18.15	10.19	6.92	0.23	20.75	10.61	7.32	0.19

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.19	23.40	10.97	7.65	0.15
20.85	10.63	7.33	0.19	23.45	10.97	7.65	0.15
20.90	10.64	7.34	0.19	23.50	10.98	7.66	0.15
20.95	10.64	7.34	0.19	23.55	10.99	7.66	0.15
21.00	10.65	7.35	0.19	23.60	10.99	7.67	0.15
21.05	10.66	7.36	0.19	23.65	11.00	7.67	0.15
21.10	10.66	7.36	0.18	23.70	11.00	7.68	0.15
21.15	10.67	7.37	0.18	23.75	11.01	7.69	0.15
21.20	10.68	7.38	0.18	23.80	11.01	7.69	0.15
21.25	10.69	7.38	0.18	23.85	11.02	7.70	0.15
21.30	10.69	7.39	0.18	23.90	11.03	7.70	0.15
21.35	10.70	7.40	0.18	23.95	11.03	7.71	0.15
21.40	10.71	7.40	0.18	24.00	11.04	7.72	0.17
21.45	10.71	7.41	0.18	24.05	11.04	7.72	0.14
21.50	10.72	7.42	0.18	24.10	11.04	7.72	0.04
21.55	10.73	7.42	0.18	24.15	11.04	7.72	0.01
21.60	10.74	7.43	0.18	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.18	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.18	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.18	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.18	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.18	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.17	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.17	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.17	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.17	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.17	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.17	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.17	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.17	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.17	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.17	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.17	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.17	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.17	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.17	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.17	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.16	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.16	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.16	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.16	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.16	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.16	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.16	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.16	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.16	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.16	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.16	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.16	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.16	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.15	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.15	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 34P: PDA-34 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 35I: PDA-35 (impervious)

Runoff = 16.86 cfs @ 12.09 hrs, Volume= 1.176 af, Depth=10.80"
 Routed to Pond B-35 : Basin #35

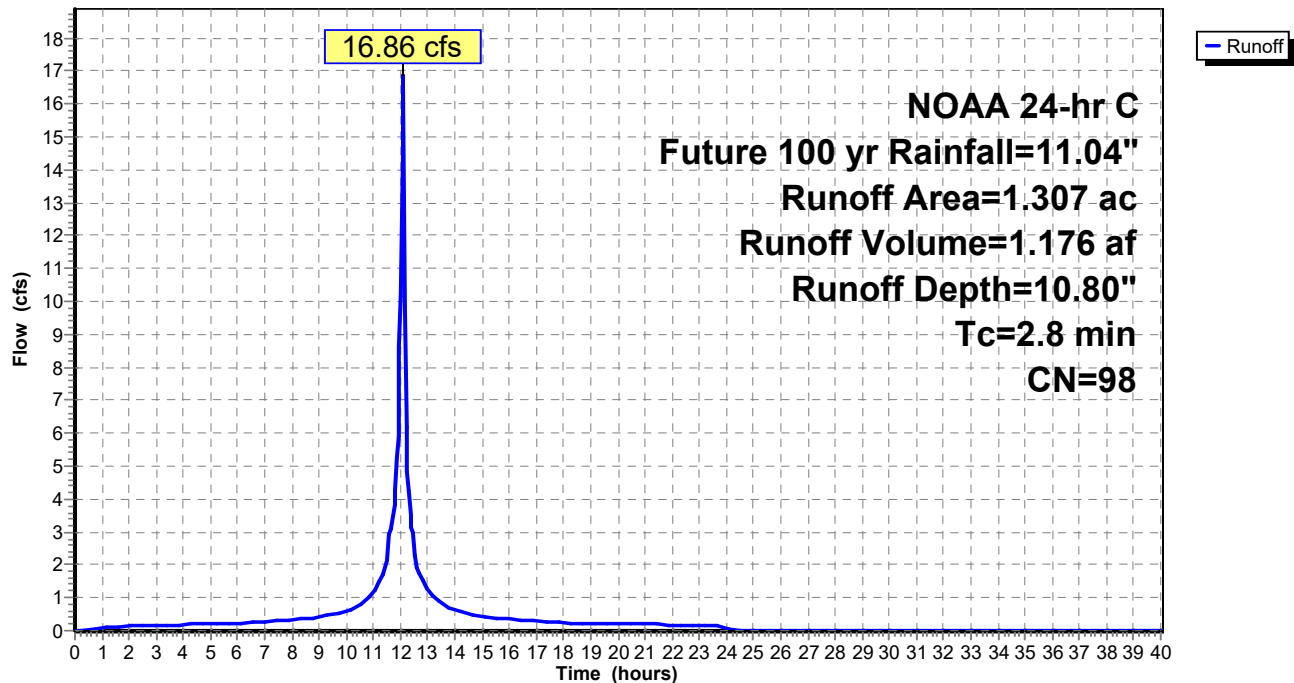
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 1.003	98	Pavement, HSG C
* 0.139	98	Roof, HSG C
* 0.165	98	Concrete, HSC C
1.307	98	Weighted Average
1.307		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.8					Direct Entry,

Subcatchment 35I: PDA-35 (impervious)

Hydrograph



Hydrograph for Subcatchment 35I: PDA-35 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.15
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.15
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.16
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.16
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.16
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.16
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.16
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.16
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.16
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.17
0.50	0.06	0.00	0.02	3.10	0.40	0.23	0.17
0.55	0.07	0.00	0.03	3.15	0.41	0.24	0.17
0.60	0.07	0.00	0.03	3.20	0.42	0.25	0.17
0.65	0.08	0.01	0.04	3.25	0.43	0.25	0.17
0.70	0.08	0.01	0.05	3.30	0.43	0.26	0.17
0.75	0.09	0.01	0.05	3.35	0.44	0.27	0.17
0.80	0.10	0.01	0.06	3.40	0.45	0.27	0.17
0.85	0.10	0.01	0.06	3.45	0.46	0.28	0.18
0.90	0.11	0.02	0.07	3.50	0.46	0.29	0.18
0.95	0.11	0.02	0.07	3.55	0.47	0.29	0.18
1.00	0.12	0.02	0.07	3.60	0.48	0.30	0.18
1.05	0.13	0.03	0.08	3.65	0.49	0.31	0.18
1.10	0.13	0.03	0.08	3.70	0.49	0.31	0.18
1.15	0.14	0.03	0.09	3.75	0.50	0.32	0.18
1.20	0.15	0.04	0.09	3.80	0.51	0.33	0.18
1.25	0.15	0.04	0.09	3.85	0.52	0.33	0.18
1.30	0.16	0.04	0.10	3.90	0.52	0.34	0.19
1.35	0.16	0.05	0.10	3.95	0.53	0.35	0.19
1.40	0.17	0.05	0.10	4.00	0.54	0.35	0.19
1.45	0.18	0.05	0.11	4.05	0.55	0.36	0.19
1.50	0.18	0.06	0.11	4.10	0.56	0.37	0.19
1.55	0.19	0.06	0.11	4.15	0.56	0.38	0.19
1.60	0.20	0.07	0.11	4.20	0.57	0.38	0.19
1.65	0.20	0.07	0.12	4.25	0.58	0.39	0.19
1.70	0.21	0.08	0.12	4.30	0.59	0.40	0.20
1.75	0.22	0.08	0.12	4.35	0.60	0.41	0.20
1.80	0.22	0.09	0.12	4.40	0.60	0.41	0.20
1.85	0.23	0.09	0.13	4.45	0.61	0.42	0.20
1.90	0.24	0.10	0.13	4.50	0.62	0.43	0.20
1.95	0.24	0.10	0.13	4.55	0.63	0.44	0.20
2.00	0.25	0.11	0.13	4.60	0.64	0.44	0.20
2.05	0.26	0.11	0.13	4.65	0.64	0.45	0.20
2.10	0.26	0.12	0.14	4.70	0.65	0.46	0.20
2.15	0.27	0.12	0.14	4.75	0.66	0.47	0.20
2.20	0.28	0.13	0.14	4.80	0.67	0.47	0.20
2.25	0.28	0.13	0.14	4.85	0.68	0.48	0.20
2.30	0.29	0.14	0.14	4.90	0.69	0.49	0.21
2.35	0.30	0.14	0.15	4.95	0.69	0.50	0.21
2.40	0.30	0.15	0.15	5.00	0.70	0.51	0.21
2.45	0.31	0.15	0.15	5.05	0.71	0.51	0.21
2.50	0.32	0.16	0.15	5.10	0.72	0.52	0.21
2.55	0.33	0.17	0.15	5.15	0.73	0.53	0.21

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.21	7.80	1.27	1.05	0.33
5.25	0.74	0.55	0.21	7.85	1.28	1.07	0.34
5.30	0.75	0.55	0.21	7.90	1.30	1.08	0.34
5.35	0.76	0.56	0.21	7.95	1.31	1.09	0.34
5.40	0.77	0.57	0.21	8.00	1.32	1.11	0.34
5.45	0.78	0.58	0.22	8.05	1.34	1.12	0.35
5.50	0.79	0.59	0.22	8.10	1.35	1.13	0.35
5.55	0.80	0.59	0.22	8.15	1.36	1.15	0.35
5.60	0.80	0.60	0.22	8.20	1.38	1.16	0.36
5.65	0.81	0.61	0.22	8.25	1.39	1.17	0.36
5.70	0.82	0.62	0.22	8.30	1.40	1.19	0.36
5.75	0.83	0.63	0.22	8.35	1.42	1.20	0.36
5.80	0.84	0.64	0.22	8.40	1.43	1.21	0.37
5.85	0.85	0.64	0.22	8.45	1.45	1.23	0.37
5.90	0.86	0.65	0.22	8.50	1.46	1.24	0.37
5.95	0.87	0.66	0.22	8.55	1.48	1.26	0.38
6.00	0.87	0.67	0.23	8.60	1.49	1.27	0.38
6.05	0.88	0.68	0.23	8.65	1.51	1.29	0.38
6.10	0.89	0.69	0.23	8.70	1.52	1.30	0.39
6.15	0.90	0.70	0.23	8.75	1.54	1.32	0.39
6.20	0.91	0.71	0.24	8.80	1.55	1.33	0.39
6.25	0.92	0.71	0.24	8.85	1.57	1.35	0.39
6.30	0.93	0.72	0.24	8.90	1.58	1.36	0.40
6.35	0.94	0.73	0.25	8.95	1.60	1.38	0.40
6.40	0.95	0.74	0.25	9.00	1.61	1.39	0.40
6.45	0.96	0.75	0.25	9.05	1.63	1.41	0.42
6.50	0.97	0.76	0.25	9.10	1.64	1.42	0.42
6.55	0.98	0.77	0.26	9.15	1.66	1.44	0.44
6.60	0.99	0.78	0.26	9.20	1.68	1.46	0.45
6.65	1.00	0.79	0.26	9.25	1.70	1.47	0.46
6.70	1.01	0.80	0.27	9.30	1.72	1.49	0.47
6.75	1.02	0.81	0.27	9.35	1.73	1.51	0.48
6.80	1.03	0.82	0.27	9.40	1.75	1.53	0.49
6.85	1.04	0.83	0.28	9.45	1.77	1.55	0.50
6.90	1.05	0.84	0.28	9.50	1.79	1.57	0.51
6.95	1.07	0.85	0.28	9.55	1.81	1.59	0.53
7.00	1.08	0.87	0.28	9.60	1.83	1.61	0.53
7.05	1.09	0.88	0.29	9.65	1.85	1.63	0.55
7.10	1.10	0.89	0.29	9.70	1.88	1.65	0.55
7.15	1.11	0.90	0.29	9.75	1.90	1.67	0.57
7.20	1.12	0.91	0.30	9.80	1.92	1.69	0.58
7.25	1.13	0.92	0.30	9.85	1.94	1.72	0.59
7.30	1.15	0.93	0.30	9.90	1.97	1.74	0.60
7.35	1.16	0.94	0.31	9.95	1.99	1.76	0.61
7.40	1.17	0.96	0.31	10.00	2.01	1.79	0.62
7.45	1.18	0.97	0.31	10.05	2.04	1.81	0.63
7.50	1.19	0.98	0.31	10.10	2.06	1.84	0.64
7.55	1.21	0.99	0.32	10.15	2.09	1.86	0.66
7.60	1.22	1.00	0.32	10.20	2.11	1.89	0.67
7.65	1.23	1.02	0.32	10.25	2.14	1.91	0.68
7.70	1.24	1.03	0.33	10.30	2.17	1.94	0.69
7.75	1.26	1.04	0.33	10.35	2.19	1.97	0.70

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.71	13.00	8.39	8.15	1.31
10.45	2.25	2.02	0.72	13.05	8.43	8.19	1.21
10.50	2.28	2.05	0.73	13.10	8.48	8.24	1.16
10.55	2.31	2.08	0.78	13.15	8.52	8.28	1.10
10.60	2.34	2.11	0.81	13.20	8.56	8.32	1.07
10.65	2.37	2.14	0.87	13.25	8.60	8.36	1.02
10.70	2.41	2.18	0.90	13.30	8.63	8.39	0.99
10.75	2.44	2.21	0.95	13.35	8.67	8.43	0.93
10.80	2.48	2.25	0.98	13.40	8.70	8.46	0.90
10.85	2.52	2.29	1.03	13.45	8.73	8.49	0.85
10.90	2.56	2.33	1.06	13.50	8.76	8.52	0.82
10.95	2.61	2.38	1.12	13.55	8.79	8.55	0.77
11.00	2.65	2.42	1.15	13.60	8.82	8.58	0.74
11.05	2.70	2.47	1.25	13.65	8.85	8.61	0.72
11.10	2.75	2.52	1.30	13.70	8.87	8.63	0.71
11.15	2.80	2.57	1.40	13.75	8.90	8.66	0.70
11.20	2.86	2.63	1.46	13.80	8.93	8.69	0.69
11.25	2.92	2.69	1.56	13.85	8.95	8.71	0.68
11.30	2.98	2.75	1.61	13.90	8.98	8.74	0.67
11.35	3.05	2.82	1.72	13.95	9.00	8.76	0.66
11.40	3.12	2.89	1.77	14.00	9.03	8.79	0.65
11.45	3.19	2.96	1.85	14.05	9.05	8.81	0.63
11.50	3.26	3.03	1.91	14.10	9.07	8.83	0.63
11.55	3.37	3.14	2.56	14.15	9.10	8.86	0.61
11.60	3.49	3.25	2.91	14.20	9.12	8.88	0.61
11.65	3.60	3.37	3.03	14.25	9.14	8.90	0.59
11.70	3.72	3.49	3.11	14.30	9.16	8.92	0.58
11.75	3.88	3.65	3.82	14.35	9.19	8.95	0.57
11.80	4.04	3.81	4.24	14.40	9.21	8.97	0.56
11.85	4.27	4.03	5.29	14.45	9.23	8.99	0.55
11.90	4.49	4.25	5.93	14.50	9.25	9.01	0.54
11.95	4.88	4.64	8.62	14.55	9.27	9.03	0.52
12.00	5.26	5.02	10.18	14.60	9.29	9.05	0.52
12.05	5.91	5.67	14.52	14.65	9.31	9.07	0.50
12.10	6.55	6.31	16.55	14.70	9.32	9.08	0.49
12.15	6.77	6.53	9.85	14.75	9.34	9.10	0.48
12.20	7.00	6.76	6.15	14.80	9.36	9.12	0.47
12.25	7.16	6.92	4.84	14.85	9.38	9.14	0.46
12.30	7.32	7.08	4.26	14.90	9.40	9.15	0.45
12.35	7.44	7.20	3.51	14.95	9.41	9.17	0.44
12.40	7.55	7.31	3.12	15.00	9.43	9.19	0.43
12.45	7.67	7.43	3.00	15.05	9.44	9.20	0.42
12.50	7.78	7.54	2.92	15.10	9.46	9.22	0.41
12.55	7.85	7.61	2.27	15.15	9.47	9.23	0.40
12.60	7.92	7.68	1.92	15.20	9.49	9.25	0.40
12.65	7.99	7.75	1.82	15.25	9.50	9.26	0.40
12.70	8.06	7.82	1.78	15.30	9.52	9.28	0.40
12.75	8.12	7.88	1.68	15.35	9.53	9.29	0.39
12.80	8.18	7.94	1.62	15.40	9.55	9.31	0.39
12.85	8.24	8.00	1.52	15.45	9.56	9.32	0.39
12.90	8.29	8.05	1.47	15.50	9.58	9.34	0.38
12.95	8.34	8.10	1.37	15.55	9.59	9.35	0.38

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.38	18.20	10.20	9.96	0.23
15.65	9.62	9.38	0.37	18.25	10.21	9.97	0.23
15.70	9.64	9.39	0.37	18.30	10.22	9.98	0.23
15.75	9.65	9.41	0.37	18.35	10.23	9.99	0.23
15.80	9.66	9.42	0.37	18.40	10.24	9.99	0.23
15.85	9.68	9.44	0.36	18.45	10.24	10.00	0.23
15.90	9.69	9.45	0.36	18.50	10.25	10.01	0.23
15.95	9.70	9.46	0.36	18.55	10.26	10.02	0.23
16.00	9.72	9.48	0.35	18.60	10.27	10.03	0.23
16.05	9.73	9.49	0.35	18.65	10.28	10.04	0.23
16.10	9.74	9.50	0.35	18.70	10.29	10.05	0.23
16.15	9.76	9.52	0.35	18.75	10.30	10.05	0.22
16.20	9.77	9.53	0.34	18.80	10.30	10.06	0.22
16.25	9.78	9.54	0.34	18.85	10.31	10.07	0.22
16.30	9.80	9.55	0.34	18.90	10.32	10.08	0.22
16.35	9.81	9.57	0.33	18.95	10.33	10.09	0.22
16.40	9.82	9.58	0.33	19.00	10.34	10.10	0.22
16.45	9.83	9.59	0.33	19.05	10.35	10.11	0.22
16.50	9.85	9.60	0.33	19.10	10.35	10.11	0.22
16.55	9.86	9.62	0.32	19.15	10.36	10.12	0.22
16.60	9.87	9.63	0.32	19.20	10.37	10.13	0.22
16.65	9.88	9.64	0.32	19.25	10.38	10.14	0.22
16.70	9.89	9.65	0.32	19.30	10.39	10.15	0.22
16.75	9.91	9.66	0.31	19.35	10.40	10.15	0.22
16.80	9.92	9.68	0.31	19.40	10.40	10.16	0.22
16.85	9.93	9.69	0.31	19.45	10.41	10.17	0.21
16.90	9.94	9.70	0.30	19.50	10.42	10.18	0.21
16.95	9.95	9.71	0.30	19.55	10.43	10.19	0.21
17.00	9.96	9.72	0.30	19.60	10.44	10.20	0.21
17.05	9.97	9.73	0.29	19.65	10.44	10.20	0.21
17.10	9.99	9.74	0.29	19.70	10.45	10.21	0.21
17.15	10.00	9.76	0.29	19.75	10.46	10.22	0.21
17.20	10.01	9.77	0.29	19.80	10.47	10.23	0.21
17.25	10.02	9.78	0.28	19.85	10.48	10.24	0.21
17.30	10.03	9.79	0.28	19.90	10.48	10.24	0.21
17.35	10.04	9.80	0.28	19.95	10.49	10.25	0.21
17.40	10.05	9.81	0.27	20.00	10.50	10.26	0.21
17.45	10.06	9.82	0.27	20.05	10.51	10.27	0.21
17.50	10.07	9.83	0.27	20.10	10.52	10.27	0.21
17.55	10.08	9.84	0.27	20.15	10.52	10.28	0.20
17.60	10.09	9.85	0.26	20.20	10.53	10.29	0.20
17.65	10.10	9.86	0.26	20.25	10.54	10.30	0.20
17.70	10.11	9.87	0.26	20.30	10.55	10.31	0.20
17.75	10.12	9.88	0.25	20.35	10.55	10.31	0.20
17.80	10.13	9.89	0.25	20.40	10.56	10.32	0.20
17.85	10.14	9.90	0.25	20.45	10.57	10.33	0.20
17.90	10.15	9.91	0.25	20.50	10.58	10.34	0.20
17.95	10.16	9.92	0.24	20.55	10.58	10.34	0.20
18.00	10.17	9.92	0.24	20.60	10.59	10.35	0.20
18.05	10.17	9.93	0.24	20.65	10.60	10.36	0.20
18.10	10.18	9.94	0.23	20.70	10.61	10.37	0.20
18.15	10.19	9.95	0.23	20.75	10.61	10.37	0.20

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.19	23.40	10.97	10.73	0.16
20.85	10.63	10.39	0.19	23.45	10.97	10.73	0.16
20.90	10.64	10.39	0.19	23.50	10.98	10.74	0.16
20.95	10.64	10.40	0.19	23.55	10.99	10.74	0.15
21.00	10.65	10.41	0.19	23.60	10.99	10.75	0.15
21.05	10.66	10.42	0.19	23.65	11.00	10.76	0.15
21.10	10.66	10.42	0.19	23.70	11.00	10.76	0.15
21.15	10.67	10.43	0.19	23.75	11.01	10.77	0.15
21.20	10.68	10.44	0.19	23.80	11.01	10.77	0.15
21.25	10.69	10.45	0.19	23.85	11.02	10.78	0.15
21.30	10.69	10.45	0.19	23.90	11.03	10.78	0.15
21.35	10.70	10.46	0.19	23.95	11.03	10.79	0.17
21.40	10.71	10.47	0.19	24.00	11.04	10.80	0.18
21.45	10.71	10.47	0.19	24.05	11.04	10.80	0.07
21.50	10.72	10.48	0.18	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.18	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.18	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.18	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.18	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.18	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.18	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.18	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.18	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.18	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.18	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.18	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.18	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.18	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.18	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.17	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.17	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.17	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.17	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.17	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.17	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.17	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.17	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.17	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.17	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.17	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.17	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.16	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.16	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.16	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.16	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.16	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.16	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.16	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.16	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.16	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.16	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.16	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 35I: PDA-35 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 35P: PDA-35 (pervious)

Runoff = 6.70 cfs @ 12.10 hrs, Volume= 0.418 af, Depth= 7.72"
 Routed to Pond B-35 : Basin #35

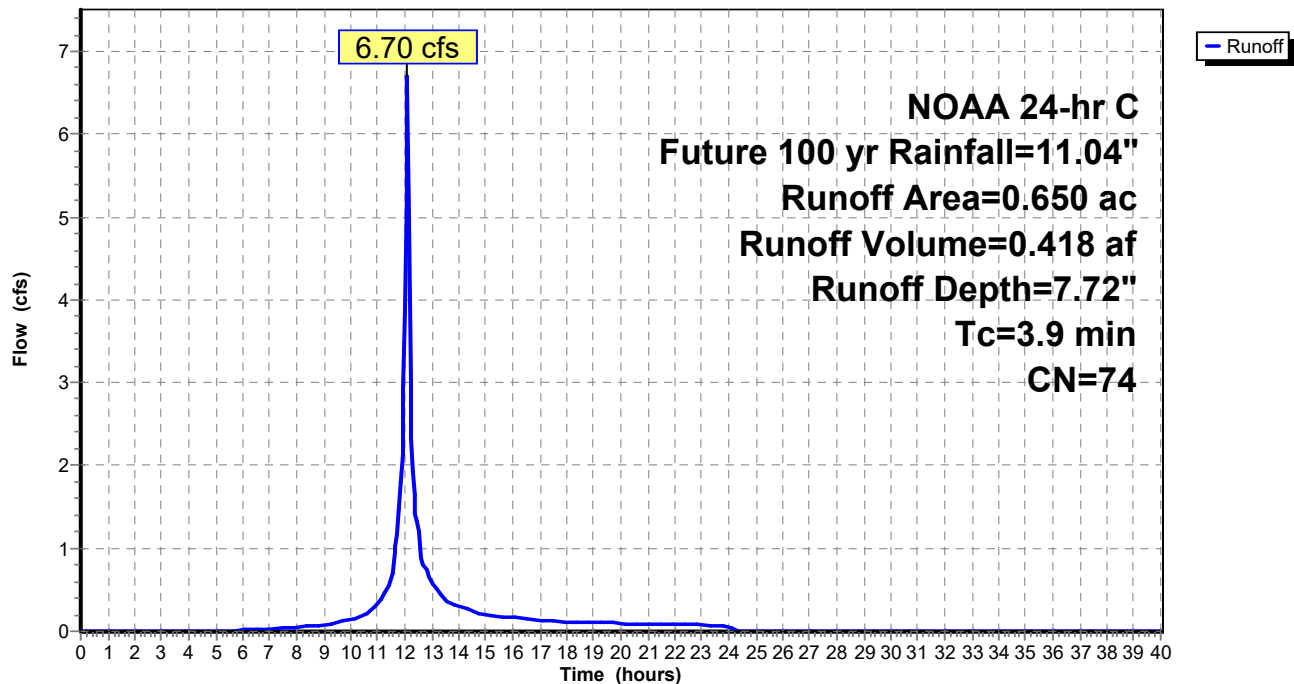
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.650	74	>75% Grass cover, Good, HSG C
0.650		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.9					Direct Entry,

Subcatchment 35P: PDA-35 (pervious)

Hydrograph



Hydrograph for Subcatchment 35P: PDA-35 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.04
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.04
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.04
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.05
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.05
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.05
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.05
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.05
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.05
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.05
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.05
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.06
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.06
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.06
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.06
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.06
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.06
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.06
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.07
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.07
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.07
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.07
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.07
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.07
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.07
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.08
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.08
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.08
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.09
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.09
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.09
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.10
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.10
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.10
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.11
6.95	1.07	0.03	0.02	9.55	1.81	0.27	0.11
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.11
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.12
7.10	1.10	0.04	0.03	9.70	1.88	0.29	0.12
7.15	1.11	0.04	0.03	9.75	1.90	0.30	0.12
7.20	1.12	0.04	0.03	9.80	1.92	0.31	0.13
7.25	1.13	0.05	0.03	9.85	1.94	0.32	0.13
7.30	1.15	0.05	0.03	9.90	1.97	0.33	0.14
7.35	1.16	0.05	0.03	9.95	1.99	0.34	0.14
7.40	1.17	0.05	0.03	10.00	2.01	0.36	0.14
7.45	1.18	0.06	0.03	10.05	2.04	0.37	0.15
7.50	1.19	0.06	0.04	10.10	2.06	0.38	0.15
7.55	1.21	0.06	0.04	10.15	2.09	0.39	0.16
7.60	1.22	0.07	0.04	10.20	2.11	0.40	0.16
7.65	1.23	0.07	0.04	10.25	2.14	0.42	0.17
7.70	1.24	0.07	0.04	10.30	2.17	0.43	0.17
7.75	1.26	0.08	0.04	10.35	2.19	0.44	0.17

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.18	13.00	8.39	5.28	0.59
10.45	2.25	0.47	0.18	13.05	8.43	5.32	0.56
10.50	2.28	0.49	0.19	13.10	8.48	5.36	0.52
10.55	2.31	0.50	0.20	13.15	8.52	5.39	0.50
10.60	2.34	0.52	0.21	13.20	8.56	5.43	0.48
10.65	2.37	0.54	0.23	13.25	8.60	5.46	0.47
10.70	2.41	0.56	0.24	13.30	8.63	5.50	0.45
10.75	2.44	0.58	0.25	13.35	8.67	5.53	0.43
10.80	2.48	0.60	0.27	13.40	8.70	5.56	0.41
10.85	2.52	0.62	0.28	13.45	8.73	5.59	0.39
10.90	2.56	0.64	0.30	13.50	8.76	5.61	0.37
10.95	2.61	0.67	0.31	13.55	8.79	5.64	0.35
11.00	2.65	0.69	0.33	13.60	8.82	5.67	0.34
11.05	2.70	0.72	0.35	13.65	8.85	5.69	0.33
11.10	2.75	0.75	0.38	13.70	8.87	5.71	0.32
11.15	2.80	0.79	0.41	13.75	8.90	5.74	0.32
11.20	2.86	0.82	0.44	13.80	8.93	5.76	0.31
11.25	2.92	0.86	0.47	13.85	8.95	5.79	0.31
11.30	2.98	0.90	0.50	13.90	8.98	5.81	0.30
11.35	3.05	0.94	0.53	13.95	9.00	5.83	0.30
11.40	3.12	0.98	0.56	14.00	9.03	5.85	0.29
11.45	3.19	1.03	0.59	14.05	9.05	5.88	0.29
11.50	3.26	1.08	0.62	14.10	9.07	5.90	0.28
11.55	3.37	1.15	0.77	14.15	9.10	5.92	0.28
11.60	3.49	1.23	0.95	14.20	9.12	5.94	0.28
11.65	3.60	1.31	1.02	14.25	9.14	5.96	0.27
11.70	3.72	1.39	1.07	14.30	9.16	5.98	0.27
11.75	3.88	1.51	1.26	14.35	9.19	6.00	0.26
11.80	4.04	1.63	1.49	14.40	9.21	6.02	0.26
11.85	4.27	1.79	1.80	14.45	9.23	6.04	0.25
11.90	4.49	1.96	2.14	14.50	9.25	6.06	0.25
11.95	4.88	2.27	2.92	14.55	9.27	6.07	0.24
12.00	5.26	2.57	3.83	14.60	9.29	6.09	0.24
12.05	5.91	3.11	5.20	14.65	9.31	6.11	0.23
12.10	6.55	3.65	6.70	14.70	9.32	6.13	0.23
12.15	6.77	3.85	5.21	14.75	9.34	6.14	0.22
12.20	7.00	4.04	3.02	14.80	9.36	6.16	0.22
12.25	7.16	4.18	2.33	14.85	9.38	6.17	0.21
12.30	7.32	4.32	1.93	14.90	9.40	6.19	0.21
12.35	7.44	4.43	1.66	14.95	9.41	6.21	0.20
12.40	7.55	4.53	1.41	15.00	9.43	6.22	0.20
12.45	7.67	4.63	1.34	15.05	9.44	6.23	0.19
12.50	7.78	4.73	1.30	15.10	9.46	6.25	0.19
12.55	7.85	4.79	1.11	15.15	9.47	6.26	0.19
12.60	7.92	4.86	0.89	15.20	9.49	6.28	0.18
12.65	7.99	4.92	0.83	15.25	9.50	6.29	0.18
12.70	8.06	4.98	0.80	15.30	9.52	6.30	0.18
12.75	8.12	5.03	0.76	15.35	9.53	6.32	0.18
12.80	8.18	5.09	0.73	15.40	9.55	6.33	0.18
12.85	8.24	5.14	0.70	15.45	9.56	6.34	0.18
12.90	8.29	5.19	0.66	15.50	9.58	6.36	0.18
12.95	8.34	5.23	0.63	15.55	9.59	6.37	0.17

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.17	18.20	10.20	6.93	0.11
15.65	9.62	6.40	0.17	18.25	10.21	6.94	0.11
15.70	9.64	6.41	0.17	18.30	10.22	6.95	0.11
15.75	9.65	6.42	0.17	18.35	10.23	6.96	0.11
15.80	9.66	6.44	0.17	18.40	10.24	6.97	0.11
15.85	9.68	6.45	0.17	18.45	10.24	6.97	0.11
15.90	9.69	6.46	0.17	18.50	10.25	6.98	0.11
15.95	9.70	6.47	0.16	18.55	10.26	6.99	0.11
16.00	9.72	6.49	0.16	18.60	10.27	7.00	0.10
16.05	9.73	6.50	0.16	18.65	10.28	7.01	0.10
16.10	9.74	6.51	0.16	18.70	10.29	7.01	0.10
16.15	9.76	6.52	0.16	18.75	10.30	7.02	0.10
16.20	9.77	6.54	0.16	18.80	10.30	7.03	0.10
16.25	9.78	6.55	0.16	18.85	10.31	7.04	0.10
16.30	9.80	6.56	0.16	18.90	10.32	7.04	0.10
16.35	9.81	6.57	0.15	18.95	10.33	7.05	0.10
16.40	9.82	6.58	0.15	19.00	10.34	7.06	0.10
16.45	9.83	6.59	0.15	19.05	10.35	7.07	0.10
16.50	9.85	6.60	0.15	19.10	10.35	7.08	0.10
16.55	9.86	6.62	0.15	19.15	10.36	7.08	0.10
16.60	9.87	6.63	0.15	19.20	10.37	7.09	0.10
16.65	9.88	6.64	0.15	19.25	10.38	7.10	0.10
16.70	9.89	6.65	0.15	19.30	10.39	7.11	0.10
16.75	9.91	6.66	0.14	19.35	10.40	7.11	0.10
16.80	9.92	6.67	0.14	19.40	10.40	7.12	0.10
16.85	9.93	6.68	0.14	19.45	10.41	7.13	0.10
16.90	9.94	6.69	0.14	19.50	10.42	7.14	0.10
16.95	9.95	6.70	0.14	19.55	10.43	7.14	0.10
17.00	9.96	6.71	0.14	19.60	10.44	7.15	0.10
17.05	9.97	6.72	0.14	19.65	10.44	7.16	0.10
17.10	9.99	6.73	0.13	19.70	10.45	7.17	0.10
17.15	10.00	6.74	0.13	19.75	10.46	7.17	0.10
17.20	10.01	6.75	0.13	19.80	10.47	7.18	0.10
17.25	10.02	6.76	0.13	19.85	10.48	7.19	0.10
17.30	10.03	6.77	0.13	19.90	10.48	7.20	0.10
17.35	10.04	6.78	0.13	19.95	10.49	7.20	0.10
17.40	10.05	6.79	0.13	20.00	10.50	7.21	0.10
17.45	10.06	6.80	0.13	20.05	10.51	7.22	0.10
17.50	10.07	6.81	0.12	20.10	10.52	7.23	0.09
17.55	10.08	6.82	0.12	20.15	10.52	7.23	0.09
17.60	10.09	6.83	0.12	20.20	10.53	7.24	0.09
17.65	10.10	6.84	0.12	20.25	10.54	7.25	0.09
17.70	10.11	6.85	0.12	20.30	10.55	7.25	0.09
17.75	10.12	6.86	0.12	20.35	10.55	7.26	0.09
17.80	10.13	6.87	0.12	20.40	10.56	7.27	0.09
17.85	10.14	6.87	0.11	20.45	10.57	7.28	0.09
17.90	10.15	6.88	0.11	20.50	10.58	7.28	0.09
17.95	10.16	6.89	0.11	20.55	10.58	7.29	0.09
18.00	10.17	6.90	0.11	20.60	10.59	7.30	0.09
18.05	10.17	6.91	0.11	20.65	10.60	7.30	0.09
18.10	10.18	6.92	0.11	20.70	10.61	7.31	0.09
18.15	10.19	6.92	0.11	20.75	10.61	7.32	0.09

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.09	23.40	10.97	7.65	0.07
20.85	10.63	7.33	0.09	23.45	10.97	7.65	0.07
20.90	10.64	7.34	0.09	23.50	10.98	7.66	0.07
20.95	10.64	7.34	0.09	23.55	10.99	7.66	0.07
21.00	10.65	7.35	0.09	23.60	10.99	7.67	0.07
21.05	10.66	7.36	0.09	23.65	11.00	7.67	0.07
21.10	10.66	7.36	0.09	23.70	11.00	7.68	0.07
21.15	10.67	7.37	0.09	23.75	11.01	7.69	0.07
21.20	10.68	7.38	0.09	23.80	11.01	7.69	0.07
21.25	10.69	7.38	0.09	23.85	11.02	7.70	0.07
21.30	10.69	7.39	0.09	23.90	11.03	7.70	0.07
21.35	10.70	7.40	0.09	23.95	11.03	7.71	0.08
21.40	10.71	7.40	0.09	24.00	11.04	7.72	0.08
21.45	10.71	7.41	0.09	24.05	11.04	7.72	0.05
21.50	10.72	7.42	0.09	24.10	11.04	7.72	0.01
21.55	10.73	7.42	0.09	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.09	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.08	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.08	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.08	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.08	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.08	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.08	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.08	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.08	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.08	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.08	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.08	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.08	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.08	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.08	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.08	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.08	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.08	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.08	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.08	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.08	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.08	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.08	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.08	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.08	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.08	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.08	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.08	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.08	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.08	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.08	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.07	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.07	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.07	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.07	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.07	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 35P: PDA-35 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 36AI: PDA-36A (impervious)

Runoff = 5.44 cfs @ 12.07 hrs, Volume= 0.376 af, Depth=10.80"
 Routed to Pond B-36A : Basin #36A

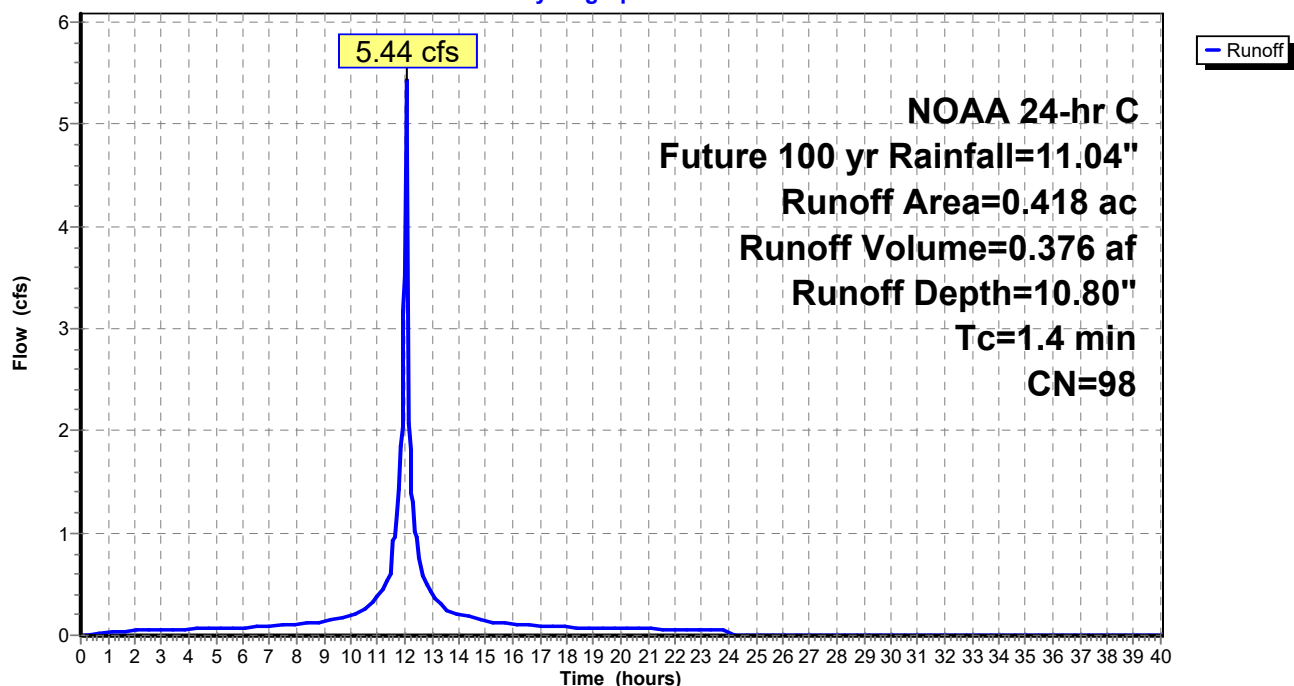
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.418	98	Roof, HSG C
0.418		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 36AI: PDA-36A (impervious)

Hydrograph



Hydrograph for Subcatchment 36A1: PDA-36A (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.05
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.05
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.05
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.05
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.05
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.05
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.05
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.05
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.05
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.05
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.05
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.05
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.05
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.05
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.06
0.75	0.09	0.01	0.02	3.35	0.44	0.27	0.06
0.80	0.10	0.01	0.02	3.40	0.45	0.27	0.06
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.06
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.06
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.06
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.06
1.05	0.13	0.03	0.03	3.65	0.49	0.31	0.06
1.10	0.13	0.03	0.03	3.70	0.49	0.31	0.06
1.15	0.14	0.03	0.03	3.75	0.50	0.32	0.06
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.06
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.06
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.06
1.35	0.16	0.05	0.03	3.95	0.53	0.35	0.06
1.40	0.17	0.05	0.03	4.00	0.54	0.35	0.06
1.45	0.18	0.05	0.03	4.05	0.55	0.36	0.06
1.50	0.18	0.06	0.04	4.10	0.56	0.37	0.06
1.55	0.19	0.06	0.04	4.15	0.56	0.38	0.06
1.60	0.20	0.07	0.04	4.20	0.57	0.38	0.06
1.65	0.20	0.07	0.04	4.25	0.58	0.39	0.06
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.06
1.75	0.22	0.08	0.04	4.35	0.60	0.41	0.06
1.80	0.22	0.09	0.04	4.40	0.60	0.41	0.06
1.85	0.23	0.09	0.04	4.45	0.61	0.42	0.06
1.90	0.24	0.10	0.04	4.50	0.62	0.43	0.06
1.95	0.24	0.10	0.04	4.55	0.63	0.44	0.06
2.00	0.25	0.11	0.04	4.60	0.64	0.44	0.06
2.05	0.26	0.11	0.04	4.65	0.64	0.45	0.06
2.10	0.26	0.12	0.04	4.70	0.65	0.46	0.06
2.15	0.27	0.12	0.04	4.75	0.66	0.47	0.07
2.20	0.28	0.13	0.04	4.80	0.67	0.47	0.07
2.25	0.28	0.13	0.05	4.85	0.68	0.48	0.07
2.30	0.29	0.14	0.05	4.90	0.69	0.49	0.07
2.35	0.30	0.14	0.05	4.95	0.69	0.50	0.07
2.40	0.30	0.15	0.05	5.00	0.70	0.51	0.07
2.45	0.31	0.15	0.05	5.05	0.71	0.51	0.07
2.50	0.32	0.16	0.05	5.10	0.72	0.52	0.07
2.55	0.33	0.17	0.05	5.15	0.73	0.53	0.07

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.07	7.80	1.27	1.05	0.11
5.25	0.74	0.55	0.07	7.85	1.28	1.07	0.11
5.30	0.75	0.55	0.07	7.90	1.30	1.08	0.11
5.35	0.76	0.56	0.07	7.95	1.31	1.09	0.11
5.40	0.77	0.57	0.07	8.00	1.32	1.11	0.11
5.45	0.78	0.58	0.07	8.05	1.34	1.12	0.11
5.50	0.79	0.59	0.07	8.10	1.35	1.13	0.11
5.55	0.80	0.59	0.07	8.15	1.36	1.15	0.11
5.60	0.80	0.60	0.07	8.20	1.38	1.16	0.11
5.65	0.81	0.61	0.07	8.25	1.39	1.17	0.12
5.70	0.82	0.62	0.07	8.30	1.40	1.19	0.12
5.75	0.83	0.63	0.07	8.35	1.42	1.20	0.12
5.80	0.84	0.64	0.07	8.40	1.43	1.21	0.12
5.85	0.85	0.64	0.07	8.45	1.45	1.23	0.12
5.90	0.86	0.65	0.07	8.50	1.46	1.24	0.12
5.95	0.87	0.66	0.07	8.55	1.48	1.26	0.12
6.00	0.87	0.67	0.07	8.60	1.49	1.27	0.12
6.05	0.88	0.68	0.07	8.65	1.51	1.29	0.12
6.10	0.89	0.69	0.07	8.70	1.52	1.30	0.12
6.15	0.90	0.70	0.08	8.75	1.54	1.32	0.12
6.20	0.91	0.71	0.08	8.80	1.55	1.33	0.12
6.25	0.92	0.71	0.08	8.85	1.57	1.35	0.13
6.30	0.93	0.72	0.08	8.90	1.58	1.36	0.13
6.35	0.94	0.73	0.08	8.95	1.60	1.38	0.13
6.40	0.95	0.74	0.08	9.00	1.61	1.39	0.13
6.45	0.96	0.75	0.08	9.05	1.63	1.41	0.14
6.50	0.97	0.76	0.08	9.10	1.64	1.42	0.14
6.55	0.98	0.77	0.08	9.15	1.66	1.44	0.14
6.60	0.99	0.78	0.08	9.20	1.68	1.46	0.14
6.65	1.00	0.79	0.09	9.25	1.70	1.47	0.15
6.70	1.01	0.80	0.09	9.30	1.72	1.49	0.15
6.75	1.02	0.81	0.09	9.35	1.73	1.51	0.16
6.80	1.03	0.82	0.09	9.40	1.75	1.53	0.16
6.85	1.04	0.83	0.09	9.45	1.77	1.55	0.16
6.90	1.05	0.84	0.09	9.50	1.79	1.57	0.16
6.95	1.07	0.85	0.09	9.55	1.81	1.59	0.17
7.00	1.08	0.87	0.09	9.60	1.83	1.61	0.17
7.05	1.09	0.88	0.09	9.65	1.85	1.63	0.18
7.10	1.10	0.89	0.09	9.70	1.88	1.65	0.18
7.15	1.11	0.90	0.09	9.75	1.90	1.67	0.18
7.20	1.12	0.91	0.09	9.80	1.92	1.69	0.19
7.25	1.13	0.92	0.10	9.85	1.94	1.72	0.19
7.30	1.15	0.93	0.10	9.90	1.97	1.74	0.19
7.35	1.16	0.94	0.10	9.95	1.99	1.76	0.20
7.40	1.17	0.96	0.10	10.00	2.01	1.79	0.20
7.45	1.18	0.97	0.10	10.05	2.04	1.81	0.20
7.50	1.19	0.98	0.10	10.10	2.06	1.84	0.21
7.55	1.21	0.99	0.10	10.15	2.09	1.86	0.21
7.60	1.22	1.00	0.10	10.20	2.11	1.89	0.21
7.65	1.23	1.02	0.10	10.25	2.14	1.91	0.22
7.70	1.24	1.03	0.10	10.30	2.17	1.94	0.22
7.75	1.26	1.04	0.11	10.35	2.19	1.97	0.23

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.23	13.00	8.39	8.15	0.41
10.45	2.25	2.02	0.23	13.05	8.43	8.19	0.37
10.50	2.28	2.05	0.24	13.10	8.48	8.24	0.37
10.55	2.31	2.08	0.26	13.15	8.52	8.28	0.34
10.60	2.34	2.11	0.26	13.20	8.56	8.32	0.34
10.65	2.37	2.14	0.29	13.25	8.60	8.36	0.32
10.70	2.41	2.18	0.29	13.30	8.63	8.39	0.31
10.75	2.44	2.21	0.31	13.35	8.67	8.43	0.29
10.80	2.48	2.25	0.32	13.40	8.70	8.46	0.29
10.85	2.52	2.29	0.34	13.45	8.73	8.49	0.26
10.90	2.56	2.33	0.34	13.50	8.76	8.52	0.26
10.95	2.61	2.38	0.37	13.55	8.79	8.55	0.24
11.00	2.65	2.42	0.37	13.60	8.82	8.58	0.23
11.05	2.70	2.47	0.41	13.65	8.85	8.61	0.23
11.10	2.75	2.52	0.42	13.70	8.87	8.63	0.23
11.15	2.80	2.57	0.46	13.75	8.90	8.66	0.22
11.20	2.86	2.63	0.47	13.80	8.93	8.69	0.22
11.25	2.92	2.69	0.51	13.85	8.95	8.71	0.21
11.30	2.98	2.75	0.52	13.90	8.98	8.74	0.21
11.35	3.05	2.82	0.56	13.95	9.00	8.76	0.21
11.40	3.12	2.89	0.57	14.00	9.03	8.79	0.21
11.45	3.19	2.96	0.60	14.05	9.05	8.81	0.20
11.50	3.26	3.03	0.65	14.10	9.07	8.83	0.20
11.55	3.37	3.14	0.92	14.15	9.10	8.86	0.19
11.60	3.49	3.25	0.94	14.20	9.12	8.88	0.19
11.65	3.60	3.37	0.98	14.25	9.14	8.90	0.19
11.70	3.72	3.49	1.03	14.30	9.16	8.92	0.19
11.75	3.88	3.65	1.33	14.35	9.19	8.95	0.18
11.80	4.04	3.81	1.42	14.40	9.21	8.97	0.18
11.85	4.27	4.03	1.85	14.45	9.23	8.99	0.17
11.90	4.49	4.25	2.05	14.50	9.25	9.01	0.17
11.95	4.88	4.64	3.17	14.55	9.27	9.03	0.17
12.00	5.26	5.02	3.51	14.60	9.29	9.05	0.16
12.05	5.91	5.67	5.31	14.65	9.31	9.07	0.16
12.10	6.55	6.31	4.99	14.70	9.32	9.08	0.16
12.15	6.77	6.53	2.08	14.75	9.34	9.10	0.15
12.20	7.00	6.76	1.82	14.80	9.36	9.12	0.15
12.25	7.16	6.92	1.39	14.85	9.38	9.14	0.14
12.30	7.32	7.08	1.31	14.90	9.40	9.15	0.14
12.35	7.44	7.20	1.01	14.95	9.41	9.17	0.14
12.40	7.55	7.31	0.98	15.00	9.43	9.19	0.14
12.45	7.67	7.43	0.94	15.05	9.44	9.20	0.13
12.50	7.78	7.54	0.90	15.10	9.46	9.22	0.13
12.55	7.85	7.61	0.62	15.15	9.47	9.23	0.13
12.60	7.92	7.68	0.60	15.20	9.49	9.25	0.13
12.65	7.99	7.75	0.57	15.25	9.50	9.26	0.13
12.70	8.06	7.82	0.56	15.30	9.52	9.28	0.13
12.75	8.12	7.88	0.52	15.35	9.53	9.29	0.13
12.80	8.18	7.94	0.51	15.40	9.55	9.31	0.12
12.85	8.24	8.00	0.47	15.45	9.56	9.32	0.12
12.90	8.29	8.05	0.46	15.50	9.58	9.34	0.12
12.95	8.34	8.10	0.42	15.55	9.59	9.35	0.12

Hydrograph for Subcatchment 36AI: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.12	18.20	10.20	9.96	0.07
15.65	9.62	9.38	0.12	18.25	10.21	9.97	0.07
15.70	9.64	9.39	0.12	18.30	10.22	9.98	0.07
15.75	9.65	9.41	0.12	18.35	10.23	9.99	0.07
15.80	9.66	9.42	0.12	18.40	10.24	9.99	0.07
15.85	9.68	9.44	0.12	18.45	10.24	10.00	0.07
15.90	9.69	9.45	0.12	18.50	10.25	10.01	0.07
15.95	9.70	9.46	0.11	18.55	10.26	10.02	0.07
16.00	9.72	9.48	0.11	18.60	10.27	10.03	0.07
16.05	9.73	9.49	0.11	18.65	10.28	10.04	0.07
16.10	9.74	9.50	0.11	18.70	10.29	10.05	0.07
16.15	9.76	9.52	0.11	18.75	10.30	10.05	0.07
16.20	9.77	9.53	0.11	18.80	10.30	10.06	0.07
16.25	9.78	9.54	0.11	18.85	10.31	10.07	0.07
16.30	9.80	9.55	0.11	18.90	10.32	10.08	0.07
16.35	9.81	9.57	0.11	18.95	10.33	10.09	0.07
16.40	9.82	9.58	0.11	19.00	10.34	10.10	0.07
16.45	9.83	9.59	0.10	19.05	10.35	10.11	0.07
16.50	9.85	9.60	0.10	19.10	10.35	10.11	0.07
16.55	9.86	9.62	0.10	19.15	10.36	10.12	0.07
16.60	9.87	9.63	0.10	19.20	10.37	10.13	0.07
16.65	9.88	9.64	0.10	19.25	10.38	10.14	0.07
16.70	9.89	9.65	0.10	19.30	10.39	10.15	0.07
16.75	9.91	9.66	0.10	19.35	10.40	10.15	0.07
16.80	9.92	9.68	0.10	19.40	10.40	10.16	0.07
16.85	9.93	9.69	0.10	19.45	10.41	10.17	0.07
16.90	9.94	9.70	0.10	19.50	10.42	10.18	0.07
16.95	9.95	9.71	0.10	19.55	10.43	10.19	0.07
17.00	9.96	9.72	0.10	19.60	10.44	10.20	0.07
17.05	9.97	9.73	0.09	19.65	10.44	10.20	0.07
17.10	9.99	9.74	0.09	19.70	10.45	10.21	0.07
17.15	10.00	9.76	0.09	19.75	10.46	10.22	0.07
17.20	10.01	9.77	0.09	19.80	10.47	10.23	0.07
17.25	10.02	9.78	0.09	19.85	10.48	10.24	0.07
17.30	10.03	9.79	0.09	19.90	10.48	10.24	0.07
17.35	10.04	9.80	0.09	19.95	10.49	10.25	0.07
17.40	10.05	9.81	0.09	20.00	10.50	10.26	0.07
17.45	10.06	9.82	0.09	20.05	10.51	10.27	0.07
17.50	10.07	9.83	0.09	20.10	10.52	10.27	0.07
17.55	10.08	9.84	0.08	20.15	10.52	10.28	0.07
17.60	10.09	9.85	0.08	20.20	10.53	10.29	0.07
17.65	10.10	9.86	0.08	20.25	10.54	10.30	0.06
17.70	10.11	9.87	0.08	20.30	10.55	10.31	0.06
17.75	10.12	9.88	0.08	20.35	10.55	10.31	0.06
17.80	10.13	9.89	0.08	20.40	10.56	10.32	0.06
17.85	10.14	9.90	0.08	20.45	10.57	10.33	0.06
17.90	10.15	9.91	0.08	20.50	10.58	10.34	0.06
17.95	10.16	9.92	0.08	20.55	10.58	10.34	0.06
18.00	10.17	9.92	0.08	20.60	10.59	10.35	0.06
18.05	10.17	9.93	0.07	20.65	10.60	10.36	0.06
18.10	10.18	9.94	0.07	20.70	10.61	10.37	0.06
18.15	10.19	9.95	0.07	20.75	10.61	10.37	0.06

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.06	23.40	10.97	10.73	0.05
20.85	10.63	10.39	0.06	23.45	10.97	10.73	0.05
20.90	10.64	10.39	0.06	23.50	10.98	10.74	0.05
20.95	10.64	10.40	0.06	23.55	10.99	10.74	0.05
21.00	10.65	10.41	0.06	23.60	10.99	10.75	0.05
21.05	10.66	10.42	0.06	23.65	11.00	10.76	0.05
21.10	10.66	10.42	0.06	23.70	11.00	10.76	0.05
21.15	10.67	10.43	0.06	23.75	11.01	10.77	0.05
21.20	10.68	10.44	0.06	23.80	11.01	10.77	0.05
21.25	10.69	10.45	0.06	23.85	11.02	10.78	0.05
21.30	10.69	10.45	0.06	23.90	11.03	10.78	0.05
21.35	10.70	10.46	0.06	23.95	11.03	10.79	0.06
21.40	10.71	10.47	0.06	24.00	11.04	10.80	0.05
21.45	10.71	10.47	0.06	24.05	11.04	10.80	0.00
21.50	10.72	10.48	0.06	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.06	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.06	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.06	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.06	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.06	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.06	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.06	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.06	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.06	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.06	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.06	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.06	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.06	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.06	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.06	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.06	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.05	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.05	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.05	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.05	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.05	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.05	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.05	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.05	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.05	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.05	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.05	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.05	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.05	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.05	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.05	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.05	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.05	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.05	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.05	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.05	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.05	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 36A1: PDA-36A (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 36AP: PDA-36A (pervious)

Runoff = 10.38 cfs @ 12.10 hrs, Volume= 0.659 af, Depth= 7.72"
 Routed to Pond B-36A : Basin #36A

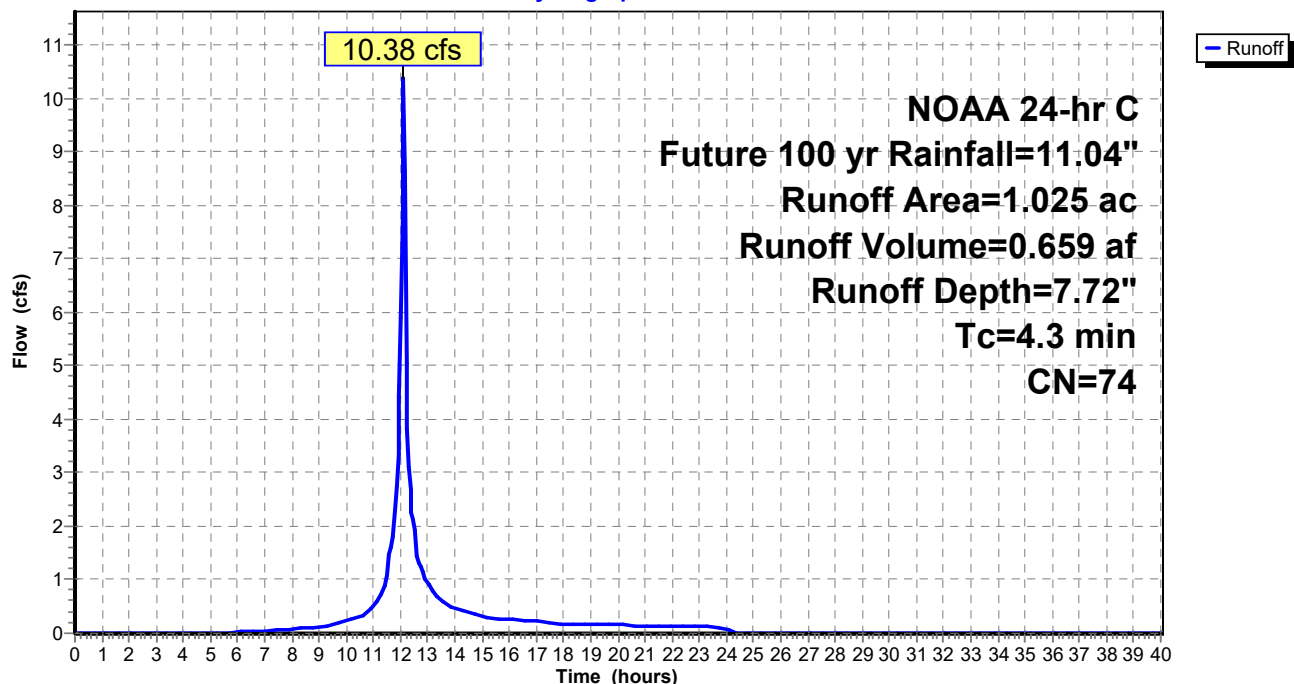
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.025	74	>75% Grass cover, Good, HSG C
1.025		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 36AP: PDA-36A (pervious)

Hydrograph



Hydrograph for Subcatchment 36AP: PDA-36A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.07
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.07
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.07
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.07
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.08
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.08
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.08
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.08
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.09
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.09
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.09
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.09
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.09
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.10
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.10
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.10
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.10
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.10
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.11
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.11
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.11
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.11
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.12
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.12
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.12
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.13
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.13
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.14
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.14
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.15
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.15
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.16
6.90	1.05	0.03	0.04	9.50	1.79	0.26	0.17
6.95	1.07	0.03	0.04	9.55	1.81	0.27	0.17
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.18
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.18
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.19
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.19
7.20	1.12	0.04	0.05	9.80	1.92	0.31	0.20
7.25	1.13	0.05	0.05	9.85	1.94	0.32	0.21
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.21
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.22
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.23
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.23
7.50	1.19	0.06	0.06	10.10	2.06	0.38	0.24
7.55	1.21	0.06	0.06	10.15	2.09	0.39	0.25
7.60	1.22	0.07	0.06	10.20	2.11	0.40	0.25
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.26
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.27
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.27

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.28	13.00	8.39	5.28	0.94
10.45	2.25	0.47	0.29	13.05	8.43	5.32	0.89
10.50	2.28	0.49	0.30	13.10	8.48	5.36	0.83
10.55	2.31	0.50	0.31	13.15	8.52	5.39	0.80
10.60	2.34	0.52	0.33	13.20	8.56	5.43	0.77
10.65	2.37	0.54	0.35	13.25	8.60	5.46	0.74
10.70	2.41	0.56	0.38	13.30	8.63	5.50	0.71
10.75	2.44	0.58	0.40	13.35	8.67	5.53	0.68
10.80	2.48	0.60	0.42	13.40	8.70	5.56	0.65
10.85	2.52	0.62	0.44	13.45	8.73	5.59	0.62
10.90	2.56	0.64	0.47	13.50	8.76	5.61	0.59
10.95	2.61	0.67	0.49	13.55	8.79	5.64	0.56
11.00	2.65	0.69	0.52	13.60	8.82	5.67	0.53
11.05	2.70	0.72	0.55	13.65	8.85	5.69	0.52
11.10	2.75	0.75	0.60	13.70	8.87	5.71	0.51
11.15	2.80	0.79	0.64	13.75	8.90	5.74	0.50
11.20	2.86	0.82	0.69	13.80	8.93	5.76	0.50
11.25	2.92	0.86	0.73	13.85	8.95	5.79	0.49
11.30	2.98	0.90	0.78	13.90	8.98	5.81	0.48
11.35	3.05	0.94	0.83	13.95	9.00	5.83	0.47
11.40	3.12	0.98	0.88	14.00	9.03	5.85	0.47
11.45	3.19	1.03	0.92	14.05	9.05	5.88	0.46
11.50	3.26	1.08	0.97	14.10	9.07	5.90	0.45
11.55	3.37	1.15	1.17	14.15	9.10	5.92	0.44
11.60	3.49	1.23	1.47	14.20	9.12	5.94	0.44
11.65	3.60	1.31	1.59	14.25	9.14	5.96	0.43
11.70	3.72	1.39	1.68	14.30	9.16	5.98	0.42
11.75	3.88	1.51	1.94	14.35	9.19	6.00	0.41
11.80	4.04	1.63	2.31	14.40	9.21	6.02	0.40
11.85	4.27	1.79	2.76	14.45	9.23	6.04	0.40
11.90	4.49	1.96	3.33	14.50	9.25	6.06	0.39
11.95	4.88	2.27	4.41	14.55	9.27	6.07	0.38
12.00	5.26	2.57	5.89	14.60	9.29	6.09	0.37
12.05	5.91	3.11	7.86	14.65	9.31	6.11	0.37
12.10	6.55	3.65	10.36	14.70	9.32	6.13	0.36
12.15	6.77	3.85	8.63	14.75	9.34	6.14	0.35
12.20	7.00	4.04	5.06	14.80	9.36	6.16	0.34
12.25	7.16	4.18	3.82	14.85	9.38	6.17	0.34
12.30	7.32	4.32	3.10	14.90	9.40	6.19	0.33
12.35	7.44	4.43	2.68	14.95	9.41	6.21	0.32
12.40	7.55	4.53	2.26	15.00	9.43	6.22	0.31
12.45	7.67	4.63	2.13	15.05	9.44	6.23	0.30
12.50	7.78	4.73	2.06	15.10	9.46	6.25	0.30
12.55	7.85	4.79	1.80	15.15	9.47	6.26	0.29
12.60	7.92	4.86	1.43	15.20	9.49	6.28	0.29
12.65	7.99	4.92	1.32	15.25	9.50	6.29	0.29
12.70	8.06	4.98	1.26	15.30	9.52	6.30	0.29
12.75	8.12	5.03	1.21	15.35	9.53	6.32	0.28
12.80	8.18	5.09	1.16	15.40	9.55	6.33	0.28
12.85	8.24	5.14	1.11	15.45	9.56	6.34	0.28
12.90	8.29	5.19	1.05	15.50	9.58	6.36	0.28
12.95	8.34	5.23	1.00	15.55	9.59	6.37	0.28

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.27	18.20	10.20	6.93	0.17
15.65	9.62	6.40	0.27	18.25	10.21	6.94	0.17
15.70	9.64	6.41	0.27	18.30	10.22	6.95	0.17
15.75	9.65	6.42	0.27	18.35	10.23	6.96	0.17
15.80	9.66	6.44	0.27	18.40	10.24	6.97	0.17
15.85	9.68	6.45	0.26	18.45	10.24	6.97	0.17
15.90	9.69	6.46	0.26	18.50	10.25	6.98	0.17
15.95	9.70	6.47	0.26	18.55	10.26	6.99	0.17
16.00	9.72	6.49	0.26	18.60	10.27	7.00	0.17
16.05	9.73	6.50	0.26	18.65	10.28	7.01	0.16
16.10	9.74	6.51	0.25	18.70	10.29	7.01	0.16
16.15	9.76	6.52	0.25	18.75	10.30	7.02	0.16
16.20	9.77	6.54	0.25	18.80	10.30	7.03	0.16
16.25	9.78	6.55	0.25	18.85	10.31	7.04	0.16
16.30	9.80	6.56	0.24	18.90	10.32	7.04	0.16
16.35	9.81	6.57	0.24	18.95	10.33	7.05	0.16
16.40	9.82	6.58	0.24	19.00	10.34	7.06	0.16
16.45	9.83	6.59	0.24	19.05	10.35	7.07	0.16
16.50	9.85	6.60	0.24	19.10	10.35	7.08	0.16
16.55	9.86	6.62	0.23	19.15	10.36	7.08	0.16
16.60	9.87	6.63	0.23	19.20	10.37	7.09	0.16
16.65	9.88	6.64	0.23	19.25	10.38	7.10	0.16
16.70	9.89	6.65	0.23	19.30	10.39	7.11	0.16
16.75	9.91	6.66	0.23	19.35	10.40	7.11	0.16
16.80	9.92	6.67	0.22	19.40	10.40	7.12	0.16
16.85	9.93	6.68	0.22	19.45	10.41	7.13	0.16
16.90	9.94	6.69	0.22	19.50	10.42	7.14	0.16
16.95	9.95	6.70	0.22	19.55	10.43	7.14	0.16
17.00	9.96	6.71	0.22	19.60	10.44	7.15	0.16
17.05	9.97	6.72	0.21	19.65	10.44	7.16	0.15
17.10	9.99	6.73	0.21	19.70	10.45	7.17	0.15
17.15	10.00	6.74	0.21	19.75	10.46	7.17	0.15
17.20	10.01	6.75	0.21	19.80	10.47	7.18	0.15
17.25	10.02	6.76	0.21	19.85	10.48	7.19	0.15
17.30	10.03	6.77	0.20	19.90	10.48	7.20	0.15
17.35	10.04	6.78	0.20	19.95	10.49	7.20	0.15
17.40	10.05	6.79	0.20	20.00	10.50	7.21	0.15
17.45	10.06	6.80	0.20	20.05	10.51	7.22	0.15
17.50	10.07	6.81	0.20	20.10	10.52	7.23	0.15
17.55	10.08	6.82	0.19	20.15	10.52	7.23	0.15
17.60	10.09	6.83	0.19	20.20	10.53	7.24	0.15
17.65	10.10	6.84	0.19	20.25	10.54	7.25	0.15
17.70	10.11	6.85	0.19	20.30	10.55	7.25	0.15
17.75	10.12	6.86	0.19	20.35	10.55	7.26	0.15
17.80	10.13	6.87	0.18	20.40	10.56	7.27	0.15
17.85	10.14	6.87	0.18	20.45	10.57	7.28	0.15
17.90	10.15	6.88	0.18	20.50	10.58	7.28	0.15
17.95	10.16	6.89	0.18	20.55	10.58	7.29	0.15
18.00	10.17	6.90	0.18	20.60	10.59	7.30	0.15
18.05	10.17	6.91	0.17	20.65	10.60	7.30	0.14
18.10	10.18	6.92	0.17	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.17	20.75	10.61	7.32	0.14

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.14	23.40	10.97	7.65	0.12
20.85	10.63	7.33	0.14	23.45	10.97	7.65	0.12
20.90	10.64	7.34	0.14	23.50	10.98	7.66	0.11
20.95	10.64	7.34	0.14	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.14	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.14	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.14	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.14	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.14	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.14	23.85	11.02	7.70	0.11
21.30	10.69	7.39	0.14	23.90	11.03	7.70	0.11
21.35	10.70	7.40	0.14	23.95	11.03	7.71	0.12
21.40	10.71	7.40	0.14	24.00	11.04	7.72	0.13
21.45	10.71	7.41	0.14	24.05	11.04	7.72	0.09
21.50	10.72	7.42	0.14	24.10	11.04	7.72	0.02
21.55	10.73	7.42	0.13	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.13	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.13	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.13	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.13	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.13	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.13	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.13	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.13	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.13	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.13	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.13	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.13	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.13	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.13	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.13	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.12	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.12	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.12	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.12	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.12	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.12	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.12	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.12	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.12	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.12	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.12	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.12	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.12	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.12	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 36AP: PDA-36A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 36BI: PDA-36B (impervious)

Runoff = 14.10 cfs @ 12.10 hrs, Volume= 1.034 af, Depth=10.80"
 Routed to Pond B-36B : Basin #36B

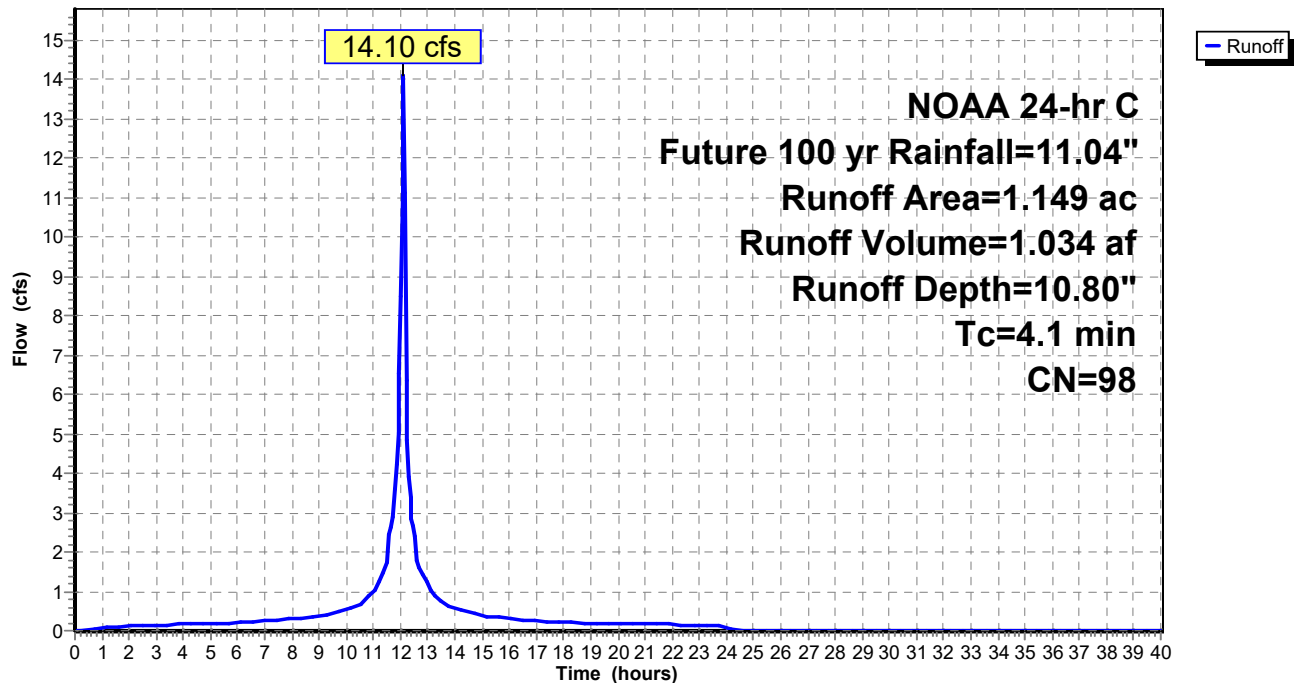
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.501	98	Pavement, HSG C
* 0.579	98	Roof, HSG C
* 0.069	98	Concrete, HSC C
1.149	98	Weighted Average
1.149		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 36BI: PDA-36B (impervious)

Hydrograph



Hydrograph for Subcatchment 36BI: PDA-36B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.13
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.14
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.14
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.14
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.14
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.14
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.14
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.14
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.14
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.14
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.15
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.15
0.60	0.07	0.00	0.03	3.20	0.42	0.25	0.15
0.65	0.08	0.01	0.03	3.25	0.43	0.25	0.15
0.70	0.08	0.01	0.04	3.30	0.43	0.26	0.15
0.75	0.09	0.01	0.04	3.35	0.44	0.27	0.15
0.80	0.10	0.01	0.05	3.40	0.45	0.27	0.15
0.85	0.10	0.01	0.05	3.45	0.46	0.28	0.15
0.90	0.11	0.02	0.06	3.50	0.46	0.29	0.16
0.95	0.11	0.02	0.06	3.55	0.47	0.29	0.16
1.00	0.12	0.02	0.06	3.60	0.48	0.30	0.16
1.05	0.13	0.03	0.07	3.65	0.49	0.31	0.16
1.10	0.13	0.03	0.07	3.70	0.49	0.31	0.16
1.15	0.14	0.03	0.08	3.75	0.50	0.32	0.16
1.20	0.15	0.04	0.08	3.80	0.51	0.33	0.16
1.25	0.15	0.04	0.08	3.85	0.52	0.33	0.16
1.30	0.16	0.04	0.08	3.90	0.52	0.34	0.16
1.35	0.16	0.05	0.09	3.95	0.53	0.35	0.16
1.40	0.17	0.05	0.09	4.00	0.54	0.35	0.16
1.45	0.18	0.05	0.09	4.05	0.55	0.36	0.17
1.50	0.18	0.06	0.10	4.10	0.56	0.37	0.17
1.55	0.19	0.06	0.10	4.15	0.56	0.38	0.17
1.60	0.20	0.07	0.10	4.20	0.57	0.38	0.17
1.65	0.20	0.07	0.10	4.25	0.58	0.39	0.17
1.70	0.21	0.08	0.10	4.30	0.59	0.40	0.17
1.75	0.22	0.08	0.11	4.35	0.60	0.41	0.17
1.80	0.22	0.09	0.11	4.40	0.60	0.41	0.17
1.85	0.23	0.09	0.11	4.45	0.61	0.42	0.17
1.90	0.24	0.10	0.11	4.50	0.62	0.43	0.17
1.95	0.24	0.10	0.11	4.55	0.63	0.44	0.17
2.00	0.25	0.11	0.12	4.60	0.64	0.44	0.18
2.05	0.26	0.11	0.12	4.65	0.64	0.45	0.18
2.10	0.26	0.12	0.12	4.70	0.65	0.46	0.18
2.15	0.27	0.12	0.12	4.75	0.66	0.47	0.18
2.20	0.28	0.13	0.12	4.80	0.67	0.47	0.18
2.25	0.28	0.13	0.12	4.85	0.68	0.48	0.18
2.30	0.29	0.14	0.13	4.90	0.69	0.49	0.18
2.35	0.30	0.14	0.13	4.95	0.69	0.50	0.18
2.40	0.30	0.15	0.13	5.00	0.70	0.51	0.18
2.45	0.31	0.15	0.13	5.05	0.71	0.51	0.18
2.50	0.32	0.16	0.13	5.10	0.72	0.52	0.18
2.55	0.33	0.17	0.13	5.15	0.73	0.53	0.18

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.19	7.80	1.27	1.05	0.29
5.25	0.74	0.55	0.19	7.85	1.28	1.07	0.29
5.30	0.75	0.55	0.19	7.90	1.30	1.08	0.30
5.35	0.76	0.56	0.19	7.95	1.31	1.09	0.30
5.40	0.77	0.57	0.19	8.00	1.32	1.11	0.30
5.45	0.78	0.58	0.19	8.05	1.34	1.12	0.30
5.50	0.79	0.59	0.19	8.10	1.35	1.13	0.31
5.55	0.80	0.59	0.19	8.15	1.36	1.15	0.31
5.60	0.80	0.60	0.19	8.20	1.38	1.16	0.31
5.65	0.81	0.61	0.19	8.25	1.39	1.17	0.31
5.70	0.82	0.62	0.19	8.30	1.40	1.19	0.32
5.75	0.83	0.63	0.19	8.35	1.42	1.20	0.32
5.80	0.84	0.64	0.19	8.40	1.43	1.21	0.32
5.85	0.85	0.64	0.20	8.45	1.45	1.23	0.32
5.90	0.86	0.65	0.20	8.50	1.46	1.24	0.33
5.95	0.87	0.66	0.20	8.55	1.48	1.26	0.33
6.00	0.87	0.67	0.20	8.60	1.49	1.27	0.33
6.05	0.88	0.68	0.20	8.65	1.51	1.29	0.33
6.10	0.89	0.69	0.20	8.70	1.52	1.30	0.34
6.15	0.90	0.70	0.20	8.75	1.54	1.32	0.34
6.20	0.91	0.71	0.21	8.80	1.55	1.33	0.34
6.25	0.92	0.71	0.21	8.85	1.57	1.35	0.34
6.30	0.93	0.72	0.21	8.90	1.58	1.36	0.35
6.35	0.94	0.73	0.22	8.95	1.60	1.38	0.35
6.40	0.95	0.74	0.22	9.00	1.61	1.39	0.35
6.45	0.96	0.75	0.22	9.05	1.63	1.41	0.36
6.50	0.97	0.76	0.22	9.10	1.64	1.42	0.37
6.55	0.98	0.77	0.23	9.15	1.66	1.44	0.38
6.60	0.99	0.78	0.23	9.20	1.68	1.46	0.39
6.65	1.00	0.79	0.23	9.25	1.70	1.47	0.40
6.70	1.01	0.80	0.23	9.30	1.72	1.49	0.41
6.75	1.02	0.81	0.24	9.35	1.73	1.51	0.42
6.80	1.03	0.82	0.24	9.40	1.75	1.53	0.43
6.85	1.04	0.83	0.24	9.45	1.77	1.55	0.44
6.90	1.05	0.84	0.24	9.50	1.79	1.57	0.45
6.95	1.07	0.85	0.25	9.55	1.81	1.59	0.46
7.00	1.08	0.87	0.25	9.60	1.83	1.61	0.47
7.05	1.09	0.88	0.25	9.65	1.85	1.63	0.48
7.10	1.10	0.89	0.25	9.70	1.88	1.65	0.49
7.15	1.11	0.90	0.26	9.75	1.90	1.67	0.49
7.20	1.12	0.91	0.26	9.80	1.92	1.69	0.50
7.25	1.13	0.92	0.26	9.85	1.94	1.72	0.51
7.30	1.15	0.93	0.26	9.90	1.97	1.74	0.52
7.35	1.16	0.94	0.27	9.95	1.99	1.76	0.53
7.40	1.17	0.96	0.27	10.00	2.01	1.79	0.54
7.45	1.18	0.97	0.27	10.05	2.04	1.81	0.55
7.50	1.19	0.98	0.28	10.10	2.06	1.84	0.56
7.55	1.21	0.99	0.28	10.15	2.09	1.86	0.57
7.60	1.22	1.00	0.28	10.20	2.11	1.89	0.58
7.65	1.23	1.02	0.28	10.25	2.14	1.91	0.59
7.70	1.24	1.03	0.29	10.30	2.17	1.94	0.60
7.75	1.26	1.04	0.29	10.35	2.19	1.97	0.61

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.62	13.00	8.39	8.15	1.17
10.45	2.25	2.02	0.63	13.05	8.43	8.19	1.10
10.50	2.28	2.05	0.64	13.10	8.48	8.24	1.03
10.55	2.31	2.08	0.67	13.15	8.52	8.28	0.99
10.60	2.34	2.11	0.71	13.20	8.56	8.32	0.95
10.65	2.37	2.14	0.74	13.25	8.60	8.36	0.91
10.70	2.41	2.18	0.78	13.30	8.63	8.39	0.88
10.75	2.44	2.21	0.81	13.35	8.67	8.43	0.84
10.80	2.48	2.25	0.85	13.40	8.70	8.46	0.80
10.85	2.52	2.29	0.89	13.45	8.73	8.49	0.77
10.90	2.56	2.33	0.93	13.50	8.76	8.52	0.73
10.95	2.61	2.38	0.96	13.55	8.79	8.55	0.69
11.00	2.65	2.42	1.00	13.60	8.82	8.58	0.66
11.05	2.70	2.47	1.06	13.65	8.85	8.61	0.64
11.10	2.75	2.52	1.13	13.70	8.87	8.63	0.63
11.15	2.80	2.57	1.19	13.75	8.90	8.66	0.62
11.20	2.86	2.63	1.27	13.80	8.93	8.69	0.61
11.25	2.92	2.69	1.33	13.85	8.95	8.71	0.60
11.30	2.98	2.75	1.40	13.90	8.98	8.74	0.59
11.35	3.05	2.82	1.47	13.95	9.00	8.76	0.58
11.40	3.12	2.89	1.54	14.00	9.03	8.79	0.57
11.45	3.19	2.96	1.59	14.05	9.05	8.81	0.56
11.50	3.26	3.03	1.65	14.10	9.07	8.83	0.55
11.55	3.37	3.14	2.00	14.15	9.10	8.86	0.54
11.60	3.49	3.25	2.46	14.20	9.12	8.88	0.53
11.65	3.60	3.37	2.61	14.25	9.14	8.90	0.52
11.70	3.72	3.49	2.70	14.30	9.16	8.92	0.51
11.75	3.88	3.65	3.09	14.35	9.19	8.95	0.50
11.80	4.04	3.81	3.60	14.40	9.21	8.97	0.49
11.85	4.27	4.03	4.25	14.45	9.23	8.99	0.49
11.90	4.49	4.25	5.01	14.50	9.25	9.01	0.48
11.95	4.88	4.64	6.55	14.55	9.27	9.03	0.47
12.00	5.26	5.02	8.48	14.60	9.29	9.05	0.46
12.05	5.91	5.67	11.10	14.65	9.31	9.07	0.45
12.10	6.55	6.31	14.10	14.70	9.32	9.08	0.44
12.15	6.77	6.53	11.13	14.75	9.34	9.10	0.43
12.20	7.00	6.76	6.38	14.80	9.36	9.12	0.42
12.25	7.16	6.92	4.83	14.85	9.38	9.14	0.41
12.30	7.32	7.08	3.93	14.90	9.40	9.15	0.40
12.35	7.44	7.20	3.38	14.95	9.41	9.17	0.39
12.40	7.55	7.31	2.85	15.00	9.43	9.19	0.38
12.45	7.67	7.43	2.69	15.05	9.44	9.20	0.37
12.50	7.78	7.54	2.60	15.10	9.46	9.22	0.36
12.55	7.85	7.61	2.24	15.15	9.47	9.23	0.36
12.60	7.92	7.68	1.78	15.20	9.49	9.25	0.35
12.65	7.99	7.75	1.65	15.25	9.50	9.26	0.35
12.70	8.06	7.82	1.58	15.30	9.52	9.28	0.35
12.75	8.12	7.88	1.51	15.35	9.53	9.29	0.35
12.80	8.18	7.94	1.44	15.40	9.55	9.31	0.34
12.85	8.24	8.00	1.38	15.45	9.56	9.32	0.34
12.90	8.29	8.05	1.31	15.50	9.58	9.34	0.34
12.95	8.34	8.10	1.24	15.55	9.59	9.35	0.34

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.33	18.20	10.20	9.96	0.20
15.65	9.62	9.38	0.33	18.25	10.21	9.97	0.20
15.70	9.64	9.39	0.33	18.30	10.22	9.98	0.20
15.75	9.65	9.41	0.33	18.35	10.23	9.99	0.20
15.80	9.66	9.42	0.32	18.40	10.24	9.99	0.20
15.85	9.68	9.44	0.32	18.45	10.24	10.00	0.20
15.90	9.69	9.45	0.32	18.50	10.25	10.01	0.20
15.95	9.70	9.46	0.32	18.55	10.26	10.02	0.20
16.00	9.72	9.48	0.31	18.60	10.27	10.03	0.20
16.05	9.73	9.49	0.31	18.65	10.28	10.04	0.20
16.10	9.74	9.50	0.31	18.70	10.29	10.05	0.20
16.15	9.76	9.52	0.31	18.75	10.30	10.05	0.20
16.20	9.77	9.53	0.30	18.80	10.30	10.06	0.20
16.25	9.78	9.54	0.30	18.85	10.31	10.07	0.20
16.30	9.80	9.55	0.30	18.90	10.32	10.08	0.20
16.35	9.81	9.57	0.30	18.95	10.33	10.09	0.20
16.40	9.82	9.58	0.29	19.00	10.34	10.10	0.19
16.45	9.83	9.59	0.29	19.05	10.35	10.11	0.19
16.50	9.85	9.60	0.29	19.10	10.35	10.11	0.19
16.55	9.86	9.62	0.29	19.15	10.36	10.12	0.19
16.60	9.87	9.63	0.28	19.20	10.37	10.13	0.19
16.65	9.88	9.64	0.28	19.25	10.38	10.14	0.19
16.70	9.89	9.65	0.28	19.30	10.39	10.15	0.19
16.75	9.91	9.66	0.28	19.35	10.40	10.15	0.19
16.80	9.92	9.68	0.27	19.40	10.40	10.16	0.19
16.85	9.93	9.69	0.27	19.45	10.41	10.17	0.19
16.90	9.94	9.70	0.27	19.50	10.42	10.18	0.19
16.95	9.95	9.71	0.27	19.55	10.43	10.19	0.19
17.00	9.96	9.72	0.26	19.60	10.44	10.20	0.19
17.05	9.97	9.73	0.26	19.65	10.44	10.20	0.19
17.10	9.99	9.74	0.26	19.70	10.45	10.21	0.19
17.15	10.00	9.76	0.26	19.75	10.46	10.22	0.19
17.20	10.01	9.77	0.25	19.80	10.47	10.23	0.19
17.25	10.02	9.78	0.25	19.85	10.48	10.24	0.18
17.30	10.03	9.79	0.25	19.90	10.48	10.24	0.18
17.35	10.04	9.80	0.24	19.95	10.49	10.25	0.18
17.40	10.05	9.81	0.24	20.00	10.50	10.26	0.18
17.45	10.06	9.82	0.24	20.05	10.51	10.27	0.18
17.50	10.07	9.83	0.24	20.10	10.52	10.27	0.18
17.55	10.08	9.84	0.23	20.15	10.52	10.28	0.18
17.60	10.09	9.85	0.23	20.20	10.53	10.29	0.18
17.65	10.10	9.86	0.23	20.25	10.54	10.30	0.18
17.70	10.11	9.87	0.23	20.30	10.55	10.31	0.18
17.75	10.12	9.88	0.22	20.35	10.55	10.31	0.18
17.80	10.13	9.89	0.22	20.40	10.56	10.32	0.18
17.85	10.14	9.90	0.22	20.45	10.57	10.33	0.18
17.90	10.15	9.91	0.22	20.50	10.58	10.34	0.18
17.95	10.16	9.92	0.21	20.55	10.58	10.34	0.18
18.00	10.17	9.92	0.21	20.60	10.59	10.35	0.18
18.05	10.17	9.93	0.21	20.65	10.60	10.36	0.17
18.10	10.18	9.94	0.21	20.70	10.61	10.37	0.17
18.15	10.19	9.95	0.21	20.75	10.61	10.37	0.17

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.17	23.40	10.97	10.73	0.14
20.85	10.63	10.39	0.17	23.45	10.97	10.73	0.14
20.90	10.64	10.39	0.17	23.50	10.98	10.74	0.14
20.95	10.64	10.40	0.17	23.55	10.99	10.74	0.14
21.00	10.65	10.41	0.17	23.60	10.99	10.75	0.14
21.05	10.66	10.42	0.17	23.65	11.00	10.76	0.14
21.10	10.66	10.42	0.17	23.70	11.00	10.76	0.14
21.15	10.67	10.43	0.17	23.75	11.01	10.77	0.13
21.20	10.68	10.44	0.17	23.80	11.01	10.77	0.13
21.25	10.69	10.45	0.17	23.85	11.02	10.78	0.13
21.30	10.69	10.45	0.17	23.90	11.03	10.78	0.13
21.35	10.70	10.46	0.17	23.95	11.03	10.79	0.14
21.40	10.71	10.47	0.16	24.00	11.04	10.80	0.16
21.45	10.71	10.47	0.16	24.05	11.04	10.80	0.10
21.50	10.72	10.48	0.16	24.10	11.04	10.80	0.02
21.55	10.73	10.49	0.16	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.16	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.16	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.16	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.16	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.16	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.16	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.16	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.16	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.16	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.16	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.15	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.15	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.15	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.15	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.15	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.15	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.15	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.15	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.15	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.15	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.15	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.15	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.15	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.15	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.15	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.15	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.14	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.14	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.14	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.14	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.14	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.14	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.14	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.14	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.14	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.14	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 36BI: PDA-36B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 36BP: PDA-36B (pervious)

Runoff = 14.64 cfs @ 12.08 hrs, Volume= 0.849 af, Depth= 7.72"
 Routed to Pond B-36B : Basin #36B

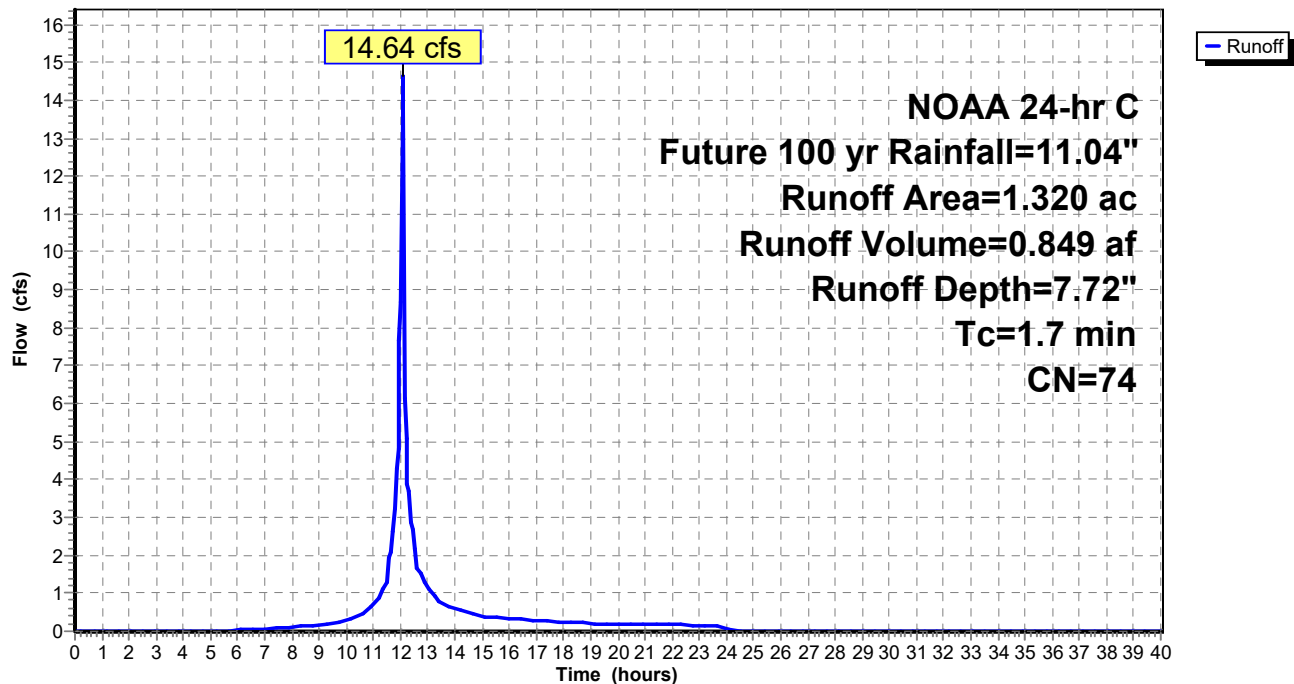
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.320	74	>75% Grass cover, Good, HSG C
1.320		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7					Direct Entry,

Subcatchment 36BP: PDA-36B (pervious)

Hydrograph



Hydrograph for Subcatchment 36BP: PDA-36B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.01	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.10
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.11
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.11
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.12
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.12
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.12
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.12
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.13
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.13
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.13
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.13
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.14
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.14
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.14
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.15
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.15
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.15
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.16
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.16
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.17
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.18
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.19
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.19
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.20
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.20
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.21
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.22
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.23
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.23
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.24
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.25
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.26
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.26
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.27
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.28
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.29
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.30
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.31
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.31
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.33
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.33
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.34
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.35
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.36

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.37	13.00	8.39	5.28	1.18
10.45	2.25	0.47	0.38	13.05	8.43	5.32	1.07
10.50	2.28	0.49	0.39	13.10	8.48	5.36	1.05
10.55	2.31	0.50	0.43	13.15	8.52	5.39	0.98
10.60	2.34	0.52	0.44	13.20	8.56	5.43	0.97
10.65	2.37	0.54	0.48	13.25	8.60	5.46	0.91
10.70	2.41	0.56	0.50	13.30	8.63	5.50	0.90
10.75	2.44	0.58	0.54	13.35	8.67	5.53	0.83
10.80	2.48	0.60	0.56	13.40	8.70	5.56	0.82
10.85	2.52	0.62	0.60	13.45	8.73	5.59	0.76
10.90	2.56	0.64	0.62	13.50	8.76	5.61	0.74
10.95	2.61	0.67	0.67	13.55	8.79	5.64	0.68
11.00	2.65	0.69	0.69	13.60	8.82	5.67	0.67
11.05	2.70	0.72	0.77	13.65	8.85	5.69	0.66
11.10	2.75	0.75	0.80	13.70	8.87	5.71	0.65
11.15	2.80	0.79	0.89	13.75	8.90	5.74	0.64
11.20	2.86	0.82	0.91	13.80	8.93	5.76	0.63
11.25	2.92	0.86	1.01	13.85	8.95	5.79	0.62
11.30	2.98	0.90	1.04	13.90	8.98	5.81	0.62
11.35	3.05	0.94	1.13	13.95	9.00	5.83	0.60
11.40	3.12	0.98	1.16	14.00	9.03	5.85	0.59
11.45	3.19	1.03	1.24	14.05	9.05	5.88	0.58
11.50	3.26	1.08	1.32	14.10	9.07	5.90	0.58
11.55	3.37	1.15	1.92	14.15	9.10	5.92	0.56
11.60	3.49	1.23	2.04	14.20	9.12	5.94	0.56
11.65	3.60	1.31	2.16	14.25	9.14	5.96	0.54
11.70	3.72	1.39	2.27	14.30	9.16	5.98	0.54
11.75	3.88	1.51	2.99	14.35	9.19	6.00	0.52
11.80	4.04	1.63	3.23	14.40	9.21	6.02	0.52
11.85	4.27	1.79	4.31	14.45	9.23	6.04	0.50
11.90	4.49	1.96	4.79	14.50	9.25	6.06	0.50
11.95	4.88	2.27	7.66	14.55	9.27	6.07	0.48
12.00	5.26	2.57	8.68	14.60	9.29	6.09	0.48
12.05	5.91	3.11	13.54	14.65	9.31	6.11	0.46
12.10	6.55	3.65	13.77	14.70	9.32	6.13	0.46
12.15	6.77	3.85	6.13	14.75	9.34	6.14	0.44
12.20	7.00	4.04	5.06	14.80	9.36	6.16	0.44
12.25	7.16	4.18	3.90	14.85	9.38	6.17	0.42
12.30	7.32	4.32	3.68	14.90	9.40	6.19	0.42
12.35	7.44	4.43	2.86	14.95	9.41	6.21	0.40
12.40	7.55	4.53	2.75	15.00	9.43	6.22	0.40
12.45	7.67	4.63	2.65	15.05	9.44	6.23	0.38
12.50	7.78	4.73	2.56	15.10	9.46	6.25	0.38
12.55	7.85	4.79	1.81	15.15	9.47	6.26	0.37
12.60	7.92	4.86	1.70	15.20	9.49	6.28	0.37
12.65	7.99	4.92	1.62	15.25	9.50	6.29	0.37
12.70	8.06	4.98	1.60	15.30	9.52	6.30	0.37
12.75	8.12	5.03	1.48	15.35	9.53	6.32	0.36
12.80	8.18	5.09	1.46	15.40	9.55	6.33	0.36
12.85	8.24	5.14	1.35	15.45	9.56	6.34	0.36
12.90	8.29	5.19	1.32	15.50	9.58	6.36	0.36
12.95	8.34	5.23	1.21	15.55	9.59	6.37	0.35

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.35	18.20	10.20	6.93	0.22
15.65	9.62	6.40	0.35	18.25	10.21	6.94	0.22
15.70	9.64	6.41	0.35	18.30	10.22	6.95	0.22
15.75	9.65	6.42	0.34	18.35	10.23	6.96	0.22
15.80	9.66	6.44	0.34	18.40	10.24	6.97	0.22
15.85	9.68	6.45	0.34	18.45	10.24	6.97	0.21
15.90	9.69	6.46	0.34	18.50	10.25	6.98	0.21
15.95	9.70	6.47	0.33	18.55	10.26	6.99	0.21
16.00	9.72	6.49	0.33	18.60	10.27	7.00	0.21
16.05	9.73	6.50	0.33	18.65	10.28	7.01	0.21
16.10	9.74	6.51	0.33	18.70	10.29	7.01	0.21
16.15	9.76	6.52	0.32	18.75	10.30	7.02	0.21
16.20	9.77	6.54	0.32	18.80	10.30	7.03	0.21
16.25	9.78	6.55	0.32	18.85	10.31	7.04	0.21
16.30	9.80	6.56	0.31	18.90	10.32	7.04	0.21
16.35	9.81	6.57	0.31	18.95	10.33	7.05	0.21
16.40	9.82	6.58	0.31	19.00	10.34	7.06	0.21
16.45	9.83	6.59	0.30	19.05	10.35	7.07	0.21
16.50	9.85	6.60	0.30	19.10	10.35	7.08	0.21
16.55	9.86	6.62	0.30	19.15	10.36	7.08	0.20
16.60	9.87	6.63	0.30	19.20	10.37	7.09	0.20
16.65	9.88	6.64	0.29	19.25	10.38	7.10	0.20
16.70	9.89	6.65	0.29	19.30	10.39	7.11	0.20
16.75	9.91	6.66	0.29	19.35	10.40	7.11	0.20
16.80	9.92	6.67	0.29	19.40	10.40	7.12	0.20
16.85	9.93	6.68	0.28	19.45	10.41	7.13	0.20
16.90	9.94	6.69	0.28	19.50	10.42	7.14	0.20
16.95	9.95	6.70	0.28	19.55	10.43	7.14	0.20
17.00	9.96	6.71	0.28	19.60	10.44	7.15	0.20
17.05	9.97	6.72	0.27	19.65	10.44	7.16	0.20
17.10	9.99	6.73	0.27	19.70	10.45	7.17	0.20
17.15	10.00	6.74	0.27	19.75	10.46	7.17	0.20
17.20	10.01	6.75	0.27	19.80	10.47	7.18	0.20
17.25	10.02	6.76	0.26	19.85	10.48	7.19	0.20
17.30	10.03	6.77	0.26	19.90	10.48	7.20	0.20
17.35	10.04	6.78	0.26	19.95	10.49	7.20	0.19
17.40	10.05	6.79	0.26	20.00	10.50	7.21	0.19
17.45	10.06	6.80	0.25	20.05	10.51	7.22	0.19
17.50	10.07	6.81	0.25	20.10	10.52	7.23	0.19
17.55	10.08	6.82	0.25	20.15	10.52	7.23	0.19
17.60	10.09	6.83	0.25	20.20	10.53	7.24	0.19
17.65	10.10	6.84	0.24	20.25	10.54	7.25	0.19
17.70	10.11	6.85	0.24	20.30	10.55	7.25	0.19
17.75	10.12	6.86	0.24	20.35	10.55	7.26	0.19
17.80	10.13	6.87	0.24	20.40	10.56	7.27	0.19
17.85	10.14	6.87	0.23	20.45	10.57	7.28	0.19
17.90	10.15	6.88	0.23	20.50	10.58	7.28	0.19
17.95	10.16	6.89	0.23	20.55	10.58	7.29	0.19
18.00	10.17	6.90	0.22	20.60	10.59	7.30	0.19
18.05	10.17	6.91	0.22	20.65	10.60	7.30	0.19
18.10	10.18	6.92	0.22	20.70	10.61	7.31	0.18
18.15	10.19	6.92	0.22	20.75	10.61	7.32	0.18

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.18	23.40	10.97	7.65	0.15
20.85	10.63	7.33	0.18	23.45	10.97	7.65	0.15
20.90	10.64	7.34	0.18	23.50	10.98	7.66	0.15
20.95	10.64	7.34	0.18	23.55	10.99	7.66	0.15
21.00	10.65	7.35	0.18	23.60	10.99	7.67	0.15
21.05	10.66	7.36	0.18	23.65	11.00	7.67	0.15
21.10	10.66	7.36	0.18	23.70	11.00	7.68	0.15
21.15	10.67	7.37	0.18	23.75	11.01	7.69	0.14
21.20	10.68	7.38	0.18	23.80	11.01	7.69	0.14
21.25	10.69	7.38	0.18	23.85	11.02	7.70	0.14
21.30	10.69	7.39	0.18	23.90	11.03	7.70	0.14
21.35	10.70	7.40	0.18	23.95	11.03	7.71	0.17
21.40	10.71	7.40	0.18	24.00	11.04	7.72	0.16
21.45	10.71	7.41	0.17	24.05	11.04	7.72	0.02
21.50	10.72	7.42	0.17	24.10	11.04	7.72	0.00
21.55	10.73	7.42	0.17	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.17	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.17	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.17	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.17	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.17	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.17	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.17	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.17	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.17	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.17	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.17	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.17	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.17	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.16	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.16	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.16	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.16	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.16	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.16	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.16	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.16	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.16	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.16	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.16	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.16	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.16	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.16	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.16	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.15	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.15	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.15	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.15	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.15	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.15	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.15	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.15	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 36BP: PDA-36B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 37A1: PDA-37B (impervious)

Runoff = 11.09 cfs @ 12.07 hrs, Volume= 0.769 af, Depth=10.80"
 Routed to Pond B-37A : Basin #37A

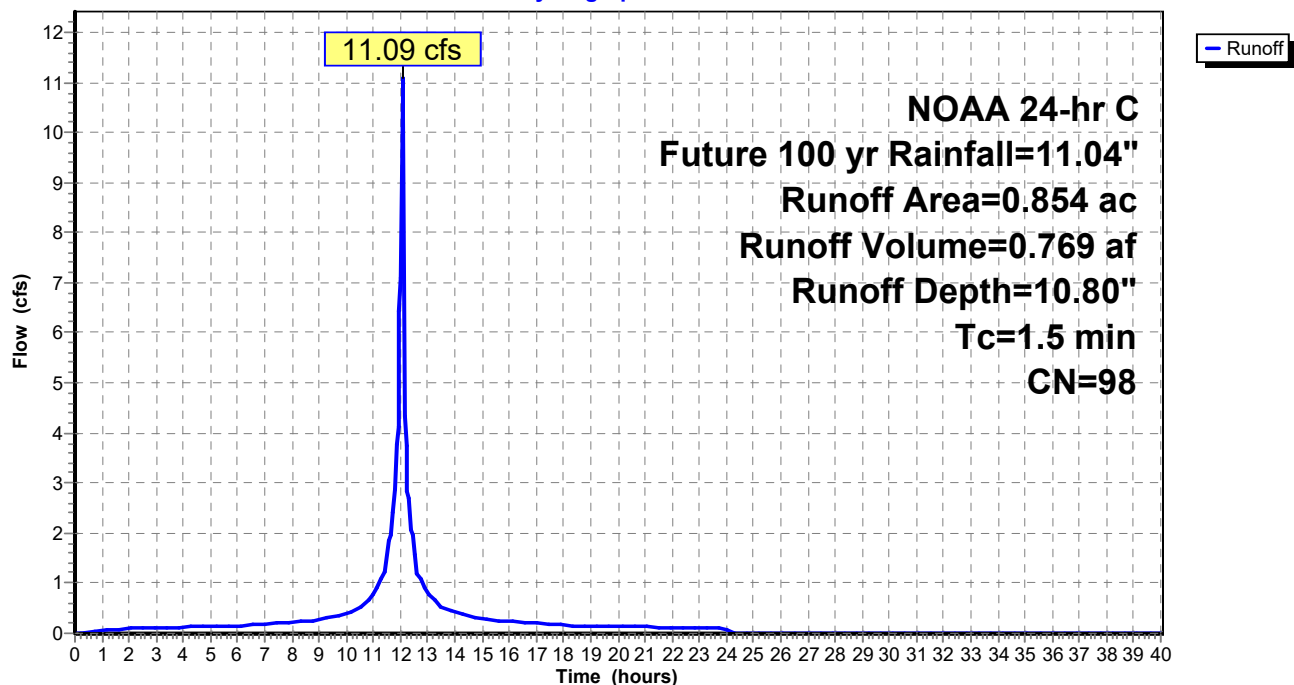
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.673	98	Pavement, HSG C
* 0.181	98	Concrete, HSC C
0.854	98	Weighted Average
0.854		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.5					Direct Entry,

Subcatchment 37A1: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37A1: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.10
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.10
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.10
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.10
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.10
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.11
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.11
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.11
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.11
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.11
0.65	0.08	0.01	0.03	3.25	0.43	0.25	0.11
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.11
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.11
0.80	0.10	0.01	0.04	3.40	0.45	0.27	0.11
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.12
0.95	0.11	0.02	0.05	3.55	0.47	0.29	0.12
1.00	0.12	0.02	0.05	3.60	0.48	0.30	0.12
1.05	0.13	0.03	0.05	3.65	0.49	0.31	0.12
1.10	0.13	0.03	0.06	3.70	0.49	0.31	0.12
1.15	0.14	0.03	0.06	3.75	0.50	0.32	0.12
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.12
1.25	0.15	0.04	0.06	3.85	0.52	0.33	0.12
1.30	0.16	0.04	0.06	3.90	0.52	0.34	0.12
1.35	0.16	0.05	0.07	3.95	0.53	0.35	0.12
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.12
1.45	0.18	0.05	0.07	4.05	0.55	0.36	0.12
1.50	0.18	0.06	0.07	4.10	0.56	0.37	0.12
1.55	0.19	0.06	0.07	4.15	0.56	0.38	0.13
1.60	0.20	0.07	0.07	4.20	0.57	0.38	0.13
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.13
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.13
1.75	0.22	0.08	0.08	4.35	0.60	0.41	0.13
1.80	0.22	0.09	0.08	4.40	0.60	0.41	0.13
1.85	0.23	0.09	0.08	4.45	0.61	0.42	0.13
1.90	0.24	0.10	0.08	4.50	0.62	0.43	0.13
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.13
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.13
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.13
2.10	0.26	0.12	0.09	4.70	0.65	0.46	0.13
2.15	0.27	0.12	0.09	4.75	0.66	0.47	0.13
2.20	0.28	0.13	0.09	4.80	0.67	0.47	0.13
2.25	0.28	0.13	0.09	4.85	0.68	0.48	0.13
2.30	0.29	0.14	0.09	4.90	0.69	0.49	0.13
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.14
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.14
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.14
2.50	0.32	0.16	0.10	5.10	0.72	0.52	0.14
2.55	0.33	0.17	0.10	5.15	0.73	0.53	0.14

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.14	7.80	1.27	1.05	0.22
5.25	0.74	0.55	0.14	7.85	1.28	1.07	0.22
5.30	0.75	0.55	0.14	7.90	1.30	1.08	0.22
5.35	0.76	0.56	0.14	7.95	1.31	1.09	0.22
5.40	0.77	0.57	0.14	8.00	1.32	1.11	0.23
5.45	0.78	0.58	0.14	8.05	1.34	1.12	0.23
5.50	0.79	0.59	0.14	8.10	1.35	1.13	0.23
5.55	0.80	0.59	0.14	8.15	1.36	1.15	0.23
5.60	0.80	0.60	0.14	8.20	1.38	1.16	0.23
5.65	0.81	0.61	0.14	8.25	1.39	1.17	0.24
5.70	0.82	0.62	0.14	8.30	1.40	1.19	0.24
5.75	0.83	0.63	0.14	8.35	1.42	1.20	0.24
5.80	0.84	0.64	0.14	8.40	1.43	1.21	0.24
5.85	0.85	0.64	0.15	8.45	1.45	1.23	0.24
5.90	0.86	0.65	0.15	8.50	1.46	1.24	0.24
5.95	0.87	0.66	0.15	8.55	1.48	1.26	0.25
6.00	0.87	0.67	0.15	8.60	1.49	1.27	0.25
6.05	0.88	0.68	0.15	8.65	1.51	1.29	0.25
6.10	0.89	0.69	0.15	8.70	1.52	1.30	0.25
6.15	0.90	0.70	0.15	8.75	1.54	1.32	0.25
6.20	0.91	0.71	0.16	8.80	1.55	1.33	0.26
6.25	0.92	0.71	0.16	8.85	1.57	1.35	0.26
6.30	0.93	0.72	0.16	8.90	1.58	1.36	0.26
6.35	0.94	0.73	0.16	8.95	1.60	1.38	0.26
6.40	0.95	0.74	0.16	9.00	1.61	1.39	0.26
6.45	0.96	0.75	0.17	9.05	1.63	1.41	0.28
6.50	0.97	0.76	0.17	9.10	1.64	1.42	0.28
6.55	0.98	0.77	0.17	9.15	1.66	1.44	0.29
6.60	0.99	0.78	0.17	9.20	1.68	1.46	0.29
6.65	1.00	0.79	0.17	9.25	1.70	1.47	0.31
6.70	1.01	0.80	0.17	9.30	1.72	1.49	0.31
6.75	1.02	0.81	0.18	9.35	1.73	1.51	0.32
6.80	1.03	0.82	0.18	9.40	1.75	1.53	0.32
6.85	1.04	0.83	0.18	9.45	1.77	1.55	0.33
6.90	1.05	0.84	0.18	9.50	1.79	1.57	0.34
6.95	1.07	0.85	0.19	9.55	1.81	1.59	0.35
7.00	1.08	0.87	0.19	9.60	1.83	1.61	0.35
7.05	1.09	0.88	0.19	9.65	1.85	1.63	0.36
7.10	1.10	0.89	0.19	9.70	1.88	1.65	0.36
7.15	1.11	0.90	0.19	9.75	1.90	1.67	0.38
7.20	1.12	0.91	0.19	9.80	1.92	1.69	0.38
7.25	1.13	0.92	0.20	9.85	1.94	1.72	0.39
7.30	1.15	0.93	0.20	9.90	1.97	1.74	0.39
7.35	1.16	0.94	0.20	9.95	1.99	1.76	0.40
7.40	1.17	0.96	0.20	10.00	2.01	1.79	0.41
7.45	1.18	0.97	0.20	10.05	2.04	1.81	0.42
7.50	1.19	0.98	0.21	10.10	2.06	1.84	0.42
7.55	1.21	0.99	0.21	10.15	2.09	1.86	0.43
7.60	1.22	1.00	0.21	10.20	2.11	1.89	0.44
7.65	1.23	1.02	0.21	10.25	2.14	1.91	0.45
7.70	1.24	1.03	0.21	10.30	2.17	1.94	0.45
7.75	1.26	1.04	0.22	10.35	2.19	1.97	0.46

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.46	13.00	8.39	8.15	0.84
10.45	2.25	2.02	0.48	13.05	8.43	8.19	0.76
10.50	2.28	2.05	0.48	13.10	8.48	8.24	0.75
10.55	2.31	2.08	0.53	13.15	8.52	8.28	0.70
10.60	2.34	2.11	0.54	13.20	8.56	8.32	0.69
10.65	2.37	2.14	0.58	13.25	8.60	8.36	0.65
10.70	2.41	2.18	0.59	13.30	8.63	8.39	0.64
10.75	2.44	2.21	0.64	13.35	8.67	8.43	0.59
10.80	2.48	2.25	0.65	13.40	8.70	8.46	0.58
10.85	2.52	2.29	0.69	13.45	8.73	8.49	0.54
10.90	2.56	2.33	0.70	13.50	8.76	8.52	0.53
10.95	2.61	2.38	0.75	13.55	8.79	8.55	0.48
11.00	2.65	2.42	0.76	13.60	8.82	8.58	0.48
11.05	2.70	2.47	0.84	13.65	8.85	8.61	0.47
11.10	2.75	2.52	0.86	13.70	8.87	8.63	0.46
11.15	2.80	2.57	0.95	13.75	8.90	8.66	0.45
11.20	2.86	2.63	0.96	13.80	8.93	8.69	0.45
11.25	2.92	2.69	1.05	13.85	8.95	8.71	0.44
11.30	2.98	2.75	1.07	13.90	8.98	8.74	0.44
11.35	3.05	2.82	1.15	13.95	9.00	8.76	0.42
11.40	3.12	2.89	1.17	14.00	9.03	8.79	0.42
11.45	3.19	2.96	1.23	14.05	9.05	8.81	0.41
11.50	3.26	3.03	1.31	14.10	9.07	8.83	0.41
11.55	3.37	3.14	1.87	14.15	9.10	8.86	0.40
11.60	3.49	3.25	1.93	14.20	9.12	8.88	0.39
11.65	3.60	3.37	2.01	14.25	9.14	8.90	0.38
11.70	3.72	3.49	2.10	14.30	9.16	8.92	0.38
11.75	3.88	3.65	2.71	14.35	9.19	8.95	0.37
11.80	4.04	3.81	2.88	14.40	9.21	8.97	0.36
11.85	4.27	4.03	3.77	14.45	9.23	8.99	0.35
11.90	4.49	4.25	4.14	14.50	9.25	9.01	0.35
11.95	4.88	4.64	6.44	14.55	9.27	9.03	0.34
12.00	5.26	5.02	7.10	14.60	9.29	9.05	0.34
12.05	5.91	5.67	10.77	14.65	9.31	9.07	0.32
12.10	6.55	6.31	10.32	14.70	9.32	9.08	0.32
12.15	6.77	6.53	4.35	14.75	9.34	9.10	0.31
12.20	7.00	6.76	3.74	14.80	9.36	9.12	0.31
12.25	7.16	6.92	2.85	14.85	9.38	9.14	0.30
12.30	7.32	7.08	2.69	14.90	9.40	9.15	0.29
12.35	7.44	7.20	2.07	14.95	9.41	9.17	0.28
12.40	7.55	7.31	2.01	15.00	9.43	9.19	0.28
12.45	7.67	7.43	1.93	15.05	9.44	9.20	0.27
12.50	7.78	7.54	1.85	15.10	9.46	9.22	0.27
12.55	7.85	7.61	1.29	15.15	9.47	9.23	0.26
12.60	7.92	7.68	1.23	15.20	9.49	9.25	0.26
12.65	7.99	7.75	1.17	15.25	9.50	9.26	0.26
12.70	8.06	7.82	1.15	15.30	9.52	9.28	0.26
12.75	8.12	7.88	1.07	15.35	9.53	9.29	0.26
12.80	8.18	7.94	1.05	15.40	9.55	9.31	0.26
12.85	8.24	8.00	0.96	15.45	9.56	9.32	0.25
12.90	8.29	8.05	0.95	15.50	9.58	9.34	0.25
12.95	8.34	8.10	0.86	15.55	9.59	9.35	0.25

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.25	18.20	10.20	9.96	0.15
15.65	9.62	9.38	0.24	18.25	10.21	9.97	0.15
15.70	9.64	9.39	0.24	18.30	10.22	9.98	0.15
15.75	9.65	9.41	0.24	18.35	10.23	9.99	0.15
15.80	9.66	9.42	0.24	18.40	10.24	9.99	0.15
15.85	9.68	9.44	0.24	18.45	10.24	10.00	0.15
15.90	9.69	9.45	0.24	18.50	10.25	10.01	0.15
15.95	9.70	9.46	0.23	18.55	10.26	10.02	0.15
16.00	9.72	9.48	0.23	18.60	10.27	10.03	0.15
16.05	9.73	9.49	0.23	18.65	10.28	10.04	0.15
16.10	9.74	9.50	0.23	18.70	10.29	10.05	0.15
16.15	9.76	9.52	0.23	18.75	10.30	10.05	0.15
16.20	9.77	9.53	0.22	18.80	10.30	10.06	0.15
16.25	9.78	9.54	0.22	18.85	10.31	10.07	0.15
16.30	9.80	9.55	0.22	18.90	10.32	10.08	0.15
16.35	9.81	9.57	0.22	18.95	10.33	10.09	0.14
16.40	9.82	9.58	0.22	19.00	10.34	10.10	0.14
16.45	9.83	9.59	0.21	19.05	10.35	10.11	0.14
16.50	9.85	9.60	0.21	19.10	10.35	10.11	0.14
16.55	9.86	9.62	0.21	19.15	10.36	10.12	0.14
16.60	9.87	9.63	0.21	19.20	10.37	10.13	0.14
16.65	9.88	9.64	0.21	19.25	10.38	10.14	0.14
16.70	9.89	9.65	0.21	19.30	10.39	10.15	0.14
16.75	9.91	9.66	0.20	19.35	10.40	10.15	0.14
16.80	9.92	9.68	0.20	19.40	10.40	10.16	0.14
16.85	9.93	9.69	0.20	19.45	10.41	10.17	0.14
16.90	9.94	9.70	0.20	19.50	10.42	10.18	0.14
16.95	9.95	9.71	0.20	19.55	10.43	10.19	0.14
17.00	9.96	9.72	0.19	19.60	10.44	10.20	0.14
17.05	9.97	9.73	0.19	19.65	10.44	10.20	0.14
17.10	9.99	9.74	0.19	19.70	10.45	10.21	0.14
17.15	10.00	9.76	0.19	19.75	10.46	10.22	0.14
17.20	10.01	9.77	0.19	19.80	10.47	10.23	0.14
17.25	10.02	9.78	0.18	19.85	10.48	10.24	0.14
17.30	10.03	9.79	0.18	19.90	10.48	10.24	0.14
17.35	10.04	9.80	0.18	19.95	10.49	10.25	0.14
17.40	10.05	9.81	0.18	20.00	10.50	10.26	0.13
17.45	10.06	9.82	0.18	20.05	10.51	10.27	0.13
17.50	10.07	9.83	0.18	20.10	10.52	10.27	0.13
17.55	10.08	9.84	0.17	20.15	10.52	10.28	0.13
17.60	10.09	9.85	0.17	20.20	10.53	10.29	0.13
17.65	10.10	9.86	0.17	20.25	10.54	10.30	0.13
17.70	10.11	9.87	0.17	20.30	10.55	10.31	0.13
17.75	10.12	9.88	0.16	20.35	10.55	10.31	0.13
17.80	10.13	9.89	0.16	20.40	10.56	10.32	0.13
17.85	10.14	9.90	0.16	20.45	10.57	10.33	0.13
17.90	10.15	9.91	0.16	20.50	10.58	10.34	0.13
17.95	10.16	9.92	0.16	20.55	10.58	10.34	0.13
18.00	10.17	9.92	0.16	20.60	10.59	10.35	0.13
18.05	10.17	9.93	0.15	20.65	10.60	10.36	0.13
18.10	10.18	9.94	0.15	20.70	10.61	10.37	0.13
18.15	10.19	9.95	0.15	20.75	10.61	10.37	0.13

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.13	23.40	10.97	10.73	0.10
20.85	10.63	10.39	0.13	23.45	10.97	10.73	0.10
20.90	10.64	10.39	0.13	23.50	10.98	10.74	0.10
20.95	10.64	10.40	0.13	23.55	10.99	10.74	0.10
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.10
21.05	10.66	10.42	0.12	23.65	11.00	10.76	0.10
21.10	10.66	10.42	0.12	23.70	11.00	10.76	0.10
21.15	10.67	10.43	0.12	23.75	11.01	10.77	0.10
21.20	10.68	10.44	0.12	23.80	11.01	10.77	0.10
21.25	10.69	10.45	0.12	23.85	11.02	10.78	0.10
21.30	10.69	10.45	0.12	23.90	11.03	10.78	0.10
21.35	10.70	10.46	0.12	23.95	11.03	10.79	0.12
21.40	10.71	10.47	0.12	24.00	11.04	10.80	0.11
21.45	10.71	10.47	0.12	24.05	11.04	10.80	0.01
21.50	10.72	10.48	0.12	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.12	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.12	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.12	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.12	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.12	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.12	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.12	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.12	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.11	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.11	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.11	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.11	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.11	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.11	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.11	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.11	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.11	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.11	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.11	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.11	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.11	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.11	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.11	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.11	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.11	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.11	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.11	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.10	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.10	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.10	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.10	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.10	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 37A1: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 37AP: PDA-37A (pervious)

Runoff = 12.18 cfs @ 12.14 hrs, Volume= 0.836 af, Depth= 7.72"
 Routed to Pond B-37A : Basin #37A

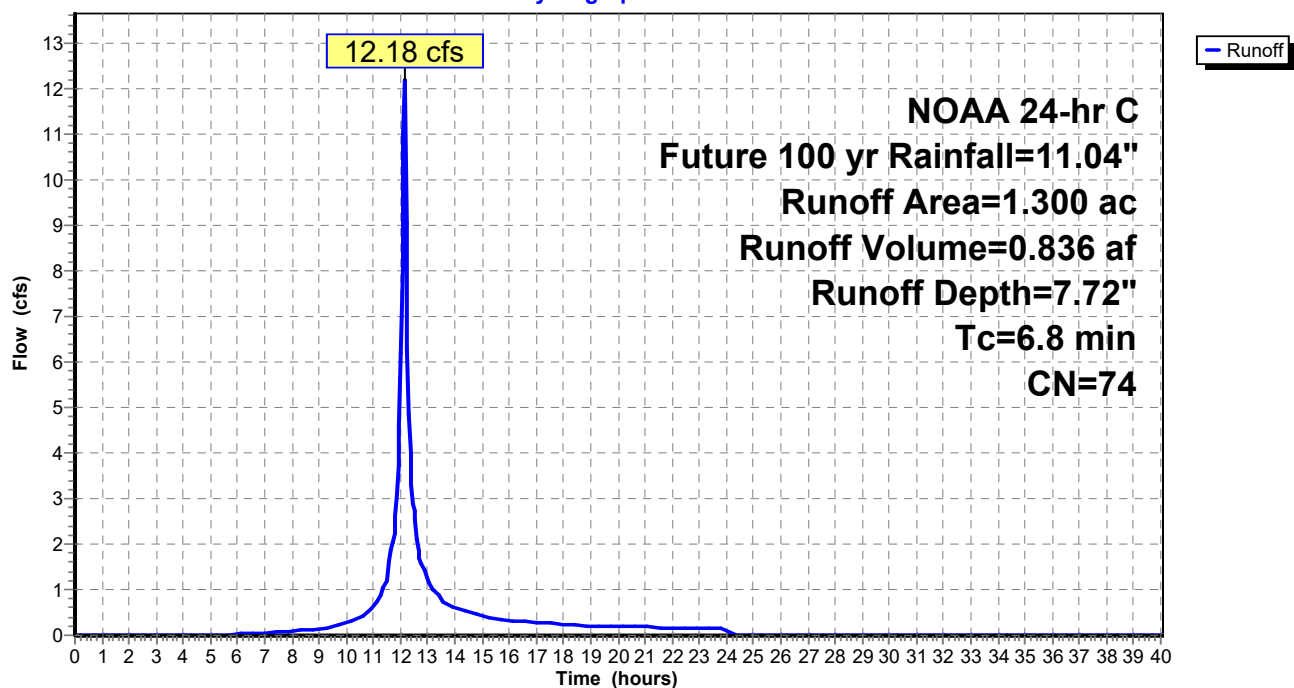
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.300	74	>75% Grass cover, Good, HSG C
1.300		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.8					Direct Entry,

Subcatchment 37AP: PDA-37A (pervious)

Hydrograph



Hydrograph for Subcatchment 37AP: PDA-37A (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.08
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.09
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.09
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.09
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.10
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.10
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.10
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.11
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.11
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.11
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.12
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.12
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.12
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.13
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.13
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.13
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.13
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.14
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.14
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.14
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.14
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.15
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.15
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.16
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.17
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.17
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.18
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.18
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.19
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.20
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.20
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.21
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.22
7.05	1.09	0.04	0.05	9.65	1.85	0.28	0.23
7.10	1.10	0.04	0.05	9.70	1.88	0.29	0.23
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.24
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.25
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.26
7.30	1.15	0.05	0.06	9.90	1.97	0.33	0.26
7.35	1.16	0.05	0.06	9.95	1.99	0.34	0.27
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.28
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.29
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.30
7.55	1.21	0.06	0.07	10.15	2.09	0.39	0.30
7.60	1.22	0.07	0.07	10.20	2.11	0.40	0.31
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.32
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.33
7.75	1.26	0.08	0.08	10.35	2.19	0.44	0.34

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.35	13.00	8.39	5.28	1.25
10.45	2.25	0.47	0.36	13.05	8.43	5.32	1.18
10.50	2.28	0.49	0.37	13.10	8.48	5.36	1.11
10.55	2.31	0.50	0.38	13.15	8.52	5.39	1.05
10.60	2.34	0.52	0.40	13.20	8.56	5.43	1.00
10.65	2.37	0.54	0.43	13.25	8.60	5.46	0.97
10.70	2.41	0.56	0.46	13.30	8.63	5.50	0.93
10.75	2.44	0.58	0.48	13.35	8.67	5.53	0.89
10.80	2.48	0.60	0.51	13.40	8.70	5.56	0.85
10.85	2.52	0.62	0.54	13.45	8.73	5.59	0.82
10.90	2.56	0.64	0.57	13.50	8.76	5.61	0.78
10.95	2.61	0.67	0.60	13.55	8.79	5.64	0.74
11.00	2.65	0.69	0.63	13.60	8.82	5.67	0.70
11.05	2.70	0.72	0.67	13.65	8.85	5.69	0.68
11.10	2.75	0.75	0.72	13.70	8.87	5.71	0.66
11.15	2.80	0.79	0.77	13.75	8.90	5.74	0.65
11.20	2.86	0.82	0.83	13.80	8.93	5.76	0.64
11.25	2.92	0.86	0.88	13.85	8.95	5.79	0.63
11.30	2.98	0.90	0.94	13.90	8.98	5.81	0.62
11.35	3.05	0.94	1.00	13.95	9.00	5.83	0.61
11.40	3.12	0.98	1.07	14.00	9.03	5.85	0.60
11.45	3.19	1.03	1.12	14.05	9.05	5.88	0.59
11.50	3.26	1.08	1.18	14.10	9.07	5.90	0.58
11.55	3.37	1.15	1.30	14.15	9.10	5.92	0.57
11.60	3.49	1.23	1.62	14.20	9.12	5.94	0.56
11.65	3.60	1.31	1.88	14.25	9.14	5.96	0.55
11.70	3.72	1.39	2.03	14.30	9.16	5.98	0.54
11.75	3.88	1.51	2.22	14.35	9.19	6.00	0.53
11.80	4.04	1.63	2.61	14.40	9.21	6.02	0.52
11.85	4.27	1.79	3.06	14.45	9.23	6.04	0.51
11.90	4.49	1.96	3.72	14.50	9.25	6.06	0.50
11.95	4.88	2.27	4.58	14.55	9.27	6.07	0.49
12.00	5.26	2.57	6.20	14.60	9.29	6.09	0.48
12.05	5.91	3.11	8.05	14.65	9.31	6.11	0.47
12.10	6.55	3.65	10.97	14.70	9.32	6.13	0.46
12.15	6.77	3.85	12.06	14.75	9.34	6.14	0.45
12.20	7.00	4.04	9.04	14.80	9.36	6.16	0.44
12.25	7.16	4.18	6.32	14.85	9.38	6.17	0.43
12.30	7.32	4.32	4.83	14.90	9.40	6.19	0.42
12.35	7.44	4.43	3.98	14.95	9.41	6.21	0.41
12.40	7.55	4.53	3.31	15.00	9.43	6.22	0.40
12.45	7.67	4.63	2.90	15.05	9.44	6.23	0.39
12.50	7.78	4.73	2.71	15.10	9.46	6.25	0.38
12.55	7.85	4.79	2.53	15.15	9.47	6.26	0.38
12.60	7.92	4.86	2.13	15.20	9.49	6.28	0.37
12.65	7.99	4.92	1.83	15.25	9.50	6.29	0.37
12.70	8.06	4.98	1.68	15.30	9.52	6.30	0.36
12.75	8.12	5.03	1.60	15.35	9.53	6.32	0.36
12.80	8.18	5.09	1.52	15.40	9.55	6.33	0.36
12.85	8.24	5.14	1.46	15.45	9.56	6.34	0.36
12.90	8.29	5.19	1.38	15.50	9.58	6.36	0.35
12.95	8.34	5.23	1.32	15.55	9.59	6.37	0.35

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.35	18.20	10.20	6.93	0.22
15.65	9.62	6.40	0.35	18.25	10.21	6.94	0.21
15.70	9.64	6.41	0.34	18.30	10.22	6.95	0.21
15.75	9.65	6.42	0.34	18.35	10.23	6.96	0.21
15.80	9.66	6.44	0.34	18.40	10.24	6.97	0.21
15.85	9.68	6.45	0.34	18.45	10.24	6.97	0.21
15.90	9.69	6.46	0.33	18.50	10.25	6.98	0.21
15.95	9.70	6.47	0.33	18.55	10.26	6.99	0.21
16.00	9.72	6.49	0.33	18.60	10.27	7.00	0.21
16.05	9.73	6.50	0.33	18.65	10.28	7.01	0.21
16.10	9.74	6.51	0.32	18.70	10.29	7.01	0.21
16.15	9.76	6.52	0.32	18.75	10.30	7.02	0.21
16.20	9.77	6.54	0.32	18.80	10.30	7.03	0.21
16.25	9.78	6.55	0.32	18.85	10.31	7.04	0.21
16.30	9.80	6.56	0.31	18.90	10.32	7.04	0.21
16.35	9.81	6.57	0.31	18.95	10.33	7.05	0.21
16.40	9.82	6.58	0.31	19.00	10.34	7.06	0.20
16.45	9.83	6.59	0.31	19.05	10.35	7.07	0.20
16.50	9.85	6.60	0.30	19.10	10.35	7.08	0.20
16.55	9.86	6.62	0.30	19.15	10.36	7.08	0.20
16.60	9.87	6.63	0.30	19.20	10.37	7.09	0.20
16.65	9.88	6.64	0.30	19.25	10.38	7.10	0.20
16.70	9.89	6.65	0.29	19.30	10.39	7.11	0.20
16.75	9.91	6.66	0.29	19.35	10.40	7.11	0.20
16.80	9.92	6.67	0.29	19.40	10.40	7.12	0.20
16.85	9.93	6.68	0.28	19.45	10.41	7.13	0.20
16.90	9.94	6.69	0.28	19.50	10.42	7.14	0.20
16.95	9.95	6.70	0.28	19.55	10.43	7.14	0.20
17.00	9.96	6.71	0.28	19.60	10.44	7.15	0.20
17.05	9.97	6.72	0.27	19.65	10.44	7.16	0.20
17.10	9.99	6.73	0.27	19.70	10.45	7.17	0.20
17.15	10.00	6.74	0.27	19.75	10.46	7.17	0.20
17.20	10.01	6.75	0.27	19.80	10.47	7.18	0.20
17.25	10.02	6.76	0.26	19.85	10.48	7.19	0.19
17.30	10.03	6.77	0.26	19.90	10.48	7.20	0.19
17.35	10.04	6.78	0.26	19.95	10.49	7.20	0.19
17.40	10.05	6.79	0.26	20.00	10.50	7.21	0.19
17.45	10.06	6.80	0.25	20.05	10.51	7.22	0.19
17.50	10.07	6.81	0.25	20.10	10.52	7.23	0.19
17.55	10.08	6.82	0.25	20.15	10.52	7.23	0.19
17.60	10.09	6.83	0.25	20.20	10.53	7.24	0.19
17.65	10.10	6.84	0.24	20.25	10.54	7.25	0.19
17.70	10.11	6.85	0.24	20.30	10.55	7.25	0.19
17.75	10.12	6.86	0.24	20.35	10.55	7.26	0.19
17.80	10.13	6.87	0.23	20.40	10.56	7.27	0.19
17.85	10.14	6.87	0.23	20.45	10.57	7.28	0.19
17.90	10.15	6.88	0.23	20.50	10.58	7.28	0.19
17.95	10.16	6.89	0.23	20.55	10.58	7.29	0.18
18.00	10.17	6.90	0.22	20.60	10.59	7.30	0.18
18.05	10.17	6.91	0.22	20.65	10.60	7.30	0.18
18.10	10.18	6.92	0.22	20.70	10.61	7.31	0.18
18.15	10.19	6.92	0.22	20.75	10.61	7.32	0.18

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.18	23.40	10.97	7.65	0.15
20.85	10.63	7.33	0.18	23.45	10.97	7.65	0.15
20.90	10.64	7.34	0.18	23.50	10.98	7.66	0.15
20.95	10.64	7.34	0.18	23.55	10.99	7.66	0.15
21.00	10.65	7.35	0.18	23.60	10.99	7.67	0.14
21.05	10.66	7.36	0.18	23.65	11.00	7.67	0.14
21.10	10.66	7.36	0.18	23.70	11.00	7.68	0.14
21.15	10.67	7.37	0.18	23.75	11.01	7.69	0.14
21.20	10.68	7.38	0.18	23.80	11.01	7.69	0.14
21.25	10.69	7.38	0.18	23.85	11.02	7.70	0.14
21.30	10.69	7.39	0.18	23.90	11.03	7.70	0.14
21.35	10.70	7.40	0.18	23.95	11.03	7.71	0.14
21.40	10.71	7.40	0.17	24.00	11.04	7.72	0.16
21.45	10.71	7.41	0.17	24.05	11.04	7.72	0.15
21.50	10.72	7.42	0.17	24.10	11.04	7.72	0.08
21.55	10.73	7.42	0.17	24.15	11.04	7.72	0.03
21.60	10.74	7.43	0.17	24.20	11.04	7.72	0.01
21.65	10.74	7.44	0.17	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.17	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.17	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.17	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.17	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.17	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.17	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.17	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.16	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.16	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.16	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.16	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.16	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.16	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.16	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.16	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.16	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.16	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.16	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.16	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.16	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.16	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.16	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.15	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.15	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.15	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.15	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.15	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.15	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.15	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.15	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.15	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.15	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.15	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.15	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 37AP: PDA-37A (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 37BI: PDA-37B (impervious)

Runoff = 15.22 cfs @ 12.08 hrs, Volume= 1.047 af, Depth=10.80"
 Routed to Pond B-37B : Basin #37B

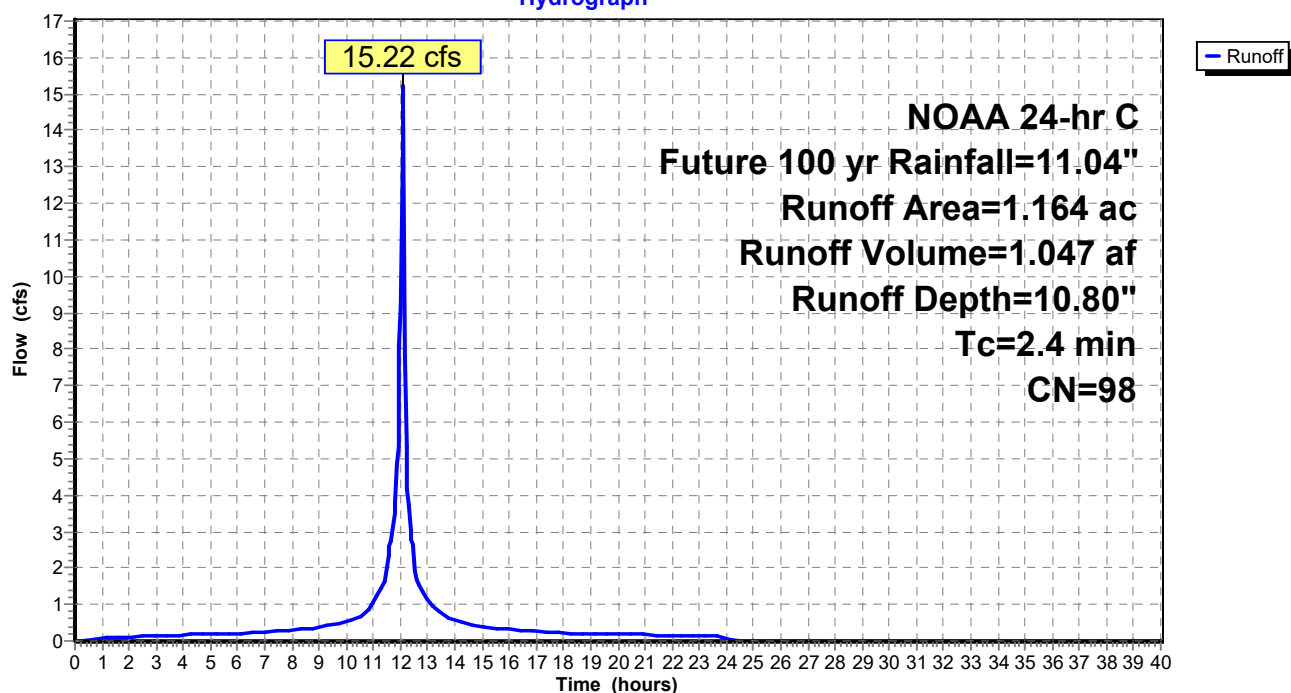
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.806	98	Pavement, HSG C
* 0.079	98	Concrete, HSC C
0.279	98	Unconnected roofs, HSG C
1.164	98	Weighted Average
1.164		100.00% Impervious Area
0.279		23.97% Unconnected

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.4					Direct Entry,

Subcatchment 37BI: PDA-37B (impervious)

Hydrograph



Hydrograph for Subcatchment 37BI: PDA-37B (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.14
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.14
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.14
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.14
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.14
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.14
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.14
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.15
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.15
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.15
0.50	0.06	0.00	0.02	3.10	0.40	0.23	0.15
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.15
0.60	0.07	0.00	0.03	3.20	0.42	0.25	0.15
0.65	0.08	0.01	0.04	3.25	0.43	0.25	0.15
0.70	0.08	0.01	0.04	3.30	0.43	0.26	0.15
0.75	0.09	0.01	0.05	3.35	0.44	0.27	0.15
0.80	0.10	0.01	0.05	3.40	0.45	0.27	0.16
0.85	0.10	0.01	0.06	3.45	0.46	0.28	0.16
0.90	0.11	0.02	0.06	3.50	0.46	0.29	0.16
0.95	0.11	0.02	0.06	3.55	0.47	0.29	0.16
1.00	0.12	0.02	0.07	3.60	0.48	0.30	0.16
1.05	0.13	0.03	0.07	3.65	0.49	0.31	0.16
1.10	0.13	0.03	0.07	3.70	0.49	0.31	0.16
1.15	0.14	0.03	0.08	3.75	0.50	0.32	0.16
1.20	0.15	0.04	0.08	3.80	0.51	0.33	0.16
1.25	0.15	0.04	0.08	3.85	0.52	0.33	0.16
1.30	0.16	0.04	0.09	3.90	0.52	0.34	0.17
1.35	0.16	0.05	0.09	3.95	0.53	0.35	0.17
1.40	0.17	0.05	0.09	4.00	0.54	0.35	0.17
1.45	0.18	0.05	0.10	4.05	0.55	0.36	0.17
1.50	0.18	0.06	0.10	4.10	0.56	0.37	0.17
1.55	0.19	0.06	0.10	4.15	0.56	0.38	0.17
1.60	0.20	0.07	0.10	4.20	0.57	0.38	0.17
1.65	0.20	0.07	0.10	4.25	0.58	0.39	0.17
1.70	0.21	0.08	0.11	4.30	0.59	0.40	0.17
1.75	0.22	0.08	0.11	4.35	0.60	0.41	0.17
1.80	0.22	0.09	0.11	4.40	0.60	0.41	0.17
1.85	0.23	0.09	0.11	4.45	0.61	0.42	0.18
1.90	0.24	0.10	0.11	4.50	0.62	0.43	0.18
1.95	0.24	0.10	0.12	4.55	0.63	0.44	0.18
2.00	0.25	0.11	0.12	4.60	0.64	0.44	0.18
2.05	0.26	0.11	0.12	4.65	0.64	0.45	0.18
2.10	0.26	0.12	0.12	4.70	0.65	0.46	0.18
2.15	0.27	0.12	0.12	4.75	0.66	0.47	0.18
2.20	0.28	0.13	0.12	4.80	0.67	0.47	0.18
2.25	0.28	0.13	0.13	4.85	0.68	0.48	0.18
2.30	0.29	0.14	0.13	4.90	0.69	0.49	0.18
2.35	0.30	0.14	0.13	4.95	0.69	0.50	0.18
2.40	0.30	0.15	0.13	5.00	0.70	0.51	0.18
2.45	0.31	0.15	0.13	5.05	0.71	0.51	0.19
2.50	0.32	0.16	0.13	5.10	0.72	0.52	0.19
2.55	0.33	0.17	0.13	5.15	0.73	0.53	0.19

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.19	7.80	1.27	1.05	0.29
5.25	0.74	0.55	0.19	7.85	1.28	1.07	0.30
5.30	0.75	0.55	0.19	7.90	1.30	1.08	0.30
5.35	0.76	0.56	0.19	7.95	1.31	1.09	0.30
5.40	0.77	0.57	0.19	8.00	1.32	1.11	0.31
5.45	0.78	0.58	0.19	8.05	1.34	1.12	0.31
5.50	0.79	0.59	0.19	8.10	1.35	1.13	0.31
5.55	0.80	0.59	0.19	8.15	1.36	1.15	0.32
5.60	0.80	0.60	0.19	8.20	1.38	1.16	0.32
5.65	0.81	0.61	0.20	8.25	1.39	1.17	0.32
5.70	0.82	0.62	0.20	8.30	1.40	1.19	0.32
5.75	0.83	0.63	0.20	8.35	1.42	1.20	0.32
5.80	0.84	0.64	0.20	8.40	1.43	1.21	0.33
5.85	0.85	0.64	0.20	8.45	1.45	1.23	0.33
5.90	0.86	0.65	0.20	8.50	1.46	1.24	0.33
5.95	0.87	0.66	0.20	8.55	1.48	1.26	0.34
6.00	0.87	0.67	0.20	8.60	1.49	1.27	0.34
6.05	0.88	0.68	0.20	8.65	1.51	1.29	0.34
6.10	0.89	0.69	0.21	8.70	1.52	1.30	0.34
6.15	0.90	0.70	0.21	8.75	1.54	1.32	0.35
6.20	0.91	0.71	0.21	8.80	1.55	1.33	0.35
6.25	0.92	0.71	0.21	8.85	1.57	1.35	0.35
6.30	0.93	0.72	0.22	8.90	1.58	1.36	0.35
6.35	0.94	0.73	0.22	8.95	1.60	1.38	0.36
6.40	0.95	0.74	0.22	9.00	1.61	1.39	0.36
6.45	0.96	0.75	0.23	9.05	1.63	1.41	0.37
6.50	0.97	0.76	0.23	9.10	1.64	1.42	0.38
6.55	0.98	0.77	0.23	9.15	1.66	1.44	0.39
6.60	0.99	0.78	0.23	9.20	1.68	1.46	0.40
6.65	1.00	0.79	0.24	9.25	1.70	1.47	0.41
6.70	1.01	0.80	0.24	9.30	1.72	1.49	0.42
6.75	1.02	0.81	0.24	9.35	1.73	1.51	0.43
6.80	1.03	0.82	0.24	9.40	1.75	1.53	0.44
6.85	1.04	0.83	0.25	9.45	1.77	1.55	0.45
6.90	1.05	0.84	0.25	9.50	1.79	1.57	0.46
6.95	1.07	0.85	0.25	9.55	1.81	1.59	0.47
7.00	1.08	0.87	0.25	9.60	1.83	1.61	0.48
7.05	1.09	0.88	0.26	9.65	1.85	1.63	0.49
7.10	1.10	0.89	0.26	9.70	1.88	1.65	0.49
7.15	1.11	0.90	0.26	9.75	1.90	1.67	0.51
7.20	1.12	0.91	0.26	9.80	1.92	1.69	0.51
7.25	1.13	0.92	0.27	9.85	1.94	1.72	0.53
7.30	1.15	0.93	0.27	9.90	1.97	1.74	0.53
7.35	1.16	0.94	0.27	9.95	1.99	1.76	0.55
7.40	1.17	0.96	0.27	10.00	2.01	1.79	0.55
7.45	1.18	0.97	0.28	10.05	2.04	1.81	0.57
7.50	1.19	0.98	0.28	10.10	2.06	1.84	0.57
7.55	1.21	0.99	0.28	10.15	2.09	1.86	0.59
7.60	1.22	1.00	0.28	10.20	2.11	1.89	0.59
7.65	1.23	1.02	0.29	10.25	2.14	1.91	0.61
7.70	1.24	1.03	0.29	10.30	2.17	1.94	0.61
7.75	1.26	1.04	0.29	10.35	2.19	1.97	0.63

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.63	13.00	8.39	8.15	1.16
10.45	2.25	2.02	0.65	13.05	8.43	8.19	1.06
10.50	2.28	2.05	0.65	13.10	8.48	8.24	1.03
10.55	2.31	2.08	0.71	13.15	8.52	8.28	0.97
10.60	2.34	2.11	0.73	13.20	8.56	8.32	0.95
10.65	2.37	2.14	0.78	13.25	8.60	8.36	0.90
10.70	2.41	2.18	0.80	13.30	8.63	8.39	0.88
10.75	2.44	2.21	0.85	13.35	8.67	8.43	0.82
10.80	2.48	2.25	0.87	13.40	8.70	8.46	0.80
10.85	2.52	2.29	0.93	13.45	8.73	8.49	0.75
10.90	2.56	2.33	0.95	13.50	8.76	8.52	0.73
10.95	2.61	2.38	1.00	13.55	8.79	8.55	0.67
11.00	2.65	2.42	1.03	13.60	8.82	8.58	0.66
11.05	2.70	2.47	1.12	13.65	8.85	8.61	0.64
11.10	2.75	2.52	1.16	13.70	8.87	8.63	0.63
11.15	2.80	2.57	1.26	13.75	8.90	8.66	0.62
11.20	2.86	2.63	1.30	13.80	8.93	8.69	0.61
11.25	2.92	2.69	1.40	13.85	8.95	8.71	0.60
11.30	2.98	2.75	1.44	13.90	8.98	8.74	0.60
11.35	3.05	2.82	1.54	13.95	9.00	8.76	0.58
11.40	3.12	2.89	1.58	14.00	9.03	8.79	0.58
11.45	3.19	2.96	1.66	14.05	9.05	8.81	0.56
11.50	3.26	3.03	1.71	14.10	9.07	8.83	0.56
11.55	3.37	3.14	2.37	14.15	9.10	8.86	0.54
11.60	3.49	3.25	2.60	14.20	9.12	8.88	0.54
11.65	3.60	3.37	2.71	14.25	9.14	8.90	0.52
11.70	3.72	3.49	2.78	14.30	9.16	8.92	0.52
11.75	3.88	3.65	3.50	14.35	9.19	8.95	0.50
11.80	4.04	3.81	3.81	14.40	9.21	8.97	0.50
11.85	4.27	4.03	4.85	14.45	9.23	8.99	0.49
11.90	4.49	4.25	5.34	14.50	9.25	9.01	0.48
11.95	4.88	4.64	8.04	14.55	9.27	9.03	0.47
12.00	5.26	5.02	9.19	14.60	9.29	9.05	0.46
12.05	5.91	5.67	13.52	14.65	9.31	9.07	0.45
12.10	6.55	6.31	14.72	14.70	9.32	9.08	0.44
12.15	6.77	6.53	7.84	14.75	9.34	9.10	0.43
12.20	7.00	6.76	5.31	14.80	9.36	9.12	0.42
12.25	7.16	6.92	4.16	14.85	9.38	9.14	0.41
12.30	7.32	7.08	3.76	14.90	9.40	9.15	0.40
12.35	7.44	7.20	3.02	14.95	9.41	9.17	0.39
12.40	7.55	7.31	2.76	15.00	9.43	9.19	0.38
12.45	7.67	7.43	2.65	15.05	9.44	9.20	0.37
12.50	7.78	7.54	2.59	15.10	9.46	9.22	0.36
12.55	7.85	7.61	1.93	15.15	9.47	9.23	0.36
12.60	7.92	7.68	1.70	15.20	9.49	9.25	0.36
12.65	7.99	7.75	1.61	15.25	9.50	9.26	0.35
12.70	8.06	7.82	1.58	15.30	9.52	9.28	0.35
12.75	8.12	7.88	1.48	15.35	9.53	9.29	0.35
12.80	8.18	7.94	1.44	15.40	9.55	9.31	0.35
12.85	8.24	8.00	1.34	15.45	9.56	9.32	0.34
12.90	8.29	8.05	1.30	15.50	9.58	9.34	0.34
12.95	8.34	8.10	1.20	15.55	9.59	9.35	0.34

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.34	18.20	10.20	9.96	0.21
15.65	9.62	9.38	0.33	18.25	10.21	9.97	0.21
15.70	9.64	9.39	0.33	18.30	10.22	9.98	0.21
15.75	9.65	9.41	0.33	18.35	10.23	9.99	0.20
15.80	9.66	9.42	0.33	18.40	10.24	9.99	0.20
15.85	9.68	9.44	0.32	18.45	10.24	10.00	0.20
15.90	9.69	9.45	0.32	18.50	10.25	10.01	0.20
15.95	9.70	9.46	0.32	18.55	10.26	10.02	0.20
16.00	9.72	9.48	0.32	18.60	10.27	10.03	0.20
16.05	9.73	9.49	0.31	18.65	10.28	10.04	0.20
16.10	9.74	9.50	0.31	18.70	10.29	10.05	0.20
16.15	9.76	9.52	0.31	18.75	10.30	10.05	0.20
16.20	9.77	9.53	0.31	18.80	10.30	10.06	0.20
16.25	9.78	9.54	0.30	18.85	10.31	10.07	0.20
16.30	9.80	9.55	0.30	18.90	10.32	10.08	0.20
16.35	9.81	9.57	0.30	18.95	10.33	10.09	0.20
16.40	9.82	9.58	0.30	19.00	10.34	10.10	0.20
16.45	9.83	9.59	0.29	19.05	10.35	10.11	0.20
16.50	9.85	9.60	0.29	19.10	10.35	10.11	0.20
16.55	9.86	9.62	0.29	19.15	10.36	10.12	0.19
16.60	9.87	9.63	0.29	19.20	10.37	10.13	0.19
16.65	9.88	9.64	0.28	19.25	10.38	10.14	0.19
16.70	9.89	9.65	0.28	19.30	10.39	10.15	0.19
16.75	9.91	9.66	0.28	19.35	10.40	10.15	0.19
16.80	9.92	9.68	0.27	19.40	10.40	10.16	0.19
16.85	9.93	9.69	0.27	19.45	10.41	10.17	0.19
16.90	9.94	9.70	0.27	19.50	10.42	10.18	0.19
16.95	9.95	9.71	0.27	19.55	10.43	10.19	0.19
17.00	9.96	9.72	0.27	19.60	10.44	10.20	0.19
17.05	9.97	9.73	0.26	19.65	10.44	10.20	0.19
17.10	9.99	9.74	0.26	19.70	10.45	10.21	0.19
17.15	10.00	9.76	0.26	19.75	10.46	10.22	0.19
17.20	10.01	9.77	0.26	19.80	10.47	10.23	0.19
17.25	10.02	9.78	0.25	19.85	10.48	10.24	0.19
17.30	10.03	9.79	0.25	19.90	10.48	10.24	0.19
17.35	10.04	9.80	0.25	19.95	10.49	10.25	0.18
17.40	10.05	9.81	0.24	20.00	10.50	10.26	0.18
17.45	10.06	9.82	0.24	20.05	10.51	10.27	0.18
17.50	10.07	9.83	0.24	20.10	10.52	10.27	0.18
17.55	10.08	9.84	0.24	20.15	10.52	10.28	0.18
17.60	10.09	9.85	0.23	20.20	10.53	10.29	0.18
17.65	10.10	9.86	0.23	20.25	10.54	10.30	0.18
17.70	10.11	9.87	0.23	20.30	10.55	10.31	0.18
17.75	10.12	9.88	0.23	20.35	10.55	10.31	0.18
17.80	10.13	9.89	0.22	20.40	10.56	10.32	0.18
17.85	10.14	9.90	0.22	20.45	10.57	10.33	0.18
17.90	10.15	9.91	0.22	20.50	10.58	10.34	0.18
17.95	10.16	9.92	0.22	20.55	10.58	10.34	0.18
18.00	10.17	9.92	0.21	20.60	10.59	10.35	0.18
18.05	10.17	9.93	0.21	20.65	10.60	10.36	0.18
18.10	10.18	9.94	0.21	20.70	10.61	10.37	0.17
18.15	10.19	9.95	0.21	20.75	10.61	10.37	0.17

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.17	23.40	10.97	10.73	0.14
20.85	10.63	10.39	0.17	23.45	10.97	10.73	0.14
20.90	10.64	10.39	0.17	23.50	10.98	10.74	0.14
20.95	10.64	10.40	0.17	23.55	10.99	10.74	0.14
21.00	10.65	10.41	0.17	23.60	10.99	10.75	0.14
21.05	10.66	10.42	0.17	23.65	11.00	10.76	0.14
21.10	10.66	10.42	0.17	23.70	11.00	10.76	0.14
21.15	10.67	10.43	0.17	23.75	11.01	10.77	0.14
21.20	10.68	10.44	0.17	23.80	11.01	10.77	0.13
21.25	10.69	10.45	0.17	23.85	11.02	10.78	0.13
21.30	10.69	10.45	0.17	23.90	11.03	10.78	0.13
21.35	10.70	10.46	0.17	23.95	11.03	10.79	0.16
21.40	10.71	10.47	0.17	24.00	11.04	10.80	0.16
21.45	10.71	10.47	0.16	24.05	11.04	10.80	0.04
21.50	10.72	10.48	0.16	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.16	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.16	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.16	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.16	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.16	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.16	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.16	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.16	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.16	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.16	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.16	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.16	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.16	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.16	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.15	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.15	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.15	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.15	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.15	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.15	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.15	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.15	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.15	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.15	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.15	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.15	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.15	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.15	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.15	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.15	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.14	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.14	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.14	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.14	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.14	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.14	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.14	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 37BI: PDA-37B (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 38BP: PDA-37B (pervious)

Runoff = 7.81 cfs @ 12.21 hrs, Volume= 0.653 af, Depth= 7.72"
Routed to Pond B-37B : Basin #37B

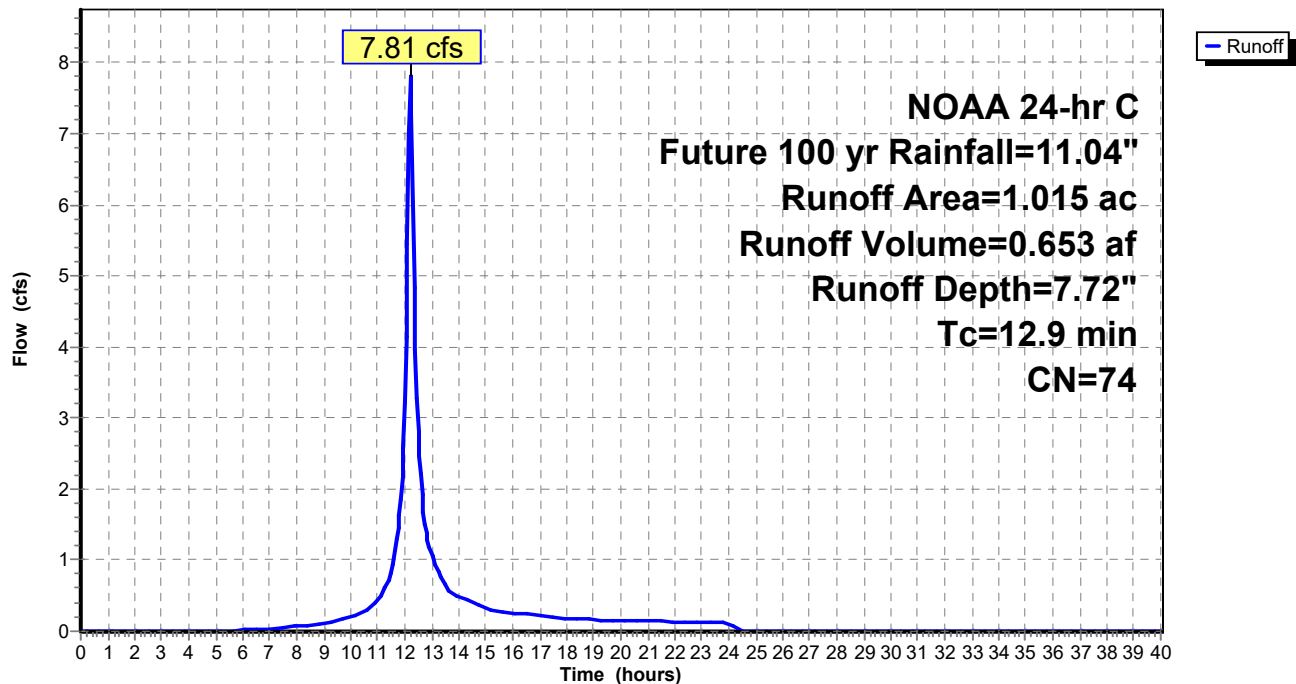
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.015	74	>75% Grass cover, Good, HSG C
1.015		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.9					Direct Entry,

Subcatchment 38BP: PDA-37B (pervious)

Hydrograph



Hydrograph for Subcatchment 38BP: PDA-37B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.07
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.08
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.09
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.09
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.09
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.10
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.10
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.10
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.10
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.11
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.11
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.12
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.12
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.13
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.13
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.14
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.14
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.15
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.15
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.16
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.17
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.17
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.18
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.18
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.19
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.19
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.20
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.21
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.21
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.22
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.23
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.23
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.24
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.25
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.25

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.26	13.00	8.39	5.28	1.08
10.45	2.25	0.47	0.27	13.05	8.43	5.32	1.03
10.50	2.28	0.49	0.27	13.10	8.48	5.36	0.97
10.55	2.31	0.50	0.28	13.15	8.52	5.39	0.92
10.60	2.34	0.52	0.29	13.20	8.56	5.43	0.87
10.65	2.37	0.54	0.30	13.25	8.60	5.46	0.83
10.70	2.41	0.56	0.32	13.30	8.63	5.50	0.79
10.75	2.44	0.58	0.34	13.35	8.67	5.53	0.76
10.80	2.48	0.60	0.36	13.40	8.70	5.56	0.72
10.85	2.52	0.62	0.38	13.45	8.73	5.59	0.69
10.90	2.56	0.64	0.40	13.50	8.76	5.61	0.66
10.95	2.61	0.67	0.42	13.55	8.79	5.64	0.63
11.00	2.65	0.69	0.45	13.60	8.82	5.67	0.61
11.05	2.70	0.72	0.47	13.65	8.85	5.69	0.58
11.10	2.75	0.75	0.50	13.70	8.87	5.71	0.55
11.15	2.80	0.79	0.53	13.75	8.90	5.74	0.53
11.20	2.86	0.82	0.57	13.80	8.93	5.76	0.52
11.25	2.92	0.86	0.61	13.85	8.95	5.79	0.51
11.30	2.98	0.90	0.65	13.90	8.98	5.81	0.50
11.35	3.05	0.94	0.70	13.95	9.00	5.83	0.49
11.40	3.12	0.98	0.74	14.00	9.03	5.85	0.48
11.45	3.19	1.03	0.79	14.05	9.05	5.88	0.47
11.50	3.26	1.08	0.84	14.10	9.07	5.90	0.47
11.55	3.37	1.15	0.89	14.15	9.10	5.92	0.46
11.60	3.49	1.23	0.98	14.20	9.12	5.94	0.45
11.65	3.60	1.31	1.13	14.25	9.14	5.96	0.44
11.70	3.72	1.39	1.30	14.30	9.16	5.98	0.44
11.75	3.88	1.51	1.46	14.35	9.19	6.00	0.43
11.80	4.04	1.63	1.62	14.40	9.21	6.02	0.42
11.85	4.27	1.79	1.86	14.45	9.23	6.04	0.41
11.90	4.49	1.96	2.17	14.50	9.25	6.06	0.41
11.95	4.88	2.27	2.59	14.55	9.27	6.07	0.40
12.00	5.26	2.57	3.21	14.60	9.29	6.09	0.39
12.05	5.91	3.11	4.14	14.65	9.31	6.11	0.38
12.10	6.55	3.65	5.44	14.70	9.32	6.13	0.38
12.15	6.77	3.85	6.98	14.75	9.34	6.14	0.37
12.20	7.00	4.04	7.80	14.80	9.36	6.16	0.36
12.25	7.16	4.18	7.28	14.85	9.38	6.17	0.35
12.30	7.32	4.32	6.04	14.90	9.40	6.19	0.34
12.35	7.44	4.43	4.83	14.95	9.41	6.21	0.34
12.40	7.55	4.53	3.96	15.00	9.43	6.22	0.33
12.45	7.67	4.63	3.29	15.05	9.44	6.23	0.32
12.50	7.78	4.73	2.80	15.10	9.46	6.25	0.31
12.55	7.85	4.79	2.47	15.15	9.47	6.26	0.31
12.60	7.92	4.86	2.21	15.20	9.49	6.28	0.30
12.65	7.99	4.92	1.93	15.25	9.50	6.29	0.29
12.70	8.06	4.98	1.68	15.30	9.52	6.30	0.29
12.75	8.12	5.03	1.50	15.35	9.53	6.32	0.29
12.80	8.18	5.09	1.37	15.40	9.55	6.33	0.29
12.85	8.24	5.14	1.28	15.45	9.56	6.34	0.28
12.90	8.29	5.19	1.21	15.50	9.58	6.36	0.28
12.95	8.34	5.23	1.14	15.55	9.59	6.37	0.28

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.28	18.20	10.20	6.93	0.17
15.65	9.62	6.40	0.27	18.25	10.21	6.94	0.17
15.70	9.64	6.41	0.27	18.30	10.22	6.95	0.17
15.75	9.65	6.42	0.27	18.35	10.23	6.96	0.17
15.80	9.66	6.44	0.27	18.40	10.24	6.97	0.17
15.85	9.68	6.45	0.27	18.45	10.24	6.97	0.17
15.90	9.69	6.46	0.26	18.50	10.25	6.98	0.17
15.95	9.70	6.47	0.26	18.55	10.26	6.99	0.17
16.00	9.72	6.49	0.26	18.60	10.27	7.00	0.17
16.05	9.73	6.50	0.26	18.65	10.28	7.01	0.16
16.10	9.74	6.51	0.26	18.70	10.29	7.01	0.16
16.15	9.76	6.52	0.25	18.75	10.30	7.02	0.16
16.20	9.77	6.54	0.25	18.80	10.30	7.03	0.16
16.25	9.78	6.55	0.25	18.85	10.31	7.04	0.16
16.30	9.80	6.56	0.25	18.90	10.32	7.04	0.16
16.35	9.81	6.57	0.25	18.95	10.33	7.05	0.16
16.40	9.82	6.58	0.24	19.00	10.34	7.06	0.16
16.45	9.83	6.59	0.24	19.05	10.35	7.07	0.16
16.50	9.85	6.60	0.24	19.10	10.35	7.08	0.16
16.55	9.86	6.62	0.24	19.15	10.36	7.08	0.16
16.60	9.87	6.63	0.24	19.20	10.37	7.09	0.16
16.65	9.88	6.64	0.23	19.25	10.38	7.10	0.16
16.70	9.89	6.65	0.23	19.30	10.39	7.11	0.16
16.75	9.91	6.66	0.23	19.35	10.40	7.11	0.16
16.80	9.92	6.67	0.23	19.40	10.40	7.12	0.16
16.85	9.93	6.68	0.23	19.45	10.41	7.13	0.16
16.90	9.94	6.69	0.22	19.50	10.42	7.14	0.16
16.95	9.95	6.70	0.22	19.55	10.43	7.14	0.16
17.00	9.96	6.71	0.22	19.60	10.44	7.15	0.15
17.05	9.97	6.72	0.22	19.65	10.44	7.16	0.15
17.10	9.99	6.73	0.22	19.70	10.45	7.17	0.15
17.15	10.00	6.74	0.21	19.75	10.46	7.17	0.15
17.20	10.01	6.75	0.21	19.80	10.47	7.18	0.15
17.25	10.02	6.76	0.21	19.85	10.48	7.19	0.15
17.30	10.03	6.77	0.21	19.90	10.48	7.20	0.15
17.35	10.04	6.78	0.21	19.95	10.49	7.20	0.15
17.40	10.05	6.79	0.20	20.00	10.50	7.21	0.15
17.45	10.06	6.80	0.20	20.05	10.51	7.22	0.15
17.50	10.07	6.81	0.20	20.10	10.52	7.23	0.15
17.55	10.08	6.82	0.20	20.15	10.52	7.23	0.15
17.60	10.09	6.83	0.20	20.20	10.53	7.24	0.15
17.65	10.10	6.84	0.19	20.25	10.54	7.25	0.15
17.70	10.11	6.85	0.19	20.30	10.55	7.25	0.15
17.75	10.12	6.86	0.19	20.35	10.55	7.26	0.15
17.80	10.13	6.87	0.19	20.40	10.56	7.27	0.15
17.85	10.14	6.87	0.19	20.45	10.57	7.28	0.15
17.90	10.15	6.88	0.18	20.50	10.58	7.28	0.15
17.95	10.16	6.89	0.18	20.55	10.58	7.29	0.15
18.00	10.17	6.90	0.18	20.60	10.59	7.30	0.14
18.05	10.17	6.91	0.18	20.65	10.60	7.30	0.14
18.10	10.18	6.92	0.17	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.17	20.75	10.61	7.32	0.14

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.14	23.40	10.97	7.65	0.12
20.85	10.63	7.33	0.14	23.45	10.97	7.65	0.12
20.90	10.64	7.34	0.14	23.50	10.98	7.66	0.12
20.95	10.64	7.34	0.14	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.14	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.14	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.14	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.14	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.14	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.14	23.85	11.02	7.70	0.11
21.30	10.69	7.39	0.14	23.90	11.03	7.70	0.11
21.35	10.70	7.40	0.14	23.95	11.03	7.71	0.11
21.40	10.71	7.40	0.14	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.14	24.05	11.04	7.72	0.12
21.50	10.72	7.42	0.14	24.10	11.04	7.72	0.11
21.55	10.73	7.42	0.14	24.15	11.04	7.72	0.08
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.05
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.03
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.02
21.75	10.76	7.45	0.13	24.35	11.04	7.72	0.01
21.80	10.76	7.46	0.13	24.40	11.04	7.72	0.01
21.85	10.77	7.46	0.13	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.13	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.13	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.13	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.13	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.13	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.13	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.13	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.13	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.13	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.13	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.13	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.13	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.13	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.12	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.12	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.12	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.12	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.12	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.12	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.12	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.12	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.12	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.12	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.12	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.12	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.12	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 38BP: PDA-37B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 38I: PDA-38 (impervious)

Runoff = 9.25 cfs @ 12.09 hrs, Volume= 0.665 af, Depth=10.80"
Routed to Pond B-38 : Basin #38

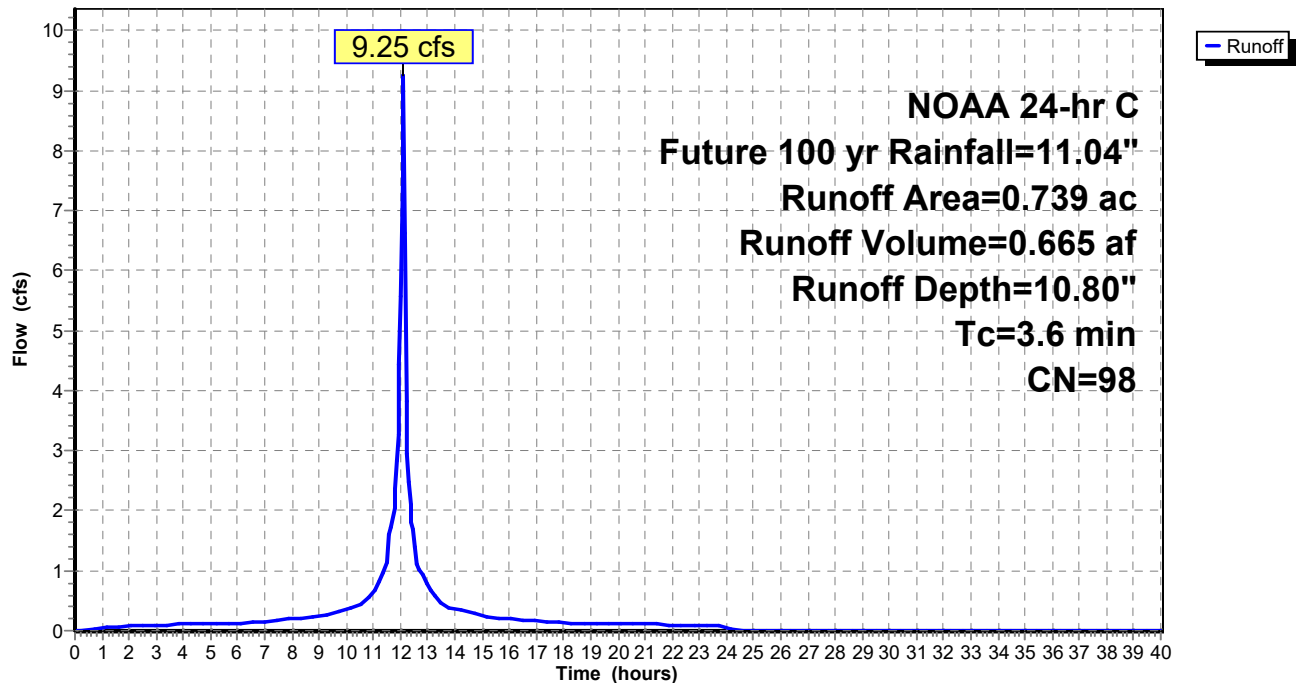
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.171	98	Concrete, HSC C
0.000	98	Paved roads w/curbs & sewers, HSG C
* 0.568	98	Roof, HSG C
0.739	98	Weighted Average
0.739		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.6					Direct Entry,

Subcatchment 38I: PDA-38 (impervious)

Hydrograph



Hydrograph for Subcatchment 38I: PDA-38 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.09
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.09
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.09
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.09
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.09
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.09
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.09
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.09
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.09
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.09
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.09
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.10
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.10
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.10
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.10
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.10
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.10
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.10
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.10
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.10
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.10
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.10
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.10
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.10
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.10
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.10
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.11
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.11
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.11
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.11
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.11
1.60	0.20	0.07	0.06	4.20	0.57	0.38	0.11
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.11
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.11
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.11
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.11
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.11
1.90	0.24	0.10	0.07	4.50	0.62	0.43	0.11
1.95	0.24	0.10	0.07	4.55	0.63	0.44	0.11
2.00	0.25	0.11	0.07	4.60	0.64	0.44	0.11
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.11
2.10	0.26	0.12	0.08	4.70	0.65	0.46	0.11
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.11
2.20	0.28	0.13	0.08	4.80	0.67	0.47	0.11
2.25	0.28	0.13	0.08	4.85	0.68	0.48	0.12
2.30	0.29	0.14	0.08	4.90	0.69	0.49	0.12
2.35	0.30	0.14	0.08	4.95	0.69	0.50	0.12
2.40	0.30	0.15	0.08	5.00	0.70	0.51	0.12
2.45	0.31	0.15	0.08	5.05	0.71	0.51	0.12
2.50	0.32	0.16	0.08	5.10	0.72	0.52	0.12
2.55	0.33	0.17	0.09	5.15	0.73	0.53	0.12

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.12	7.80	1.27	1.05	0.19
5.25	0.74	0.55	0.12	7.85	1.28	1.07	0.19
5.30	0.75	0.55	0.12	7.90	1.30	1.08	0.19
5.35	0.76	0.56	0.12	7.95	1.31	1.09	0.19
5.40	0.77	0.57	0.12	8.00	1.32	1.11	0.19
5.45	0.78	0.58	0.12	8.05	1.34	1.12	0.20
5.50	0.79	0.59	0.12	8.10	1.35	1.13	0.20
5.55	0.80	0.59	0.12	8.15	1.36	1.15	0.20
5.60	0.80	0.60	0.12	8.20	1.38	1.16	0.20
5.65	0.81	0.61	0.12	8.25	1.39	1.17	0.20
5.70	0.82	0.62	0.12	8.30	1.40	1.19	0.20
5.75	0.83	0.63	0.12	8.35	1.42	1.20	0.21
5.80	0.84	0.64	0.13	8.40	1.43	1.21	0.21
5.85	0.85	0.64	0.13	8.45	1.45	1.23	0.21
5.90	0.86	0.65	0.13	8.50	1.46	1.24	0.21
5.95	0.87	0.66	0.13	8.55	1.48	1.26	0.21
6.00	0.87	0.67	0.13	8.60	1.49	1.27	0.21
6.05	0.88	0.68	0.13	8.65	1.51	1.29	0.22
6.10	0.89	0.69	0.13	8.70	1.52	1.30	0.22
6.15	0.90	0.70	0.13	8.75	1.54	1.32	0.22
6.20	0.91	0.71	0.13	8.80	1.55	1.33	0.22
6.25	0.92	0.71	0.14	8.85	1.57	1.35	0.22
6.30	0.93	0.72	0.14	8.90	1.58	1.36	0.22
6.35	0.94	0.73	0.14	8.95	1.60	1.38	0.23
6.40	0.95	0.74	0.14	9.00	1.61	1.39	0.23
6.45	0.96	0.75	0.14	9.05	1.63	1.41	0.23
6.50	0.97	0.76	0.14	9.10	1.64	1.42	0.24
6.55	0.98	0.77	0.15	9.15	1.66	1.44	0.25
6.60	0.99	0.78	0.15	9.20	1.68	1.46	0.25
6.65	1.00	0.79	0.15	9.25	1.70	1.47	0.26
6.70	1.01	0.80	0.15	9.30	1.72	1.49	0.26
6.75	1.02	0.81	0.15	9.35	1.73	1.51	0.27
6.80	1.03	0.82	0.15	9.40	1.75	1.53	0.28
6.85	1.04	0.83	0.16	9.45	1.77	1.55	0.28
6.90	1.05	0.84	0.16	9.50	1.79	1.57	0.29
6.95	1.07	0.85	0.16	9.55	1.81	1.59	0.29
7.00	1.08	0.87	0.16	9.60	1.83	1.61	0.30
7.05	1.09	0.88	0.16	9.65	1.85	1.63	0.31
7.10	1.10	0.89	0.16	9.70	1.88	1.65	0.31
7.15	1.11	0.90	0.17	9.75	1.90	1.67	0.32
7.20	1.12	0.91	0.17	9.80	1.92	1.69	0.32
7.25	1.13	0.92	0.17	9.85	1.94	1.72	0.33
7.30	1.15	0.93	0.17	9.90	1.97	1.74	0.34
7.35	1.16	0.94	0.17	9.95	1.99	1.76	0.34
7.40	1.17	0.96	0.17	10.00	2.01	1.79	0.35
7.45	1.18	0.97	0.18	10.05	2.04	1.81	0.36
7.50	1.19	0.98	0.18	10.10	2.06	1.84	0.36
7.55	1.21	0.99	0.18	10.15	2.09	1.86	0.37
7.60	1.22	1.00	0.18	10.20	2.11	1.89	0.38
7.65	1.23	1.02	0.18	10.25	2.14	1.91	0.38
7.70	1.24	1.03	0.18	10.30	2.17	1.94	0.39
7.75	1.26	1.04	0.19	10.35	2.19	1.97	0.39

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.40	13.00	8.39	8.15	0.75
10.45	2.25	2.02	0.41	13.05	8.43	8.19	0.70
10.50	2.28	2.05	0.41	13.10	8.48	8.24	0.66
10.55	2.31	2.08	0.43	13.15	8.52	8.28	0.63
10.60	2.34	2.11	0.46	13.20	8.56	8.32	0.61
10.65	2.37	2.14	0.48	13.25	8.60	8.36	0.58
10.70	2.41	2.18	0.50	13.30	8.63	8.39	0.56
10.75	2.44	2.21	0.53	13.35	8.67	8.43	0.54
10.80	2.48	2.25	0.55	13.40	8.70	8.46	0.51
10.85	2.52	2.29	0.58	13.45	8.73	8.49	0.49
10.90	2.56	2.33	0.60	13.50	8.76	8.52	0.47
10.95	2.61	2.38	0.62	13.55	8.79	8.55	0.44
11.00	2.65	2.42	0.65	13.60	8.82	8.58	0.42
11.05	2.70	2.47	0.69	13.65	8.85	8.61	0.41
11.10	2.75	2.52	0.73	13.70	8.87	8.63	0.40
11.15	2.80	2.57	0.78	13.75	8.90	8.66	0.40
11.20	2.86	2.63	0.82	13.80	8.93	8.69	0.39
11.25	2.92	2.69	0.87	13.85	8.95	8.71	0.39
11.30	2.98	2.75	0.91	13.90	8.98	8.74	0.38
11.35	3.05	2.82	0.95	13.95	9.00	8.76	0.37
11.40	3.12	2.89	1.00	14.00	9.03	8.79	0.37
11.45	3.19	2.96	1.03	14.05	9.05	8.81	0.36
11.50	3.26	3.03	1.07	14.10	9.07	8.83	0.35
11.55	3.37	3.14	1.34	14.15	9.10	8.86	0.35
11.60	3.49	3.25	1.61	14.20	9.12	8.88	0.34
11.65	3.60	3.37	1.69	14.25	9.14	8.90	0.34
11.70	3.72	3.49	1.74	14.30	9.16	8.92	0.33
11.75	3.88	3.65	2.05	14.35	9.19	8.95	0.32
11.80	4.04	3.81	2.35	14.40	9.21	8.97	0.32
11.85	4.27	4.03	2.82	14.45	9.23	8.99	0.31
11.90	4.49	4.25	3.27	14.50	9.25	9.01	0.31
11.95	4.88	4.64	4.45	14.55	9.27	9.03	0.30
12.00	5.26	5.02	5.58	14.60	9.29	9.05	0.29
12.05	5.91	5.67	7.52	14.65	9.31	9.07	0.29
12.10	6.55	6.31	9.23	14.70	9.32	9.08	0.28
12.15	6.77	6.53	6.63	14.75	9.34	9.10	0.27
12.20	7.00	6.76	3.82	14.80	9.36	9.12	0.27
12.25	7.16	6.92	2.95	14.85	9.38	9.14	0.26
12.30	7.32	7.08	2.47	14.90	9.40	9.15	0.26
12.35	7.44	7.20	2.10	14.95	9.41	9.17	0.25
12.40	7.55	7.31	1.80	15.00	9.43	9.19	0.24
12.45	7.67	7.43	1.71	15.05	9.44	9.20	0.24
12.50	7.78	7.54	1.66	15.10	9.46	9.22	0.23
12.55	7.85	7.61	1.39	15.15	9.47	9.23	0.23
12.60	7.92	7.68	1.12	15.20	9.49	9.25	0.23
12.65	7.99	7.75	1.05	15.25	9.50	9.26	0.23
12.70	8.06	7.82	1.01	15.30	9.52	9.28	0.22
12.75	8.12	7.88	0.96	15.35	9.53	9.29	0.22
12.80	8.18	7.94	0.92	15.40	9.55	9.31	0.22
12.85	8.24	8.00	0.88	15.45	9.56	9.32	0.22
12.90	8.29	8.05	0.83	15.50	9.58	9.34	0.22
12.95	8.34	8.10	0.79	15.55	9.59	9.35	0.22

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.21	18.20	10.20	9.96	0.13
15.65	9.62	9.38	0.21	18.25	10.21	9.97	0.13
15.70	9.64	9.39	0.21	18.30	10.22	9.98	0.13
15.75	9.65	9.41	0.21	18.35	10.23	9.99	0.13
15.80	9.66	9.42	0.21	18.40	10.24	9.99	0.13
15.85	9.68	9.44	0.21	18.45	10.24	10.00	0.13
15.90	9.69	9.45	0.20	18.50	10.25	10.01	0.13
15.95	9.70	9.46	0.20	18.55	10.26	10.02	0.13
16.00	9.72	9.48	0.20	18.60	10.27	10.03	0.13
16.05	9.73	9.49	0.20	18.65	10.28	10.04	0.13
16.10	9.74	9.50	0.20	18.70	10.29	10.05	0.13
16.15	9.76	9.52	0.20	18.75	10.30	10.05	0.13
16.20	9.77	9.53	0.20	18.80	10.30	10.06	0.13
16.25	9.78	9.54	0.19	18.85	10.31	10.07	0.13
16.30	9.80	9.55	0.19	18.90	10.32	10.08	0.13
16.35	9.81	9.57	0.19	18.95	10.33	10.09	0.13
16.40	9.82	9.58	0.19	19.00	10.34	10.10	0.13
16.45	9.83	9.59	0.19	19.05	10.35	10.11	0.12
16.50	9.85	9.60	0.18	19.10	10.35	10.11	0.12
16.55	9.86	9.62	0.18	19.15	10.36	10.12	0.12
16.60	9.87	9.63	0.18	19.20	10.37	10.13	0.12
16.65	9.88	9.64	0.18	19.25	10.38	10.14	0.12
16.70	9.89	9.65	0.18	19.30	10.39	10.15	0.12
16.75	9.91	9.66	0.18	19.35	10.40	10.15	0.12
16.80	9.92	9.68	0.17	19.40	10.40	10.16	0.12
16.85	9.93	9.69	0.17	19.45	10.41	10.17	0.12
16.90	9.94	9.70	0.17	19.50	10.42	10.18	0.12
16.95	9.95	9.71	0.17	19.55	10.43	10.19	0.12
17.00	9.96	9.72	0.17	19.60	10.44	10.20	0.12
17.05	9.97	9.73	0.17	19.65	10.44	10.20	0.12
17.10	9.99	9.74	0.17	19.70	10.45	10.21	0.12
17.15	10.00	9.76	0.16	19.75	10.46	10.22	0.12
17.20	10.01	9.77	0.16	19.80	10.47	10.23	0.12
17.25	10.02	9.78	0.16	19.85	10.48	10.24	0.12
17.30	10.03	9.79	0.16	19.90	10.48	10.24	0.12
17.35	10.04	9.80	0.16	19.95	10.49	10.25	0.12
17.40	10.05	9.81	0.16	20.00	10.50	10.26	0.12
17.45	10.06	9.82	0.15	20.05	10.51	10.27	0.12
17.50	10.07	9.83	0.15	20.10	10.52	10.27	0.12
17.55	10.08	9.84	0.15	20.15	10.52	10.28	0.12
17.60	10.09	9.85	0.15	20.20	10.53	10.29	0.12
17.65	10.10	9.86	0.15	20.25	10.54	10.30	0.11
17.70	10.11	9.87	0.15	20.30	10.55	10.31	0.11
17.75	10.12	9.88	0.14	20.35	10.55	10.31	0.11
17.80	10.13	9.89	0.14	20.40	10.56	10.32	0.11
17.85	10.14	9.90	0.14	20.45	10.57	10.33	0.11
17.90	10.15	9.91	0.14	20.50	10.58	10.34	0.11
17.95	10.16	9.92	0.14	20.55	10.58	10.34	0.11
18.00	10.17	9.92	0.14	20.60	10.59	10.35	0.11
18.05	10.17	9.93	0.13	20.65	10.60	10.36	0.11
18.10	10.18	9.94	0.13	20.70	10.61	10.37	0.11
18.15	10.19	9.95	0.13	20.75	10.61	10.37	0.11

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.11	23.40	10.97	10.73	0.09
20.85	10.63	10.39	0.11	23.45	10.97	10.73	0.09
20.90	10.64	10.39	0.11	23.50	10.98	10.74	0.09
20.95	10.64	10.40	0.11	23.55	10.99	10.74	0.09
21.00	10.65	10.41	0.11	23.60	10.99	10.75	0.09
21.05	10.66	10.42	0.11	23.65	11.00	10.76	0.09
21.10	10.66	10.42	0.11	23.70	11.00	10.76	0.09
21.15	10.67	10.43	0.11	23.75	11.01	10.77	0.09
21.20	10.68	10.44	0.11	23.80	11.01	10.77	0.09
21.25	10.69	10.45	0.11	23.85	11.02	10.78	0.09
21.30	10.69	10.45	0.11	23.90	11.03	10.78	0.08
21.35	10.70	10.46	0.11	23.95	11.03	10.79	0.09
21.40	10.71	10.47	0.11	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.10	24.05	11.04	10.80	0.06
21.50	10.72	10.48	0.10	24.10	11.04	10.80	0.01
21.55	10.73	10.49	0.10	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.10	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.10	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.10	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.10	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.10	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.10	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.10	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.10	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.10	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.10	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.10	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.10	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.10	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.10	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.10	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.10	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.10	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.10	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.10	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.10	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.10	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.10	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.09	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.09	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.09	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.09	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.09	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.09	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.09	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.09	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.09	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.09	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.09	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.09	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.09	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.09	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 38I: PDA-38 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 38P: PDA-38 (pervious)

Runoff = 11.10 cfs @ 12.19 hrs, Volume= 0.884 af, Depth= 7.72"
 Routed to Pond B-38 : Basin #38

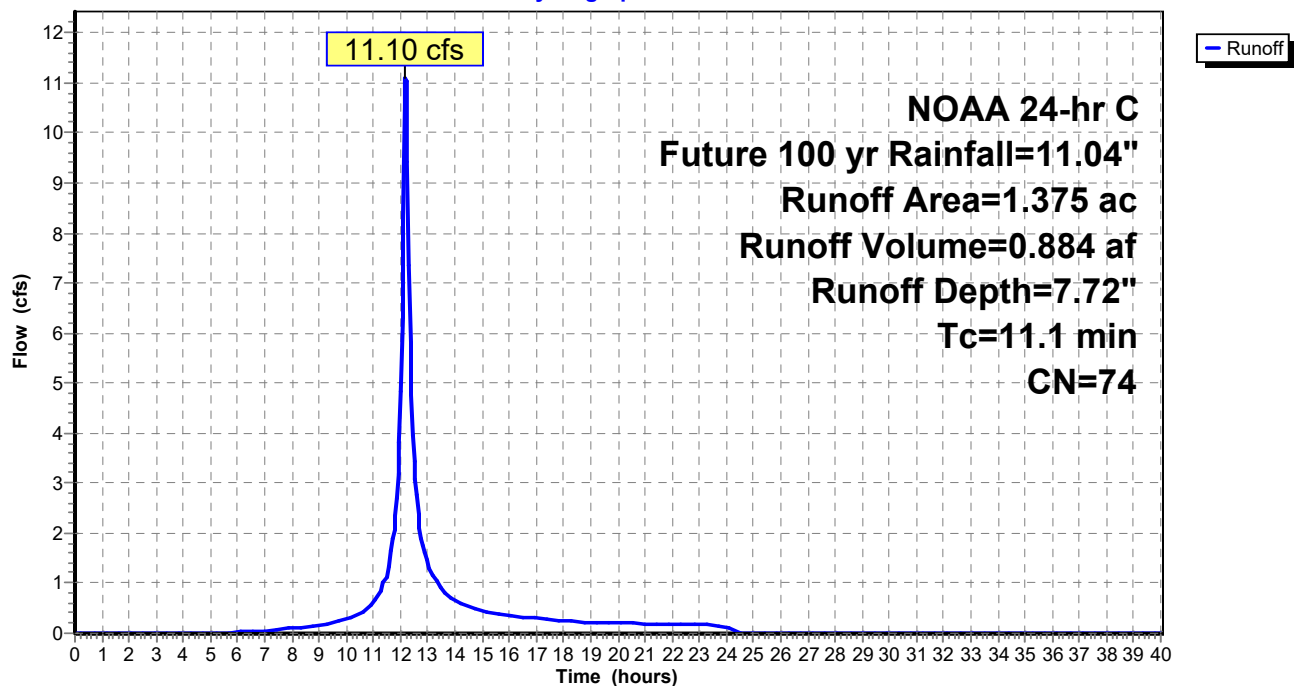
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.375	74	>75% Grass cover, Good, HSG C
1.375		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.1					Direct Entry,

Subcatchment 38P: PDA-38 (pervious)

Hydrograph



Hydrograph for Subcatchment 38P: PDA-38 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.08
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.09
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.09
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.10
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.10
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.11
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.11
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.11
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.12
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.12
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.12
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.13
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.13
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.13
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.13
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.14
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.14
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.14
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.15
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.15
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.15
6.50	0.97	0.02	0.03	9.10	1.64	0.20	0.16
6.55	0.98	0.02	0.03	9.15	1.66	0.21	0.16
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.17
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.17
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.18
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.19
6.80	1.03	0.03	0.04	9.40	1.75	0.24	0.19
6.85	1.04	0.03	0.04	9.45	1.77	0.25	0.20
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.21
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.21
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.22
7.05	1.09	0.04	0.05	9.65	1.85	0.28	0.23
7.10	1.10	0.04	0.05	9.70	1.88	0.29	0.24
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.24
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.25
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.26
7.30	1.15	0.05	0.06	9.90	1.97	0.33	0.27
7.35	1.16	0.05	0.06	9.95	1.99	0.34	0.28
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.29
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.29
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.30
7.55	1.21	0.06	0.07	10.15	2.09	0.39	0.31
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.32
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.33
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.34
7.75	1.26	0.08	0.08	10.35	2.19	0.44	0.35

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.36	13.00	8.39	5.28	1.42
10.45	2.25	0.47	0.37	13.05	8.43	5.32	1.35
10.50	2.28	0.49	0.38	13.10	8.48	5.36	1.27
10.55	2.31	0.50	0.39	13.15	8.52	5.39	1.20
10.60	2.34	0.52	0.40	13.20	8.56	5.43	1.14
10.65	2.37	0.54	0.42	13.25	8.60	5.46	1.09
10.70	2.41	0.56	0.45	13.30	8.63	5.50	1.04
10.75	2.44	0.58	0.47	13.35	8.67	5.53	1.00
10.80	2.48	0.60	0.50	13.40	8.70	5.56	0.96
10.85	2.52	0.62	0.53	13.45	8.73	5.59	0.92
10.90	2.56	0.64	0.56	13.50	8.76	5.61	0.88
10.95	2.61	0.67	0.59	13.55	8.79	5.64	0.84
11.00	2.65	0.69	0.62	13.60	8.82	5.67	0.80
11.05	2.70	0.72	0.66	13.65	8.85	5.69	0.76
11.10	2.75	0.75	0.70	13.70	8.87	5.71	0.73
11.15	2.80	0.79	0.74	13.75	8.90	5.74	0.71
11.20	2.86	0.82	0.80	13.80	8.93	5.76	0.69
11.25	2.92	0.86	0.86	13.85	8.95	5.79	0.68
11.30	2.98	0.90	0.92	13.90	8.98	5.81	0.67
11.35	3.05	0.94	0.98	13.95	9.00	5.83	0.66
11.40	3.12	0.98	1.04	14.00	9.03	5.85	0.65
11.45	3.19	1.03	1.10	14.05	9.05	5.88	0.64
11.50	3.26	1.08	1.17	14.10	9.07	5.90	0.63
11.55	3.37	1.15	1.24	14.15	9.10	5.92	0.62
11.60	3.49	1.23	1.40	14.20	9.12	5.94	0.61
11.65	3.60	1.31	1.65	14.25	9.14	5.96	0.60
11.70	3.72	1.39	1.89	14.30	9.16	5.98	0.59
11.75	3.88	1.51	2.08	14.35	9.19	6.00	0.57
11.80	4.04	1.63	2.33	14.40	9.21	6.02	0.56
11.85	4.27	1.79	2.69	14.45	9.23	6.04	0.55
11.90	4.49	1.96	3.18	14.50	9.25	6.06	0.54
11.95	4.88	2.27	3.83	14.55	9.27	6.07	0.53
12.00	5.26	2.57	4.84	14.60	9.29	6.09	0.52
12.05	5.91	3.11	6.30	14.65	9.31	6.11	0.51
12.10	6.55	3.65	8.35	14.70	9.32	6.13	0.50
12.15	6.77	3.85	10.53	14.75	9.34	6.14	0.49
12.20	7.00	4.04	11.02	14.80	9.36	6.16	0.48
12.25	7.16	4.18	9.42	14.85	9.38	6.17	0.47
12.30	7.32	4.32	7.36	14.90	9.40	6.19	0.46
12.35	7.44	4.43	5.83	14.95	9.41	6.21	0.45
12.40	7.55	4.53	4.75	15.00	9.43	6.22	0.44
12.45	7.67	4.63	3.96	15.05	9.44	6.23	0.43
12.50	7.78	4.73	3.43	15.10	9.46	6.25	0.42
12.55	7.85	4.79	3.09	15.15	9.47	6.26	0.41
12.60	7.92	4.86	2.76	15.20	9.49	6.28	0.40
12.65	7.99	4.92	2.39	15.25	9.50	6.29	0.40
12.70	8.06	4.98	2.08	15.30	9.52	6.30	0.39
12.75	8.12	5.03	1.89	15.35	9.53	6.32	0.39
12.80	8.18	5.09	1.76	15.40	9.55	6.33	0.38
12.85	8.24	5.14	1.66	15.45	9.56	6.34	0.38
12.90	8.29	5.19	1.57	15.50	9.58	6.36	0.38
12.95	8.34	5.23	1.50	15.55	9.59	6.37	0.38

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.37	18.20	10.20	6.93	0.23
15.65	9.62	6.40	0.37	18.25	10.21	6.94	0.23
15.70	9.64	6.41	0.37	18.30	10.22	6.95	0.23
15.75	9.65	6.42	0.37	18.35	10.23	6.96	0.23
15.80	9.66	6.44	0.36	18.40	10.24	6.97	0.23
15.85	9.68	6.45	0.36	18.45	10.24	6.97	0.23
15.90	9.69	6.46	0.36	18.50	10.25	6.98	0.22
15.95	9.70	6.47	0.35	18.55	10.26	6.99	0.22
16.00	9.72	6.49	0.35	18.60	10.27	7.00	0.22
16.05	9.73	6.50	0.35	18.65	10.28	7.01	0.22
16.10	9.74	6.51	0.35	18.70	10.29	7.01	0.22
16.15	9.76	6.52	0.34	18.75	10.30	7.02	0.22
16.20	9.77	6.54	0.34	18.80	10.30	7.03	0.22
16.25	9.78	6.55	0.34	18.85	10.31	7.04	0.22
16.30	9.80	6.56	0.34	18.90	10.32	7.04	0.22
16.35	9.81	6.57	0.33	18.95	10.33	7.05	0.22
16.40	9.82	6.58	0.33	19.00	10.34	7.06	0.22
16.45	9.83	6.59	0.33	19.05	10.35	7.07	0.22
16.50	9.85	6.60	0.32	19.10	10.35	7.08	0.22
16.55	9.86	6.62	0.32	19.15	10.36	7.08	0.22
16.60	9.87	6.63	0.32	19.20	10.37	7.09	0.21
16.65	9.88	6.64	0.32	19.25	10.38	7.10	0.21
16.70	9.89	6.65	0.31	19.30	10.39	7.11	0.21
16.75	9.91	6.66	0.31	19.35	10.40	7.11	0.21
16.80	9.92	6.67	0.31	19.40	10.40	7.12	0.21
16.85	9.93	6.68	0.30	19.45	10.41	7.13	0.21
16.90	9.94	6.69	0.30	19.50	10.42	7.14	0.21
16.95	9.95	6.70	0.30	19.55	10.43	7.14	0.21
17.00	9.96	6.71	0.30	19.60	10.44	7.15	0.21
17.05	9.97	6.72	0.29	19.65	10.44	7.16	0.21
17.10	9.99	6.73	0.29	19.70	10.45	7.17	0.21
17.15	10.00	6.74	0.29	19.75	10.46	7.17	0.21
17.20	10.01	6.75	0.29	19.80	10.47	7.18	0.21
17.25	10.02	6.76	0.28	19.85	10.48	7.19	0.21
17.30	10.03	6.77	0.28	19.90	10.48	7.20	0.21
17.35	10.04	6.78	0.28	19.95	10.49	7.20	0.21
17.40	10.05	6.79	0.27	20.00	10.50	7.21	0.20
17.45	10.06	6.80	0.27	20.05	10.51	7.22	0.20
17.50	10.07	6.81	0.27	20.10	10.52	7.23	0.20
17.55	10.08	6.82	0.27	20.15	10.52	7.23	0.20
17.60	10.09	6.83	0.26	20.20	10.53	7.24	0.20
17.65	10.10	6.84	0.26	20.25	10.54	7.25	0.20
17.70	10.11	6.85	0.26	20.30	10.55	7.25	0.20
17.75	10.12	6.86	0.25	20.35	10.55	7.26	0.20
17.80	10.13	6.87	0.25	20.40	10.56	7.27	0.20
17.85	10.14	6.87	0.25	20.45	10.57	7.28	0.20
17.90	10.15	6.88	0.25	20.50	10.58	7.28	0.20
17.95	10.16	6.89	0.24	20.55	10.58	7.29	0.20
18.00	10.17	6.90	0.24	20.60	10.59	7.30	0.20
18.05	10.17	6.91	0.24	20.65	10.60	7.30	0.20
18.10	10.18	6.92	0.24	20.70	10.61	7.31	0.19
18.15	10.19	6.92	0.23	20.75	10.61	7.32	0.19

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.19	23.40	10.97	7.65	0.16
20.85	10.63	7.33	0.19	23.45	10.97	7.65	0.16
20.90	10.64	7.34	0.19	23.50	10.98	7.66	0.16
20.95	10.64	7.34	0.19	23.55	10.99	7.66	0.15
21.00	10.65	7.35	0.19	23.60	10.99	7.67	0.15
21.05	10.66	7.36	0.19	23.65	11.00	7.67	0.15
21.10	10.66	7.36	0.19	23.70	11.00	7.68	0.15
21.15	10.67	7.37	0.19	23.75	11.01	7.69	0.15
21.20	10.68	7.38	0.19	23.80	11.01	7.69	0.15
21.25	10.69	7.38	0.19	23.85	11.02	7.70	0.15
21.30	10.69	7.39	0.19	23.90	11.03	7.70	0.15
21.35	10.70	7.40	0.19	23.95	11.03	7.71	0.15
21.40	10.71	7.40	0.19	24.00	11.04	7.72	0.15
21.45	10.71	7.41	0.18	24.05	11.04	7.72	0.16
21.50	10.72	7.42	0.18	24.10	11.04	7.72	0.14
21.55	10.73	7.42	0.18	24.15	11.04	7.72	0.09
21.60	10.74	7.43	0.18	24.20	11.04	7.72	0.05
21.65	10.74	7.44	0.18	24.25	11.04	7.72	0.03
21.70	10.75	7.44	0.18	24.30	11.04	7.72	0.01
21.75	10.76	7.45	0.18	24.35	11.04	7.72	0.01
21.80	10.76	7.46	0.18	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.18	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.18	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.18	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.18	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.18	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.17	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.17	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.17	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.17	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.17	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.17	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.17	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.17	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.17	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.17	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.17	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.17	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.17	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.17	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.17	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.16	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.16	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.16	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.16	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.16	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.16	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.16	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.16	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.16	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.16	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.16	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 38P: PDA-38 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 39I: PDA-39 (impervious)

Runoff = 2.83 cfs @ 12.08 hrs, Volume= 0.193 af, Depth=10.80"
 Routed to Pond B-39 : Basin #39

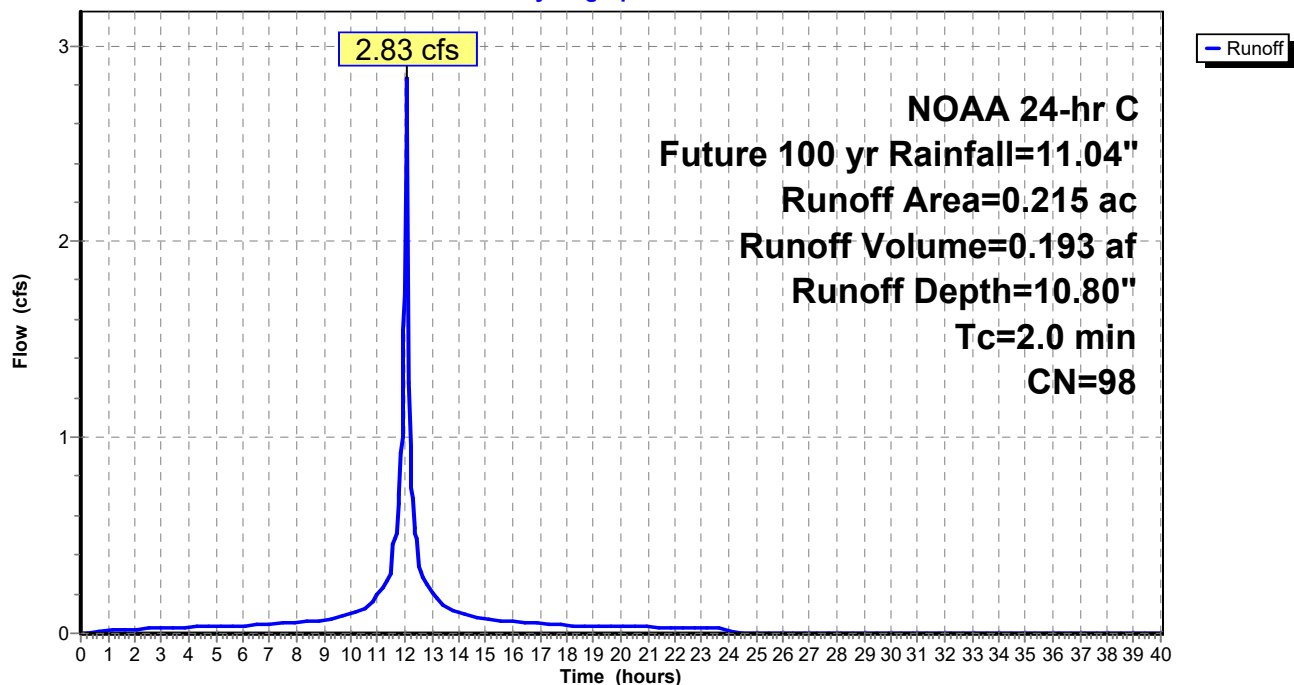
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.164	98	Concrete, HSC C
0.051	98	Paved roads w/curbs & sewers, HSG C
0.215	98	Weighted Average
0.215		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.0					Direct Entry, 2

Subcatchment 39I: PDA-39 (impervious)

Hydrograph



Hydrograph for Subcatchment 39I: PDA-39 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.03
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.03
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.03
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.03
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.03
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.03
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.03
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.03
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.03
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.03
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.03
0.55	0.07	0.00	0.00	3.15	0.41	0.24	0.03
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.03
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.03
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.03
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.03
0.80	0.10	0.01	0.01	3.40	0.45	0.27	0.03
0.85	0.10	0.01	0.01	3.45	0.46	0.28	0.03
0.90	0.11	0.02	0.01	3.50	0.46	0.29	0.03
0.95	0.11	0.02	0.01	3.55	0.47	0.29	0.03
1.00	0.12	0.02	0.01	3.60	0.48	0.30	0.03
1.05	0.13	0.03	0.01	3.65	0.49	0.31	0.03
1.10	0.13	0.03	0.01	3.70	0.49	0.31	0.03
1.15	0.14	0.03	0.01	3.75	0.50	0.32	0.03
1.20	0.15	0.04	0.01	3.80	0.51	0.33	0.03
1.25	0.15	0.04	0.02	3.85	0.52	0.33	0.03
1.30	0.16	0.04	0.02	3.90	0.52	0.34	0.03
1.35	0.16	0.05	0.02	3.95	0.53	0.35	0.03
1.40	0.17	0.05	0.02	4.00	0.54	0.35	0.03
1.45	0.18	0.05	0.02	4.05	0.55	0.36	0.03
1.50	0.18	0.06	0.02	4.10	0.56	0.37	0.03
1.55	0.19	0.06	0.02	4.15	0.56	0.38	0.03
1.60	0.20	0.07	0.02	4.20	0.57	0.38	0.03
1.65	0.20	0.07	0.02	4.25	0.58	0.39	0.03
1.70	0.21	0.08	0.02	4.30	0.59	0.40	0.03
1.75	0.22	0.08	0.02	4.35	0.60	0.41	0.03
1.80	0.22	0.09	0.02	4.40	0.60	0.41	0.03
1.85	0.23	0.09	0.02	4.45	0.61	0.42	0.03
1.90	0.24	0.10	0.02	4.50	0.62	0.43	0.03
1.95	0.24	0.10	0.02	4.55	0.63	0.44	0.03
2.00	0.25	0.11	0.02	4.60	0.64	0.44	0.03
2.05	0.26	0.11	0.02	4.65	0.64	0.45	0.03
2.10	0.26	0.12	0.02	4.70	0.65	0.46	0.03
2.15	0.27	0.12	0.02	4.75	0.66	0.47	0.03
2.20	0.28	0.13	0.02	4.80	0.67	0.47	0.03
2.25	0.28	0.13	0.02	4.85	0.68	0.48	0.03
2.30	0.29	0.14	0.02	4.90	0.69	0.49	0.03
2.35	0.30	0.14	0.02	4.95	0.69	0.50	0.03
2.40	0.30	0.15	0.02	5.00	0.70	0.51	0.03
2.45	0.31	0.15	0.02	5.05	0.71	0.51	0.03
2.50	0.32	0.16	0.02	5.10	0.72	0.52	0.03
2.55	0.33	0.17	0.02	5.15	0.73	0.53	0.03

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.03	7.80	1.27	1.05	0.05
5.25	0.74	0.55	0.03	7.85	1.28	1.07	0.06
5.30	0.75	0.55	0.04	7.90	1.30	1.08	0.06
5.35	0.76	0.56	0.04	7.95	1.31	1.09	0.06
5.40	0.77	0.57	0.04	8.00	1.32	1.11	0.06
5.45	0.78	0.58	0.04	8.05	1.34	1.12	0.06
5.50	0.79	0.59	0.04	8.10	1.35	1.13	0.06
5.55	0.80	0.59	0.04	8.15	1.36	1.15	0.06
5.60	0.80	0.60	0.04	8.20	1.38	1.16	0.06
5.65	0.81	0.61	0.04	8.25	1.39	1.17	0.06
5.70	0.82	0.62	0.04	8.30	1.40	1.19	0.06
5.75	0.83	0.63	0.04	8.35	1.42	1.20	0.06
5.80	0.84	0.64	0.04	8.40	1.43	1.21	0.06
5.85	0.85	0.64	0.04	8.45	1.45	1.23	0.06
5.90	0.86	0.65	0.04	8.50	1.46	1.24	0.06
5.95	0.87	0.66	0.04	8.55	1.48	1.26	0.06
6.00	0.87	0.67	0.04	8.60	1.49	1.27	0.06
6.05	0.88	0.68	0.04	8.65	1.51	1.29	0.06
6.10	0.89	0.69	0.04	8.70	1.52	1.30	0.06
6.15	0.90	0.70	0.04	8.75	1.54	1.32	0.06
6.20	0.91	0.71	0.04	8.80	1.55	1.33	0.06
6.25	0.92	0.71	0.04	8.85	1.57	1.35	0.06
6.30	0.93	0.72	0.04	8.90	1.58	1.36	0.07
6.35	0.94	0.73	0.04	8.95	1.60	1.38	0.07
6.40	0.95	0.74	0.04	9.00	1.61	1.39	0.07
6.45	0.96	0.75	0.04	9.05	1.63	1.41	0.07
6.50	0.97	0.76	0.04	9.10	1.64	1.42	0.07
6.55	0.98	0.77	0.04	9.15	1.66	1.44	0.07
6.60	0.99	0.78	0.04	9.20	1.68	1.46	0.07
6.65	1.00	0.79	0.04	9.25	1.70	1.47	0.08
6.70	1.01	0.80	0.04	9.30	1.72	1.49	0.08
6.75	1.02	0.81	0.04	9.35	1.73	1.51	0.08
6.80	1.03	0.82	0.04	9.40	1.75	1.53	0.08
6.85	1.04	0.83	0.05	9.45	1.77	1.55	0.08
6.90	1.05	0.84	0.05	9.50	1.79	1.57	0.08
6.95	1.07	0.85	0.05	9.55	1.81	1.59	0.09
7.00	1.08	0.87	0.05	9.60	1.83	1.61	0.09
7.05	1.09	0.88	0.05	9.65	1.85	1.63	0.09
7.10	1.10	0.89	0.05	9.70	1.88	1.65	0.09
7.15	1.11	0.90	0.05	9.75	1.90	1.67	0.09
7.20	1.12	0.91	0.05	9.80	1.92	1.69	0.09
7.25	1.13	0.92	0.05	9.85	1.94	1.72	0.10
7.30	1.15	0.93	0.05	9.90	1.97	1.74	0.10
7.35	1.16	0.94	0.05	9.95	1.99	1.76	0.10
7.40	1.17	0.96	0.05	10.00	2.01	1.79	0.10
7.45	1.18	0.97	0.05	10.05	2.04	1.81	0.10
7.50	1.19	0.98	0.05	10.10	2.06	1.84	0.11
7.55	1.21	0.99	0.05	10.15	2.09	1.86	0.11
7.60	1.22	1.00	0.05	10.20	2.11	1.89	0.11
7.65	1.23	1.02	0.05	10.25	2.14	1.91	0.11
7.70	1.24	1.03	0.05	10.30	2.17	1.94	0.11
7.75	1.26	1.04	0.05	10.35	2.19	1.97	0.12

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.12	13.00	8.39	8.15	0.21
10.45	2.25	2.02	0.12	13.05	8.43	8.19	0.19
10.50	2.28	2.05	0.12	13.10	8.48	8.24	0.19
10.55	2.31	2.08	0.13	13.15	8.52	8.28	0.18
10.60	2.34	2.11	0.13	13.20	8.56	8.32	0.18
10.65	2.37	2.14	0.15	13.25	8.60	8.36	0.16
10.70	2.41	2.18	0.15	13.30	8.63	8.39	0.16
10.75	2.44	2.21	0.16	13.35	8.67	8.43	0.15
10.80	2.48	2.25	0.16	13.40	8.70	8.46	0.15
10.85	2.52	2.29	0.17	13.45	8.73	8.49	0.14
10.90	2.56	2.33	0.18	13.50	8.76	8.52	0.13
10.95	2.61	2.38	0.19	13.55	8.79	8.55	0.12
11.00	2.65	2.42	0.19	13.60	8.82	8.58	0.12
11.05	2.70	2.47	0.21	13.65	8.85	8.61	0.12
11.10	2.75	2.52	0.22	13.70	8.87	8.63	0.12
11.15	2.80	2.57	0.24	13.75	8.90	8.66	0.11
11.20	2.86	2.63	0.24	13.80	8.93	8.69	0.11
11.25	2.92	2.69	0.26	13.85	8.95	8.71	0.11
11.30	2.98	2.75	0.27	13.90	8.98	8.74	0.11
11.35	3.05	2.82	0.29	13.95	9.00	8.76	0.11
11.40	3.12	2.89	0.29	14.00	9.03	8.79	0.11
11.45	3.19	2.96	0.31	14.05	9.05	8.81	0.10
11.50	3.26	3.03	0.32	14.10	9.07	8.83	0.10
11.55	3.37	3.14	0.45	14.15	9.10	8.86	0.10
11.60	3.49	3.25	0.48	14.20	9.12	8.88	0.10
11.65	3.60	3.37	0.50	14.25	9.14	8.90	0.10
11.70	3.72	3.49	0.52	14.30	9.16	8.92	0.10
11.75	3.88	3.65	0.66	14.35	9.19	8.95	0.09
11.80	4.04	3.81	0.71	14.40	9.21	8.97	0.09
11.85	4.27	4.03	0.92	14.45	9.23	8.99	0.09
11.90	4.49	4.25	1.00	14.50	9.25	9.01	0.09
11.95	4.88	4.64	1.55	14.55	9.27	9.03	0.09
12.00	5.26	5.02	1.73	14.60	9.29	9.05	0.08
12.05	5.91	5.67	2.60	14.65	9.31	9.07	0.08
12.10	6.55	6.31	2.69	14.70	9.32	9.08	0.08
12.15	6.77	6.53	1.28	14.75	9.34	9.10	0.08
12.20	7.00	6.76	0.96	14.80	9.36	9.12	0.08
12.25	7.16	6.92	0.74	14.85	9.38	9.14	0.07
12.30	7.32	7.08	0.69	14.90	9.40	9.15	0.07
12.35	7.44	7.20	0.54	14.95	9.41	9.17	0.07
12.40	7.55	7.31	0.51	15.00	9.43	9.19	0.07
12.45	7.67	7.43	0.49	15.05	9.44	9.20	0.07
12.50	7.78	7.54	0.47	15.10	9.46	9.22	0.07
12.55	7.85	7.61	0.34	15.15	9.47	9.23	0.07
12.60	7.92	7.68	0.31	15.20	9.49	9.25	0.07
12.65	7.99	7.75	0.30	15.25	9.50	9.26	0.07
12.70	8.06	7.82	0.29	15.30	9.52	9.28	0.07
12.75	8.12	7.88	0.27	15.35	9.53	9.29	0.06
12.80	8.18	7.94	0.27	15.40	9.55	9.31	0.06
12.85	8.24	8.00	0.25	15.45	9.56	9.32	0.06
12.90	8.29	8.05	0.24	15.50	9.58	9.34	0.06
12.95	8.34	8.10	0.22	15.55	9.59	9.35	0.06

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.06	18.20	10.20	9.96	0.04
15.65	9.62	9.38	0.06	18.25	10.21	9.97	0.04
15.70	9.64	9.39	0.06	18.30	10.22	9.98	0.04
15.75	9.65	9.41	0.06	18.35	10.23	9.99	0.04
15.80	9.66	9.42	0.06	18.40	10.24	9.99	0.04
15.85	9.68	9.44	0.06	18.45	10.24	10.00	0.04
15.90	9.69	9.45	0.06	18.50	10.25	10.01	0.04
15.95	9.70	9.46	0.06	18.55	10.26	10.02	0.04
16.00	9.72	9.48	0.06	18.60	10.27	10.03	0.04
16.05	9.73	9.49	0.06	18.65	10.28	10.04	0.04
16.10	9.74	9.50	0.06	18.70	10.29	10.05	0.04
16.15	9.76	9.52	0.06	18.75	10.30	10.05	0.04
16.20	9.77	9.53	0.06	18.80	10.30	10.06	0.04
16.25	9.78	9.54	0.06	18.85	10.31	10.07	0.04
16.30	9.80	9.55	0.06	18.90	10.32	10.08	0.04
16.35	9.81	9.57	0.05	18.95	10.33	10.09	0.04
16.40	9.82	9.58	0.05	19.00	10.34	10.10	0.04
16.45	9.83	9.59	0.05	19.05	10.35	10.11	0.04
16.50	9.85	9.60	0.05	19.10	10.35	10.11	0.04
16.55	9.86	9.62	0.05	19.15	10.36	10.12	0.04
16.60	9.87	9.63	0.05	19.20	10.37	10.13	0.04
16.65	9.88	9.64	0.05	19.25	10.38	10.14	0.04
16.70	9.89	9.65	0.05	19.30	10.39	10.15	0.04
16.75	9.91	9.66	0.05	19.35	10.40	10.15	0.04
16.80	9.92	9.68	0.05	19.40	10.40	10.16	0.04
16.85	9.93	9.69	0.05	19.45	10.41	10.17	0.04
16.90	9.94	9.70	0.05	19.50	10.42	10.18	0.04
16.95	9.95	9.71	0.05	19.55	10.43	10.19	0.03
17.00	9.96	9.72	0.05	19.60	10.44	10.20	0.03
17.05	9.97	9.73	0.05	19.65	10.44	10.20	0.03
17.10	9.99	9.74	0.05	19.70	10.45	10.21	0.03
17.15	10.00	9.76	0.05	19.75	10.46	10.22	0.03
17.20	10.01	9.77	0.05	19.80	10.47	10.23	0.03
17.25	10.02	9.78	0.05	19.85	10.48	10.24	0.03
17.30	10.03	9.79	0.05	19.90	10.48	10.24	0.03
17.35	10.04	9.80	0.05	19.95	10.49	10.25	0.03
17.40	10.05	9.81	0.05	20.00	10.50	10.26	0.03
17.45	10.06	9.82	0.04	20.05	10.51	10.27	0.03
17.50	10.07	9.83	0.04	20.10	10.52	10.27	0.03
17.55	10.08	9.84	0.04	20.15	10.52	10.28	0.03
17.60	10.09	9.85	0.04	20.20	10.53	10.29	0.03
17.65	10.10	9.86	0.04	20.25	10.54	10.30	0.03
17.70	10.11	9.87	0.04	20.30	10.55	10.31	0.03
17.75	10.12	9.88	0.04	20.35	10.55	10.31	0.03
17.80	10.13	9.89	0.04	20.40	10.56	10.32	0.03
17.85	10.14	9.90	0.04	20.45	10.57	10.33	0.03
17.90	10.15	9.91	0.04	20.50	10.58	10.34	0.03
17.95	10.16	9.92	0.04	20.55	10.58	10.34	0.03
18.00	10.17	9.92	0.04	20.60	10.59	10.35	0.03
18.05	10.17	9.93	0.04	20.65	10.60	10.36	0.03
18.10	10.18	9.94	0.04	20.70	10.61	10.37	0.03
18.15	10.19	9.95	0.04	20.75	10.61	10.37	0.03

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.03	23.40	10.97	10.73	0.03
20.85	10.63	10.39	0.03	23.45	10.97	10.73	0.03
20.90	10.64	10.39	0.03	23.50	10.98	10.74	0.03
20.95	10.64	10.40	0.03	23.55	10.99	10.74	0.03
21.00	10.65	10.41	0.03	23.60	10.99	10.75	0.03
21.05	10.66	10.42	0.03	23.65	11.00	10.76	0.03
21.10	10.66	10.42	0.03	23.70	11.00	10.76	0.03
21.15	10.67	10.43	0.03	23.75	11.01	10.77	0.02
21.20	10.68	10.44	0.03	23.80	11.01	10.77	0.02
21.25	10.69	10.45	0.03	23.85	11.02	10.78	0.02
21.30	10.69	10.45	0.03	23.90	11.03	10.78	0.02
21.35	10.70	10.46	0.03	23.95	11.03	10.79	0.03
21.40	10.71	10.47	0.03	24.00	11.04	10.80	0.03
21.45	10.71	10.47	0.03	24.05	11.04	10.80	0.01
21.50	10.72	10.48	0.03	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.03	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.03	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.03	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.03	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.03	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.03	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.03	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.03	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.03	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.03	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.03	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.03	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.03	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.03	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.03	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.03	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.03	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.03	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.03	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.03	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.03	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.03	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.03	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.03	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.03	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.03	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.03	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.03	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.03	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.03	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.03	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.03	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.03	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.03	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.03	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.03	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.03	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 39I: PDA-39 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 39P: PDA-39 (pervious)

Runoff = 7.41 cfs @ 12.26 hrs, Volume= 0.708 af, Depth= 7.72"
 Routed to Pond B-39 : Basin #39

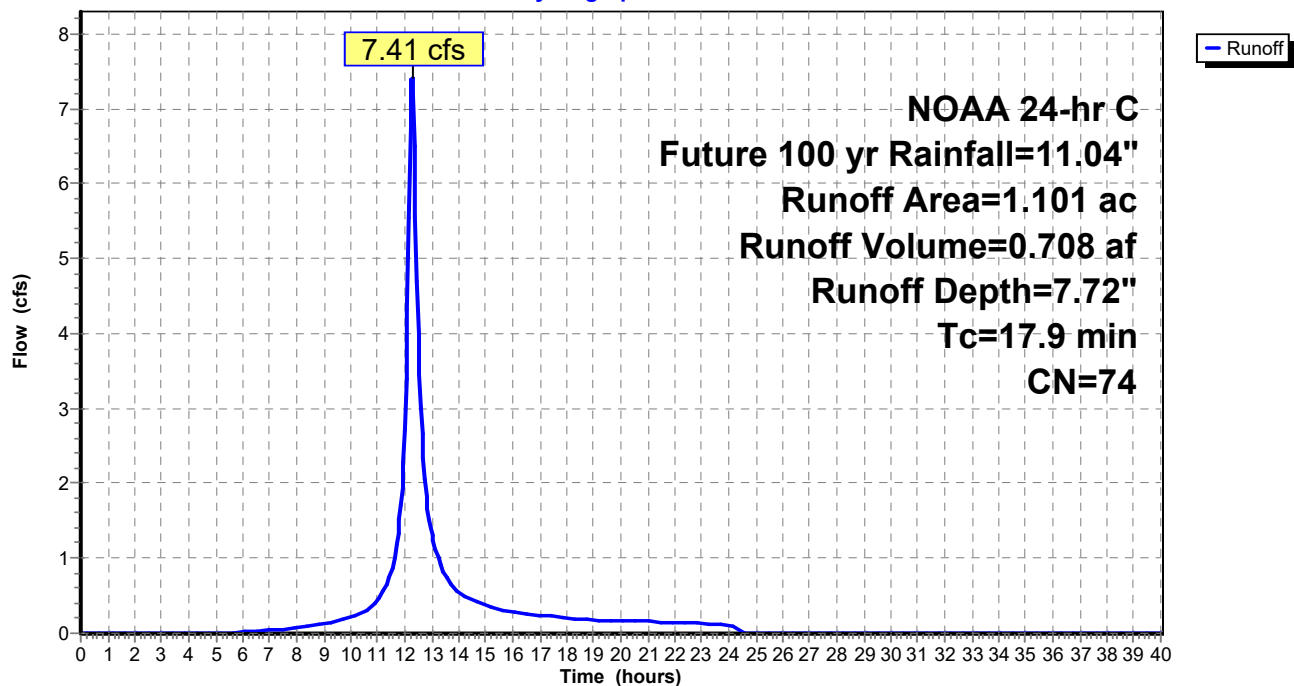
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.101	74	>75% Grass cover, Good, HSG C
1.101		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.9					Direct Entry,

Subcatchment 39P: PDA-39 (pervious)

Hydrograph



Hydrograph for Subcatchment 39P: PDA-39 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.07
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.07
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.07
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.07
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.08
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.08
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.08
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.08
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.09
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.09
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.09
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.09
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.09
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.10
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.10
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.10
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.10
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.11
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.11
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.11
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.11
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.11
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.12
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.12
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.12
6.60	0.99	0.02	0.03	9.20	1.68	0.21	0.13
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.13
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.13
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.14
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.14
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.15
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.15
6.95	1.07	0.03	0.04	9.55	1.81	0.27	0.16
7.00	1.08	0.04	0.04	9.60	1.83	0.28	0.17
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.17
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.18
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.18
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.19
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.19
7.30	1.15	0.05	0.05	9.90	1.97	0.33	0.20
7.35	1.16	0.05	0.05	9.95	1.99	0.34	0.21
7.40	1.17	0.05	0.05	10.00	2.01	0.36	0.21
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.22
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.23
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.23
7.60	1.22	0.07	0.06	10.20	2.11	0.40	0.24
7.65	1.23	0.07	0.06	10.25	2.14	0.42	0.25
7.70	1.24	0.07	0.06	10.30	2.17	0.43	0.26
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.26

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.27	13.00	8.39	5.28	1.32
10.45	2.25	0.47	0.28	13.05	8.43	5.32	1.24
10.50	2.28	0.49	0.29	13.10	8.48	5.36	1.16
10.55	2.31	0.50	0.29	13.15	8.52	5.39	1.10
10.60	2.34	0.52	0.30	13.20	8.56	5.43	1.03
10.65	2.37	0.54	0.31	13.25	8.60	5.46	0.98
10.70	2.41	0.56	0.33	13.30	8.63	5.50	0.93
10.75	2.44	0.58	0.34	13.35	8.67	5.53	0.89
10.80	2.48	0.60	0.36	13.40	8.70	5.56	0.85
10.85	2.52	0.62	0.38	13.45	8.73	5.59	0.81
10.90	2.56	0.64	0.40	13.50	8.76	5.61	0.77
10.95	2.61	0.67	0.43	13.55	8.79	5.64	0.74
11.00	2.65	0.69	0.45	13.60	8.82	5.67	0.71
11.05	2.70	0.72	0.47	13.65	8.85	5.69	0.68
11.10	2.75	0.75	0.50	13.70	8.87	5.71	0.65
11.15	2.80	0.79	0.53	13.75	8.90	5.74	0.62
11.20	2.86	0.82	0.56	13.80	8.93	5.76	0.60
11.25	2.92	0.86	0.60	13.85	8.95	5.79	0.58
11.30	2.98	0.90	0.64	13.90	8.98	5.81	0.56
11.35	3.05	0.94	0.69	13.95	9.00	5.83	0.55
11.40	3.12	0.98	0.73	14.00	9.03	5.85	0.54
11.45	3.19	1.03	0.78	14.05	9.05	5.88	0.53
11.50	3.26	1.08	0.83	14.10	9.07	5.90	0.52
11.55	3.37	1.15	0.88	14.15	9.10	5.92	0.51
11.60	3.49	1.23	0.95	14.20	9.12	5.94	0.50
11.65	3.60	1.31	1.05	14.25	9.14	5.96	0.49
11.70	3.72	1.39	1.19	14.30	9.16	5.98	0.49
11.75	3.88	1.51	1.34	14.35	9.19	6.00	0.48
11.80	4.04	1.63	1.51	14.40	9.21	6.02	0.47
11.85	4.27	1.79	1.70	14.45	9.23	6.04	0.46
11.90	4.49	1.96	1.95	14.50	9.25	6.06	0.45
11.95	4.88	2.27	2.27	14.55	9.27	6.07	0.44
12.00	5.26	2.57	2.72	14.60	9.29	6.09	0.44
12.05	5.91	3.11	3.38	14.65	9.31	6.11	0.43
12.10	6.55	3.65	4.33	14.70	9.32	6.13	0.42
12.15	6.77	3.85	5.55	14.75	9.34	6.14	0.41
12.20	7.00	4.04	6.75	14.80	9.36	6.16	0.40
12.25	7.16	4.18	7.38	14.85	9.38	6.17	0.39
12.30	7.32	4.32	7.21	14.90	9.40	6.19	0.39
12.35	7.44	4.43	6.50	14.95	9.41	6.21	0.38
12.40	7.55	4.53	5.56	15.00	9.43	6.22	0.37
12.45	7.67	4.63	4.69	15.05	9.44	6.23	0.36
12.50	7.78	4.73	4.00	15.10	9.46	6.25	0.35
12.55	7.85	4.79	3.45	15.15	9.47	6.26	0.34
12.60	7.92	4.86	3.02	15.20	9.49	6.28	0.34
12.65	7.99	4.92	2.66	15.25	9.50	6.29	0.33
12.70	8.06	4.98	2.34	15.30	9.52	6.30	0.32
12.75	8.12	5.03	2.06	15.35	9.53	6.32	0.32
12.80	8.18	5.09	1.83	15.40	9.55	6.33	0.32
12.85	8.24	5.14	1.66	15.45	9.56	6.34	0.31
12.90	8.29	5.19	1.52	15.50	9.58	6.36	0.31
12.95	8.34	5.23	1.41	15.55	9.59	6.37	0.31

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.30	18.20	10.20	6.93	0.19
15.65	9.62	6.40	0.30	18.25	10.21	6.94	0.19
15.70	9.64	6.41	0.30	18.30	10.22	6.95	0.19
15.75	9.65	6.42	0.30	18.35	10.23	6.96	0.18
15.80	9.66	6.44	0.29	18.40	10.24	6.97	0.18
15.85	9.68	6.45	0.29	18.45	10.24	6.97	0.18
15.90	9.69	6.46	0.29	18.50	10.25	6.98	0.18
15.95	9.70	6.47	0.29	18.55	10.26	6.99	0.18
16.00	9.72	6.49	0.29	18.60	10.27	7.00	0.18
16.05	9.73	6.50	0.28	18.65	10.28	7.01	0.18
16.10	9.74	6.51	0.28	18.70	10.29	7.01	0.18
16.15	9.76	6.52	0.28	18.75	10.30	7.02	0.18
16.20	9.77	6.54	0.28	18.80	10.30	7.03	0.18
16.25	9.78	6.55	0.28	18.85	10.31	7.04	0.18
16.30	9.80	6.56	0.27	18.90	10.32	7.04	0.18
16.35	9.81	6.57	0.27	18.95	10.33	7.05	0.18
16.40	9.82	6.58	0.27	19.00	10.34	7.06	0.18
16.45	9.83	6.59	0.27	19.05	10.35	7.07	0.17
16.50	9.85	6.60	0.26	19.10	10.35	7.08	0.17
16.55	9.86	6.62	0.26	19.15	10.36	7.08	0.17
16.60	9.87	6.63	0.26	19.20	10.37	7.09	0.17
16.65	9.88	6.64	0.26	19.25	10.38	7.10	0.17
16.70	9.89	6.65	0.26	19.30	10.39	7.11	0.17
16.75	9.91	6.66	0.25	19.35	10.40	7.11	0.17
16.80	9.92	6.67	0.25	19.40	10.40	7.12	0.17
16.85	9.93	6.68	0.25	19.45	10.41	7.13	0.17
16.90	9.94	6.69	0.25	19.50	10.42	7.14	0.17
16.95	9.95	6.70	0.24	19.55	10.43	7.14	0.17
17.00	9.96	6.71	0.24	19.60	10.44	7.15	0.17
17.05	9.97	6.72	0.24	19.65	10.44	7.16	0.17
17.10	9.99	6.73	0.24	19.70	10.45	7.17	0.17
17.15	10.00	6.74	0.24	19.75	10.46	7.17	0.17
17.20	10.01	6.75	0.23	19.80	10.47	7.18	0.17
17.25	10.02	6.76	0.23	19.85	10.48	7.19	0.17
17.30	10.03	6.77	0.23	19.90	10.48	7.20	0.17
17.35	10.04	6.78	0.23	19.95	10.49	7.20	0.17
17.40	10.05	6.79	0.22	20.00	10.50	7.21	0.16
17.45	10.06	6.80	0.22	20.05	10.51	7.22	0.16
17.50	10.07	6.81	0.22	20.10	10.52	7.23	0.16
17.55	10.08	6.82	0.22	20.15	10.52	7.23	0.16
17.60	10.09	6.83	0.22	20.20	10.53	7.24	0.16
17.65	10.10	6.84	0.21	20.25	10.54	7.25	0.16
17.70	10.11	6.85	0.21	20.30	10.55	7.25	0.16
17.75	10.12	6.86	0.21	20.35	10.55	7.26	0.16
17.80	10.13	6.87	0.21	20.40	10.56	7.27	0.16
17.85	10.14	6.87	0.20	20.45	10.57	7.28	0.16
17.90	10.15	6.88	0.20	20.50	10.58	7.28	0.16
17.95	10.16	6.89	0.20	20.55	10.58	7.29	0.16
18.00	10.17	6.90	0.20	20.60	10.59	7.30	0.16
18.05	10.17	6.91	0.20	20.65	10.60	7.30	0.16
18.10	10.18	6.92	0.19	20.70	10.61	7.31	0.16
18.15	10.19	6.92	0.19	20.75	10.61	7.32	0.16

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.16	23.40	10.97	7.65	0.13
20.85	10.63	7.33	0.16	23.45	10.97	7.65	0.13
20.90	10.64	7.34	0.15	23.50	10.98	7.66	0.13
20.95	10.64	7.34	0.15	23.55	10.99	7.66	0.13
21.00	10.65	7.35	0.15	23.60	10.99	7.67	0.12
21.05	10.66	7.36	0.15	23.65	11.00	7.67	0.12
21.10	10.66	7.36	0.15	23.70	11.00	7.68	0.12
21.15	10.67	7.37	0.15	23.75	11.01	7.69	0.12
21.20	10.68	7.38	0.15	23.80	11.01	7.69	0.12
21.25	10.69	7.38	0.15	23.85	11.02	7.70	0.12
21.30	10.69	7.39	0.15	23.90	11.03	7.70	0.12
21.35	10.70	7.40	0.15	23.95	11.03	7.71	0.12
21.40	10.71	7.40	0.15	24.00	11.04	7.72	0.12
21.45	10.71	7.41	0.15	24.05	11.04	7.72	0.12
21.50	10.72	7.42	0.15	24.10	11.04	7.72	0.12
21.55	10.73	7.42	0.15	24.15	11.04	7.72	0.11
21.60	10.74	7.43	0.15	24.20	11.04	7.72	0.09
21.65	10.74	7.44	0.15	24.25	11.04	7.72	0.07
21.70	10.75	7.44	0.15	24.30	11.04	7.72	0.05
21.75	10.76	7.45	0.14	24.35	11.04	7.72	0.03
21.80	10.76	7.46	0.14	24.40	11.04	7.72	0.02
21.85	10.77	7.46	0.14	24.45	11.04	7.72	0.01
21.90	10.78	7.47	0.14	24.50	11.04	7.72	0.01
21.95	10.78	7.48	0.14	24.55	11.04	7.72	0.01
22.00	10.79	7.48	0.14	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.14	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.14	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.14	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.14	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.14	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.14	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.14	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.14	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.14	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.14	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.14	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.14	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.13	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.13	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.13	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.13	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.13	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.13	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.13	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.13	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.13	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.13	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.13	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.13	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.13	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.13	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.13	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 39P: PDA-39 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 40I: PDA-40 (impervious)

Runoff = 4.07 cfs @ 12.09 hrs, Volume= 0.291 af, Depth=10.80"
 Routed to Pond B-40 : Basin #40

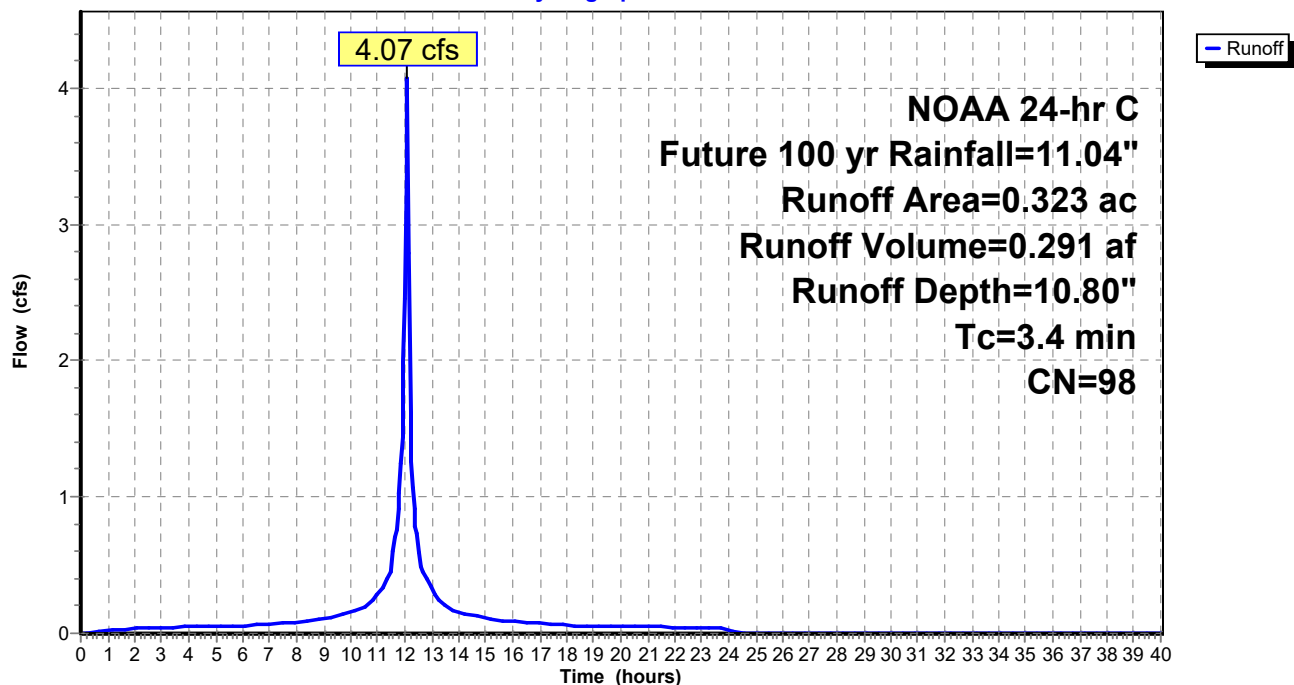
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.179	98	Concrete, HSC C
0.144	98	Paved roads w/curbs & sewers, HSG C
0.323	98	Weighted Average
0.323		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.4					Direct Entry,

Subcatchment 40I: PDA-40 (impervious)

Hydrograph



Hydrograph for Subcatchment 40I: PDA-40 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.04
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.04
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.04
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.04
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.04
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.04
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.04
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.04
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.04
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.04
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.04
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.04
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.04
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.04
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.04
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.04
0.80	0.10	0.01	0.01	3.40	0.45	0.27	0.04
0.85	0.10	0.01	0.01	3.45	0.46	0.28	0.04
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.04
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.04
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.04
1.05	0.13	0.03	0.02	3.65	0.49	0.31	0.04
1.10	0.13	0.03	0.02	3.70	0.49	0.31	0.04
1.15	0.14	0.03	0.02	3.75	0.50	0.32	0.04
1.20	0.15	0.04	0.02	3.80	0.51	0.33	0.05
1.25	0.15	0.04	0.02	3.85	0.52	0.33	0.05
1.30	0.16	0.04	0.02	3.90	0.52	0.34	0.05
1.35	0.16	0.05	0.02	3.95	0.53	0.35	0.05
1.40	0.17	0.05	0.03	4.00	0.54	0.35	0.05
1.45	0.18	0.05	0.03	4.05	0.55	0.36	0.05
1.50	0.18	0.06	0.03	4.10	0.56	0.37	0.05
1.55	0.19	0.06	0.03	4.15	0.56	0.38	0.05
1.60	0.20	0.07	0.03	4.20	0.57	0.38	0.05
1.65	0.20	0.07	0.03	4.25	0.58	0.39	0.05
1.70	0.21	0.08	0.03	4.30	0.59	0.40	0.05
1.75	0.22	0.08	0.03	4.35	0.60	0.41	0.05
1.80	0.22	0.09	0.03	4.40	0.60	0.41	0.05
1.85	0.23	0.09	0.03	4.45	0.61	0.42	0.05
1.90	0.24	0.10	0.03	4.50	0.62	0.43	0.05
1.95	0.24	0.10	0.03	4.55	0.63	0.44	0.05
2.00	0.25	0.11	0.03	4.60	0.64	0.44	0.05
2.05	0.26	0.11	0.03	4.65	0.64	0.45	0.05
2.10	0.26	0.12	0.03	4.70	0.65	0.46	0.05
2.15	0.27	0.12	0.03	4.75	0.66	0.47	0.05
2.20	0.28	0.13	0.03	4.80	0.67	0.47	0.05
2.25	0.28	0.13	0.03	4.85	0.68	0.48	0.05
2.30	0.29	0.14	0.04	4.90	0.69	0.49	0.05
2.35	0.30	0.14	0.04	4.95	0.69	0.50	0.05
2.40	0.30	0.15	0.04	5.00	0.70	0.51	0.05
2.45	0.31	0.15	0.04	5.05	0.71	0.51	0.05
2.50	0.32	0.16	0.04	5.10	0.72	0.52	0.05
2.55	0.33	0.17	0.04	5.15	0.73	0.53	0.05

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.05	7.80	1.27	1.05	0.08
5.25	0.74	0.55	0.05	7.85	1.28	1.07	0.08
5.30	0.75	0.55	0.05	7.90	1.30	1.08	0.08
5.35	0.76	0.56	0.05	7.95	1.31	1.09	0.08
5.40	0.77	0.57	0.05	8.00	1.32	1.11	0.08
5.45	0.78	0.58	0.05	8.05	1.34	1.12	0.09
5.50	0.79	0.59	0.05	8.10	1.35	1.13	0.09
5.55	0.80	0.59	0.05	8.15	1.36	1.15	0.09
5.60	0.80	0.60	0.05	8.20	1.38	1.16	0.09
5.65	0.81	0.61	0.05	8.25	1.39	1.17	0.09
5.70	0.82	0.62	0.05	8.30	1.40	1.19	0.09
5.75	0.83	0.63	0.05	8.35	1.42	1.20	0.09
5.80	0.84	0.64	0.05	8.40	1.43	1.21	0.09
5.85	0.85	0.64	0.05	8.45	1.45	1.23	0.09
5.90	0.86	0.65	0.06	8.50	1.46	1.24	0.09
5.95	0.87	0.66	0.06	8.55	1.48	1.26	0.09
6.00	0.87	0.67	0.06	8.60	1.49	1.27	0.09
6.05	0.88	0.68	0.06	8.65	1.51	1.29	0.09
6.10	0.89	0.69	0.06	8.70	1.52	1.30	0.10
6.15	0.90	0.70	0.06	8.75	1.54	1.32	0.10
6.20	0.91	0.71	0.06	8.80	1.55	1.33	0.10
6.25	0.92	0.71	0.06	8.85	1.57	1.35	0.10
6.30	0.93	0.72	0.06	8.90	1.58	1.36	0.10
6.35	0.94	0.73	0.06	8.95	1.60	1.38	0.10
6.40	0.95	0.74	0.06	9.00	1.61	1.39	0.10
6.45	0.96	0.75	0.06	9.05	1.63	1.41	0.10
6.50	0.97	0.76	0.06	9.10	1.64	1.42	0.10
6.55	0.98	0.77	0.06	9.15	1.66	1.44	0.11
6.60	0.99	0.78	0.06	9.20	1.68	1.46	0.11
6.65	1.00	0.79	0.07	9.25	1.70	1.47	0.11
6.70	1.01	0.80	0.07	9.30	1.72	1.49	0.12
6.75	1.02	0.81	0.07	9.35	1.73	1.51	0.12
6.80	1.03	0.82	0.07	9.40	1.75	1.53	0.12
6.85	1.04	0.83	0.07	9.45	1.77	1.55	0.12
6.90	1.05	0.84	0.07	9.50	1.79	1.57	0.13
6.95	1.07	0.85	0.07	9.55	1.81	1.59	0.13
7.00	1.08	0.87	0.07	9.60	1.83	1.61	0.13
7.05	1.09	0.88	0.07	9.65	1.85	1.63	0.13
7.10	1.10	0.89	0.07	9.70	1.88	1.65	0.14
7.15	1.11	0.90	0.07	9.75	1.90	1.67	0.14
7.20	1.12	0.91	0.07	9.80	1.92	1.69	0.14
7.25	1.13	0.92	0.07	9.85	1.94	1.72	0.15
7.30	1.15	0.93	0.07	9.90	1.97	1.74	0.15
7.35	1.16	0.94	0.08	9.95	1.99	1.76	0.15
7.40	1.17	0.96	0.08	10.00	2.01	1.79	0.15
7.45	1.18	0.97	0.08	10.05	2.04	1.81	0.16
7.50	1.19	0.98	0.08	10.10	2.06	1.84	0.16
7.55	1.21	0.99	0.08	10.15	2.09	1.86	0.16
7.60	1.22	1.00	0.08	10.20	2.11	1.89	0.16
7.65	1.23	1.02	0.08	10.25	2.14	1.91	0.17
7.70	1.24	1.03	0.08	10.30	2.17	1.94	0.17
7.75	1.26	1.04	0.08	10.35	2.19	1.97	0.17

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.17	13.00	8.39	8.15	0.33
10.45	2.25	2.02	0.18	13.05	8.43	8.19	0.30
10.50	2.28	2.05	0.18	13.10	8.48	8.24	0.29
10.55	2.31	2.08	0.19	13.15	8.52	8.28	0.27
10.60	2.34	2.11	0.20	13.20	8.56	8.32	0.27
10.65	2.37	2.14	0.21	13.25	8.60	8.36	0.25
10.70	2.41	2.18	0.22	13.30	8.63	8.39	0.24
10.75	2.44	2.21	0.23	13.35	8.67	8.43	0.23
10.80	2.48	2.25	0.24	13.40	8.70	8.46	0.22
10.85	2.52	2.29	0.25	13.45	8.73	8.49	0.21
10.90	2.56	2.33	0.26	13.50	8.76	8.52	0.20
10.95	2.61	2.38	0.27	13.55	8.79	8.55	0.19
11.00	2.65	2.42	0.28	13.60	8.82	8.58	0.18
11.05	2.70	2.47	0.30	13.65	8.85	8.61	0.18
11.10	2.75	2.52	0.32	13.70	8.87	8.63	0.18
11.15	2.80	2.57	0.34	13.75	8.90	8.66	0.17
11.20	2.86	2.63	0.36	13.80	8.93	8.69	0.17
11.25	2.92	2.69	0.38	13.85	8.95	8.71	0.17
11.30	2.98	2.75	0.40	13.90	8.98	8.74	0.17
11.35	3.05	2.82	0.42	13.95	9.00	8.76	0.16
11.40	3.12	2.89	0.44	14.00	9.03	8.79	0.16
11.45	3.19	2.96	0.45	14.05	9.05	8.81	0.16
11.50	3.26	3.03	0.47	14.10	9.07	8.83	0.15
11.55	3.37	3.14	0.60	14.15	9.10	8.86	0.15
11.60	3.49	3.25	0.71	14.20	9.12	8.88	0.15
11.65	3.60	3.37	0.74	14.25	9.14	8.90	0.15
11.70	3.72	3.49	0.76	14.30	9.16	8.92	0.14
11.75	3.88	3.65	0.91	14.35	9.19	8.95	0.14
11.80	4.04	3.81	1.03	14.40	9.21	8.97	0.14
11.85	4.27	4.03	1.25	14.45	9.23	8.99	0.14
11.90	4.49	4.25	1.44	14.50	9.25	9.01	0.13
11.95	4.88	4.64	1.99	14.55	9.27	9.03	0.13
12.00	5.26	5.02	2.46	14.60	9.29	9.05	0.13
12.05	5.91	5.67	3.36	14.65	9.31	9.07	0.12
12.10	6.55	6.31	4.05	14.70	9.32	9.08	0.12
12.15	6.77	6.53	2.79	14.75	9.34	9.10	0.12
12.20	7.00	6.76	1.63	14.80	9.36	9.12	0.12
12.25	7.16	6.92	1.27	14.85	9.38	9.14	0.11
12.30	7.32	7.08	1.07	14.90	9.40	9.15	0.11
12.35	7.44	7.20	0.91	14.95	9.41	9.17	0.11
12.40	7.55	7.31	0.78	15.00	9.43	9.19	0.11
12.45	7.67	7.43	0.75	15.05	9.44	9.20	0.10
12.50	7.78	7.54	0.73	15.10	9.46	9.22	0.10
12.55	7.85	7.61	0.60	15.15	9.47	9.23	0.10
12.60	7.92	7.68	0.49	15.20	9.49	9.25	0.10
12.65	7.99	7.75	0.46	15.25	9.50	9.26	0.10
12.70	8.06	7.82	0.44	15.30	9.52	9.28	0.10
12.75	8.12	7.88	0.42	15.35	9.53	9.29	0.10
12.80	8.18	7.94	0.40	15.40	9.55	9.31	0.10
12.85	8.24	8.00	0.38	15.45	9.56	9.32	0.10
12.90	8.29	8.05	0.36	15.50	9.58	9.34	0.09
12.95	8.34	8.10	0.34	15.55	9.59	9.35	0.09

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.09	18.20	10.20	9.96	0.06
15.65	9.62	9.38	0.09	18.25	10.21	9.97	0.06
15.70	9.64	9.39	0.09	18.30	10.22	9.98	0.06
15.75	9.65	9.41	0.09	18.35	10.23	9.99	0.06
15.80	9.66	9.42	0.09	18.40	10.24	9.99	0.06
15.85	9.68	9.44	0.09	18.45	10.24	10.00	0.06
15.90	9.69	9.45	0.09	18.50	10.25	10.01	0.06
15.95	9.70	9.46	0.09	18.55	10.26	10.02	0.06
16.00	9.72	9.48	0.09	18.60	10.27	10.03	0.06
16.05	9.73	9.49	0.09	18.65	10.28	10.04	0.06
16.10	9.74	9.50	0.09	18.70	10.29	10.05	0.06
16.15	9.76	9.52	0.09	18.75	10.30	10.05	0.06
16.20	9.77	9.53	0.09	18.80	10.30	10.06	0.06
16.25	9.78	9.54	0.08	18.85	10.31	10.07	0.06
16.30	9.80	9.55	0.08	18.90	10.32	10.08	0.06
16.35	9.81	9.57	0.08	18.95	10.33	10.09	0.05
16.40	9.82	9.58	0.08	19.00	10.34	10.10	0.05
16.45	9.83	9.59	0.08	19.05	10.35	10.11	0.05
16.50	9.85	9.60	0.08	19.10	10.35	10.11	0.05
16.55	9.86	9.62	0.08	19.15	10.36	10.12	0.05
16.60	9.87	9.63	0.08	19.20	10.37	10.13	0.05
16.65	9.88	9.64	0.08	19.25	10.38	10.14	0.05
16.70	9.89	9.65	0.08	19.30	10.39	10.15	0.05
16.75	9.91	9.66	0.08	19.35	10.40	10.15	0.05
16.80	9.92	9.68	0.08	19.40	10.40	10.16	0.05
16.85	9.93	9.69	0.08	19.45	10.41	10.17	0.05
16.90	9.94	9.70	0.08	19.50	10.42	10.18	0.05
16.95	9.95	9.71	0.07	19.55	10.43	10.19	0.05
17.00	9.96	9.72	0.07	19.60	10.44	10.20	0.05
17.05	9.97	9.73	0.07	19.65	10.44	10.20	0.05
17.10	9.99	9.74	0.07	19.70	10.45	10.21	0.05
17.15	10.00	9.76	0.07	19.75	10.46	10.22	0.05
17.20	10.01	9.77	0.07	19.80	10.47	10.23	0.05
17.25	10.02	9.78	0.07	19.85	10.48	10.24	0.05
17.30	10.03	9.79	0.07	19.90	10.48	10.24	0.05
17.35	10.04	9.80	0.07	19.95	10.49	10.25	0.05
17.40	10.05	9.81	0.07	20.00	10.50	10.26	0.05
17.45	10.06	9.82	0.07	20.05	10.51	10.27	0.05
17.50	10.07	9.83	0.07	20.10	10.52	10.27	0.05
17.55	10.08	9.84	0.07	20.15	10.52	10.28	0.05
17.60	10.09	9.85	0.07	20.20	10.53	10.29	0.05
17.65	10.10	9.86	0.06	20.25	10.54	10.30	0.05
17.70	10.11	9.87	0.06	20.30	10.55	10.31	0.05
17.75	10.12	9.88	0.06	20.35	10.55	10.31	0.05
17.80	10.13	9.89	0.06	20.40	10.56	10.32	0.05
17.85	10.14	9.90	0.06	20.45	10.57	10.33	0.05
17.90	10.15	9.91	0.06	20.50	10.58	10.34	0.05
17.95	10.16	9.92	0.06	20.55	10.58	10.34	0.05
18.00	10.17	9.92	0.06	20.60	10.59	10.35	0.05
18.05	10.17	9.93	0.06	20.65	10.60	10.36	0.05
18.10	10.18	9.94	0.06	20.70	10.61	10.37	0.05
18.15	10.19	9.95	0.06	20.75	10.61	10.37	0.05

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.05	23.40	10.97	10.73	0.04
20.85	10.63	10.39	0.05	23.45	10.97	10.73	0.04
20.90	10.64	10.39	0.05	23.50	10.98	10.74	0.04
20.95	10.64	10.40	0.05	23.55	10.99	10.74	0.04
21.00	10.65	10.41	0.05	23.60	10.99	10.75	0.04
21.05	10.66	10.42	0.05	23.65	11.00	10.76	0.04
21.10	10.66	10.42	0.05	23.70	11.00	10.76	0.04
21.15	10.67	10.43	0.05	23.75	11.01	10.77	0.04
21.20	10.68	10.44	0.05	23.80	11.01	10.77	0.04
21.25	10.69	10.45	0.05	23.85	11.02	10.78	0.04
21.30	10.69	10.45	0.05	23.90	11.03	10.78	0.04
21.35	10.70	10.46	0.05	23.95	11.03	10.79	0.04
21.40	10.71	10.47	0.05	24.00	11.04	10.80	0.04
21.45	10.71	10.47	0.05	24.05	11.04	10.80	0.02
21.50	10.72	10.48	0.05	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.05	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.05	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.05	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.04	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.04	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.04	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.04	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.04	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.04	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.04	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.04	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.04	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.04	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.04	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.04	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.04	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.04	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.04	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.04	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.04	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.04	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.04	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.04	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.04	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.04	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.04	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.04	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.04	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.04	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.04	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.04	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.04	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.04	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.04	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.04	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.04	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.04	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 40I: PDA-40 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 40P: PDA-40 (pervious)

Runoff = 6.60 cfs @ 12.27 hrs, Volume= 0.641 af, Depth= 7.72"
 Routed to Pond B-40 : Basin #40

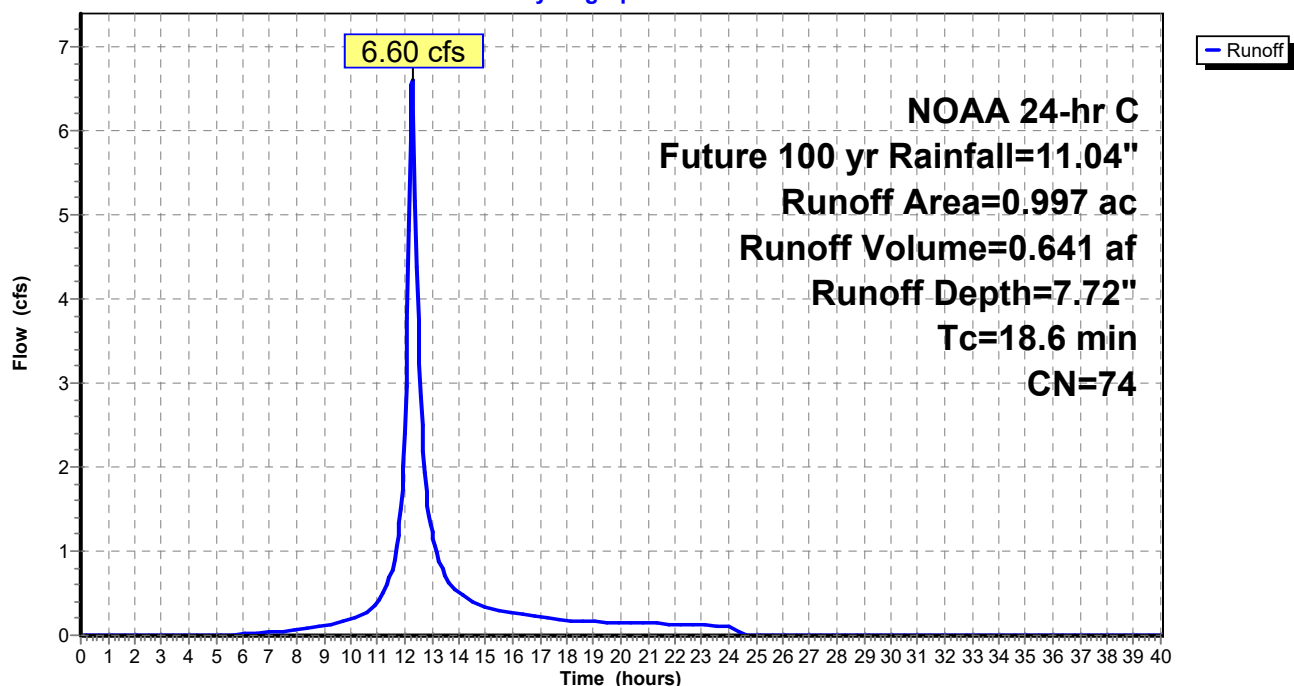
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.997	74	>75% Grass cover, Good, HSG C
0.997		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
18.6					Direct Entry,

Subcatchment 40P: PDA-40 (pervious)

Hydrograph



Hydrograph for Subcatchment 40P: PDA-40 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.06
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.07
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.07
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.08
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.08
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.08
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.09
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.09
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.09
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.10
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.10
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.11
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.11
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.11
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.12
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.12
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.13
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.13
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.14
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.14
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.15
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.15
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.16
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.16
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.17
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.18
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.18
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.19
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.19
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.20
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.20
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.21
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.22
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.22
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.23
7.75	1.26	0.08	0.06	10.35	2.19	0.44	0.24

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.24	13.00	8.39	5.28	1.22
10.45	2.25	0.47	0.25	13.05	8.43	5.32	1.14
10.50	2.28	0.49	0.26	13.10	8.48	5.36	1.07
10.55	2.31	0.50	0.26	13.15	8.52	5.39	1.01
10.60	2.34	0.52	0.27	13.20	8.56	5.43	0.95
10.65	2.37	0.54	0.28	13.25	8.60	5.46	0.90
10.70	2.41	0.56	0.29	13.30	8.63	5.50	0.85
10.75	2.44	0.58	0.31	13.35	8.67	5.53	0.81
10.80	2.48	0.60	0.32	13.40	8.70	5.56	0.77
10.85	2.52	0.62	0.34	13.45	8.73	5.59	0.74
10.90	2.56	0.64	0.36	13.50	8.76	5.61	0.71
10.95	2.61	0.67	0.38	13.55	8.79	5.64	0.68
11.00	2.65	0.69	0.40	13.60	8.82	5.67	0.65
11.05	2.70	0.72	0.42	13.65	8.85	5.69	0.62
11.10	2.75	0.75	0.45	13.70	8.87	5.71	0.59
11.15	2.80	0.79	0.47	13.75	8.90	5.74	0.57
11.20	2.86	0.82	0.50	13.80	8.93	5.76	0.54
11.25	2.92	0.86	0.54	13.85	8.95	5.79	0.53
11.30	2.98	0.90	0.57	13.90	8.98	5.81	0.51
11.35	3.05	0.94	0.61	13.95	9.00	5.83	0.50
11.40	3.12	0.98	0.66	14.00	9.03	5.85	0.49
11.45	3.19	1.03	0.70	14.05	9.05	5.88	0.48
11.50	3.26	1.08	0.74	14.10	9.07	5.90	0.47
11.55	3.37	1.15	0.79	14.15	9.10	5.92	0.46
11.60	3.49	1.23	0.85	14.20	9.12	5.94	0.46
11.65	3.60	1.31	0.94	14.25	9.14	5.96	0.45
11.70	3.72	1.39	1.05	14.30	9.16	5.98	0.44
11.75	3.88	1.51	1.19	14.35	9.19	6.00	0.43
11.80	4.04	1.63	1.34	14.40	9.21	6.02	0.43
11.85	4.27	1.79	1.51	14.45	9.23	6.04	0.42
11.90	4.49	1.96	1.72	14.50	9.25	6.06	0.41
11.95	4.88	2.27	2.00	14.55	9.27	6.07	0.40
12.00	5.26	2.57	2.39	14.60	9.29	6.09	0.40
12.05	5.91	3.11	2.95	14.65	9.31	6.11	0.39
12.10	6.55	3.65	3.76	14.70	9.32	6.13	0.38
12.15	6.77	3.85	4.82	14.75	9.34	6.14	0.37
12.20	7.00	4.04	5.89	14.80	9.36	6.16	0.37
12.25	7.16	4.18	6.53	14.85	9.38	6.17	0.36
12.30	7.32	4.32	6.50	14.90	9.40	6.19	0.35
12.35	7.44	4.43	5.96	14.95	9.41	6.21	0.34
12.40	7.55	4.53	5.17	15.00	9.43	6.22	0.34
12.45	7.67	4.63	4.38	15.05	9.44	6.23	0.33
12.50	7.78	4.73	3.74	15.10	9.46	6.25	0.32
12.55	7.85	4.79	3.23	15.15	9.47	6.26	0.31
12.60	7.92	4.86	2.83	15.20	9.49	6.28	0.31
12.65	7.99	4.92	2.49	15.25	9.50	6.29	0.30
12.70	8.06	4.98	2.19	15.30	9.52	6.30	0.29
12.75	8.12	5.03	1.93	15.35	9.53	6.32	0.29
12.80	8.18	5.09	1.71	15.40	9.55	6.33	0.29
12.85	8.24	5.14	1.54	15.45	9.56	6.34	0.28
12.90	8.29	5.19	1.41	15.50	9.58	6.36	0.28
12.95	8.34	5.23	1.31	15.55	9.59	6.37	0.28

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.28	18.20	10.20	6.93	0.17
15.65	9.62	6.40	0.27	18.25	10.21	6.94	0.17
15.70	9.64	6.41	0.27	18.30	10.22	6.95	0.17
15.75	9.65	6.42	0.27	18.35	10.23	6.96	0.17
15.80	9.66	6.44	0.27	18.40	10.24	6.97	0.17
15.85	9.68	6.45	0.27	18.45	10.24	6.97	0.17
15.90	9.69	6.46	0.26	18.50	10.25	6.98	0.16
15.95	9.70	6.47	0.26	18.55	10.26	6.99	0.16
16.00	9.72	6.49	0.26	18.60	10.27	7.00	0.16
16.05	9.73	6.50	0.26	18.65	10.28	7.01	0.16
16.10	9.74	6.51	0.26	18.70	10.29	7.01	0.16
16.15	9.76	6.52	0.25	18.75	10.30	7.02	0.16
16.20	9.77	6.54	0.25	18.80	10.30	7.03	0.16
16.25	9.78	6.55	0.25	18.85	10.31	7.04	0.16
16.30	9.80	6.56	0.25	18.90	10.32	7.04	0.16
16.35	9.81	6.57	0.25	18.95	10.33	7.05	0.16
16.40	9.82	6.58	0.24	19.00	10.34	7.06	0.16
16.45	9.83	6.59	0.24	19.05	10.35	7.07	0.16
16.50	9.85	6.60	0.24	19.10	10.35	7.08	0.16
16.55	9.86	6.62	0.24	19.15	10.36	7.08	0.16
16.60	9.87	6.63	0.24	19.20	10.37	7.09	0.16
16.65	9.88	6.64	0.23	19.25	10.38	7.10	0.16
16.70	9.89	6.65	0.23	19.30	10.39	7.11	0.16
16.75	9.91	6.66	0.23	19.35	10.40	7.11	0.16
16.80	9.92	6.67	0.23	19.40	10.40	7.12	0.16
16.85	9.93	6.68	0.23	19.45	10.41	7.13	0.15
16.90	9.94	6.69	0.22	19.50	10.42	7.14	0.15
16.95	9.95	6.70	0.22	19.55	10.43	7.14	0.15
17.00	9.96	6.71	0.22	19.60	10.44	7.15	0.15
17.05	9.97	6.72	0.22	19.65	10.44	7.16	0.15
17.10	9.99	6.73	0.22	19.70	10.45	7.17	0.15
17.15	10.00	6.74	0.21	19.75	10.46	7.17	0.15
17.20	10.01	6.75	0.21	19.80	10.47	7.18	0.15
17.25	10.02	6.76	0.21	19.85	10.48	7.19	0.15
17.30	10.03	6.77	0.21	19.90	10.48	7.20	0.15
17.35	10.04	6.78	0.21	19.95	10.49	7.20	0.15
17.40	10.05	6.79	0.20	20.00	10.50	7.21	0.15
17.45	10.06	6.80	0.20	20.05	10.51	7.22	0.15
17.50	10.07	6.81	0.20	20.10	10.52	7.23	0.15
17.55	10.08	6.82	0.20	20.15	10.52	7.23	0.15
17.60	10.09	6.83	0.20	20.20	10.53	7.24	0.15
17.65	10.10	6.84	0.19	20.25	10.54	7.25	0.15
17.70	10.11	6.85	0.19	20.30	10.55	7.25	0.15
17.75	10.12	6.86	0.19	20.35	10.55	7.26	0.15
17.80	10.13	6.87	0.19	20.40	10.56	7.27	0.14
17.85	10.14	6.87	0.19	20.45	10.57	7.28	0.14
17.90	10.15	6.88	0.18	20.50	10.58	7.28	0.14
17.95	10.16	6.89	0.18	20.55	10.58	7.29	0.14
18.00	10.17	6.90	0.18	20.60	10.59	7.30	0.14
18.05	10.17	6.91	0.18	20.65	10.60	7.30	0.14
18.10	10.18	6.92	0.18	20.70	10.61	7.31	0.14
18.15	10.19	6.92	0.17	20.75	10.61	7.32	0.14

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.14	23.40	10.97	7.65	0.11
20.85	10.63	7.33	0.14	23.45	10.97	7.65	0.11
20.90	10.64	7.34	0.14	23.50	10.98	7.66	0.11
20.95	10.64	7.34	0.14	23.55	10.99	7.66	0.11
21.00	10.65	7.35	0.14	23.60	10.99	7.67	0.11
21.05	10.66	7.36	0.14	23.65	11.00	7.67	0.11
21.10	10.66	7.36	0.14	23.70	11.00	7.68	0.11
21.15	10.67	7.37	0.14	23.75	11.01	7.69	0.11
21.20	10.68	7.38	0.14	23.80	11.01	7.69	0.11
21.25	10.69	7.38	0.14	23.85	11.02	7.70	0.11
21.30	10.69	7.39	0.14	23.90	11.03	7.70	0.11
21.35	10.70	7.40	0.14	23.95	11.03	7.71	0.11
21.40	10.71	7.40	0.14	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.13	24.05	11.04	7.72	0.11
21.50	10.72	7.42	0.13	24.10	11.04	7.72	0.11
21.55	10.73	7.42	0.13	24.15	11.04	7.72	0.10
21.60	10.74	7.43	0.13	24.20	11.04	7.72	0.09
21.65	10.74	7.44	0.13	24.25	11.04	7.72	0.07
21.70	10.75	7.44	0.13	24.30	11.04	7.72	0.05
21.75	10.76	7.45	0.13	24.35	11.04	7.72	0.03
21.80	10.76	7.46	0.13	24.40	11.04	7.72	0.02
21.85	10.77	7.46	0.13	24.45	11.04	7.72	0.01
21.90	10.78	7.47	0.13	24.50	11.04	7.72	0.01
21.95	10.78	7.48	0.13	24.55	11.04	7.72	0.01
22.00	10.79	7.48	0.13	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.13	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.13	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.13	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.13	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.13	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.13	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.13	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.13	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.12	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.12	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.12	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.12	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.12	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.12	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.12	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.12	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.12	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.12	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.12	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.12	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.12	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.12	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.12	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.12	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.12	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.12	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.12	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 40P: PDA-40 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment UPDA-3: PDA-3 (undetained)

Runoff = 22.26 cfs @ 12.25 hrs, Volume= 2.065 af, Depth= 7.44"

Routed to Link PDA-3 : Proposed Drainage Area #3

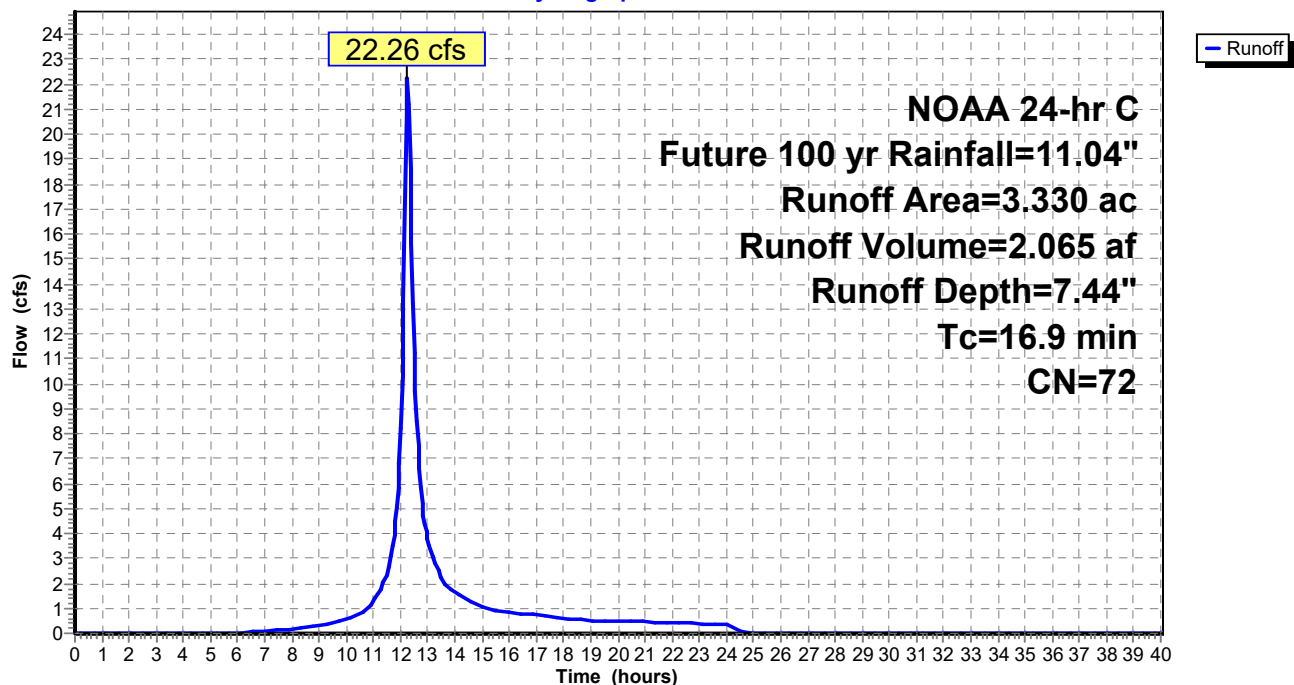
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.630	74	>75% Grass cover, Good, HSG C
1.700	70	Woods, Good, HSG C
3.330	72	Weighted Average
3.330		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
16.9					Direct Entry,

Subcatchment UPDA-3: PDA-3 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.06	0.16
5.25	0.74	0.00	0.00	7.85	1.28	0.06	0.16
5.30	0.75	0.00	0.00	7.90	1.30	0.06	0.17
5.35	0.76	0.00	0.00	7.95	1.31	0.06	0.17
5.40	0.77	0.00	0.00	8.00	1.32	0.07	0.18
5.45	0.78	0.00	0.00	8.05	1.34	0.07	0.18
5.50	0.79	0.00	0.00	8.10	1.35	0.07	0.19
5.55	0.80	0.00	0.00	8.15	1.36	0.08	0.19
5.60	0.80	0.00	0.00	8.20	1.38	0.08	0.20
5.65	0.81	0.00	0.00	8.25	1.39	0.08	0.21
5.70	0.82	0.00	0.00	8.30	1.40	0.09	0.21
5.75	0.83	0.00	0.00	8.35	1.42	0.09	0.22
5.80	0.84	0.00	0.01	8.40	1.43	0.09	0.22
5.85	0.85	0.00	0.01	8.45	1.45	0.10	0.23
5.90	0.86	0.00	0.01	8.50	1.46	0.10	0.24
5.95	0.87	0.00	0.01	8.55	1.48	0.11	0.24
6.00	0.87	0.00	0.02	8.60	1.49	0.11	0.25
6.05	0.88	0.00	0.02	8.65	1.51	0.11	0.26
6.10	0.89	0.00	0.02	8.70	1.52	0.12	0.26
6.15	0.90	0.00	0.02	8.75	1.54	0.12	0.27
6.20	0.91	0.00	0.03	8.80	1.55	0.13	0.27
6.25	0.92	0.01	0.03	8.85	1.57	0.13	0.28
6.30	0.93	0.01	0.03	8.90	1.58	0.14	0.29
6.35	0.94	0.01	0.03	8.95	1.60	0.14	0.29
6.40	0.95	0.01	0.04	9.00	1.61	0.15	0.30
6.45	0.96	0.01	0.04	9.05	1.63	0.15	0.31
6.50	0.97	0.01	0.04	9.10	1.64	0.16	0.32
6.55	0.98	0.01	0.05	9.15	1.66	0.16	0.32
6.60	0.99	0.01	0.05	9.20	1.68	0.17	0.33
6.65	1.00	0.01	0.05	9.25	1.70	0.18	0.35
6.70	1.01	0.01	0.06	9.30	1.72	0.18	0.36
6.75	1.02	0.01	0.06	9.35	1.73	0.19	0.37
6.80	1.03	0.02	0.07	9.40	1.75	0.20	0.39
6.85	1.04	0.02	0.07	9.45	1.77	0.20	0.40
6.90	1.05	0.02	0.07	9.50	1.79	0.21	0.42
6.95	1.07	0.02	0.08	9.55	1.81	0.22	0.43
7.00	1.08	0.02	0.08	9.60	1.83	0.23	0.45
7.05	1.09	0.02	0.09	9.65	1.85	0.23	0.46
7.10	1.10	0.02	0.09	9.70	1.88	0.24	0.48
7.15	1.11	0.03	0.09	9.75	1.90	0.25	0.50
7.20	1.12	0.03	0.10	9.80	1.92	0.26	0.51
7.25	1.13	0.03	0.10	9.85	1.94	0.27	0.53
7.30	1.15	0.03	0.11	9.90	1.97	0.28	0.55
7.35	1.16	0.03	0.11	9.95	1.99	0.29	0.57
7.40	1.17	0.04	0.12	10.00	2.01	0.30	0.59
7.45	1.18	0.04	0.12	10.05	2.04	0.31	0.61
7.50	1.19	0.04	0.13	10.10	2.06	0.32	0.62
7.55	1.21	0.04	0.13	10.15	2.09	0.33	0.64
7.60	1.22	0.04	0.14	10.20	2.11	0.34	0.66
7.65	1.23	0.05	0.14	10.25	2.14	0.35	0.68
7.70	1.24	0.05	0.15	10.30	2.17	0.36	0.71
7.75	1.26	0.05	0.15	10.35	2.19	0.38	0.73

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.39	0.75	13.00	8.39	5.04	3.80
10.45	2.25	0.40	0.77	13.05	8.43	5.08	3.58
10.50	2.28	0.42	0.79	13.10	8.48	5.12	3.38
10.55	2.31	0.43	0.81	13.15	8.52	5.15	3.19
10.60	2.34	0.45	0.84	13.20	8.56	5.19	3.01
10.65	2.37	0.46	0.87	13.25	8.60	5.22	2.85
10.70	2.41	0.48	0.91	13.30	8.63	5.26	2.71
10.75	2.44	0.50	0.96	13.35	8.67	5.29	2.59
10.80	2.48	0.52	1.02	13.40	8.70	5.32	2.48
10.85	2.52	0.54	1.08	13.45	8.73	5.34	2.37
10.90	2.56	0.56	1.14	13.50	8.76	5.37	2.27
10.95	2.61	0.58	1.20	13.55	8.79	5.40	2.17
11.00	2.65	0.61	1.27	13.60	8.82	5.42	2.07
11.05	2.70	0.64	1.34	13.65	8.85	5.45	1.98
11.10	2.75	0.66	1.42	13.70	8.87	5.47	1.89
11.15	2.80	0.69	1.51	13.75	8.90	5.49	1.81
11.20	2.86	0.73	1.61	13.80	8.93	5.52	1.75
11.25	2.92	0.76	1.72	13.85	8.95	5.54	1.70
11.30	2.98	0.80	1.84	13.90	8.98	5.56	1.66
11.35	3.05	0.84	1.97	13.95	9.00	5.58	1.62
11.40	3.12	0.88	2.11	14.00	9.03	5.61	1.59
11.45	3.19	0.92	2.25	14.05	9.05	5.63	1.57
11.50	3.26	0.97	2.40	14.10	9.07	5.65	1.54
11.55	3.37	1.04	2.55	14.15	9.10	5.67	1.51
11.60	3.49	1.11	2.76	14.20	9.12	5.69	1.49
11.65	3.60	1.19	3.08	14.25	9.14	5.71	1.46
11.70	3.72	1.27	3.50	14.30	9.16	5.73	1.44
11.75	3.88	1.38	3.96	14.35	9.19	5.75	1.41
11.80	4.04	1.49	4.46	14.40	9.21	5.77	1.39
11.85	4.27	1.65	5.04	14.45	9.23	5.79	1.36
11.90	4.49	1.81	5.79	14.50	9.25	5.81	1.34
11.95	4.88	2.10	6.80	14.55	9.27	5.82	1.32
12.00	5.26	2.40	8.23	14.60	9.29	5.84	1.29
12.05	5.91	2.92	10.31	14.65	9.31	5.86	1.27
12.10	6.55	3.45	13.33	14.70	9.32	5.87	1.24
12.15	6.77	3.64	17.20	14.75	9.34	5.89	1.22
12.20	7.00	3.83	20.78	14.80	9.36	5.91	1.19
12.25	7.16	3.96	22.25	14.85	9.38	5.92	1.17
12.30	7.32	4.10	21.20	14.90	9.40	5.94	1.14
12.35	7.44	4.20	18.64	14.95	9.41	5.95	1.12
12.40	7.55	4.31	15.69	15.00	9.43	5.97	1.09
12.45	7.67	4.40	13.19	15.05	9.44	5.98	1.07
12.50	7.78	4.50	11.23	15.10	9.46	6.00	1.04
12.55	7.85	4.56	9.71	15.15	9.47	6.01	1.02
12.60	7.92	4.63	8.53	15.20	9.49	6.02	1.00
12.65	7.99	4.69	7.52	15.25	9.50	6.04	0.98
12.70	8.06	4.74	6.61	15.30	9.52	6.05	0.96
12.75	8.12	4.80	5.82	15.35	9.53	6.06	0.95
12.80	8.18	4.85	5.19	15.40	9.55	6.08	0.94
12.85	8.24	4.90	4.71	15.45	9.56	6.09	0.93
12.90	8.29	4.95	4.35	15.50	9.58	6.10	0.92
12.95	8.34	4.99	4.06	15.55	9.59	6.12	0.91

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.13	0.90	18.20	10.20	6.67	0.56
15.65	9.62	6.14	0.90	18.25	10.21	6.68	0.56
15.70	9.64	6.15	0.89	18.30	10.22	6.69	0.55
15.75	9.65	6.17	0.88	18.35	10.23	6.69	0.55
15.80	9.66	6.18	0.88	18.40	10.24	6.70	0.54
15.85	9.68	6.19	0.87	18.45	10.24	6.71	0.54
15.90	9.69	6.21	0.86	18.50	10.25	6.72	0.54
15.95	9.70	6.22	0.86	18.55	10.26	6.73	0.54
16.00	9.72	6.23	0.85	18.60	10.27	6.73	0.54
16.05	9.73	6.24	0.84	18.65	10.28	6.74	0.53
16.10	9.74	6.25	0.84	18.70	10.29	6.75	0.53
16.15	9.76	6.27	0.83	18.75	10.30	6.76	0.53
16.20	9.77	6.28	0.82	18.80	10.30	6.76	0.53
16.25	9.78	6.29	0.82	18.85	10.31	6.77	0.53
16.30	9.80	6.30	0.81	18.90	10.32	6.78	0.53
16.35	9.81	6.31	0.81	18.95	10.33	6.79	0.52
16.40	9.82	6.32	0.80	19.00	10.34	6.80	0.52
16.45	9.83	6.33	0.79	19.05	10.35	6.80	0.52
16.50	9.85	6.35	0.79	19.10	10.35	6.81	0.52
16.55	9.86	6.36	0.78	19.15	10.36	6.82	0.52
16.60	9.87	6.37	0.77	19.20	10.37	6.83	0.52
16.65	9.88	6.38	0.77	19.25	10.38	6.83	0.51
16.70	9.89	6.39	0.76	19.30	10.39	6.84	0.51
16.75	9.91	6.40	0.75	19.35	10.40	6.85	0.51
16.80	9.92	6.41	0.75	19.40	10.40	6.86	0.51
16.85	9.93	6.42	0.74	19.45	10.41	6.86	0.51
16.90	9.94	6.43	0.73	19.50	10.42	6.87	0.51
16.95	9.95	6.44	0.73	19.55	10.43	6.88	0.51
17.00	9.96	6.45	0.72	19.60	10.44	6.89	0.50
17.05	9.97	6.46	0.71	19.65	10.44	6.89	0.50
17.10	9.99	6.47	0.71	19.70	10.45	6.90	0.50
17.15	10.00	6.48	0.70	19.75	10.46	6.91	0.50
17.20	10.01	6.49	0.69	19.80	10.47	6.92	0.50
17.25	10.02	6.50	0.69	19.85	10.48	6.92	0.50
17.30	10.03	6.51	0.68	19.90	10.48	6.93	0.49
17.35	10.04	6.52	0.67	19.95	10.49	6.94	0.49
17.40	10.05	6.53	0.67	20.00	10.50	6.94	0.49
17.45	10.06	6.54	0.66	20.05	10.51	6.95	0.49
17.50	10.07	6.55	0.65	20.10	10.52	6.96	0.49
17.55	10.08	6.56	0.65	20.15	10.52	6.97	0.49
17.60	10.09	6.57	0.64	20.20	10.53	6.97	0.48
17.65	10.10	6.58	0.63	20.25	10.54	6.98	0.48
17.70	10.11	6.59	0.63	20.30	10.55	6.99	0.48
17.75	10.12	6.60	0.62	20.35	10.55	6.99	0.48
17.80	10.13	6.60	0.61	20.40	10.56	7.00	0.48
17.85	10.14	6.61	0.61	20.45	10.57	7.01	0.48
17.90	10.15	6.62	0.60	20.50	10.58	7.01	0.47
17.95	10.16	6.63	0.59	20.55	10.58	7.02	0.47
18.00	10.17	6.64	0.59	20.60	10.59	7.03	0.47
18.05	10.17	6.65	0.58	20.65	10.60	7.04	0.47
18.10	10.18	6.65	0.57	20.70	10.61	7.04	0.47
18.15	10.19	6.66	0.57	20.75	10.61	7.05	0.47

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.06	0.47	23.40	10.97	7.38	0.38
20.85	10.63	7.06	0.46	23.45	10.97	7.38	0.38
20.90	10.64	7.07	0.46	23.50	10.98	7.39	0.37
20.95	10.64	7.08	0.46	23.55	10.99	7.39	0.37
21.00	10.65	7.08	0.46	23.60	10.99	7.40	0.37
21.05	10.66	7.09	0.46	23.65	11.00	7.40	0.37
21.10	10.66	7.10	0.45	23.70	11.00	7.41	0.37
21.15	10.67	7.10	0.45	23.75	11.01	7.41	0.37
21.20	10.68	7.11	0.45	23.80	11.01	7.42	0.36
21.25	10.69	7.12	0.45	23.85	11.02	7.42	0.36
21.30	10.69	7.12	0.45	23.90	11.03	7.43	0.36
21.35	10.70	7.13	0.45	23.95	11.03	7.44	0.36
21.40	10.71	7.14	0.44	24.00	11.04	7.44	0.36
21.45	10.71	7.14	0.44	24.05	11.04	7.44	0.37
21.50	10.72	7.15	0.44	24.10	11.04	7.44	0.36
21.55	10.73	7.15	0.44	24.15	11.04	7.44	0.33
21.60	10.74	7.16	0.44	24.20	11.04	7.44	0.26
21.65	10.74	7.17	0.44	24.25	11.04	7.44	0.19
21.70	10.75	7.17	0.43	24.30	11.04	7.44	0.12
21.75	10.76	7.18	0.43	24.35	11.04	7.44	0.08
21.80	10.76	7.19	0.43	24.40	11.04	7.44	0.05
21.85	10.77	7.19	0.43	24.45	11.04	7.44	0.03
21.90	10.78	7.20	0.43	24.50	11.04	7.44	0.02
21.95	10.78	7.21	0.43	24.55	11.04	7.44	0.01
22.00	10.79	7.21	0.43	24.60	11.04	7.44	0.01
22.05	10.80	7.22	0.42	24.65	11.04	7.44	0.01
22.10	10.80	7.22	0.42	24.70	11.04	7.44	0.00
22.15	10.81	7.23	0.42	24.75	11.04	7.44	0.00
22.20	10.82	7.24	0.42	24.80	11.04	7.44	0.00
22.25	10.82	7.24	0.42	24.85	11.04	7.44	0.00
22.30	10.83	7.25	0.41	24.90	11.04	7.44	0.00
22.35	10.84	7.25	0.41	24.95	11.04	7.44	0.00
22.40	10.84	7.26	0.41	25.00	11.04	7.44	0.00
22.45	10.85	7.27	0.41	25.05	11.04	7.44	0.00
22.50	10.86	7.27	0.41	25.10	11.04	7.44	0.00
22.55	10.86	7.28	0.41	25.15	11.04	7.44	0.00
22.60	10.87	7.28	0.40	25.20	11.04	7.44	0.00
22.65	10.88	7.29	0.40	25.25	11.04	7.44	0.00
22.70	10.88	7.30	0.40	25.30	11.04	7.44	0.00
22.75	10.89	7.30	0.40	25.35	11.04	7.44	0.00
22.80	10.89	7.31	0.40	25.40	11.04	7.44	0.00
22.85	10.90	7.31	0.40	25.45	11.04	7.44	0.00
22.90	10.91	7.32	0.39	25.50	11.04	7.44	0.00
22.95	10.91	7.32	0.39	25.55	11.04	7.44	0.00
23.00	10.92	7.33	0.39	25.60	11.04	7.44	0.00
23.05	10.93	7.34	0.39	25.65	11.04	7.44	0.00
23.10	10.93	7.34	0.39	25.70	11.04	7.44	0.00
23.15	10.94	7.35	0.39	25.75	11.04	7.44	0.00
23.20	10.94	7.35	0.38	25.80	11.04	7.44	0.00
23.25	10.95	7.36	0.38	25.85	11.04	7.44	0.00
23.30	10.96	7.36	0.38	25.90	11.04	7.44	0.00
23.35	10.96	7.37	0.38	25.95	11.04	7.44	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.44	0.00	28.60	11.04	7.44	0.00
26.05	11.04	7.44	0.00	28.65	11.04	7.44	0.00
26.10	11.04	7.44	0.00	28.70	11.04	7.44	0.00
26.15	11.04	7.44	0.00	28.75	11.04	7.44	0.00
26.20	11.04	7.44	0.00	28.80	11.04	7.44	0.00
26.25	11.04	7.44	0.00	28.85	11.04	7.44	0.00
26.30	11.04	7.44	0.00	28.90	11.04	7.44	0.00
26.35	11.04	7.44	0.00	28.95	11.04	7.44	0.00
26.40	11.04	7.44	0.00	29.00	11.04	7.44	0.00
26.45	11.04	7.44	0.00	29.05	11.04	7.44	0.00
26.50	11.04	7.44	0.00	29.10	11.04	7.44	0.00
26.55	11.04	7.44	0.00	29.15	11.04	7.44	0.00
26.60	11.04	7.44	0.00	29.20	11.04	7.44	0.00
26.65	11.04	7.44	0.00	29.25	11.04	7.44	0.00
26.70	11.04	7.44	0.00	29.30	11.04	7.44	0.00
26.75	11.04	7.44	0.00	29.35	11.04	7.44	0.00
26.80	11.04	7.44	0.00	29.40	11.04	7.44	0.00
26.85	11.04	7.44	0.00	29.45	11.04	7.44	0.00
26.90	11.04	7.44	0.00	29.50	11.04	7.44	0.00
26.95	11.04	7.44	0.00	29.55	11.04	7.44	0.00
27.00	11.04	7.44	0.00	29.60	11.04	7.44	0.00
27.05	11.04	7.44	0.00	29.65	11.04	7.44	0.00
27.10	11.04	7.44	0.00	29.70	11.04	7.44	0.00
27.15	11.04	7.44	0.00	29.75	11.04	7.44	0.00
27.20	11.04	7.44	0.00	29.80	11.04	7.44	0.00
27.25	11.04	7.44	0.00	29.85	11.04	7.44	0.00
27.30	11.04	7.44	0.00	29.90	11.04	7.44	0.00
27.35	11.04	7.44	0.00	29.95	11.04	7.44	0.00
27.40	11.04	7.44	0.00	30.00	11.04	7.44	0.00
27.45	11.04	7.44	0.00	30.05	11.04	7.44	0.00
27.50	11.04	7.44	0.00	30.10	11.04	7.44	0.00
27.55	11.04	7.44	0.00	30.15	11.04	7.44	0.00
27.60	11.04	7.44	0.00	30.20	11.04	7.44	0.00
27.65	11.04	7.44	0.00	30.25	11.04	7.44	0.00
27.70	11.04	7.44	0.00	30.30	11.04	7.44	0.00
27.75	11.04	7.44	0.00	30.35	11.04	7.44	0.00
27.80	11.04	7.44	0.00	30.40	11.04	7.44	0.00
27.85	11.04	7.44	0.00	30.45	11.04	7.44	0.00
27.90	11.04	7.44	0.00	30.50	11.04	7.44	0.00
27.95	11.04	7.44	0.00	30.55	11.04	7.44	0.00
28.00	11.04	7.44	0.00	30.60	11.04	7.44	0.00
28.05	11.04	7.44	0.00	30.65	11.04	7.44	0.00
28.10	11.04	7.44	0.00	30.70	11.04	7.44	0.00
28.15	11.04	7.44	0.00	30.75	11.04	7.44	0.00
28.20	11.04	7.44	0.00	30.80	11.04	7.44	0.00
28.25	11.04	7.44	0.00	30.85	11.04	7.44	0.00
28.30	11.04	7.44	0.00	30.90	11.04	7.44	0.00
28.35	11.04	7.44	0.00	30.95	11.04	7.44	0.00
28.40	11.04	7.44	0.00	31.00	11.04	7.44	0.00
28.45	11.04	7.44	0.00	31.05	11.04	7.44	0.00
28.50	11.04	7.44	0.00	31.10	11.04	7.44	0.00
28.55	11.04	7.44	0.00	31.15	11.04	7.44	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.44	0.00	33.80	11.04	7.44	0.00
31.25	11.04	7.44	0.00	33.85	11.04	7.44	0.00
31.30	11.04	7.44	0.00	33.90	11.04	7.44	0.00
31.35	11.04	7.44	0.00	33.95	11.04	7.44	0.00
31.40	11.04	7.44	0.00	34.00	11.04	7.44	0.00
31.45	11.04	7.44	0.00	34.05	11.04	7.44	0.00
31.50	11.04	7.44	0.00	34.10	11.04	7.44	0.00
31.55	11.04	7.44	0.00	34.15	11.04	7.44	0.00
31.60	11.04	7.44	0.00	34.20	11.04	7.44	0.00
31.65	11.04	7.44	0.00	34.25	11.04	7.44	0.00
31.70	11.04	7.44	0.00	34.30	11.04	7.44	0.00
31.75	11.04	7.44	0.00	34.35	11.04	7.44	0.00
31.80	11.04	7.44	0.00	34.40	11.04	7.44	0.00
31.85	11.04	7.44	0.00	34.45	11.04	7.44	0.00
31.90	11.04	7.44	0.00	34.50	11.04	7.44	0.00
31.95	11.04	7.44	0.00	34.55	11.04	7.44	0.00
32.00	11.04	7.44	0.00	34.60	11.04	7.44	0.00
32.05	11.04	7.44	0.00	34.65	11.04	7.44	0.00
32.10	11.04	7.44	0.00	34.70	11.04	7.44	0.00
32.15	11.04	7.44	0.00	34.75	11.04	7.44	0.00
32.20	11.04	7.44	0.00	34.80	11.04	7.44	0.00
32.25	11.04	7.44	0.00	34.85	11.04	7.44	0.00
32.30	11.04	7.44	0.00	34.90	11.04	7.44	0.00
32.35	11.04	7.44	0.00	34.95	11.04	7.44	0.00
32.40	11.04	7.44	0.00	35.00	11.04	7.44	0.00
32.45	11.04	7.44	0.00	35.05	11.04	7.44	0.00
32.50	11.04	7.44	0.00	35.10	11.04	7.44	0.00
32.55	11.04	7.44	0.00	35.15	11.04	7.44	0.00
32.60	11.04	7.44	0.00	35.20	11.04	7.44	0.00
32.65	11.04	7.44	0.00	35.25	11.04	7.44	0.00
32.70	11.04	7.44	0.00	35.30	11.04	7.44	0.00
32.75	11.04	7.44	0.00	35.35	11.04	7.44	0.00
32.80	11.04	7.44	0.00	35.40	11.04	7.44	0.00
32.85	11.04	7.44	0.00	35.45	11.04	7.44	0.00
32.90	11.04	7.44	0.00	35.50	11.04	7.44	0.00
32.95	11.04	7.44	0.00	35.55	11.04	7.44	0.00
33.00	11.04	7.44	0.00	35.60	11.04	7.44	0.00
33.05	11.04	7.44	0.00	35.65	11.04	7.44	0.00
33.10	11.04	7.44	0.00	35.70	11.04	7.44	0.00
33.15	11.04	7.44	0.00	35.75	11.04	7.44	0.00
33.20	11.04	7.44	0.00	35.80	11.04	7.44	0.00
33.25	11.04	7.44	0.00	35.85	11.04	7.44	0.00
33.30	11.04	7.44	0.00	35.90	11.04	7.44	0.00
33.35	11.04	7.44	0.00	35.95	11.04	7.44	0.00
33.40	11.04	7.44	0.00	36.00	11.04	7.44	0.00
33.45	11.04	7.44	0.00	36.05	11.04	7.44	0.00
33.50	11.04	7.44	0.00	36.10	11.04	7.44	0.00
33.55	11.04	7.44	0.00	36.15	11.04	7.44	0.00
33.60	11.04	7.44	0.00	36.20	11.04	7.44	0.00
33.65	11.04	7.44	0.00	36.25	11.04	7.44	0.00
33.70	11.04	7.44	0.00	36.30	11.04	7.44	0.00
33.75	11.04	7.44	0.00	36.35	11.04	7.44	0.00

Hydrograph for Subcatchment UPDA-3: PDA-3 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.44	0.00	39.00	11.04	7.44	0.00
36.45	11.04	7.44	0.00	39.05	11.04	7.44	0.00
36.50	11.04	7.44	0.00	39.10	11.04	7.44	0.00
36.55	11.04	7.44	0.00	39.15	11.04	7.44	0.00
36.60	11.04	7.44	0.00	39.20	11.04	7.44	0.00
36.65	11.04	7.44	0.00	39.25	11.04	7.44	0.00
36.70	11.04	7.44	0.00	39.30	11.04	7.44	0.00
36.75	11.04	7.44	0.00	39.35	11.04	7.44	0.00
36.80	11.04	7.44	0.00	39.40	11.04	7.44	0.00
36.85	11.04	7.44	0.00	39.45	11.04	7.44	0.00
36.90	11.04	7.44	0.00	39.50	11.04	7.44	0.00
36.95	11.04	7.44	0.00	39.55	11.04	7.44	0.00
37.00	11.04	7.44	0.00	39.60	11.04	7.44	0.00
37.05	11.04	7.44	0.00	39.65	11.04	7.44	0.00
37.10	11.04	7.44	0.00	39.70	11.04	7.44	0.00
37.15	11.04	7.44	0.00	39.75	11.04	7.44	0.00
37.20	11.04	7.44	0.00	39.80	11.04	7.44	0.00
37.25	11.04	7.44	0.00	39.85	11.04	7.44	0.00
37.30	11.04	7.44	0.00	39.90	11.04	7.44	0.00
37.35	11.04	7.44	0.00	39.95	11.04	7.44	0.00
37.40	11.04	7.44	0.00	40.00	11.04	7.44	0.00
37.45	11.04	7.44	0.00				
37.50	11.04	7.44	0.00				
37.55	11.04	7.44	0.00				
37.60	11.04	7.44	0.00				
37.65	11.04	7.44	0.00				
37.70	11.04	7.44	0.00				
37.75	11.04	7.44	0.00				
37.80	11.04	7.44	0.00				
37.85	11.04	7.44	0.00				
37.90	11.04	7.44	0.00				
37.95	11.04	7.44	0.00				
38.00	11.04	7.44	0.00				
38.05	11.04	7.44	0.00				
38.10	11.04	7.44	0.00				
38.15	11.04	7.44	0.00				
38.20	11.04	7.44	0.00				
38.25	11.04	7.44	0.00				
38.30	11.04	7.44	0.00				
38.35	11.04	7.44	0.00				
38.40	11.04	7.44	0.00				
38.45	11.04	7.44	0.00				
38.50	11.04	7.44	0.00				
38.55	11.04	7.44	0.00				
38.60	11.04	7.44	0.00				
38.65	11.04	7.44	0.00				
38.70	11.04	7.44	0.00				
38.75	11.04	7.44	0.00				
38.80	11.04	7.44	0.00				
38.85	11.04	7.44	0.00				
38.90	11.04	7.44	0.00				
38.95	11.04	7.44	0.00				

Summary for Pond 1P: Porous Pavement

Inflow Area = 0.568 ac, 100.00% Impervious, Inflow Depth = 10.80" for Future 100 yr event
 Inflow = 7.16 cfs @ 12.09 hrs, Volume= 0.511 af
 Outflow = 3.13 cfs @ 12.20 hrs, Volume= 0.462 af, Atten= 56%, Lag= 6.7 min
 Primary = 3.13 cfs @ 12.20 hrs, Volume= 0.462 af
 Routed to Pond B-40 : Basin #40

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.44' @ 12.20 hrs Surf.Area= 0.070 ac Storage= 0.140 af

Plug-Flow detention time= 120.5 min calculated for 0.462 af (90% of inflow)
 Center-of-Mass det. time= 69.0 min (804.7 - 735.7)

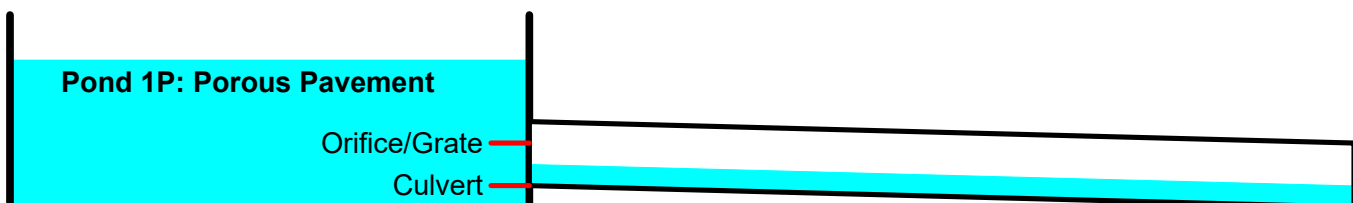
Volume	Invert	Avail.Storage	Storage Description
#1A	202.00'	0.082 af	48.50'W x 63.00'L x 4.50'H Field A 0.316 af Overall - 0.110 af Embedded = 0.206 af x 40.0% Voids
#2A	202.50'	0.088 af	ADS N-12 36" x 27 Inside #1 Inside= 36.1"W x 36.1"H => 7.10 sf x 20.00'L = 142.0 cf Outside= 42.0"W x 42.0"H => 8.86 sf x 20.00'L = 177.1 cf 27 Chambers in 9 Rows
		0.170 af	Total Available Storage

Storage Group A created with Chamber Wizard

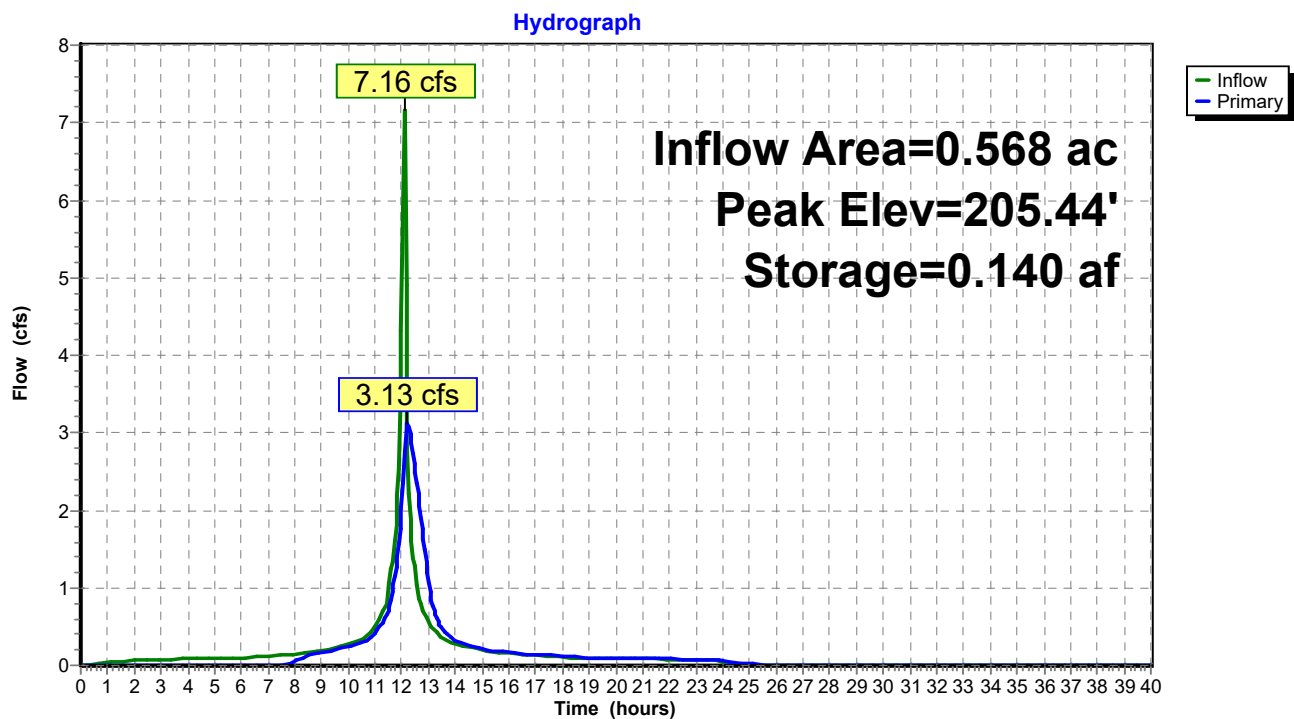
Device	Routing	Invert	Outlet Devices
#1	Primary	202.50'	18.0" Round Culvert L= 100.0' Ke= 1.000 Inlet / Outlet Invert= 202.50' / 202.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	203.50'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=3.12 cfs @ 12.20 hrs HW=205.43' (Free Discharge)

↑ **1=Culvert** (Passes 3.12 cfs of 9.43 cfs potential flow)
 ↑ **2=Orifice/Grate** (Orifice Controls 3.12 cfs @ 6.24 fps)



Pond 1P: Porous Pavement



Hydrograph for Pond 1P: Porous Pavement

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.000	202.00	0.00
0.10	0.00	0.000	202.00	0.00
0.20	0.00	0.000	202.00	0.00
0.30	0.00	0.000	202.00	0.00
0.40	0.00	0.000	202.00	0.00
0.50	0.01	0.000	202.00	0.00
0.60	0.01	0.000	202.00	0.00
0.70	0.02	0.000	202.01	0.00
0.80	0.02	0.000	202.02	0.00
0.90	0.03	0.001	202.02	0.00
1.00	0.03	0.001	202.03	0.00
1.10	0.04	0.001	202.04	0.00
1.20	0.04	0.002	202.05	0.00
1.30	0.04	0.002	202.07	0.00
1.40	0.04	0.002	202.08	0.00
1.50	0.05	0.003	202.09	0.00
1.60	0.05	0.003	202.11	0.00
1.70	0.05	0.003	202.12	0.00
1.80	0.05	0.004	202.14	0.00
1.90	0.06	0.004	202.15	0.00
2.00	0.06	0.005	202.17	0.00
2.10	0.06	0.005	202.19	0.00
2.20	0.06	0.006	202.20	0.00
2.30	0.06	0.006	202.22	0.00
2.40	0.06	0.007	202.24	0.00
2.50	0.06	0.007	202.26	0.00
2.60	0.07	0.008	202.28	0.00
2.70	0.07	0.008	202.30	0.00
2.80	0.07	0.009	202.32	0.00
2.90	0.07	0.010	202.34	0.00
3.00	0.07	0.010	202.36	0.00
3.10	0.07	0.011	202.38	0.00
3.20	0.07	0.011	202.40	0.00
3.30	0.07	0.012	202.42	0.00
3.40	0.08	0.013	202.45	0.00
3.50	0.08	0.013	202.47	0.00
3.60	0.08	0.014	202.49	0.00
3.70	0.08	0.014	202.52	0.00
3.80	0.08	0.015	202.54	0.00
3.90	0.08	0.016	202.57	0.00
4.00	0.08	0.016	202.60	0.00
4.10	0.08	0.017	202.63	0.00
4.20	0.08	0.018	202.66	0.00
4.30	0.08	0.018	202.69	0.00
4.40	0.09	0.019	202.73	0.00
4.50	0.09	0.020	202.76	0.00
4.60	0.09	0.021	202.79	0.00
4.70	0.09	0.021	202.81	0.00
4.80	0.09	0.022	202.84	0.00
4.90	0.09	0.023	202.86	0.00
5.00	0.09	0.024	202.88	0.00
5.10	0.09	0.024	202.90	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	0.025	202.92	0.00
5.30	0.09	0.026	202.95	0.00
5.40	0.09	0.027	202.97	0.00
5.50	0.09	0.027	202.99	0.00
5.60	0.09	0.028	203.01	0.00
5.70	0.10	0.029	203.03	0.00
5.80	0.10	0.030	203.05	0.00
5.90	0.10	0.030	203.07	0.00
6.00	0.10	0.031	203.09	0.00
6.10	0.10	0.032	203.11	0.00
6.20	0.10	0.033	203.13	0.00
6.30	0.11	0.034	203.15	0.00
6.40	0.11	0.035	203.17	0.00
6.50	0.11	0.036	203.20	0.00
6.60	0.11	0.037	203.22	0.00
6.70	0.12	0.037	203.24	0.00
6.80	0.12	0.038	203.26	0.00
6.90	0.12	0.039	203.29	0.00
7.00	0.12	0.040	203.31	0.00
7.10	0.13	0.041	203.33	0.00
7.20	0.13	0.043	203.36	0.00
7.30	0.13	0.044	203.38	0.00
7.40	0.13	0.045	203.41	0.00
7.50	0.14	0.046	203.43	0.00
7.60	0.14	0.047	203.46	0.00
7.70	0.14	0.048	203.48	0.00
7.80	0.14	0.049	203.51	0.00
7.90	0.15	0.050	203.53	0.02
8.00	0.15	0.051	203.55	0.04
8.10	0.15	0.052	203.57	0.06
8.20	0.15	0.053	203.58	0.08
8.30	0.16	0.053	203.60	0.10
8.40	0.16	0.054	203.61	0.11
8.50	0.16	0.054	203.61	0.12
8.60	0.16	0.055	203.62	0.13
8.70	0.17	0.055	203.62	0.14
8.80	0.17	0.055	203.63	0.15
8.90	0.17	0.055	203.63	0.15
9.00	0.18	0.055	203.63	0.16
9.10	0.18	0.055	203.64	0.17
9.20	0.19	0.056	203.64	0.17
9.30	0.20	0.056	203.65	0.18
9.40	0.21	0.056	203.65	0.19
9.50	0.22	0.056	203.65	0.19
9.60	0.23	0.056	203.66	0.20
9.70	0.24	0.057	203.66	0.21
9.80	0.25	0.057	203.67	0.22
9.90	0.26	0.057	203.67	0.23
10.00	0.27	0.057	203.68	0.24
10.10	0.28	0.058	203.68	0.25
10.20	0.29	0.058	203.69	0.26
10.30	0.30	0.058	203.69	0.27

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
10.40	0.31	0.058	203.70	0.28
10.50	0.32	0.058	203.70	0.29
10.60	0.35	0.059	203.71	0.31
10.70	0.39	0.059	203.72	0.33
10.80	0.42	0.060	203.73	0.35
10.90	0.46	0.060	203.74	0.38
11.00	0.50	0.061	203.76	0.42
11.10	0.56	0.062	203.77	0.46
11.20	0.63	0.063	203.79	0.51
11.30	0.70	0.064	203.81	0.57
11.40	0.77	0.065	203.84	0.63
11.50	0.82	0.066	203.86	0.70
11.60	1.25	0.068	203.91	0.84
11.70	1.34	0.071	203.97	1.03
11.80	1.82	0.075	204.04	1.26
11.90	2.53	0.082	204.18	1.55
12.00	4.33	0.096	204.46	2.02
12.10	7.13	0.124	205.06	2.75
12.20	2.86	0.140	205.44	3.13
12.30	1.88	0.134	205.28	2.98
12.40	1.38	0.124	205.05	2.74
12.50	1.28	0.113	204.82	2.48
12.60	0.85	0.102	204.60	2.21
12.70	0.78	0.092	204.39	1.91
12.80	0.71	0.083	204.22	1.62
12.90	0.64	0.077	204.08	1.34
13.00	0.57	0.072	203.98	1.06
13.10	0.51	0.068	203.91	0.84
13.20	0.47	0.066	203.86	0.70
13.30	0.43	0.064	203.83	0.60
13.40	0.39	0.063	203.80	0.53
13.50	0.36	0.062	203.78	0.47
13.60	0.32	0.061	203.76	0.43
13.70	0.31	0.060	203.74	0.39
13.80	0.30	0.060	203.73	0.36
13.90	0.29	0.059	203.72	0.34
14.00	0.28	0.059	203.72	0.32
14.10	0.27	0.059	203.71	0.31
14.20	0.26	0.059	203.70	0.29
14.30	0.25	0.058	203.70	0.28
14.40	0.24	0.058	203.69	0.27
14.50	0.23	0.058	203.69	0.26
14.60	0.22	0.058	203.68	0.25
14.70	0.22	0.057	203.68	0.24
14.80	0.21	0.057	203.67	0.23
14.90	0.20	0.057	203.67	0.22
15.00	0.19	0.057	203.66	0.21
15.10	0.18	0.056	203.66	0.20
15.20	0.17	0.056	203.66	0.20
15.30	0.17	0.056	203.65	0.19
15.40	0.17	0.056	203.65	0.19
15.50	0.17	0.056	203.65	0.18

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	0.056	203.64	0.18
15.70	0.16	0.056	203.64	0.17
15.80	0.16	0.056	203.64	0.17
15.90	0.16	0.055	203.64	0.17
16.00	0.15	0.055	203.64	0.16
16.10	0.15	0.055	203.64	0.16
16.20	0.15	0.055	203.63	0.16
16.30	0.15	0.055	203.63	0.16
16.40	0.14	0.055	203.63	0.15
16.50	0.14	0.055	203.63	0.15
16.60	0.14	0.055	203.63	0.15
16.70	0.14	0.055	203.63	0.15
16.80	0.13	0.055	203.63	0.14
16.90	0.13	0.055	203.62	0.14
17.00	0.13	0.055	203.62	0.14
17.10	0.13	0.055	203.62	0.14
17.20	0.12	0.055	203.62	0.13
17.30	0.12	0.054	203.62	0.13
17.40	0.12	0.054	203.62	0.13
17.50	0.12	0.054	203.61	0.13
17.60	0.11	0.054	203.61	0.12
17.70	0.11	0.054	203.61	0.12
17.80	0.11	0.054	203.61	0.12
17.90	0.11	0.054	203.61	0.12
18.00	0.10	0.054	203.61	0.11
18.10	0.10	0.054	203.61	0.11
18.20	0.10	0.054	203.60	0.11
18.30	0.10	0.054	203.60	0.11
18.40	0.10	0.054	203.60	0.11
18.50	0.10	0.054	203.60	0.10
18.60	0.10	0.054	203.60	0.10
18.70	0.10	0.054	203.60	0.10
18.80	0.10	0.054	203.60	0.10
18.90	0.10	0.054	203.60	0.10
19.00	0.10	0.054	203.60	0.10
19.10	0.10	0.053	203.60	0.10
19.20	0.09	0.053	203.60	0.10
19.30	0.09	0.053	203.60	0.10
19.40	0.09	0.053	203.60	0.10
19.50	0.09	0.053	203.60	0.10
19.60	0.09	0.053	203.59	0.09
19.70	0.09	0.053	203.59	0.09
19.80	0.09	0.053	203.59	0.09
19.90	0.09	0.053	203.59	0.09
20.00	0.09	0.053	203.59	0.09
20.10	0.09	0.053	203.59	0.09
20.20	0.09	0.053	203.59	0.09
20.30	0.09	0.053	203.59	0.09
20.40	0.09	0.053	203.59	0.09
20.50	0.09	0.053	203.59	0.09
20.60	0.09	0.053	203.59	0.09
20.70	0.09	0.053	203.59	0.09

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	0.053	203.59	0.09
20.90	0.08	0.053	203.59	0.09
21.00	0.08	0.053	203.59	0.09
21.10	0.08	0.053	203.59	0.09
21.20	0.08	0.053	203.59	0.08
21.30	0.08	0.053	203.59	0.08
21.40	0.08	0.053	203.59	0.08
21.50	0.08	0.053	203.59	0.08
21.60	0.08	0.053	203.59	0.08
21.70	0.08	0.053	203.59	0.08
21.80	0.08	0.053	203.59	0.08
21.90	0.08	0.053	203.59	0.08
22.00	0.08	0.053	203.59	0.08
22.10	0.08	0.053	203.58	0.08
22.20	0.08	0.053	203.58	0.08
22.30	0.08	0.053	203.58	0.08
22.40	0.07	0.053	203.58	0.08
22.50	0.07	0.053	203.58	0.08
22.60	0.07	0.053	203.58	0.08
22.70	0.07	0.053	203.58	0.08
22.80	0.07	0.053	203.58	0.07
22.90	0.07	0.053	203.58	0.07
23.00	0.07	0.053	203.58	0.07
23.10	0.07	0.053	203.58	0.07
23.20	0.07	0.053	203.58	0.07
23.30	0.07	0.053	203.58	0.07
23.40	0.07	0.053	203.58	0.07
23.50	0.07	0.053	203.58	0.07
23.60	0.07	0.053	203.58	0.07
23.70	0.07	0.053	203.58	0.07
23.80	0.07	0.053	203.58	0.07
23.90	0.07	0.053	203.58	0.07
24.00	0.08	0.053	203.58	0.07
24.10	0.01	0.052	203.57	0.06
24.20	0.00	0.052	203.56	0.05
24.30	0.00	0.052	203.55	0.04
24.40	0.00	0.051	203.55	0.03
24.50	0.00	0.051	203.54	0.03
24.60	0.00	0.051	203.54	0.02
24.70	0.00	0.051	203.53	0.02
24.80	0.00	0.050	203.53	0.02
24.90	0.00	0.050	203.53	0.01
25.00	0.00	0.050	203.53	0.01
25.10	0.00	0.050	203.52	0.01
25.20	0.00	0.050	203.52	0.01
25.30	0.00	0.050	203.52	0.01
25.40	0.00	0.050	203.52	0.01
25.50	0.00	0.050	203.52	0.01
25.60	0.00	0.050	203.52	0.01
25.70	0.00	0.050	203.51	0.01
25.80	0.00	0.050	203.51	0.01
25.90	0.00	0.050	203.51	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.050	203.51	0.00
26.10	0.00	0.049	203.51	0.00
26.20	0.00	0.049	203.51	0.00
26.30	0.00	0.049	203.51	0.00
26.40	0.00	0.049	203.51	0.00
26.50	0.00	0.049	203.51	0.00
26.60	0.00	0.049	203.51	0.00
26.70	0.00	0.049	203.51	0.00
26.80	0.00	0.049	203.51	0.00
26.90	0.00	0.049	203.51	0.00
27.00	0.00	0.049	203.51	0.00
27.10	0.00	0.049	203.51	0.00
27.20	0.00	0.049	203.50	0.00
27.30	0.00	0.049	203.50	0.00
27.40	0.00	0.049	203.50	0.00
27.50	0.00	0.049	203.50	0.00
27.60	0.00	0.049	203.50	0.00
27.70	0.00	0.049	203.50	0.00
27.80	0.00	0.049	203.50	0.00
27.90	0.00	0.049	203.50	0.00
28.00	0.00	0.049	203.50	0.00
28.10	0.00	0.049	203.50	0.00
28.20	0.00	0.049	203.50	0.00
28.30	0.00	0.049	203.50	0.00
28.40	0.00	0.049	203.50	0.00
28.50	0.00	0.049	203.50	0.00
28.60	0.00	0.049	203.50	0.00
28.70	0.00	0.049	203.50	0.00
28.80	0.00	0.049	203.50	0.00
28.90	0.00	0.049	203.50	0.00
29.00	0.00	0.049	203.50	0.00
29.10	0.00	0.049	203.50	0.00
29.20	0.00	0.049	203.50	0.00
29.30	0.00	0.049	203.50	0.00
29.40	0.00	0.049	203.50	0.00
29.50	0.00	0.049	203.50	0.00
29.60	0.00	0.049	203.50	0.00
29.70	0.00	0.049	203.50	0.00
29.80	0.00	0.049	203.50	0.00
29.90	0.00	0.049	203.50	0.00
30.00	0.00	0.049	203.50	0.00
30.10	0.00	0.049	203.50	0.00
30.20	0.00	0.049	203.50	0.00
30.30	0.00	0.049	203.50	0.00
30.40	0.00	0.049	203.50	0.00
30.50	0.00	0.049	203.50	0.00
30.60	0.00	0.049	203.50	0.00
30.70	0.00	0.049	203.50	0.00
30.80	0.00	0.049	203.50	0.00
30.90	0.00	0.049	203.50	0.00
31.00	0.00	0.049	203.50	0.00
31.10	0.00	0.049	203.50	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.049	203.50	0.00
31.30	0.00	0.049	203.50	0.00
31.40	0.00	0.049	203.50	0.00
31.50	0.00	0.049	203.50	0.00
31.60	0.00	0.049	203.50	0.00
31.70	0.00	0.049	203.50	0.00
31.80	0.00	0.049	203.50	0.00
31.90	0.00	0.049	203.50	0.00
32.00	0.00	0.049	203.50	0.00
32.10	0.00	0.049	203.50	0.00
32.20	0.00	0.049	203.50	0.00
32.30	0.00	0.049	203.50	0.00
32.40	0.00	0.049	203.50	0.00
32.50	0.00	0.049	203.50	0.00
32.60	0.00	0.049	203.50	0.00
32.70	0.00	0.049	203.50	0.00
32.80	0.00	0.049	203.50	0.00
32.90	0.00	0.049	203.50	0.00
33.00	0.00	0.049	203.50	0.00
33.10	0.00	0.049	203.50	0.00
33.20	0.00	0.049	203.50	0.00
33.30	0.00	0.049	203.50	0.00
33.40	0.00	0.049	203.50	0.00
33.50	0.00	0.049	203.50	0.00
33.60	0.00	0.049	203.50	0.00
33.70	0.00	0.049	203.50	0.00
33.80	0.00	0.049	203.50	0.00
33.90	0.00	0.049	203.50	0.00
34.00	0.00	0.049	203.50	0.00
34.10	0.00	0.049	203.50	0.00
34.20	0.00	0.049	203.50	0.00
34.30	0.00	0.049	203.50	0.00
34.40	0.00	0.049	203.50	0.00
34.50	0.00	0.049	203.50	0.00
34.60	0.00	0.049	203.50	0.00
34.70	0.00	0.049	203.50	0.00
34.80	0.00	0.049	203.50	0.00
34.90	0.00	0.049	203.50	0.00
35.00	0.00	0.049	203.50	0.00
35.10	0.00	0.049	203.50	0.00
35.20	0.00	0.049	203.50	0.00
35.30	0.00	0.049	203.50	0.00
35.40	0.00	0.049	203.50	0.00
35.50	0.00	0.049	203.50	0.00
35.60	0.00	0.049	203.50	0.00
35.70	0.00	0.049	203.50	0.00
35.80	0.00	0.049	203.50	0.00
35.90	0.00	0.049	203.50	0.00
36.00	0.00	0.049	203.50	0.00
36.10	0.00	0.049	203.50	0.00
36.20	0.00	0.049	203.50	0.00
36.30	0.00	0.049	203.50	0.00

Hydrograph for Pond 1P: Porous Pavement (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.049	203.50	0.00
36.50	0.00	0.049	203.50	0.00
36.60	0.00	0.049	203.50	0.00
36.70	0.00	0.049	203.50	0.00
36.80	0.00	0.049	203.50	0.00
36.90	0.00	0.049	203.50	0.00
37.00	0.00	0.049	203.50	0.00
37.10	0.00	0.049	203.50	0.00
37.20	0.00	0.049	203.50	0.00
37.30	0.00	0.049	203.50	0.00
37.40	0.00	0.049	203.50	0.00
37.50	0.00	0.049	203.50	0.00
37.60	0.00	0.049	203.50	0.00
37.70	0.00	0.049	203.50	0.00
37.80	0.00	0.049	203.50	0.00
37.90	0.00	0.049	203.50	0.00
38.00	0.00	0.049	203.50	0.00
38.10	0.00	0.049	203.50	0.00
38.20	0.00	0.049	203.50	0.00
38.30	0.00	0.049	203.50	0.00
38.40	0.00	0.049	203.50	0.00
38.50	0.00	0.049	203.50	0.00
38.60	0.00	0.049	203.50	0.00
38.70	0.00	0.049	203.50	0.00
38.80	0.00	0.049	203.50	0.00
38.90	0.00	0.049	203.50	0.00
39.00	0.00	0.049	203.50	0.00
39.10	0.00	0.049	203.50	0.00
39.20	0.00	0.049	203.50	0.00
39.30	0.00	0.049	203.50	0.00
39.40	0.00	0.049	203.50	0.00
39.50	0.00	0.049	203.50	0.00
39.60	0.00	0.049	203.50	0.00
39.70	0.00	0.049	203.50	0.00
39.80	0.00	0.049	203.50	0.00
39.90	0.00	0.049	203.50	0.00
40.00	0.00	0.049	203.50	0.00

Stage-Discharge for Pond 1P: Porous Pavement

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.00	203.56	0.05
202.01	0.00	202.53	0.00	203.05	0.00	203.57	0.06
202.02	0.00	202.54	0.00	203.06	0.00	203.58	0.07
202.03	0.00	202.55	0.00	203.07	0.00	203.59	0.09
202.04	0.00	202.56	0.00	203.08	0.00	203.60	0.10
202.05	0.00	202.57	0.00	203.09	0.00	203.61	0.12
202.06	0.00	202.58	0.00	203.10	0.00	203.62	0.13
202.07	0.00	202.59	0.00	203.11	0.00	203.63	0.15
202.08	0.00	202.60	0.00	203.12	0.00	203.64	0.17
202.09	0.00	202.61	0.00	203.13	0.00	203.65	0.19
202.10	0.00	202.62	0.00	203.14	0.00	203.66	0.21
202.11	0.00	202.63	0.00	203.15	0.00	203.67	0.22
202.12	0.00	202.64	0.00	203.16	0.00	203.68	0.25
202.13	0.00	202.65	0.00	203.17	0.00	203.69	0.27
202.14	0.00	202.66	0.00	203.18	0.00	203.70	0.29
202.15	0.00	202.67	0.00	203.19	0.00	203.71	0.31
202.16	0.00	202.68	0.00	203.20	0.00	203.72	0.33
202.17	0.00	202.69	0.00	203.21	0.00	203.73	0.35
202.18	0.00	202.70	0.00	203.22	0.00	203.74	0.38
202.19	0.00	202.71	0.00	203.23	0.00	203.75	0.40
202.20	0.00	202.72	0.00	203.24	0.00	203.76	0.43
202.21	0.00	202.73	0.00	203.25	0.00	203.77	0.45
202.22	0.00	202.74	0.00	203.26	0.00	203.78	0.48
202.23	0.00	202.75	0.00	203.27	0.00	203.79	0.50
202.24	0.00	202.76	0.00	203.28	0.00	203.80	0.53
202.25	0.00	202.77	0.00	203.29	0.00	203.81	0.55
202.26	0.00	202.78	0.00	203.30	0.00	203.82	0.58
202.27	0.00	202.79	0.00	203.31	0.00	203.83	0.61
202.28	0.00	202.80	0.00	203.32	0.00	203.84	0.64
202.29	0.00	202.81	0.00	203.33	0.00	203.85	0.66
202.30	0.00	202.82	0.00	203.34	0.00	203.86	0.69
202.31	0.00	202.83	0.00	203.35	0.00	203.87	0.72
202.32	0.00	202.84	0.00	203.36	0.00	203.88	0.75
202.33	0.00	202.85	0.00	203.37	0.00	203.89	0.78
202.34	0.00	202.86	0.00	203.38	0.00	203.90	0.81
202.35	0.00	202.87	0.00	203.39	0.00	203.91	0.84
202.36	0.00	202.88	0.00	203.40	0.00	203.92	0.87
202.37	0.00	202.89	0.00	203.41	0.00	203.93	0.91
202.38	0.00	202.90	0.00	203.42	0.00	203.94	0.94
202.39	0.00	202.91	0.00	203.43	0.00	203.95	0.97
202.40	0.00	202.92	0.00	203.44	0.00	203.96	1.00
202.41	0.00	202.93	0.00	203.45	0.00	203.97	1.03
202.42	0.00	202.94	0.00	203.46	0.00	203.98	1.07
202.43	0.00	202.95	0.00	203.47	0.00	203.99	1.10
202.44	0.00	202.96	0.00	203.48	0.00	204.00	1.13
202.45	0.00	202.97	0.00	203.49	0.00	204.01	1.17
202.46	0.00	202.98	0.00	203.50	0.00	204.02	1.19
202.47	0.00	202.99	0.00	203.51	0.00	204.03	1.22
202.48	0.00	203.00	0.00	203.52	0.01	204.04	1.25
202.49	0.00	203.01	0.00	203.53	0.02	204.05	1.27
202.50	0.00	203.02	0.00	203.54	0.03	204.06	1.30
202.51	0.00	203.03	0.00	203.55	0.04	204.07	1.32

Stage-Discharge for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.35	204.60	2.21	205.12	2.81	205.64	3.31
204.09	1.37	204.61	2.22	205.13	2.82	205.65	3.32
204.10	1.39	204.62	2.24	205.14	2.83	205.66	3.32
204.11	1.41	204.63	2.25	205.15	2.84	205.67	3.33
204.12	1.43	204.64	2.26	205.16	2.85	205.68	3.34
204.13	1.45	204.65	2.28	205.17	2.87	205.69	3.35
204.14	1.48	204.66	2.29	205.18	2.88	205.70	3.36
204.15	1.50	204.67	2.30	205.19	2.89	205.71	3.37
204.16	1.52	204.68	2.31	205.20	2.90	205.72	3.38
204.17	1.54	204.69	2.33	205.21	2.91	205.73	3.39
204.18	1.55	204.70	2.34	205.22	2.92	205.74	3.39
204.19	1.57	204.71	2.35	205.23	2.93	205.75	3.40
204.20	1.59	204.72	2.36	205.24	2.94	205.76	3.41
204.21	1.61	204.73	2.38	205.25	2.95	205.77	3.42
204.22	1.63	204.74	2.39	205.26	2.95	205.78	3.43
204.23	1.65	204.75	2.40	205.27	2.96	205.79	3.44
204.24	1.67	204.76	2.41	205.28	2.97	205.80	3.44
204.25	1.68	204.77	2.43	205.29	2.98	205.81	3.45
204.26	1.70	204.78	2.44	205.30	2.99	205.82	3.46
204.27	1.72	204.79	2.45	205.31	3.00	205.83	3.47
204.28	1.74	204.80	2.46	205.32	3.01	205.84	3.48
204.29	1.75	204.81	2.47	205.33	3.02	205.85	3.49
204.30	1.77	204.82	2.48	205.34	3.03	205.86	3.50
204.31	1.79	204.83	2.50	205.35	3.04	205.87	3.50
204.32	1.80	204.84	2.51	205.36	3.05	205.88	3.51
204.33	1.82	204.85	2.52	205.37	3.06	205.89	3.52
204.34	1.83	204.86	2.53	205.38	3.07	205.90	3.53
204.35	1.85	204.87	2.54	205.39	3.08	205.91	3.54
204.36	1.87	204.88	2.55	205.40	3.09	205.92	3.54
204.37	1.88	204.89	2.57	205.41	3.10	205.93	3.55
204.38	1.90	204.90	2.58	205.42	3.11	205.94	3.56
204.39	1.91	204.91	2.59	205.43	3.12	205.95	3.57
204.40	1.93	204.92	2.60	205.44	3.13	205.96	3.58
204.41	1.94	204.93	2.61	205.45	3.14	205.97	3.59
204.42	1.96	204.94	2.62	205.46	3.15	205.98	3.59
204.43	1.97	204.95	2.63	205.47	3.15	205.99	3.60
204.44	1.99	204.96	2.64	205.48	3.16	206.00	3.61
204.45	2.00	204.97	2.65	205.49	3.17	206.01	3.62
204.46	2.02	204.98	2.67	205.50	3.18	206.02	3.63
204.47	2.03	204.99	2.68	205.51	3.19	206.03	3.63
204.48	2.05	205.00	2.69	205.52	3.20	206.04	3.64
204.49	2.06	205.01	2.70	205.53	3.21	206.05	3.65
204.50	2.08	205.02	2.71	205.54	3.22	206.06	3.66
204.51	2.09	205.03	2.72	205.55	3.23	206.07	3.67
204.52	2.10	205.04	2.73	205.56	3.24	206.08	3.67
204.53	2.12	205.05	2.74	205.57	3.25	206.09	3.68
204.54	2.13	205.06	2.75	205.58	3.25	206.10	3.69
204.55	2.14	205.07	2.76	205.59	3.26	206.11	3.70
204.56	2.16	205.08	2.77	205.60	3.27	206.12	3.70
204.57	2.17	205.09	2.78	205.61	3.28	206.13	3.71
204.58	2.18	205.10	2.79	205.62	3.29	206.14	3.72
204.59	2.20	205.11	2.80	205.63	3.30	206.15	3.73

Stage-Discharge for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Primary (cfs)
206.16	3.74
206.17	3.74
206.18	3.75
206.19	3.76
206.20	3.77
206.21	3.77
206.22	3.78
206.23	3.79
206.24	3.80
206.25	3.80
206.26	3.81
206.27	3.82
206.28	3.83
206.29	3.84
206.30	3.84
206.31	3.85
206.32	3.86
206.33	3.87
206.34	3.87
206.35	3.88
206.36	3.89
206.37	3.90
206.38	3.90
206.39	3.91
206.40	3.92
206.41	3.93
206.42	3.93
206.43	3.94
206.44	3.95
206.45	3.95
206.46	3.96
206.47	3.97
206.48	3.98
206.49	3.98
206.50	3.99

Stage-Area-Storage for Pond 1P: Porous Pavement

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
202.00	0.000	202.52	0.015	203.04	0.029
202.01	0.000	202.53	0.015	203.05	0.030
202.02	0.001	202.54	0.015	203.06	0.030
202.03	0.001	202.55	0.015	203.07	0.030
202.04	0.001	202.56	0.016	203.08	0.031
202.05	0.001	202.57	0.016	203.09	0.031
202.06	0.002	202.58	0.016	203.10	0.032
202.07	0.002	202.59	0.016	203.11	0.032
202.08	0.002	202.60	0.016	203.12	0.032
202.09	0.003	202.61	0.017	203.13	0.033
202.10	0.003	202.62	0.017	203.14	0.033
202.11	0.003	202.63	0.017	203.15	0.034
202.12	0.003	202.64	0.017	203.16	0.034
202.13	0.004	202.65	0.018	203.17	0.035
202.14	0.004	202.66	0.018	203.18	0.035
202.15	0.004	202.67	0.018	203.19	0.035
202.16	0.004	202.68	0.018	203.20	0.036
202.17	0.005	202.69	0.018	203.21	0.036
202.18	0.005	202.70	0.019	203.22	0.037
202.19	0.005	202.71	0.019	203.23	0.037
202.20	0.006	202.72	0.019	203.24	0.037
202.21	0.006	202.73	0.019	203.25	0.038
202.22	0.006	202.74	0.019	203.26	0.038
202.23	0.006	202.75	0.020	203.27	0.039
202.24	0.007	202.76	0.020	203.28	0.039
202.25	0.007	202.77	0.020	203.29	0.040
202.26	0.007	202.78	0.020	203.30	0.040
202.27	0.008	202.79	0.021	203.31	0.040
202.28	0.008	202.80	0.021	203.32	0.041
202.29	0.008	202.81	0.021	203.33	0.041
202.30	0.008	202.82	0.022	203.34	0.042
202.31	0.009	202.83	0.022	203.35	0.042
202.32	0.009	202.84	0.022	203.36	0.043
202.33	0.009	202.85	0.023	203.37	0.043
202.34	0.010	202.86	0.023	203.38	0.044
202.35	0.010	202.87	0.023	203.39	0.044
202.36	0.010	202.88	0.023	203.40	0.044
202.37	0.010	202.89	0.024	203.41	0.045
202.38	0.011	202.90	0.024	203.42	0.045
202.39	0.011	202.91	0.025	203.43	0.046
202.40	0.011	202.92	0.025	203.44	0.046
202.41	0.012	202.93	0.025	203.45	0.047
202.42	0.012	202.94	0.026	203.46	0.047
202.43	0.012	202.95	0.026	203.47	0.048
202.44	0.012	202.96	0.026	203.48	0.048
202.45	0.013	202.97	0.027	203.49	0.049
202.46	0.013	202.98	0.027	203.50	0.049
202.47	0.013	202.99	0.027	203.51	0.049
202.48	0.013	203.00	0.028	203.52	0.050
202.49	0.014	203.01	0.028	203.53	0.050
202.50	0.014	203.02	0.029	203.54	0.051
202.51	0.014	203.03	0.029	203.55	0.051

Stage-Area-Storage for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
203.56	0.052	204.08	0.077	204.60	0.102
203.57	0.052	204.09	0.077	204.61	0.103
203.58	0.053	204.10	0.078	204.62	0.103
203.59	0.053	204.11	0.078	204.63	0.104
203.60	0.054	204.12	0.079	204.64	0.104
203.61	0.054	204.13	0.079	204.65	0.105
203.62	0.055	204.14	0.080	204.66	0.105
203.63	0.055	204.15	0.080	204.67	0.106
203.64	0.056	204.16	0.081	204.68	0.106
203.65	0.056	204.17	0.081	204.69	0.107
203.66	0.056	204.18	0.082	204.70	0.107
203.67	0.057	204.19	0.082	204.71	0.108
203.68	0.057	204.20	0.083	204.72	0.108
203.69	0.058	204.21	0.083	204.73	0.109
203.70	0.058	204.22	0.084	204.74	0.109
203.71	0.059	204.23	0.084	204.75	0.110
203.72	0.059	204.24	0.085	204.76	0.110
203.73	0.060	204.25	0.085	204.77	0.111
203.74	0.060	204.26	0.086	204.78	0.111
203.75	0.061	204.27	0.086	204.79	0.112
203.76	0.061	204.28	0.087	204.80	0.112
203.77	0.062	204.29	0.087	204.81	0.112
203.78	0.062	204.30	0.088	204.82	0.113
203.79	0.063	204.31	0.088	204.83	0.113
203.80	0.063	204.32	0.089	204.84	0.114
203.81	0.064	204.33	0.089	204.85	0.114
203.82	0.064	204.34	0.090	204.86	0.115
203.83	0.065	204.35	0.090	204.87	0.115
203.84	0.065	204.36	0.091	204.88	0.116
203.85	0.066	204.37	0.091	204.89	0.116
203.86	0.066	204.38	0.092	204.90	0.117
203.87	0.067	204.39	0.092	204.91	0.117
203.88	0.067	204.40	0.093	204.92	0.118
203.89	0.067	204.41	0.093	204.93	0.118
203.90	0.068	204.42	0.094	204.94	0.119
203.91	0.068	204.43	0.094	204.95	0.119
203.92	0.069	204.44	0.095	204.96	0.120
203.93	0.069	204.45	0.095	204.97	0.120
203.94	0.070	204.46	0.096	204.98	0.120
203.95	0.070	204.47	0.096	204.99	0.121
203.96	0.071	204.48	0.096	205.00	0.121
203.97	0.071	204.49	0.097	205.01	0.122
203.98	0.072	204.50	0.097	205.02	0.122
203.99	0.072	204.51	0.098	205.03	0.123
204.00	0.073	204.52	0.098	205.04	0.123
204.01	0.073	204.53	0.099	205.05	0.124
204.02	0.074	204.54	0.099	205.06	0.124
204.03	0.074	204.55	0.100	205.07	0.125
204.04	0.075	204.56	0.100	205.08	0.125
204.05	0.075	204.57	0.101	205.09	0.125
204.06	0.076	204.58	0.101	205.10	0.126
204.07	0.076	204.59	0.102	205.11	0.126

Stage-Area-Storage for Pond 1P: Porous Pavement (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
205.12	0.127	205.64	0.148	206.16	0.161
205.13	0.127	205.65	0.148	206.17	0.161
205.14	0.128	205.66	0.148	206.18	0.161
205.15	0.128	205.67	0.148	206.19	0.162
205.16	0.129	205.68	0.149	206.20	0.162
205.17	0.129	205.69	0.149	206.21	0.162
205.18	0.129	205.70	0.149	206.22	0.162
205.19	0.130	205.71	0.150	206.23	0.163
205.20	0.130	205.72	0.150	206.24	0.163
205.21	0.131	205.73	0.150	206.25	0.163
205.22	0.131	205.74	0.150	206.26	0.164
205.23	0.132	205.75	0.151	206.27	0.164
205.24	0.132	205.76	0.151	206.28	0.164
205.25	0.132	205.77	0.151	206.29	0.164
205.26	0.133	205.78	0.151	206.30	0.165
205.27	0.133	205.79	0.151	206.31	0.165
205.28	0.134	205.80	0.152	206.32	0.165
205.29	0.134	205.81	0.152	206.33	0.166
205.30	0.135	205.82	0.152	206.34	0.166
205.31	0.135	205.83	0.152	206.35	0.166
205.32	0.135	205.84	0.153	206.36	0.166
205.33	0.136	205.85	0.153	206.37	0.167
205.34	0.136	205.86	0.153	206.38	0.167
205.35	0.137	205.87	0.153	206.39	0.167
205.36	0.137	205.88	0.153	206.40	0.168
205.37	0.137	205.89	0.154	206.41	0.168
205.38	0.138	205.90	0.154	206.42	0.168
205.39	0.138	205.91	0.154	206.43	0.168
205.40	0.139	205.92	0.154	206.44	0.169
205.41	0.139	205.93	0.155	206.45	0.169
205.42	0.139	205.94	0.155	206.46	0.169
205.43	0.140	205.95	0.155	206.47	0.169
205.44	0.140	205.96	0.155	206.48	0.170
205.45	0.141	205.97	0.156	206.49	0.170
205.46	0.141	205.98	0.156	206.50	0.170
205.47	0.141	205.99	0.156		
205.48	0.142	206.00	0.156		
205.49	0.142	206.01	0.157		
205.50	0.143	206.02	0.157		
205.51	0.143	206.03	0.157		
205.52	0.143	206.04	0.157		
205.53	0.144	206.05	0.158		
205.54	0.144	206.06	0.158		
205.55	0.144	206.07	0.158		
205.56	0.145	206.08	0.159		
205.57	0.145	206.09	0.159		
205.58	0.145	206.10	0.159		
205.59	0.146	206.11	0.159		
205.60	0.146	206.12	0.160		
205.61	0.147	206.13	0.160		
205.62	0.147	206.14	0.160		
205.63	0.147	206.15	0.161		

Summary for Pond 2P: Underground Storage

Inflow Area = 0.934 ac, 58.57% Impervious, Inflow Depth = 9.52" for Future 100 yr event
 Inflow = 10.83 cfs @ 12.08 hrs, Volume= 0.741 af
 Outflow = 2.90 cfs @ 12.30 hrs, Volume= 0.705 af, Atten= 73%, Lag= 13.0 min
 Primary = 2.90 cfs @ 12.30 hrs, Volume= 0.705 af
 Routed to Pond B-36A : Basin #36A

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 203.53' @ 12.30 hrs Surf.Area= 5,499 sf Storage= 9,963 cf

Plug-Flow detention time= 90.1 min calculated for 0.705 af (95% of inflow)
 Center-of-Mass det. time= 60.8 min (818.4 - 757.7)

Volume	Invert	Avail.Storage	Storage Description
#1	199.00'	10,998 cf	Custom Stage Data (Prismatic) Listed below (Recalc) 27,495 cf Overall x 40.0% Voids

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
199.00	5,499	0	0
200.00	5,499	5,499	5,499
201.00	5,499	5,499	10,998
202.00	5,499	5,499	16,497
203.00	5,499	5,499	21,996
204.00	5,499	5,499	27,495

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	15.0" Round Culvert L= 55.0' Ke= 1.000 Inlet / Outlet Invert= 195.00' / 191.00' S= 0.0727 ' S= 0.0727 ' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.23 sf
#2	Device 1	199.71'	11.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

Primary OutFlow Max=2.87 cfs @ 12.30 hrs HW=203.53' (Free Discharge)

1=Culvert (Passes 2.87 cfs of 12.46 cfs potential flow)

2=Orifice/Grate (Orifice Controls 2.81 cfs @ 9.20 fps)

3=Sharp-Crested Rectangular Weir (Weir Controls 0.06 cfs @ 0.55 fps)

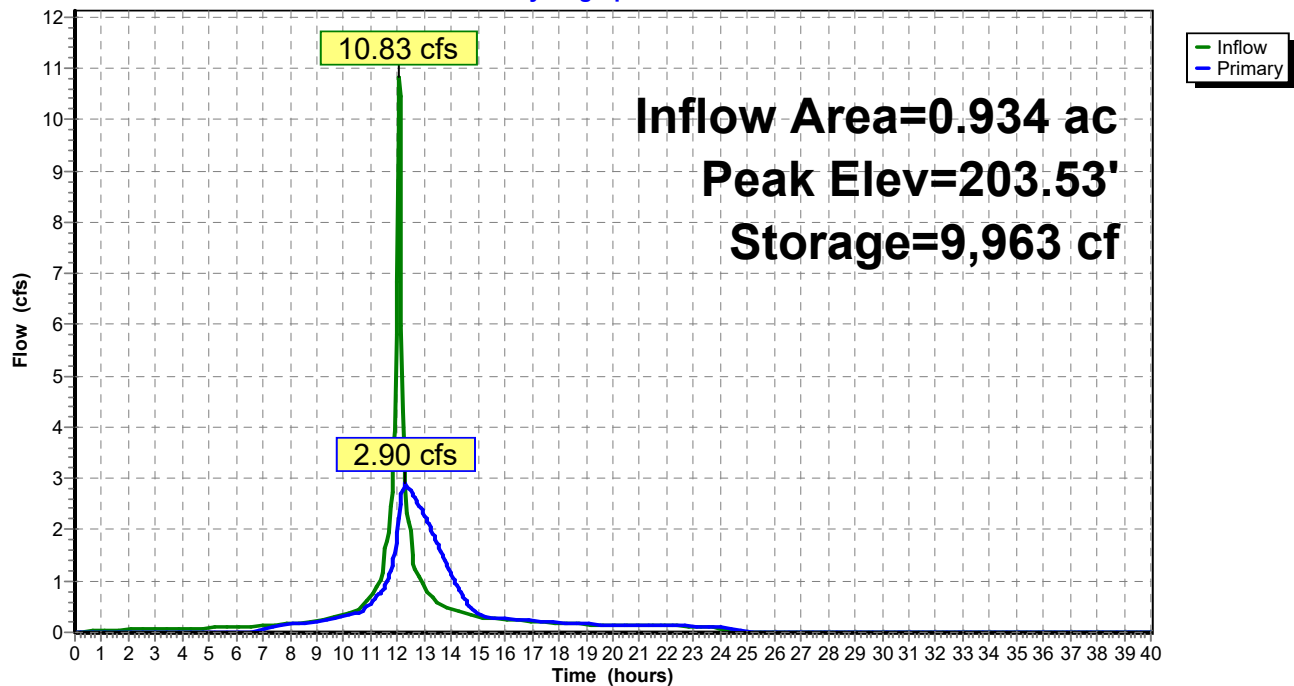
Sharp-Crested Rectangular Weir
 Pond 2P: Underground Storage

Culvert



Pond 2P: Underground Storage

Hydrograph



Hydrograph for Pond 2P: Underground Storage

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	199.00	0.00
0.10	0.00	0	199.00	0.00
0.20	0.00	0	199.00	0.00
0.30	0.00	0	199.00	0.00
0.40	0.00	0	199.00	0.00
0.50	0.01	3	199.00	0.00
0.60	0.02	7	199.00	0.00
0.70	0.02	14	199.01	0.00
0.80	0.02	22	199.01	0.00
0.90	0.03	31	199.01	0.00
1.00	0.03	42	199.02	0.00
1.10	0.04	54	199.02	0.00
1.20	0.04	68	199.03	0.00
1.30	0.04	82	199.04	0.00
1.40	0.04	97	199.04	0.00
1.50	0.05	113	199.05	0.00
1.60	0.05	130	199.06	0.00
1.70	0.05	148	199.07	0.00
1.80	0.05	166	199.08	0.00
1.90	0.05	186	199.08	0.00
2.00	0.06	205	199.09	0.00
2.10	0.06	226	199.10	0.00
2.20	0.06	247	199.11	0.00
2.30	0.06	268	199.12	0.00
2.40	0.06	290	199.13	0.00
2.50	0.06	312	199.14	0.00
2.60	0.06	335	199.15	0.00
2.70	0.07	359	199.16	0.00
2.80	0.07	383	199.17	0.00
2.90	0.07	407	199.18	0.00
3.00	0.07	431	199.20	0.00
3.10	0.07	456	199.21	0.00
3.20	0.07	482	199.22	0.00
3.30	0.07	508	199.23	0.00
3.40	0.07	534	199.24	0.00
3.50	0.07	560	199.25	0.00
3.60	0.07	587	199.27	0.00
3.70	0.08	614	199.28	0.00
3.80	0.08	642	199.29	0.00
3.90	0.08	670	199.30	0.00
4.00	0.08	698	199.32	0.00
4.10	0.08	726	199.33	0.00
4.20	0.08	755	199.34	0.00
4.30	0.08	785	199.36	0.00
4.40	0.08	814	199.37	0.00
4.50	0.08	844	199.38	0.00
4.60	0.08	874	199.40	0.00
4.70	0.08	904	199.41	0.00
4.80	0.09	935	199.42	0.00
4.90	0.09	966	199.44	0.00
5.00	0.09	997	199.45	0.00
5.10	0.09	1,028	199.47	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	1,060	199.48	0.00
5.30	0.09	1,092	199.50	0.00
5.40	0.09	1,125	199.51	0.00
5.50	0.09	1,159	199.53	0.00
5.60	0.09	1,193	199.54	0.00
5.70	0.10	1,227	199.56	0.00
5.80	0.10	1,262	199.57	0.00
5.90	0.10	1,297	199.59	0.00
6.00	0.10	1,333	199.61	0.00
6.10	0.10	1,370	199.62	0.00
6.20	0.11	1,408	199.64	0.00
6.30	0.11	1,447	199.66	0.00
6.40	0.11	1,488	199.68	0.00
6.50	0.12	1,529	199.70	0.00
6.60	0.12	1,572	199.71	0.00
6.70	0.12	1,613	199.73	0.01
6.80	0.13	1,652	199.75	0.02
6.90	0.13	1,686	199.77	0.04
7.00	0.13	1,716	199.78	0.06
7.10	0.14	1,742	199.79	0.07
7.20	0.14	1,765	199.80	0.08
7.30	0.15	1,785	199.81	0.10
7.40	0.15	1,801	199.82	0.11
7.50	0.15	1,815	199.83	0.12
7.60	0.16	1,827	199.83	0.13
7.70	0.16	1,838	199.84	0.13
7.80	0.16	1,848	199.84	0.14
7.90	0.17	1,856	199.84	0.15
8.00	0.17	1,865	199.85	0.15
8.10	0.18	1,872	199.85	0.16
8.20	0.18	1,879	199.85	0.16
8.30	0.18	1,885	199.86	0.17
8.40	0.19	1,891	199.86	0.17
8.50	0.19	1,897	199.86	0.18
8.60	0.20	1,903	199.87	0.18
8.70	0.20	1,908	199.87	0.19
8.80	0.20	1,914	199.87	0.19
8.90	0.21	1,919	199.87	0.19
9.00	0.21	1,924	199.87	0.20
9.10	0.23	1,931	199.88	0.20
9.20	0.24	1,940	199.88	0.21
9.30	0.25	1,951	199.89	0.22
9.40	0.26	1,963	199.89	0.23
9.50	0.28	1,976	199.90	0.24
9.60	0.29	1,990	199.90	0.25
9.70	0.30	2,004	199.91	0.27
9.80	0.32	2,019	199.92	0.28
9.90	0.33	2,033	199.92	0.29
10.00	0.35	2,048	199.93	0.31
10.10	0.36	2,062	199.94	0.32
10.20	0.38	2,077	199.94	0.33
10.30	0.39	2,092	199.95	0.35

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.40	2,107	199.96	0.36
10.50	0.42	2,122	199.96	0.38
10.60	0.47	2,144	199.97	0.40
10.70	0.52	2,174	199.99	0.43
10.80	0.57	2,211	200.00	0.47
10.90	0.63	2,251	200.02	0.52
11.00	0.68	2,293	200.04	0.56
11.10	0.78	2,348	200.07	0.61
11.20	0.88	2,418	200.10	0.68
11.30	0.98	2,502	200.14	0.74
11.40	1.08	2,599	200.18	0.80
11.50	1.21	2,710	200.23	0.87
11.60	1.79	2,943	200.34	0.99
11.70	1.98	3,240	200.47	1.13
11.80	2.73	3,672	200.67	1.31
11.90	3.94	4,382	200.99	1.55
12.00	6.82	5,772	201.62	1.94
12.10	10.45	8,311	202.78	2.51
12.20	4.29	9,753	203.43	2.77
12.30	2.89	9,963	203.53	2.90
12.40	2.14	9,815	203.46	2.79
12.50	1.96	9,556	203.34	2.74
12.60	1.33	9,147	203.16	2.67
12.70	1.21	8,657	202.94	2.57
12.80	1.11	8,162	202.71	2.48
12.90	1.00	7,665	202.48	2.38
13.00	0.89	7,166	202.26	2.27
13.10	0.79	6,669	202.03	2.16
13.20	0.73	6,185	201.81	2.05
13.30	0.68	5,720	201.60	1.93
13.40	0.62	5,277	201.40	1.81
13.50	0.56	4,856	201.21	1.70
13.60	0.51	4,457	201.03	1.58
13.70	0.49	4,090	200.86	1.46
13.80	0.48	3,760	200.71	1.34
13.90	0.46	3,466	200.58	1.23
14.00	0.45	3,207	200.46	1.12
14.10	0.43	2,981	200.36	1.01
14.20	0.42	2,787	200.27	0.91
14.30	0.40	2,622	200.19	0.82
14.40	0.39	2,486	200.13	0.72
14.50	0.37	2,376	200.08	0.64
14.60	0.36	2,291	200.04	0.56
14.70	0.34	2,227	200.01	0.49
14.80	0.33	2,180	199.99	0.44
14.90	0.31	2,143	199.97	0.40
15.00	0.30	2,113	199.96	0.37
15.10	0.28	2,088	199.95	0.34
15.20	0.28	2,068	199.94	0.33
15.30	0.27	2,052	199.93	0.31
15.40	0.27	2,040	199.93	0.30
15.50	0.27	2,030	199.92	0.29

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	2,022	199.92	0.28
15.70	0.26	2,014	199.92	0.28
15.80	0.25	2,008	199.91	0.27
15.90	0.25	2,002	199.91	0.26
16.00	0.25	1,997	199.91	0.26
16.10	0.24	1,992	199.91	0.26
16.20	0.24	1,987	199.90	0.25
16.30	0.23	1,982	199.90	0.25
16.40	0.23	1,978	199.90	0.24
16.50	0.23	1,973	199.90	0.24
16.60	0.22	1,969	199.89	0.23
16.70	0.22	1,964	199.89	0.23
16.80	0.21	1,959	199.89	0.23
16.90	0.21	1,954	199.89	0.22
17.00	0.21	1,950	199.89	0.22
17.10	0.20	1,945	199.88	0.22
17.20	0.20	1,940	199.88	0.21
17.30	0.19	1,935	199.88	0.21
17.40	0.19	1,930	199.88	0.20
17.50	0.19	1,925	199.88	0.20
17.60	0.18	1,920	199.87	0.20
17.70	0.18	1,915	199.87	0.19
17.80	0.17	1,911	199.87	0.19
17.90	0.17	1,906	199.87	0.18
18.00	0.17	1,901	199.86	0.18
18.10	0.16	1,896	199.86	0.18
18.20	0.16	1,892	199.86	0.17
18.30	0.16	1,888	199.86	0.17
18.40	0.16	1,885	199.86	0.17
18.50	0.16	1,883	199.86	0.16
18.60	0.16	1,880	199.85	0.16
18.70	0.16	1,878	199.85	0.16
18.80	0.16	1,877	199.85	0.16
18.90	0.15	1,875	199.85	0.16
19.00	0.15	1,874	199.85	0.16
19.10	0.15	1,872	199.85	0.16
19.20	0.15	1,871	199.85	0.16
19.30	0.15	1,869	199.85	0.15
19.40	0.15	1,868	199.85	0.15
19.50	0.15	1,867	199.85	0.15
19.60	0.15	1,865	199.85	0.15
19.70	0.15	1,864	199.85	0.15
19.80	0.15	1,863	199.85	0.15
19.90	0.14	1,861	199.85	0.15
20.00	0.14	1,860	199.85	0.15
20.10	0.14	1,858	199.84	0.15
20.20	0.14	1,857	199.84	0.15
20.30	0.14	1,855	199.84	0.14
20.40	0.14	1,854	199.84	0.14
20.50	0.14	1,852	199.84	0.14
20.60	0.14	1,851	199.84	0.14
20.70	0.14	1,850	199.84	0.14

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	1,848	199.84	0.14
20.90	0.13	1,847	199.84	0.14
21.00	0.13	1,845	199.84	0.14
21.10	0.13	1,844	199.84	0.14
21.20	0.13	1,842	199.84	0.14
21.30	0.13	1,841	199.84	0.13
21.40	0.13	1,839	199.84	0.13
21.50	0.13	1,838	199.84	0.13
21.60	0.13	1,836	199.83	0.13
21.70	0.13	1,835	199.83	0.13
21.80	0.13	1,833	199.83	0.13
21.90	0.12	1,832	199.83	0.13
22.00	0.12	1,830	199.83	0.13
22.10	0.12	1,829	199.83	0.13
22.20	0.12	1,828	199.83	0.13
22.30	0.12	1,826	199.83	0.12
22.40	0.12	1,825	199.83	0.12
22.50	0.12	1,823	199.83	0.12
22.60	0.12	1,822	199.83	0.12
22.70	0.12	1,820	199.83	0.12
22.80	0.12	1,819	199.83	0.12
22.90	0.11	1,817	199.83	0.12
23.00	0.11	1,816	199.83	0.12
23.10	0.11	1,814	199.82	0.12
23.20	0.11	1,813	199.82	0.12
23.30	0.11	1,811	199.82	0.11
23.40	0.11	1,810	199.82	0.11
23.50	0.11	1,808	199.82	0.11
23.60	0.11	1,807	199.82	0.11
23.70	0.11	1,805	199.82	0.11
23.80	0.11	1,804	199.82	0.11
23.90	0.11	1,803	199.82	0.11
24.00	0.12	1,805	199.82	0.11
24.10	0.01	1,786	199.81	0.10
24.20	0.00	1,755	199.80	0.08
24.30	0.00	1,730	199.79	0.06
24.40	0.00	1,709	199.78	0.05
24.50	0.00	1,691	199.77	0.04
24.60	0.00	1,676	199.76	0.04
24.70	0.00	1,664	199.76	0.03
24.80	0.00	1,654	199.75	0.03
24.90	0.00	1,645	199.75	0.02
25.00	0.00	1,638	199.74	0.02
25.10	0.00	1,631	199.74	0.02
25.20	0.00	1,624	199.74	0.02
25.30	0.00	1,619	199.74	0.02
25.40	0.00	1,613	199.73	0.01
25.50	0.00	1,609	199.73	0.01
25.60	0.00	1,604	199.73	0.01
25.70	0.00	1,600	199.73	0.01
25.80	0.00	1,597	199.73	0.01
25.90	0.00	1,594	199.72	0.01

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,591	199.72	0.01
26.10	0.00	1,588	199.72	0.01
26.20	0.00	1,586	199.72	0.01
26.30	0.00	1,583	199.72	0.01
26.40	0.00	1,581	199.72	0.01
26.50	0.00	1,580	199.72	0.00
26.60	0.00	1,578	199.72	0.00
26.70	0.00	1,577	199.72	0.00
26.80	0.00	1,575	199.72	0.00
26.90	0.00	1,574	199.72	0.00
27.00	0.00	1,573	199.72	0.00
27.10	0.00	1,572	199.71	0.00
27.20	0.00	1,571	199.71	0.00
27.30	0.00	1,570	199.71	0.00
27.40	0.00	1,569	199.71	0.00
27.50	0.00	1,569	199.71	0.00
27.60	0.00	1,568	199.71	0.00
27.70	0.00	1,567	199.71	0.00
27.80	0.00	1,567	199.71	0.00
27.90	0.00	1,566	199.71	0.00
28.00	0.00	1,566	199.71	0.00
28.10	0.00	1,566	199.71	0.00
28.20	0.00	1,565	199.71	0.00
28.30	0.00	1,565	199.71	0.00
28.40	0.00	1,565	199.71	0.00
28.50	0.00	1,564	199.71	0.00
28.60	0.00	1,564	199.71	0.00
28.70	0.00	1,564	199.71	0.00
28.80	0.00	1,564	199.71	0.00
28.90	0.00	1,563	199.71	0.00
29.00	0.00	1,563	199.71	0.00
29.10	0.00	1,563	199.71	0.00
29.20	0.00	1,563	199.71	0.00
29.30	0.00	1,563	199.71	0.00
29.40	0.00	1,563	199.71	0.00
29.50	0.00	1,563	199.71	0.00
29.60	0.00	1,563	199.71	0.00
29.70	0.00	1,563	199.71	0.00
29.80	0.00	1,562	199.71	0.00
29.90	0.00	1,562	199.71	0.00
30.00	0.00	1,562	199.71	0.00
30.10	0.00	1,562	199.71	0.00
30.20	0.00	1,562	199.71	0.00
30.30	0.00	1,562	199.71	0.00
30.40	0.00	1,562	199.71	0.00
30.50	0.00	1,562	199.71	0.00
30.60	0.00	1,562	199.71	0.00
30.70	0.00	1,562	199.71	0.00
30.80	0.00	1,562	199.71	0.00
30.90	0.00	1,562	199.71	0.00
31.00	0.00	1,562	199.71	0.00
31.10	0.00	1,562	199.71	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,562	199.71	0.00
31.30	0.00	1,562	199.71	0.00
31.40	0.00	1,562	199.71	0.00
31.50	0.00	1,562	199.71	0.00
31.60	0.00	1,562	199.71	0.00
31.70	0.00	1,562	199.71	0.00
31.80	0.00	1,562	199.71	0.00
31.90	0.00	1,562	199.71	0.00
32.00	0.00	1,562	199.71	0.00
32.10	0.00	1,562	199.71	0.00
32.20	0.00	1,562	199.71	0.00
32.30	0.00	1,562	199.71	0.00
32.40	0.00	1,562	199.71	0.00
32.50	0.00	1,562	199.71	0.00
32.60	0.00	1,562	199.71	0.00
32.70	0.00	1,562	199.71	0.00
32.80	0.00	1,562	199.71	0.00
32.90	0.00	1,562	199.71	0.00
33.00	0.00	1,562	199.71	0.00
33.10	0.00	1,562	199.71	0.00
33.20	0.00	1,562	199.71	0.00
33.30	0.00	1,562	199.71	0.00
33.40	0.00	1,562	199.71	0.00
33.50	0.00	1,562	199.71	0.00
33.60	0.00	1,562	199.71	0.00
33.70	0.00	1,562	199.71	0.00
33.80	0.00	1,562	199.71	0.00
33.90	0.00	1,562	199.71	0.00
34.00	0.00	1,562	199.71	0.00
34.10	0.00	1,562	199.71	0.00
34.20	0.00	1,562	199.71	0.00
34.30	0.00	1,562	199.71	0.00
34.40	0.00	1,562	199.71	0.00
34.50	0.00	1,562	199.71	0.00
34.60	0.00	1,562	199.71	0.00
34.70	0.00	1,562	199.71	0.00
34.80	0.00	1,562	199.71	0.00
34.90	0.00	1,562	199.71	0.00
35.00	0.00	1,562	199.71	0.00
35.10	0.00	1,562	199.71	0.00
35.20	0.00	1,562	199.71	0.00
35.30	0.00	1,562	199.71	0.00
35.40	0.00	1,562	199.71	0.00
35.50	0.00	1,562	199.71	0.00
35.60	0.00	1,562	199.71	0.00
35.70	0.00	1,562	199.71	0.00
35.80	0.00	1,562	199.71	0.00
35.90	0.00	1,562	199.71	0.00
36.00	0.00	1,562	199.71	0.00
36.10	0.00	1,562	199.71	0.00
36.20	0.00	1,562	199.71	0.00
36.30	0.00	1,562	199.71	0.00

Hydrograph for Pond 2P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,562	199.71	0.00
36.50	0.00	1,562	199.71	0.00
36.60	0.00	1,562	199.71	0.00
36.70	0.00	1,562	199.71	0.00
36.80	0.00	1,562	199.71	0.00
36.90	0.00	1,562	199.71	0.00
37.00	0.00	1,562	199.71	0.00
37.10	0.00	1,562	199.71	0.00
37.20	0.00	1,562	199.71	0.00
37.30	0.00	1,562	199.71	0.00
37.40	0.00	1,562	199.71	0.00
37.50	0.00	1,562	199.71	0.00
37.60	0.00	1,562	199.71	0.00
37.70	0.00	1,562	199.71	0.00
37.80	0.00	1,562	199.71	0.00
37.90	0.00	1,562	199.71	0.00
38.00	0.00	1,562	199.71	0.00
38.10	0.00	1,562	199.71	0.00
38.20	0.00	1,562	199.71	0.00
38.30	0.00	1,562	199.71	0.00
38.40	0.00	1,562	199.71	0.00
38.50	0.00	1,562	199.71	0.00
38.60	0.00	1,562	199.71	0.00
38.70	0.00	1,562	199.71	0.00
38.80	0.00	1,562	199.71	0.00
38.90	0.00	1,562	199.71	0.00
39.00	0.00	1,562	199.71	0.00
39.10	0.00	1,562	199.71	0.00
39.20	0.00	1,562	199.71	0.00
39.30	0.00	1,562	199.71	0.00
39.40	0.00	1,562	199.71	0.00
39.50	0.00	1,562	199.71	0.00
39.60	0.00	1,562	199.71	0.00
39.70	0.00	1,562	199.71	0.00
39.80	0.00	1,562	199.71	0.00
39.90	0.00	1,562	199.71	0.00
40.00	0.00	1,562	199.71	0.00

Stage-Discharge for Pond 2P: Underground Storage

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
199.00	0.00	199.52	0.00	200.04	0.56	200.56	1.21
199.01	0.00	199.53	0.00	200.05	0.58	200.57	1.22
199.02	0.00	199.54	0.00	200.06	0.60	200.58	1.23
199.03	0.00	199.55	0.00	200.07	0.62	200.59	1.24
199.04	0.00	199.56	0.00	200.08	0.64	200.60	1.25
199.05	0.00	199.57	0.00	200.09	0.66	200.61	1.26
199.06	0.00	199.58	0.00	200.10	0.68	200.62	1.27
199.07	0.00	199.59	0.00	200.11	0.69	200.63	1.27
199.08	0.00	199.60	0.00	200.12	0.71	200.64	1.28
199.09	0.00	199.61	0.00	200.13	0.73	200.65	1.29
199.10	0.00	199.62	0.00	200.14	0.74	200.66	1.30
199.11	0.00	199.63	0.00	200.15	0.76	200.67	1.31
199.12	0.00	199.64	0.00	200.16	0.77	200.68	1.32
199.13	0.00	199.65	0.00	200.17	0.79	200.69	1.32
199.14	0.00	199.66	0.00	200.18	0.80	200.70	1.33
199.15	0.00	199.67	0.00	200.19	0.81	200.71	1.34
199.16	0.00	199.68	0.00	200.20	0.83	200.72	1.35
199.17	0.00	199.69	0.00	200.21	0.84	200.73	1.36
199.18	0.00	199.70	0.00	200.22	0.85	200.74	1.36
199.19	0.00	199.71	0.00	200.23	0.87	200.75	1.37
199.20	0.00	199.72	0.00	200.24	0.88	200.76	1.38
199.21	0.00	199.73	0.01	200.25	0.89	200.77	1.39
199.22	0.00	199.74	0.02	200.26	0.90	200.78	1.40
199.23	0.00	199.75	0.02	200.27	0.92	200.79	1.40
199.24	0.00	199.76	0.03	200.28	0.93	200.80	1.41
199.25	0.00	199.77	0.04	200.29	0.94	200.81	1.42
199.26	0.00	199.78	0.05	200.30	0.95	200.82	1.43
199.27	0.00	199.79	0.07	200.31	0.96	200.83	1.43
199.28	0.00	199.80	0.08	200.32	0.97	200.84	1.44
199.29	0.00	199.81	0.09	200.33	0.98	200.85	1.45
199.30	0.00	199.82	0.11	200.34	1.00	200.86	1.46
199.31	0.00	199.83	0.12	200.35	1.01	200.87	1.46
199.32	0.00	199.84	0.14	200.36	1.02	200.88	1.47
199.33	0.00	199.85	0.15	200.37	1.03	200.89	1.48
199.34	0.00	199.86	0.17	200.38	1.04	200.90	1.49
199.35	0.00	199.87	0.19	200.39	1.05	200.91	1.49
199.36	0.00	199.88	0.21	200.40	1.06	200.92	1.50
199.37	0.00	199.89	0.22	200.41	1.07	200.93	1.51
199.38	0.00	199.90	0.24	200.42	1.08	200.94	1.52
199.39	0.00	199.91	0.26	200.43	1.09	200.95	1.52
199.40	0.00	199.92	0.28	200.44	1.10	200.96	1.53
199.41	0.00	199.93	0.30	200.45	1.11	200.97	1.54
199.42	0.00	199.94	0.32	200.46	1.12	200.98	1.54
199.43	0.00	199.95	0.35	200.47	1.13	200.99	1.55
199.44	0.00	199.96	0.37	200.48	1.14	201.00	1.56
199.45	0.00	199.97	0.39	200.49	1.15	201.01	1.56
199.46	0.00	199.98	0.41	200.50	1.16	201.02	1.57
199.47	0.00	199.99	0.44	200.51	1.17	201.03	1.58
199.48	0.00	200.00	0.46	200.52	1.18	201.04	1.59
199.49	0.00	200.01	0.48	200.53	1.19	201.05	1.59
199.50	0.00	200.02	0.51	200.54	1.20	201.06	1.60
199.51	0.00	200.03	0.53	200.55	1.20	201.07	1.61

Stage-Discharge for Pond 2P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.08	1.61	201.60	1.93	202.12	2.20	202.64	2.45
201.09	1.62	201.61	1.94	202.13	2.21	202.65	2.45
201.10	1.63	201.62	1.94	202.14	2.21	202.66	2.45
201.11	1.63	201.63	1.95	202.15	2.22	202.67	2.46
201.12	1.64	201.64	1.95	202.16	2.22	202.68	2.46
201.13	1.65	201.65	1.96	202.17	2.23	202.69	2.47
201.14	1.65	201.66	1.96	202.18	2.23	202.70	2.47
201.15	1.66	201.67	1.97	202.19	2.24	202.71	2.48
201.16	1.67	201.68	1.98	202.20	2.24	202.72	2.48
201.17	1.67	201.69	1.98	202.21	2.25	202.73	2.48
201.18	1.68	201.70	1.99	202.22	2.25	202.74	2.49
201.19	1.68	201.71	1.99	202.23	2.26	202.75	2.49
201.20	1.69	201.72	2.00	202.24	2.26	202.76	2.50
201.21	1.70	201.73	2.00	202.25	2.27	202.77	2.50
201.22	1.70	201.74	2.01	202.26	2.27	202.78	2.51
201.23	1.71	201.75	2.01	202.27	2.28	202.79	2.51
201.24	1.72	201.76	2.02	202.28	2.28	202.80	2.52
201.25	1.72	201.77	2.02	202.29	2.29	202.81	2.52
201.26	1.73	201.78	2.03	202.30	2.29	202.82	2.52
201.27	1.74	201.79	2.03	202.31	2.29	202.83	2.53
201.28	1.74	201.80	2.04	202.32	2.30	202.84	2.53
201.29	1.75	201.81	2.05	202.33	2.30	202.85	2.54
201.30	1.75	201.82	2.05	202.34	2.31	202.86	2.54
201.31	1.76	201.83	2.06	202.35	2.31	202.87	2.55
201.32	1.77	201.84	2.06	202.36	2.32	202.88	2.55
201.33	1.77	201.85	2.07	202.37	2.32	202.89	2.55
201.34	1.78	201.86	2.07	202.38	2.33	202.90	2.56
201.35	1.78	201.87	2.08	202.39	2.33	202.91	2.56
201.36	1.79	201.88	2.08	202.40	2.34	202.92	2.57
201.37	1.80	201.89	2.09	202.41	2.34	202.93	2.57
201.38	1.80	201.90	2.09	202.42	2.35	202.94	2.57
201.39	1.81	201.91	2.10	202.43	2.35	202.95	2.58
201.40	1.81	201.92	2.10	202.44	2.36	202.96	2.58
201.41	1.82	201.93	2.11	202.45	2.36	202.97	2.59
201.42	1.83	201.94	2.11	202.46	2.36	202.98	2.59
201.43	1.83	201.95	2.12	202.47	2.37	202.99	2.60
201.44	1.84	201.96	2.12	202.48	2.37	203.00	2.60
201.45	1.84	201.97	2.13	202.49	2.38	203.01	2.60
201.46	1.85	201.98	2.13	202.50	2.38	203.02	2.61
201.47	1.86	201.99	2.14	202.51	2.39	203.03	2.61
201.48	1.86	202.00	2.14	202.52	2.39	203.04	2.62
201.49	1.87	202.01	2.15	202.53	2.40	203.05	2.62
201.50	1.87	202.02	2.15	202.54	2.40	203.06	2.62
201.51	1.88	202.03	2.16	202.55	2.41	203.07	2.63
201.52	1.89	202.04	2.16	202.56	2.41	203.08	2.63
201.53	1.89	202.05	2.17	202.57	2.41	203.09	2.64
201.54	1.90	202.06	2.17	202.58	2.42	203.10	2.64
201.55	1.90	202.07	2.18	202.59	2.42	203.11	2.65
201.56	1.91	202.08	2.18	202.60	2.43	203.12	2.65
201.57	1.91	202.09	2.19	202.61	2.43	203.13	2.65
201.58	1.92	202.10	2.19	202.62	2.44	203.14	2.66
201.59	1.93	202.11	2.20	202.63	2.44	203.15	2.66

Stage-Discharge for Pond 2P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.16	2.67	203.68	3.86
203.17	2.67	203.69	3.95
203.18	2.67	203.70	4.03
203.19	2.68	203.71	4.13
203.20	2.68	203.72	4.22
203.21	2.69	203.73	4.31
203.22	2.69	203.74	4.41
203.23	2.69	203.75	4.51
203.24	2.70	203.76	4.61
203.25	2.70	203.77	4.71
203.26	2.71	203.78	4.82
203.27	2.71	203.79	4.92
203.28	2.71	203.80	5.03
203.29	2.72	203.81	5.14
203.30	2.72	203.82	5.25
203.31	2.73	203.83	5.36
203.32	2.73	203.84	5.48
203.33	2.73	203.85	5.59
203.34	2.74	203.86	5.71
203.35	2.74	203.87	5.83
203.36	2.75	203.88	5.95
203.37	2.75	203.89	6.07
203.38	2.75	203.90	6.19
203.39	2.76	203.91	6.32
203.40	2.76	203.92	6.44
203.41	2.77	203.93	6.57
203.42	2.77	203.94	6.70
203.43	2.77	203.95	6.83
203.44	2.78	203.96	6.96
203.45	2.78	203.97	7.09
203.46	2.78	203.98	7.23
203.47	2.79	203.99	7.36
203.48	2.79	204.00	7.50
203.49	2.80		
203.50	2.80		
203.51	2.82		
203.52	2.84		
203.53	2.88		
203.54	2.92		
203.55	2.97		
203.56	3.02		
203.57	3.07		
203.58	3.13		
203.59	3.19		
203.60	3.25		
203.61	3.32		
203.62	3.39		
203.63	3.46		
203.64	3.53		
203.65	3.61		
203.66	3.69		
203.67	3.77		

Stage-Area-Storage for Pond 2P: Underground Storage

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
199.00	5,499	0	199.52	5,499	1,144
199.01	5,499	22	199.53	5,499	1,166
199.02	5,499	44	199.54	5,499	1,188
199.03	5,499	66	199.55	5,499	1,210
199.04	5,499	88	199.56	5,499	1,232
199.05	5,499	110	199.57	5,499	1,254
199.06	5,499	132	199.58	5,499	1,276
199.07	5,499	154	199.59	5,499	1,298
199.08	5,499	176	199.60	5,499	1,320
199.09	5,499	198	199.61	5,499	1,342
199.10	5,499	220	199.62	5,499	1,364
199.11	5,499	242	199.63	5,499	1,386
199.12	5,499	264	199.64	5,499	1,408
199.13	5,499	286	199.65	5,499	1,430
199.14	5,499	308	199.66	5,499	1,452
199.15	5,499	330	199.67	5,499	1,474
199.16	5,499	352	199.68	5,499	1,496
199.17	5,499	374	199.69	5,499	1,518
199.18	5,499	396	199.70	5,499	1,540
199.19	5,499	418	199.71	5,499	1,562
199.20	5,499	440	199.72	5,499	1,584
199.21	5,499	462	199.73	5,499	1,606
199.22	5,499	484	199.74	5,499	1,628
199.23	5,499	506	199.75	5,499	1,650
199.24	5,499	528	199.76	5,499	1,672
199.25	5,499	550	199.77	5,499	1,694
199.26	5,499	572	199.78	5,499	1,716
199.27	5,499	594	199.79	5,499	1,738
199.28	5,499	616	199.80	5,499	1,760
199.29	5,499	638	199.81	5,499	1,782
199.30	5,499	660	199.82	5,499	1,804
199.31	5,499	682	199.83	5,499	1,826
199.32	5,499	704	199.84	5,499	1,848
199.33	5,499	726	199.85	5,499	1,870
199.34	5,499	748	199.86	5,499	1,892
199.35	5,499	770	199.87	5,499	1,914
199.36	5,499	792	199.88	5,499	1,936
199.37	5,499	814	199.89	5,499	1,958
199.38	5,499	836	199.90	5,499	1,980
199.39	5,499	858	199.91	5,499	2,002
199.40	5,499	880	199.92	5,499	2,024
199.41	5,499	902	199.93	5,499	2,046
199.42	5,499	924	199.94	5,499	2,068
199.43	5,499	946	199.95	5,499	2,090
199.44	5,499	968	199.96	5,499	2,112
199.45	5,499	990	199.97	5,499	2,134
199.46	5,499	1,012	199.98	5,499	2,156
199.47	5,499	1,034	199.99	5,499	2,178
199.48	5,499	1,056	200.00	5,499	2,200
199.49	5,499	1,078	200.01	5,499	2,222
199.50	5,499	1,100	200.02	5,499	2,244
199.51	5,499	1,122	200.03	5,499	2,266

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
200.04	5,499	2,288	200.56	5,499	3,431
200.05	5,499	2,310	200.57	5,499	3,453
200.06	5,499	2,332	200.58	5,499	3,475
200.07	5,499	2,354	200.59	5,499	3,497
200.08	5,499	2,376	200.60	5,499	3,519
200.09	5,499	2,398	200.61	5,499	3,541
200.10	5,499	2,420	200.62	5,499	3,563
200.11	5,499	2,442	200.63	5,499	3,585
200.12	5,499	2,464	200.64	5,499	3,607
200.13	5,499	2,486	200.65	5,499	3,629
200.14	5,499	2,508	200.66	5,499	3,651
200.15	5,499	2,530	200.67	5,499	3,673
200.16	5,499	2,552	200.68	5,499	3,695
200.17	5,499	2,574	200.69	5,499	3,717
200.18	5,499	2,596	200.70	5,499	3,739
200.19	5,499	2,618	200.71	5,499	3,761
200.20	5,499	2,640	200.72	5,499	3,783
200.21	5,499	2,662	200.73	5,499	3,805
200.22	5,499	2,684	200.74	5,499	3,827
200.23	5,499	2,706	200.75	5,499	3,849
200.24	5,499	2,728	200.76	5,499	3,871
200.25	5,499	2,750	200.77	5,499	3,893
200.26	5,499	2,771	200.78	5,499	3,915
200.27	5,499	2,793	200.79	5,499	3,937
200.28	5,499	2,815	200.80	5,499	3,959
200.29	5,499	2,837	200.81	5,499	3,981
200.30	5,499	2,859	200.82	5,499	4,003
200.31	5,499	2,881	200.83	5,499	4,025
200.32	5,499	2,903	200.84	5,499	4,047
200.33	5,499	2,925	200.85	5,499	4,069
200.34	5,499	2,947	200.86	5,499	4,091
200.35	5,499	2,969	200.87	5,499	4,113
200.36	5,499	2,991	200.88	5,499	4,135
200.37	5,499	3,013	200.89	5,499	4,157
200.38	5,499	3,035	200.90	5,499	4,179
200.39	5,499	3,057	200.91	5,499	4,201
200.40	5,499	3,079	200.92	5,499	4,223
200.41	5,499	3,101	200.93	5,499	4,245
200.42	5,499	3,123	200.94	5,499	4,267
200.43	5,499	3,145	200.95	5,499	4,289
200.44	5,499	3,167	200.96	5,499	4,311
200.45	5,499	3,189	200.97	5,499	4,333
200.46	5,499	3,211	200.98	5,499	4,355
200.47	5,499	3,233	200.99	5,499	4,377
200.48	5,499	3,255	201.00	5,499	4,399
200.49	5,499	3,277	201.01	5,499	4,421
200.50	5,499	3,299	201.02	5,499	4,443
200.51	5,499	3,321	201.03	5,499	4,465
200.52	5,499	3,343	201.04	5,499	4,487
200.53	5,499	3,365	201.05	5,499	4,509
200.54	5,499	3,387	201.06	5,499	4,531
200.55	5,499	3,409	201.07	5,499	4,553

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.08	5,499	4,575	201.60	5,499	5,719
201.09	5,499	4,597	201.61	5,499	5,741
201.10	5,499	4,619	201.62	5,499	5,763
201.11	5,499	4,641	201.63	5,499	5,785
201.12	5,499	4,663	201.64	5,499	5,807
201.13	5,499	4,685	201.65	5,499	5,829
201.14	5,499	4,707	201.66	5,499	5,851
201.15	5,499	4,729	201.67	5,499	5,873
201.16	5,499	4,751	201.68	5,499	5,895
201.17	5,499	4,773	201.69	5,499	5,917
201.18	5,499	4,795	201.70	5,499	5,939
201.19	5,499	4,817	201.71	5,499	5,961
201.20	5,499	4,839	201.72	5,499	5,983
201.21	5,499	4,861	201.73	5,499	6,005
201.22	5,499	4,883	201.74	5,499	6,027
201.23	5,499	4,905	201.75	5,499	6,049
201.24	5,499	4,927	201.76	5,499	6,071
201.25	5,499	4,949	201.77	5,499	6,093
201.26	5,499	4,971	201.78	5,499	6,115
201.27	5,499	4,993	201.79	5,499	6,137
201.28	5,499	5,015	201.80	5,499	6,159
201.29	5,499	5,037	201.81	5,499	6,181
201.30	5,499	5,059	201.82	5,499	6,203
201.31	5,499	5,081	201.83	5,499	6,225
201.32	5,499	5,103	201.84	5,499	6,247
201.33	5,499	5,125	201.85	5,499	6,269
201.34	5,499	5,147	201.86	5,499	6,291
201.35	5,499	5,169	201.87	5,499	6,313
201.36	5,499	5,191	201.88	5,499	6,335
201.37	5,499	5,213	201.89	5,499	6,357
201.38	5,499	5,235	201.90	5,499	6,379
201.39	5,499	5,257	201.91	5,499	6,401
201.40	5,499	5,279	201.92	5,499	6,423
201.41	5,499	5,301	201.93	5,499	6,445
201.42	5,499	5,323	201.94	5,499	6,467
201.43	5,499	5,345	201.95	5,499	6,489
201.44	5,499	5,367	201.96	5,499	6,511
201.45	5,499	5,389	201.97	5,499	6,533
201.46	5,499	5,411	201.98	5,499	6,555
201.47	5,499	5,433	201.99	5,499	6,577
201.48	5,499	5,455	202.00	5,499	6,599
201.49	5,499	5,477	202.01	5,499	6,621
201.50	5,499	5,499	202.02	5,499	6,643
201.51	5,499	5,521	202.03	5,499	6,665
201.52	5,499	5,543	202.04	5,499	6,687
201.53	5,499	5,565	202.05	5,499	6,709
201.54	5,499	5,587	202.06	5,499	6,731
201.55	5,499	5,609	202.07	5,499	6,753
201.56	5,499	5,631	202.08	5,499	6,775
201.57	5,499	5,653	202.09	5,499	6,797
201.58	5,499	5,675	202.10	5,499	6,819
201.59	5,499	5,697	202.11	5,499	6,841

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.12	5,499	6,863	202.64	5,499	8,007
202.13	5,499	6,885	202.65	5,499	8,029
202.14	5,499	6,907	202.66	5,499	8,051
202.15	5,499	6,929	202.67	5,499	8,073
202.16	5,499	6,951	202.68	5,499	8,095
202.17	5,499	6,973	202.69	5,499	8,117
202.18	5,499	6,995	202.70	5,499	8,139
202.19	5,499	7,017	202.71	5,499	8,161
202.20	5,499	7,039	202.72	5,499	8,183
202.21	5,499	7,061	202.73	5,499	8,205
202.22	5,499	7,083	202.74	5,499	8,227
202.23	5,499	7,105	202.75	5,499	8,249
202.24	5,499	7,127	202.76	5,499	8,270
202.25	5,499	7,149	202.77	5,499	8,292
202.26	5,499	7,171	202.78	5,499	8,314
202.27	5,499	7,193	202.79	5,499	8,336
202.28	5,499	7,215	202.80	5,499	8,358
202.29	5,499	7,237	202.81	5,499	8,380
202.30	5,499	7,259	202.82	5,499	8,402
202.31	5,499	7,281	202.83	5,499	8,424
202.32	5,499	7,303	202.84	5,499	8,446
202.33	5,499	7,325	202.85	5,499	8,468
202.34	5,499	7,347	202.86	5,499	8,490
202.35	5,499	7,369	202.87	5,499	8,512
202.36	5,499	7,391	202.88	5,499	8,534
202.37	5,499	7,413	202.89	5,499	8,556
202.38	5,499	7,435	202.90	5,499	8,578
202.39	5,499	7,457	202.91	5,499	8,600
202.40	5,499	7,479	202.92	5,499	8,622
202.41	5,499	7,501	202.93	5,499	8,644
202.42	5,499	7,523	202.94	5,499	8,666
202.43	5,499	7,545	202.95	5,499	8,688
202.44	5,499	7,567	202.96	5,499	8,710
202.45	5,499	7,589	202.97	5,499	8,732
202.46	5,499	7,611	202.98	5,499	8,754
202.47	5,499	7,633	202.99	5,499	8,776
202.48	5,499	7,655	203.00	5,499	8,798
202.49	5,499	7,677	203.01	5,499	8,820
202.50	5,499	7,699	203.02	5,499	8,842
202.51	5,499	7,721	203.03	5,499	8,864
202.52	5,499	7,743	203.04	5,499	8,886
202.53	5,499	7,765	203.05	5,499	8,908
202.54	5,499	7,787	203.06	5,499	8,930
202.55	5,499	7,809	203.07	5,499	8,952
202.56	5,499	7,831	203.08	5,499	8,974
202.57	5,499	7,853	203.09	5,499	8,996
202.58	5,499	7,875	203.10	5,499	9,018
202.59	5,499	7,897	203.11	5,499	9,040
202.60	5,499	7,919	203.12	5,499	9,062
202.61	5,499	7,941	203.13	5,499	9,084
202.62	5,499	7,963	203.14	5,499	9,106
202.63	5,499	7,985	203.15	5,499	9,128

Stage-Area-Storage for Pond 2P: Underground Storage (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.16	5,499	9,150	203.68	5,499	10,294
203.17	5,499	9,172	203.69	5,499	10,316
203.18	5,499	9,194	203.70	5,499	10,338
203.19	5,499	9,216	203.71	5,499	10,360
203.20	5,499	9,238	203.72	5,499	10,382
203.21	5,499	9,260	203.73	5,499	10,404
203.22	5,499	9,282	203.74	5,499	10,426
203.23	5,499	9,304	203.75	5,499	10,448
203.24	5,499	9,326	203.76	5,499	10,470
203.25	5,499	9,348	203.77	5,499	10,492
203.26	5,499	9,370	203.78	5,499	10,514
203.27	5,499	9,392	203.79	5,499	10,536
203.28	5,499	9,414	203.80	5,499	10,558
203.29	5,499	9,436	203.81	5,499	10,580
203.30	5,499	9,458	203.82	5,499	10,602
203.31	5,499	9,480	203.83	5,499	10,624
203.32	5,499	9,502	203.84	5,499	10,646
203.33	5,499	9,524	203.85	5,499	10,668
203.34	5,499	9,546	203.86	5,499	10,690
203.35	5,499	9,568	203.87	5,499	10,712
203.36	5,499	9,590	203.88	5,499	10,734
203.37	5,499	9,612	203.89	5,499	10,756
203.38	5,499	9,634	203.90	5,499	10,778
203.39	5,499	9,656	203.91	5,499	10,800
203.40	5,499	9,678	203.92	5,499	10,822
203.41	5,499	9,700	203.93	5,499	10,844
203.42	5,499	9,722	203.94	5,499	10,866
203.43	5,499	9,744	203.95	5,499	10,888
203.44	5,499	9,766	203.96	5,499	10,910
203.45	5,499	9,788	203.97	5,499	10,932
203.46	5,499	9,810	203.98	5,499	10,954
203.47	5,499	9,832	203.99	5,499	10,976
203.48	5,499	9,854	204.00	5,499	10,998
203.49	5,499	9,876			
203.50	5,499	9,898			
203.51	5,499	9,920			
203.52	5,499	9,942			
203.53	5,499	9,964			
203.54	5,499	9,986			
203.55	5,499	10,008			
203.56	5,499	10,030			
203.57	5,499	10,052			
203.58	5,499	10,074			
203.59	5,499	10,096			
203.60	5,499	10,118			
203.61	5,499	10,140			
203.62	5,499	10,162			
203.63	5,499	10,184			
203.64	5,499	10,206			
203.65	5,499	10,228			
203.66	5,499	10,250			
203.67	5,499	10,272			

Summary for Pond 3P: Underground Storage

Inflow Area = 0.568 ac, 100.00% Impervious, Inflow Depth = 10.80" for Future 100 yr event
 Inflow = 7.49 cfs @ 12.08 hrs, Volume= 0.511 af
 Outflow = 3.16 cfs @ 12.17 hrs, Volume= 0.462 af, Atten= 58%, Lag= 5.6 min
 Primary = 3.16 cfs @ 12.17 hrs, Volume= 0.462 af
 Routed to Pond B-39 : Basin #39

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.47' @ 12.17 hrs Surf.Area= 0.070 ac Storage= 0.141 af

Plug-Flow detention time= 120.5 min calculated for 0.462 af (90% of inflow)
 Center-of-Mass det. time= 69.0 min (803.4 - 734.4)

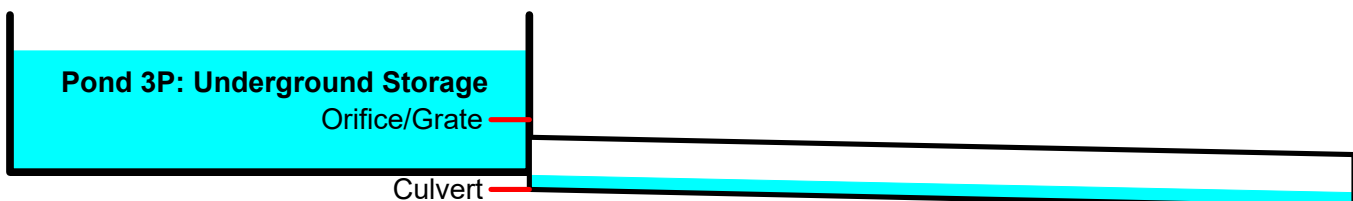
Volume	Invert	Avail.Storage	Storage Description
#1A	202.00'	0.082 af	48.50'W x 63.00'L x 4.50'H Field A 0.316 af Overall - 0.110 af Embedded = 0.206 af x 40.0% Voids
#2A	202.50'	0.088 af	ADS N-12 36" x 27 Inside #1 Inside= 36.1"W x 36.1"H => 7.10 sf x 20.00'L = 142.0 cf Outside= 42.0"W x 42.0"H => 8.86 sf x 20.00'L = 177.1 cf 27 Chambers in 9 Rows
0.170 af			Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	201.50'	18.0" Round Culvert L= 100.0' Ke= 1.000 Inlet / Outlet Invert= 201.50' / 201.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf
#2	Device 1	203.50'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads

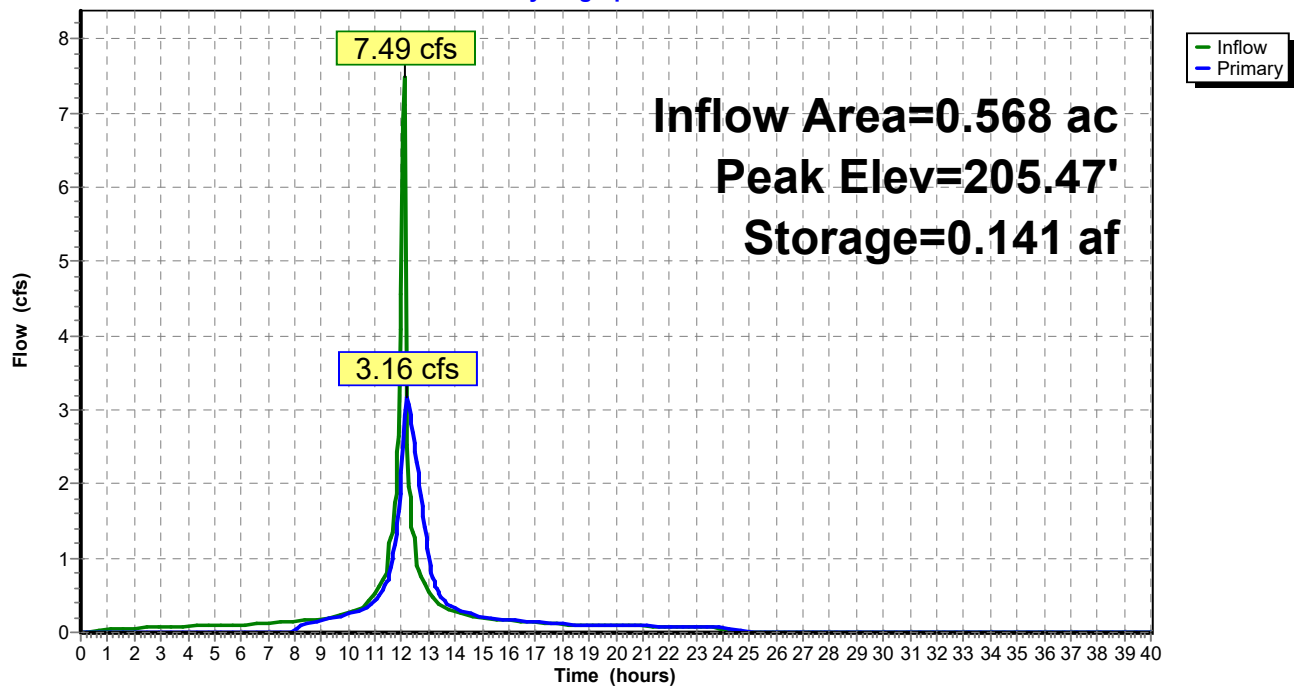
Primary OutFlow Max=3.13 cfs @ 12.17 hrs HW=205.44' (Free Discharge)

↑ **1=Culvert** (Passes 3.13 cfs of 11.40 cfs potential flow)
 ↑ **2=Orifice/Grate** (Orifice Controls 3.13 cfs @ 6.26 fps)



Pond 3P: Underground Storage

Hydrograph



Hydrograph for Pond 3P: Underground Storage

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.000	202.00	0.00
0.10	0.00	0.000	202.00	0.00
0.20	0.00	0.000	202.00	0.00
0.30	0.00	0.000	202.00	0.00
0.40	0.00	0.000	202.00	0.00
0.50	0.01	0.000	202.00	0.00
0.60	0.02	0.000	202.01	0.00
0.70	0.02	0.000	202.01	0.00
0.80	0.03	0.000	202.02	0.00
0.90	0.03	0.001	202.03	0.00
1.00	0.03	0.001	202.03	0.00
1.10	0.04	0.001	202.05	0.00
1.20	0.04	0.002	202.06	0.00
1.30	0.04	0.002	202.07	0.00
1.40	0.04	0.002	202.08	0.00
1.50	0.05	0.003	202.10	0.00
1.60	0.05	0.003	202.11	0.00
1.70	0.05	0.003	202.12	0.00
1.80	0.05	0.004	202.14	0.00
1.90	0.06	0.004	202.16	0.00
2.00	0.06	0.005	202.17	0.00
2.10	0.06	0.005	202.19	0.00
2.20	0.06	0.006	202.21	0.00
2.30	0.06	0.006	202.23	0.00
2.40	0.06	0.007	202.24	0.00
2.50	0.07	0.007	202.26	0.00
2.60	0.07	0.008	202.28	0.00
2.70	0.07	0.008	202.30	0.00
2.80	0.07	0.009	202.32	0.00
2.90	0.07	0.010	202.34	0.00
3.00	0.07	0.010	202.36	0.00
3.10	0.07	0.011	202.39	0.00
3.20	0.07	0.011	202.41	0.00
3.30	0.07	0.012	202.43	0.00
3.40	0.08	0.013	202.45	0.00
3.50	0.08	0.013	202.47	0.00
3.60	0.08	0.014	202.50	0.00
3.70	0.08	0.015	202.52	0.00
3.80	0.08	0.015	202.55	0.00
3.90	0.08	0.016	202.58	0.00
4.00	0.08	0.017	202.60	0.00
4.10	0.08	0.017	202.63	0.00
4.20	0.08	0.018	202.67	0.00
4.30	0.08	0.019	202.70	0.00
4.40	0.09	0.019	202.73	0.00
4.50	0.09	0.020	202.77	0.00
4.60	0.09	0.021	202.79	0.00
4.70	0.09	0.021	202.82	0.00
4.80	0.09	0.022	202.84	0.00
4.90	0.09	0.023	202.86	0.00
5.00	0.09	0.024	202.89	0.00
5.10	0.09	0.024	202.91	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	0.025	202.93	0.00
5.30	0.09	0.026	202.95	0.00
5.40	0.09	0.027	202.97	0.00
5.50	0.09	0.028	202.99	0.00
5.60	0.09	0.028	203.01	0.00
5.70	0.10	0.029	203.03	0.00
5.80	0.10	0.030	203.05	0.00
5.90	0.10	0.031	203.08	0.00
6.00	0.10	0.031	203.10	0.00
6.10	0.10	0.032	203.12	0.00
6.20	0.10	0.033	203.14	0.00
6.30	0.11	0.034	203.16	0.00
6.40	0.11	0.035	203.18	0.00
6.50	0.11	0.036	203.20	0.00
6.60	0.11	0.037	203.22	0.00
6.70	0.12	0.038	203.25	0.00
6.80	0.12	0.039	203.27	0.00
6.90	0.12	0.040	203.29	0.00
7.00	0.12	0.041	203.31	0.00
7.10	0.13	0.042	203.34	0.00
7.20	0.13	0.043	203.36	0.00
7.30	0.13	0.044	203.39	0.00
7.40	0.13	0.045	203.41	0.00
7.50	0.14	0.046	203.44	0.00
7.60	0.14	0.047	203.46	0.00
7.70	0.14	0.048	203.49	0.00
7.80	0.14	0.050	203.51	0.00
7.90	0.15	0.051	203.54	0.02
8.00	0.15	0.052	203.56	0.04
8.10	0.15	0.052	203.57	0.06
8.20	0.15	0.053	203.59	0.08
8.30	0.16	0.054	203.60	0.10
8.40	0.16	0.054	203.61	0.11
8.50	0.16	0.054	203.61	0.13
8.60	0.16	0.055	203.62	0.13
8.70	0.17	0.055	203.63	0.14
8.80	0.17	0.055	203.63	0.15
8.90	0.17	0.055	203.63	0.16
9.00	0.18	0.055	203.64	0.16
9.10	0.18	0.055	203.64	0.17
9.20	0.19	0.056	203.64	0.17
9.30	0.20	0.056	203.65	0.18
9.40	0.21	0.056	203.65	0.19
9.50	0.22	0.056	203.66	0.20
9.60	0.23	0.056	203.66	0.21
9.70	0.24	0.057	203.67	0.22
9.80	0.25	0.057	203.67	0.22
9.90	0.26	0.057	203.67	0.23
10.00	0.27	0.057	203.68	0.24
10.10	0.28	0.058	203.68	0.25
10.20	0.29	0.058	203.69	0.26
10.30	0.30	0.058	203.69	0.27

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
10.40	0.31	0.058	203.70	0.28
10.50	0.32	0.058	203.70	0.29
10.60	0.36	0.059	203.71	0.31
10.70	0.39	0.059	203.72	0.33
10.80	0.43	0.060	203.73	0.36
10.90	0.46	0.061	203.75	0.39
11.00	0.50	0.061	203.76	0.42
11.10	0.57	0.062	203.78	0.47
11.20	0.64	0.063	203.80	0.52
11.30	0.71	0.064	203.82	0.58
11.40	0.77	0.065	203.84	0.64
11.50	0.85	0.066	203.87	0.71
11.60	1.28	0.069	203.92	0.89
11.70	1.37	0.072	203.98	1.07
11.80	1.88	0.076	204.07	1.31
11.90	2.65	0.083	204.22	1.62
12.00	4.56	0.100	204.55	2.14
12.10	7.10	0.132	205.23	2.92
12.20	2.54	0.140	205.43	3.12
12.30	1.82	0.132	205.24	2.93
12.40	1.34	0.121	205.00	2.68
12.50	1.25	0.111	204.77	2.43
12.60	0.82	0.100	204.55	2.14
12.70	0.77	0.090	204.35	1.84
12.80	0.70	0.082	204.18	1.56
12.90	0.63	0.076	204.05	1.28
13.00	0.57	0.071	203.96	1.00
13.10	0.50	0.068	203.90	0.80
13.20	0.46	0.066	203.85	0.67
13.30	0.43	0.064	203.82	0.58
13.40	0.39	0.063	203.80	0.52
13.50	0.35	0.062	203.77	0.46
13.60	0.32	0.061	203.76	0.42
13.70	0.31	0.060	203.74	0.38
13.80	0.30	0.060	203.73	0.36
13.90	0.29	0.059	203.72	0.33
14.00	0.28	0.059	203.71	0.32
14.10	0.27	0.059	203.71	0.30
14.20	0.26	0.058	203.70	0.29
14.30	0.25	0.058	203.70	0.28
14.40	0.24	0.058	203.69	0.27
14.50	0.23	0.058	203.69	0.26
14.60	0.22	0.058	203.68	0.25
14.70	0.21	0.057	203.68	0.24
14.80	0.21	0.057	203.67	0.23
14.90	0.20	0.057	203.67	0.22
15.00	0.19	0.057	203.66	0.21
15.10	0.18	0.056	203.66	0.20
15.20	0.17	0.056	203.65	0.20
15.30	0.17	0.056	203.65	0.19
15.40	0.17	0.056	203.65	0.18
15.50	0.17	0.056	203.65	0.18

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	0.056	203.64	0.18
15.70	0.16	0.056	203.64	0.17
15.80	0.16	0.056	203.64	0.17
15.90	0.16	0.055	203.64	0.17
16.00	0.15	0.055	203.64	0.16
16.10	0.15	0.055	203.64	0.16
16.20	0.15	0.055	203.63	0.16
16.30	0.15	0.055	203.63	0.15
16.40	0.14	0.055	203.63	0.15
16.50	0.14	0.055	203.63	0.15
16.60	0.14	0.055	203.63	0.15
16.70	0.14	0.055	203.63	0.14
16.80	0.13	0.055	203.62	0.14
16.90	0.13	0.055	203.62	0.14
17.00	0.13	0.055	203.62	0.14
17.10	0.13	0.055	203.62	0.13
17.20	0.12	0.055	203.62	0.13
17.30	0.12	0.054	203.62	0.13
17.40	0.12	0.054	203.62	0.13
17.50	0.12	0.054	203.61	0.13
17.60	0.11	0.054	203.61	0.12
17.70	0.11	0.054	203.61	0.12
17.80	0.11	0.054	203.61	0.12
17.90	0.11	0.054	203.61	0.12
18.00	0.10	0.054	203.61	0.11
18.10	0.10	0.054	203.61	0.11
18.20	0.10	0.054	203.60	0.11
18.30	0.10	0.054	203.60	0.11
18.40	0.10	0.054	203.60	0.10
18.50	0.10	0.054	203.60	0.10
18.60	0.10	0.054	203.60	0.10
18.70	0.10	0.054	203.60	0.10
18.80	0.10	0.054	203.60	0.10
18.90	0.10	0.054	203.60	0.10
19.00	0.10	0.054	203.60	0.10
19.10	0.10	0.053	203.60	0.10
19.20	0.09	0.053	203.60	0.10
19.30	0.09	0.053	203.60	0.10
19.40	0.09	0.053	203.60	0.10
19.50	0.09	0.053	203.60	0.10
19.60	0.09	0.053	203.59	0.09
19.70	0.09	0.053	203.59	0.09
19.80	0.09	0.053	203.59	0.09
19.90	0.09	0.053	203.59	0.09
20.00	0.09	0.053	203.59	0.09
20.10	0.09	0.053	203.59	0.09
20.20	0.09	0.053	203.59	0.09
20.30	0.09	0.053	203.59	0.09
20.40	0.09	0.053	203.59	0.09
20.50	0.09	0.053	203.59	0.09
20.60	0.09	0.053	203.59	0.09
20.70	0.09	0.053	203.59	0.09

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	0.053	203.59	0.09
20.90	0.08	0.053	203.59	0.09
21.00	0.08	0.053	203.59	0.09
21.10	0.08	0.053	203.59	0.09
21.20	0.08	0.053	203.59	0.08
21.30	0.08	0.053	203.59	0.08
21.40	0.08	0.053	203.59	0.08
21.50	0.08	0.053	203.59	0.08
21.60	0.08	0.053	203.59	0.08
21.70	0.08	0.053	203.59	0.08
21.80	0.08	0.053	203.59	0.08
21.90	0.08	0.053	203.59	0.08
22.00	0.08	0.053	203.58	0.08
22.10	0.08	0.053	203.58	0.08
22.20	0.08	0.053	203.58	0.08
22.30	0.08	0.053	203.58	0.08
22.40	0.07	0.053	203.58	0.08
22.50	0.07	0.053	203.58	0.08
22.60	0.07	0.053	203.58	0.08
22.70	0.07	0.053	203.58	0.08
22.80	0.07	0.053	203.58	0.07
22.90	0.07	0.053	203.58	0.07
23.00	0.07	0.053	203.58	0.07
23.10	0.07	0.053	203.58	0.07
23.20	0.07	0.053	203.58	0.07
23.30	0.07	0.053	203.58	0.07
23.40	0.07	0.053	203.58	0.07
23.50	0.07	0.053	203.58	0.07
23.60	0.07	0.053	203.58	0.07
23.70	0.07	0.053	203.58	0.07
23.80	0.07	0.053	203.58	0.07
23.90	0.07	0.053	203.58	0.07
24.00	0.08	0.053	203.58	0.07
24.10	0.00	0.052	203.57	0.06
24.20	0.00	0.052	203.56	0.05
24.30	0.00	0.051	203.55	0.04
24.40	0.00	0.051	203.55	0.03
24.50	0.00	0.051	203.54	0.03
24.60	0.00	0.051	203.54	0.02
24.70	0.00	0.051	203.53	0.02
24.80	0.00	0.050	203.53	0.02
24.90	0.00	0.050	203.53	0.01
25.00	0.00	0.050	203.52	0.01
25.10	0.00	0.050	203.52	0.01
25.20	0.00	0.050	203.52	0.01
25.30	0.00	0.050	203.52	0.01
25.40	0.00	0.050	203.52	0.01
25.50	0.00	0.050	203.52	0.01
25.60	0.00	0.050	203.51	0.01
25.70	0.00	0.050	203.51	0.01
25.80	0.00	0.050	203.51	0.01
25.90	0.00	0.050	203.51	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.050	203.51	0.00
26.10	0.00	0.049	203.51	0.00
26.20	0.00	0.049	203.51	0.00
26.30	0.00	0.049	203.51	0.00
26.40	0.00	0.049	203.51	0.00
26.50	0.00	0.049	203.51	0.00
26.60	0.00	0.049	203.51	0.00
26.70	0.00	0.049	203.51	0.00
26.80	0.00	0.049	203.51	0.00
26.90	0.00	0.049	203.51	0.00
27.00	0.00	0.049	203.51	0.00
27.10	0.00	0.049	203.51	0.00
27.20	0.00	0.049	203.50	0.00
27.30	0.00	0.049	203.50	0.00
27.40	0.00	0.049	203.50	0.00
27.50	0.00	0.049	203.50	0.00
27.60	0.00	0.049	203.50	0.00
27.70	0.00	0.049	203.50	0.00
27.80	0.00	0.049	203.50	0.00
27.90	0.00	0.049	203.50	0.00
28.00	0.00	0.049	203.50	0.00
28.10	0.00	0.049	203.50	0.00
28.20	0.00	0.049	203.50	0.00
28.30	0.00	0.049	203.50	0.00
28.40	0.00	0.049	203.50	0.00
28.50	0.00	0.049	203.50	0.00
28.60	0.00	0.049	203.50	0.00
28.70	0.00	0.049	203.50	0.00
28.80	0.00	0.049	203.50	0.00
28.90	0.00	0.049	203.50	0.00
29.00	0.00	0.049	203.50	0.00
29.10	0.00	0.049	203.50	0.00
29.20	0.00	0.049	203.50	0.00
29.30	0.00	0.049	203.50	0.00
29.40	0.00	0.049	203.50	0.00
29.50	0.00	0.049	203.50	0.00
29.60	0.00	0.049	203.50	0.00
29.70	0.00	0.049	203.50	0.00
29.80	0.00	0.049	203.50	0.00
29.90	0.00	0.049	203.50	0.00
30.00	0.00	0.049	203.50	0.00
30.10	0.00	0.049	203.50	0.00
30.20	0.00	0.049	203.50	0.00
30.30	0.00	0.049	203.50	0.00
30.40	0.00	0.049	203.50	0.00
30.50	0.00	0.049	203.50	0.00
30.60	0.00	0.049	203.50	0.00
30.70	0.00	0.049	203.50	0.00
30.80	0.00	0.049	203.50	0.00
30.90	0.00	0.049	203.50	0.00
31.00	0.00	0.049	203.50	0.00
31.10	0.00	0.049	203.50	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.049	203.50	0.00
31.30	0.00	0.049	203.50	0.00
31.40	0.00	0.049	203.50	0.00
31.50	0.00	0.049	203.50	0.00
31.60	0.00	0.049	203.50	0.00
31.70	0.00	0.049	203.50	0.00
31.80	0.00	0.049	203.50	0.00
31.90	0.00	0.049	203.50	0.00
32.00	0.00	0.049	203.50	0.00
32.10	0.00	0.049	203.50	0.00
32.20	0.00	0.049	203.50	0.00
32.30	0.00	0.049	203.50	0.00
32.40	0.00	0.049	203.50	0.00
32.50	0.00	0.049	203.50	0.00
32.60	0.00	0.049	203.50	0.00
32.70	0.00	0.049	203.50	0.00
32.80	0.00	0.049	203.50	0.00
32.90	0.00	0.049	203.50	0.00
33.00	0.00	0.049	203.50	0.00
33.10	0.00	0.049	203.50	0.00
33.20	0.00	0.049	203.50	0.00
33.30	0.00	0.049	203.50	0.00
33.40	0.00	0.049	203.50	0.00
33.50	0.00	0.049	203.50	0.00
33.60	0.00	0.049	203.50	0.00
33.70	0.00	0.049	203.50	0.00
33.80	0.00	0.049	203.50	0.00
33.90	0.00	0.049	203.50	0.00
34.00	0.00	0.049	203.50	0.00
34.10	0.00	0.049	203.50	0.00
34.20	0.00	0.049	203.50	0.00
34.30	0.00	0.049	203.50	0.00
34.40	0.00	0.049	203.50	0.00
34.50	0.00	0.049	203.50	0.00
34.60	0.00	0.049	203.50	0.00
34.70	0.00	0.049	203.50	0.00
34.80	0.00	0.049	203.50	0.00
34.90	0.00	0.049	203.50	0.00
35.00	0.00	0.049	203.50	0.00
35.10	0.00	0.049	203.50	0.00
35.20	0.00	0.049	203.50	0.00
35.30	0.00	0.049	203.50	0.00
35.40	0.00	0.049	203.50	0.00
35.50	0.00	0.049	203.50	0.00
35.60	0.00	0.049	203.50	0.00
35.70	0.00	0.049	203.50	0.00
35.80	0.00	0.049	203.50	0.00
35.90	0.00	0.049	203.50	0.00
36.00	0.00	0.049	203.50	0.00
36.10	0.00	0.049	203.50	0.00
36.20	0.00	0.049	203.50	0.00
36.30	0.00	0.049	203.50	0.00

Hydrograph for Pond 3P: Underground Storage (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.049	203.50	0.00
36.50	0.00	0.049	203.50	0.00
36.60	0.00	0.049	203.50	0.00
36.70	0.00	0.049	203.50	0.00
36.80	0.00	0.049	203.50	0.00
36.90	0.00	0.049	203.50	0.00
37.00	0.00	0.049	203.50	0.00
37.10	0.00	0.049	203.50	0.00
37.20	0.00	0.049	203.50	0.00
37.30	0.00	0.049	203.50	0.00
37.40	0.00	0.049	203.50	0.00
37.50	0.00	0.049	203.50	0.00
37.60	0.00	0.049	203.50	0.00
37.70	0.00	0.049	203.50	0.00
37.80	0.00	0.049	203.50	0.00
37.90	0.00	0.049	203.50	0.00
38.00	0.00	0.049	203.50	0.00
38.10	0.00	0.049	203.50	0.00
38.20	0.00	0.049	203.50	0.00
38.30	0.00	0.049	203.50	0.00
38.40	0.00	0.049	203.50	0.00
38.50	0.00	0.049	203.50	0.00
38.60	0.00	0.049	203.50	0.00
38.70	0.00	0.049	203.50	0.00
38.80	0.00	0.049	203.50	0.00
38.90	0.00	0.049	203.50	0.00
39.00	0.00	0.049	203.50	0.00
39.10	0.00	0.049	203.50	0.00
39.20	0.00	0.049	203.50	0.00
39.30	0.00	0.049	203.50	0.00
39.40	0.00	0.049	203.50	0.00
39.50	0.00	0.049	203.50	0.00
39.60	0.00	0.049	203.50	0.00
39.70	0.00	0.049	203.50	0.00
39.80	0.00	0.049	203.50	0.00
39.90	0.00	0.049	203.50	0.00
40.00	0.00	0.049	203.50	0.00

Stage-Discharge for Pond 3P: Underground Storage

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.00	203.04	0.00	203.56	0.05
202.01	0.00	202.53	0.00	203.05	0.00	203.57	0.06
202.02	0.00	202.54	0.00	203.06	0.00	203.58	0.07
202.03	0.00	202.55	0.00	203.07	0.00	203.59	0.09
202.04	0.00	202.56	0.00	203.08	0.00	203.60	0.10
202.05	0.00	202.57	0.00	203.09	0.00	203.61	0.12
202.06	0.00	202.58	0.00	203.10	0.00	203.62	0.13
202.07	0.00	202.59	0.00	203.11	0.00	203.63	0.15
202.08	0.00	202.60	0.00	203.12	0.00	203.64	0.17
202.09	0.00	202.61	0.00	203.13	0.00	203.65	0.19
202.10	0.00	202.62	0.00	203.14	0.00	203.66	0.21
202.11	0.00	202.63	0.00	203.15	0.00	203.67	0.22
202.12	0.00	202.64	0.00	203.16	0.00	203.68	0.25
202.13	0.00	202.65	0.00	203.17	0.00	203.69	0.27
202.14	0.00	202.66	0.00	203.18	0.00	203.70	0.29
202.15	0.00	202.67	0.00	203.19	0.00	203.71	0.31
202.16	0.00	202.68	0.00	203.20	0.00	203.72	0.33
202.17	0.00	202.69	0.00	203.21	0.00	203.73	0.35
202.18	0.00	202.70	0.00	203.22	0.00	203.74	0.38
202.19	0.00	202.71	0.00	203.23	0.00	203.75	0.40
202.20	0.00	202.72	0.00	203.24	0.00	203.76	0.43
202.21	0.00	202.73	0.00	203.25	0.00	203.77	0.45
202.22	0.00	202.74	0.00	203.26	0.00	203.78	0.48
202.23	0.00	202.75	0.00	203.27	0.00	203.79	0.50
202.24	0.00	202.76	0.00	203.28	0.00	203.80	0.53
202.25	0.00	202.77	0.00	203.29	0.00	203.81	0.55
202.26	0.00	202.78	0.00	203.30	0.00	203.82	0.58
202.27	0.00	202.79	0.00	203.31	0.00	203.83	0.61
202.28	0.00	202.80	0.00	203.32	0.00	203.84	0.64
202.29	0.00	202.81	0.00	203.33	0.00	203.85	0.66
202.30	0.00	202.82	0.00	203.34	0.00	203.86	0.69
202.31	0.00	202.83	0.00	203.35	0.00	203.87	0.72
202.32	0.00	202.84	0.00	203.36	0.00	203.88	0.75
202.33	0.00	202.85	0.00	203.37	0.00	203.89	0.78
202.34	0.00	202.86	0.00	203.38	0.00	203.90	0.81
202.35	0.00	202.87	0.00	203.39	0.00	203.91	0.84
202.36	0.00	202.88	0.00	203.40	0.00	203.92	0.87
202.37	0.00	202.89	0.00	203.41	0.00	203.93	0.91
202.38	0.00	202.90	0.00	203.42	0.00	203.94	0.94
202.39	0.00	202.91	0.00	203.43	0.00	203.95	0.97
202.40	0.00	202.92	0.00	203.44	0.00	203.96	1.00
202.41	0.00	202.93	0.00	203.45	0.00	203.97	1.03
202.42	0.00	202.94	0.00	203.46	0.00	203.98	1.07
202.43	0.00	202.95	0.00	203.47	0.00	203.99	1.10
202.44	0.00	202.96	0.00	203.48	0.00	204.00	1.13
202.45	0.00	202.97	0.00	203.49	0.00	204.01	1.17
202.46	0.00	202.98	0.00	203.50	0.00	204.02	1.19
202.47	0.00	202.99	0.00	203.51	0.00	204.03	1.22
202.48	0.00	203.00	0.00	203.52	0.01	204.04	1.25
202.49	0.00	203.01	0.00	203.53	0.02	204.05	1.27
202.50	0.00	203.02	0.00	203.54	0.03	204.06	1.30
202.51	0.00	203.03	0.00	203.55	0.04	204.07	1.32

Stage-Discharge for Pond 3P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.35	204.60	2.21	205.12	2.81	205.64	3.31
204.09	1.37	204.61	2.22	205.13	2.82	205.65	3.32
204.10	1.39	204.62	2.24	205.14	2.83	205.66	3.32
204.11	1.41	204.63	2.25	205.15	2.84	205.67	3.33
204.12	1.43	204.64	2.26	205.16	2.85	205.68	3.34
204.13	1.45	204.65	2.28	205.17	2.87	205.69	3.35
204.14	1.48	204.66	2.29	205.18	2.88	205.70	3.36
204.15	1.50	204.67	2.30	205.19	2.89	205.71	3.37
204.16	1.52	204.68	2.31	205.20	2.90	205.72	3.38
204.17	1.54	204.69	2.33	205.21	2.91	205.73	3.39
204.18	1.55	204.70	2.34	205.22	2.92	205.74	3.39
204.19	1.57	204.71	2.35	205.23	2.93	205.75	3.40
204.20	1.59	204.72	2.36	205.24	2.94	205.76	3.41
204.21	1.61	204.73	2.38	205.25	2.95	205.77	3.42
204.22	1.63	204.74	2.39	205.26	2.95	205.78	3.43
204.23	1.65	204.75	2.40	205.27	2.96	205.79	3.44
204.24	1.67	204.76	2.41	205.28	2.97	205.80	3.44
204.25	1.68	204.77	2.43	205.29	2.98	205.81	3.45
204.26	1.70	204.78	2.44	205.30	2.99	205.82	3.46
204.27	1.72	204.79	2.45	205.31	3.00	205.83	3.47
204.28	1.74	204.80	2.46	205.32	3.01	205.84	3.48
204.29	1.75	204.81	2.47	205.33	3.02	205.85	3.49
204.30	1.77	204.82	2.48	205.34	3.03	205.86	3.50
204.31	1.79	204.83	2.50	205.35	3.04	205.87	3.50
204.32	1.80	204.84	2.51	205.36	3.05	205.88	3.51
204.33	1.82	204.85	2.52	205.37	3.06	205.89	3.52
204.34	1.83	204.86	2.53	205.38	3.07	205.90	3.53
204.35	1.85	204.87	2.54	205.39	3.08	205.91	3.54
204.36	1.87	204.88	2.55	205.40	3.09	205.92	3.54
204.37	1.88	204.89	2.57	205.41	3.10	205.93	3.55
204.38	1.90	204.90	2.58	205.42	3.11	205.94	3.56
204.39	1.91	204.91	2.59	205.43	3.12	205.95	3.57
204.40	1.93	204.92	2.60	205.44	3.13	205.96	3.58
204.41	1.94	204.93	2.61	205.45	3.14	205.97	3.59
204.42	1.96	204.94	2.62	205.46	3.15	205.98	3.59
204.43	1.97	204.95	2.63	205.47	3.15	205.99	3.60
204.44	1.99	204.96	2.64	205.48	3.16	206.00	3.61
204.45	2.00	204.97	2.65	205.49	3.17	206.01	3.62
204.46	2.02	204.98	2.67	205.50	3.18	206.02	3.63
204.47	2.03	204.99	2.68	205.51	3.19	206.03	3.63
204.48	2.05	205.00	2.69	205.52	3.20	206.04	3.64
204.49	2.06	205.01	2.70	205.53	3.21	206.05	3.65
204.50	2.08	205.02	2.71	205.54	3.22	206.06	3.66
204.51	2.09	205.03	2.72	205.55	3.23	206.07	3.67
204.52	2.10	205.04	2.73	205.56	3.24	206.08	3.67
204.53	2.12	205.05	2.74	205.57	3.25	206.09	3.68
204.54	2.13	205.06	2.75	205.58	3.25	206.10	3.69
204.55	2.14	205.07	2.76	205.59	3.26	206.11	3.70
204.56	2.16	205.08	2.77	205.60	3.27	206.12	3.70
204.57	2.17	205.09	2.78	205.61	3.28	206.13	3.71
204.58	2.18	205.10	2.79	205.62	3.29	206.14	3.72
204.59	2.20	205.11	2.80	205.63	3.30	206.15	3.73

Stage-Discharge for Pond 3P: Underground Storage (continued)

Elevation (feet)	Primary (cfs)
206.16	3.74
206.17	3.74
206.18	3.75
206.19	3.76
206.20	3.77
206.21	3.77
206.22	3.78
206.23	3.79
206.24	3.80
206.25	3.80
206.26	3.81
206.27	3.82
206.28	3.83
206.29	3.84
206.30	3.84
206.31	3.85
206.32	3.86
206.33	3.87
206.34	3.87
206.35	3.88
206.36	3.89
206.37	3.90
206.38	3.90
206.39	3.91
206.40	3.92
206.41	3.93
206.42	3.93
206.43	3.94
206.44	3.95
206.45	3.95
206.46	3.96
206.47	3.97
206.48	3.98
206.49	3.98
206.50	3.99

Stage-Area-Storage for Pond 3P: Underground Storage

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
202.00	0.000	202.52	0.015	203.04	0.029
202.01	0.000	202.53	0.015	203.05	0.030
202.02	0.001	202.54	0.015	203.06	0.030
202.03	0.001	202.55	0.015	203.07	0.030
202.04	0.001	202.56	0.016	203.08	0.031
202.05	0.001	202.57	0.016	203.09	0.031
202.06	0.002	202.58	0.016	203.10	0.032
202.07	0.002	202.59	0.016	203.11	0.032
202.08	0.002	202.60	0.016	203.12	0.032
202.09	0.003	202.61	0.017	203.13	0.033
202.10	0.003	202.62	0.017	203.14	0.033
202.11	0.003	202.63	0.017	203.15	0.034
202.12	0.003	202.64	0.017	203.16	0.034
202.13	0.004	202.65	0.018	203.17	0.035
202.14	0.004	202.66	0.018	203.18	0.035
202.15	0.004	202.67	0.018	203.19	0.035
202.16	0.004	202.68	0.018	203.20	0.036
202.17	0.005	202.69	0.018	203.21	0.036
202.18	0.005	202.70	0.019	203.22	0.037
202.19	0.005	202.71	0.019	203.23	0.037
202.20	0.006	202.72	0.019	203.24	0.037
202.21	0.006	202.73	0.019	203.25	0.038
202.22	0.006	202.74	0.019	203.26	0.038
202.23	0.006	202.75	0.020	203.27	0.039
202.24	0.007	202.76	0.020	203.28	0.039
202.25	0.007	202.77	0.020	203.29	0.040
202.26	0.007	202.78	0.020	203.30	0.040
202.27	0.008	202.79	0.021	203.31	0.040
202.28	0.008	202.80	0.021	203.32	0.041
202.29	0.008	202.81	0.021	203.33	0.041
202.30	0.008	202.82	0.022	203.34	0.042
202.31	0.009	202.83	0.022	203.35	0.042
202.32	0.009	202.84	0.022	203.36	0.043
202.33	0.009	202.85	0.023	203.37	0.043
202.34	0.010	202.86	0.023	203.38	0.044
202.35	0.010	202.87	0.023	203.39	0.044
202.36	0.010	202.88	0.023	203.40	0.044
202.37	0.010	202.89	0.024	203.41	0.045
202.38	0.011	202.90	0.024	203.42	0.045
202.39	0.011	202.91	0.025	203.43	0.046
202.40	0.011	202.92	0.025	203.44	0.046
202.41	0.012	202.93	0.025	203.45	0.047
202.42	0.012	202.94	0.026	203.46	0.047
202.43	0.012	202.95	0.026	203.47	0.048
202.44	0.012	202.96	0.026	203.48	0.048
202.45	0.013	202.97	0.027	203.49	0.049
202.46	0.013	202.98	0.027	203.50	0.049
202.47	0.013	202.99	0.027	203.51	0.049
202.48	0.013	203.00	0.028	203.52	0.050
202.49	0.014	203.01	0.028	203.53	0.050
202.50	0.014	203.02	0.029	203.54	0.051
202.51	0.014	203.03	0.029	203.55	0.051

Stage-Area-Storage for Pond 3P: Underground Storage (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
203.56	0.052	204.08	0.077	204.60	0.102
203.57	0.052	204.09	0.077	204.61	0.103
203.58	0.053	204.10	0.078	204.62	0.103
203.59	0.053	204.11	0.078	204.63	0.104
203.60	0.054	204.12	0.079	204.64	0.104
203.61	0.054	204.13	0.079	204.65	0.105
203.62	0.055	204.14	0.080	204.66	0.105
203.63	0.055	204.15	0.080	204.67	0.106
203.64	0.056	204.16	0.081	204.68	0.106
203.65	0.056	204.17	0.081	204.69	0.107
203.66	0.056	204.18	0.082	204.70	0.107
203.67	0.057	204.19	0.082	204.71	0.108
203.68	0.057	204.20	0.083	204.72	0.108
203.69	0.058	204.21	0.083	204.73	0.109
203.70	0.058	204.22	0.084	204.74	0.109
203.71	0.059	204.23	0.084	204.75	0.110
203.72	0.059	204.24	0.085	204.76	0.110
203.73	0.060	204.25	0.085	204.77	0.111
203.74	0.060	204.26	0.086	204.78	0.111
203.75	0.061	204.27	0.086	204.79	0.112
203.76	0.061	204.28	0.087	204.80	0.112
203.77	0.062	204.29	0.087	204.81	0.112
203.78	0.062	204.30	0.088	204.82	0.113
203.79	0.063	204.31	0.088	204.83	0.113
203.80	0.063	204.32	0.089	204.84	0.114
203.81	0.064	204.33	0.089	204.85	0.114
203.82	0.064	204.34	0.090	204.86	0.115
203.83	0.065	204.35	0.090	204.87	0.115
203.84	0.065	204.36	0.091	204.88	0.116
203.85	0.066	204.37	0.091	204.89	0.116
203.86	0.066	204.38	0.092	204.90	0.117
203.87	0.067	204.39	0.092	204.91	0.117
203.88	0.067	204.40	0.093	204.92	0.118
203.89	0.067	204.41	0.093	204.93	0.118
203.90	0.068	204.42	0.094	204.94	0.119
203.91	0.068	204.43	0.094	204.95	0.119
203.92	0.069	204.44	0.095	204.96	0.120
203.93	0.069	204.45	0.095	204.97	0.120
203.94	0.070	204.46	0.096	204.98	0.120
203.95	0.070	204.47	0.096	204.99	0.121
203.96	0.071	204.48	0.096	205.00	0.121
203.97	0.071	204.49	0.097	205.01	0.122
203.98	0.072	204.50	0.097	205.02	0.122
203.99	0.072	204.51	0.098	205.03	0.123
204.00	0.073	204.52	0.098	205.04	0.123
204.01	0.073	204.53	0.099	205.05	0.124
204.02	0.074	204.54	0.099	205.06	0.124
204.03	0.074	204.55	0.100	205.07	0.125
204.04	0.075	204.56	0.100	205.08	0.125
204.05	0.075	204.57	0.101	205.09	0.125
204.06	0.076	204.58	0.101	205.10	0.126
204.07	0.076	204.59	0.102	205.11	0.126

Stage-Area-Storage for Pond 3P: Underground Storage (continued)

Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)	Elevation (feet)	Storage (acre-feet)
205.12	0.127	205.64	0.148	206.16	0.161
205.13	0.127	205.65	0.148	206.17	0.161
205.14	0.128	205.66	0.148	206.18	0.161
205.15	0.128	205.67	0.148	206.19	0.162
205.16	0.129	205.68	0.149	206.20	0.162
205.17	0.129	205.69	0.149	206.21	0.162
205.18	0.129	205.70	0.149	206.22	0.162
205.19	0.130	205.71	0.150	206.23	0.163
205.20	0.130	205.72	0.150	206.24	0.163
205.21	0.131	205.73	0.150	206.25	0.163
205.22	0.131	205.74	0.150	206.26	0.164
205.23	0.132	205.75	0.151	206.27	0.164
205.24	0.132	205.76	0.151	206.28	0.164
205.25	0.132	205.77	0.151	206.29	0.164
205.26	0.133	205.78	0.151	206.30	0.165
205.27	0.133	205.79	0.151	206.31	0.165
205.28	0.134	205.80	0.152	206.32	0.165
205.29	0.134	205.81	0.152	206.33	0.166
205.30	0.135	205.82	0.152	206.34	0.166
205.31	0.135	205.83	0.152	206.35	0.166
205.32	0.135	205.84	0.153	206.36	0.166
205.33	0.136	205.85	0.153	206.37	0.167
205.34	0.136	205.86	0.153	206.38	0.167
205.35	0.137	205.87	0.153	206.39	0.167
205.36	0.137	205.88	0.153	206.40	0.168
205.37	0.137	205.89	0.154	206.41	0.168
205.38	0.138	205.90	0.154	206.42	0.168
205.39	0.138	205.91	0.154	206.43	0.168
205.40	0.139	205.92	0.154	206.44	0.169
205.41	0.139	205.93	0.155	206.45	0.169
205.42	0.139	205.94	0.155	206.46	0.169
205.43	0.140	205.95	0.155	206.47	0.169
205.44	0.140	205.96	0.155	206.48	0.170
205.45	0.141	205.97	0.156	206.49	0.170
205.46	0.141	205.98	0.156	206.50	0.170
205.47	0.141	205.99	0.156		
205.48	0.142	206.00	0.156		
205.49	0.142	206.01	0.157		
205.50	0.143	206.02	0.157		
205.51	0.143	206.03	0.157		
205.52	0.143	206.04	0.157		
205.53	0.144	206.05	0.158		
205.54	0.144	206.06	0.158		
205.55	0.144	206.07	0.158		
205.56	0.145	206.08	0.159		
205.57	0.145	206.09	0.159		
205.58	0.145	206.10	0.159		
205.59	0.146	206.11	0.159		
205.60	0.146	206.12	0.160		
205.61	0.147	206.13	0.160		
205.62	0.147	206.14	0.160		
205.63	0.147	206.15	0.161		

Summary for Pond B-29: Basin #29

Inflow Area = 1.077 ac, 34.91% Impervious, Inflow Depth = 8.79" for Future 100 yr event
 Inflow = 12.27 cfs @ 12.09 hrs, Volume= 0.789 af
 Outflow = 0.81 cfs @ 13.23 hrs, Volume= 0.621 af, Atten= 93%, Lag= 68.4 min
 Primary = 0.81 cfs @ 13.23 hrs, Volume= 0.621 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.12' @ 13.23 hrs Surf.Area= 8,347 sf Storage= 22,274 cf

Plug-Flow detention time= 681.9 min calculated for 0.620 af (79% of inflow)
 Center-of-Mass det. time= 599.7 min (1,374.1 - 774.4)

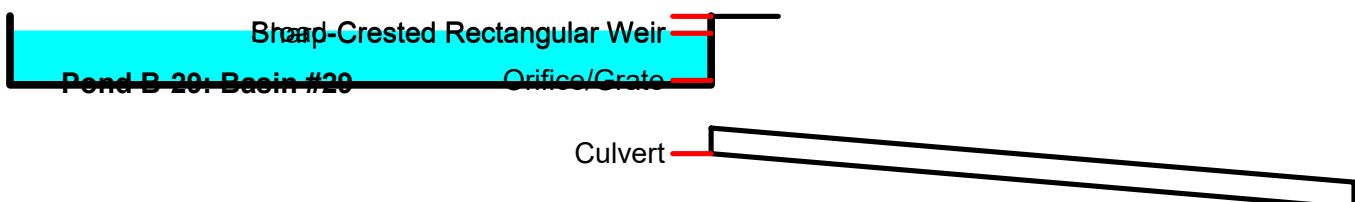
Volume	Invert	Avail.Storage	Storage Description
#1	186.00'	29,747 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
186.00	5,666	0	0
187.00	6,769	6,218	6,218
188.00	7,526	7,148	13,365
189.00	8,311	7,919	21,284
190.00	8,616	8,464	29,747

Device	Routing	Invert	Outlet Devices
#1	Primary	182.00'	18.0" Round Culvert L= 48.0' Ke= 0.500 Inlet / Outlet Invert= 182.00' / 178.85' S= 0.0656 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	186.27'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	189.99'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

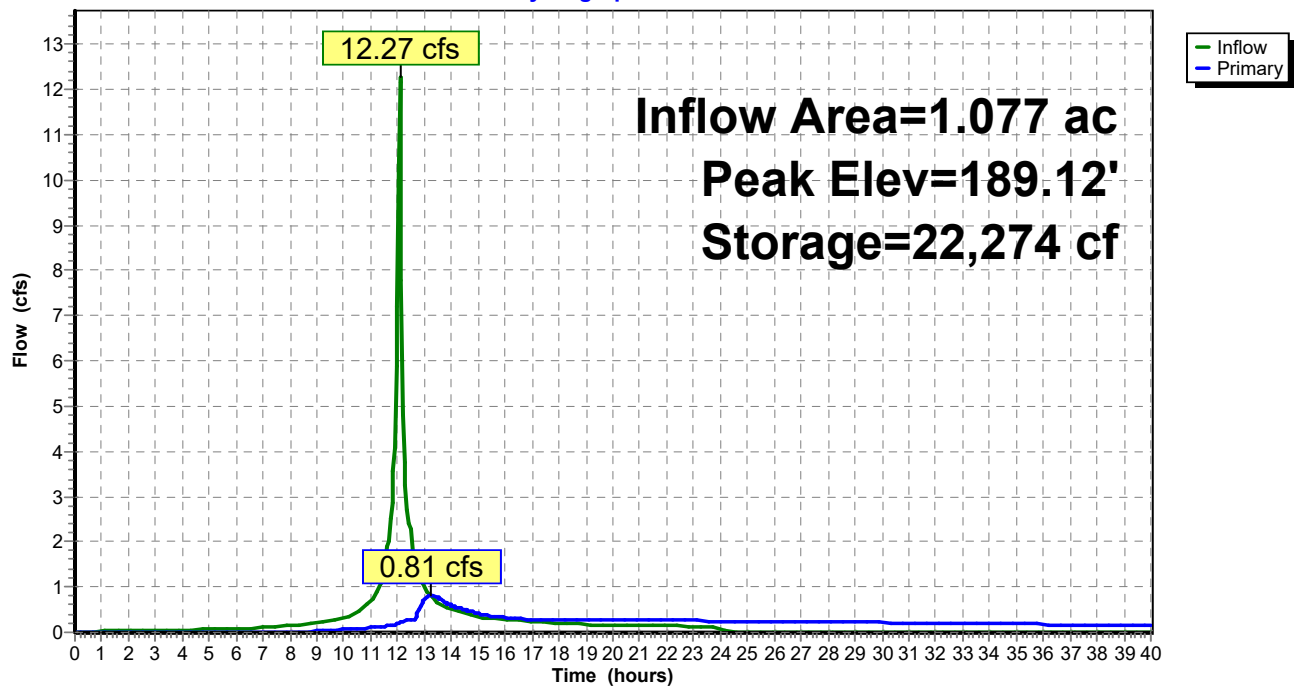
Primary OutFlow Max=0.80 cfs @ 13.23 hrs HW=189.12' (Free Discharge)

1=Culvert (Passes 0.80 cfs of 21.47 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 7.98 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.53 cfs @ 1.13 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-29: Basin #29

Hydrograph



Hydrograph for Pond B-29: Basin #29

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	186.00	0.00
0.10	0.00	0	186.00	0.00
0.20	0.00	0	186.00	0.00
0.30	0.00	0	186.00	0.00
0.40	0.00	0	186.00	0.00
0.50	0.01	1	186.00	0.00
0.60	0.01	4	186.00	0.00
0.70	0.01	8	186.00	0.00
0.80	0.02	13	186.00	0.00
0.90	0.02	19	186.00	0.00
1.00	0.02	26	186.00	0.00
1.10	0.02	34	186.01	0.00
1.20	0.03	43	186.01	0.00
1.30	0.03	53	186.01	0.00
1.40	0.03	63	186.01	0.00
1.50	0.03	74	186.01	0.00
1.60	0.03	85	186.01	0.00
1.70	0.03	97	186.02	0.00
1.80	0.04	110	186.02	0.00
1.90	0.04	123	186.02	0.00
2.00	0.04	136	186.02	0.00
2.10	0.04	150	186.03	0.00
2.20	0.04	164	186.03	0.00
2.30	0.04	179	186.03	0.00
2.40	0.04	194	186.03	0.00
2.50	0.04	209	186.04	0.00
2.60	0.04	225	186.04	0.00
2.70	0.04	241	186.04	0.00
2.80	0.05	257	186.05	0.00
2.90	0.05	273	186.05	0.00
3.00	0.05	290	186.05	0.00
3.10	0.05	307	186.05	0.00
3.20	0.05	325	186.06	0.00
3.30	0.05	342	186.06	0.00
3.40	0.05	360	186.06	0.00
3.50	0.05	378	186.07	0.00
3.60	0.05	397	186.07	0.00
3.70	0.05	415	186.07	0.00
3.80	0.05	434	186.08	0.00
3.90	0.05	453	186.08	0.00
4.00	0.05	473	186.08	0.00
4.10	0.05	492	186.09	0.00
4.20	0.06	512	186.09	0.00
4.30	0.06	532	186.09	0.00
4.40	0.06	552	186.10	0.00
4.50	0.06	572	186.10	0.00
4.60	0.06	593	186.10	0.00
4.70	0.06	614	186.11	0.00
4.80	0.06	635	186.11	0.00
4.90	0.06	656	186.11	0.00
5.00	0.06	677	186.12	0.00
5.10	0.06	699	186.12	0.00

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	721	186.13	0.00
5.30	0.06	744	186.13	0.00
5.40	0.07	767	186.13	0.00
5.50	0.07	791	186.14	0.00
5.60	0.07	816	186.14	0.00
5.70	0.07	841	186.15	0.00
5.80	0.07	867	186.15	0.00
5.90	0.07	893	186.16	0.00
6.00	0.08	920	186.16	0.00
6.10	0.08	948	186.16	0.00
6.20	0.08	977	186.17	0.00
6.30	0.09	1,007	186.17	0.00
6.40	0.09	1,038	186.18	0.00
6.50	0.09	1,070	186.19	0.00
6.60	0.10	1,104	186.19	0.00
6.70	0.10	1,139	186.20	0.00
6.80	0.10	1,175	186.20	0.00
6.90	0.11	1,213	186.21	0.00
7.00	0.11	1,252	186.22	0.00
7.10	0.11	1,292	186.22	0.00
7.20	0.12	1,333	186.23	0.00
7.30	0.12	1,376	186.24	0.00
7.40	0.13	1,421	186.24	0.00
7.50	0.13	1,466	186.25	0.00
7.60	0.13	1,514	186.26	0.00
7.70	0.14	1,562	186.27	0.00
7.80	0.14	1,613	186.28	0.00
7.90	0.15	1,664	186.29	0.00
8.00	0.15	1,717	186.29	0.00
8.10	0.15	1,771	186.30	0.00
8.20	0.16	1,826	186.31	0.00
8.30	0.16	1,882	186.32	0.01
8.40	0.17	1,939	186.33	0.01
8.50	0.17	1,998	186.34	0.01
8.60	0.18	2,056	186.35	0.01
8.70	0.18	2,116	186.36	0.01
8.80	0.19	2,176	186.37	0.02
8.90	0.19	2,237	186.38	0.02
9.00	0.20	2,299	186.39	0.02
9.10	0.21	2,362	186.40	0.03
9.20	0.22	2,428	186.41	0.03
9.30	0.23	2,498	186.42	0.04
9.40	0.25	2,571	186.44	0.04
9.50	0.26	2,648	186.45	0.04
9.60	0.28	2,728	186.46	0.05
9.70	0.29	2,812	186.47	0.05
9.80	0.30	2,900	186.49	0.06
9.90	0.32	2,992	186.50	0.06
10.00	0.33	3,088	186.52	0.06
10.10	0.35	3,188	186.53	0.07
10.20	0.37	3,292	186.55	0.07
10.30	0.38	3,402	186.57	0.07

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.40	3,515	186.59	0.08
10.50	0.42	3,634	186.61	0.08
10.60	0.46	3,764	186.63	0.08
10.70	0.52	3,911	186.65	0.09
10.80	0.57	4,077	186.68	0.09
10.90	0.63	4,261	186.70	0.09
11.00	0.69	4,464	186.74	0.10
11.10	0.79	4,695	186.77	0.10
11.20	0.90	4,962	186.81	0.11
11.30	1.01	5,266	186.86	0.11
11.40	1.12	5,608	186.91	0.12
11.50	1.22	5,985	186.97	0.13
11.60	1.88	6,508	187.04	0.13
11.70	2.06	7,171	187.14	0.14
11.80	2.85	8,013	187.26	0.15
11.90	4.08	9,219	187.43	0.17
12.00	7.19	11,230	187.71	0.19
12.10	12.15	14,746	188.18	0.22
12.20	4.81	17,588	188.55	0.24
12.30	3.26	18,903	188.71	0.25
12.40	2.40	19,809	188.82	0.26
12.50	2.24	20,546	188.91	0.26
12.60	1.49	21,107	188.98	0.26
12.70	1.37	21,513	189.03	0.34
12.80	1.25	21,832	189.07	0.50
12.90	1.13	22,054	189.09	0.64
13.00	1.01	22,187	189.11	0.74
13.10	0.89	22,251	189.12	0.79
13.20	0.83	22,273	189.12	0.80
13.30	0.76	22,268	189.12	0.80
13.40	0.70	22,245	189.12	0.78
13.50	0.64	22,207	189.11	0.76
13.60	0.57	22,157	189.10	0.72
13.70	0.55	22,107	189.10	0.68
13.80	0.54	22,064	189.09	0.65
13.90	0.52	22,025	189.09	0.62
14.00	0.50	21,990	189.08	0.60
14.10	0.49	21,958	189.08	0.57
14.20	0.47	21,928	189.08	0.55
14.30	0.45	21,898	189.07	0.54
14.40	0.44	21,868	189.07	0.52
14.50	0.42	21,839	189.07	0.50
14.60	0.40	21,809	189.06	0.48
14.70	0.39	21,780	189.06	0.47
14.80	0.37	21,750	189.06	0.45
14.90	0.35	21,721	189.05	0.43
15.00	0.34	21,692	189.05	0.42
15.10	0.32	21,662	189.05	0.40
15.20	0.31	21,635	189.04	0.38
15.30	0.31	21,612	189.04	0.37
15.40	0.31	21,590	189.04	0.36
15.50	0.30	21,569	189.03	0.36

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.30	21,549	189.03	0.35
15.70	0.29	21,529	189.03	0.34
15.80	0.29	21,510	189.03	0.34
15.90	0.28	21,492	189.03	0.33
16.00	0.28	21,474	189.02	0.33
16.10	0.27	21,457	189.02	0.32
16.20	0.27	21,440	189.02	0.32
16.30	0.26	21,423	189.02	0.31
16.40	0.26	21,406	189.01	0.31
16.50	0.26	21,390	189.01	0.30
16.60	0.25	21,374	189.01	0.30
16.70	0.25	21,359	189.01	0.29
16.80	0.24	21,343	189.01	0.29
16.90	0.24	21,328	189.01	0.28
17.00	0.23	21,313	189.00	0.28
17.10	0.23	21,298	189.00	0.27
17.20	0.22	21,283	189.00	0.27
17.30	0.22	21,267	189.00	0.27
17.40	0.22	21,249	189.00	0.27
17.50	0.21	21,230	188.99	0.27
17.60	0.21	21,210	188.99	0.27
17.70	0.20	21,188	188.99	0.27
17.80	0.20	21,164	188.99	0.27
17.90	0.19	21,139	188.98	0.27
18.00	0.19	21,112	188.98	0.26
18.10	0.18	21,083	188.98	0.26
18.20	0.18	21,054	188.97	0.26
18.30	0.18	21,025	188.97	0.26
18.40	0.18	20,995	188.97	0.26
18.50	0.18	20,964	188.96	0.26
18.60	0.18	20,934	188.96	0.26
18.70	0.18	20,903	188.95	0.26
18.80	0.18	20,871	188.95	0.26
18.90	0.17	20,840	188.95	0.26
19.00	0.17	20,808	188.94	0.26
19.10	0.17	20,775	188.94	0.26
19.20	0.17	20,743	188.93	0.26
19.30	0.17	20,710	188.93	0.26
19.40	0.17	20,676	188.93	0.26
19.50	0.17	20,643	188.92	0.26
19.60	0.17	20,609	188.92	0.26
19.70	0.17	20,574	188.91	0.26
19.80	0.17	20,540	188.91	0.26
19.90	0.16	20,505	188.91	0.26
20.00	0.16	20,470	188.90	0.26
20.10	0.16	20,434	188.90	0.26
20.20	0.16	20,398	188.89	0.26
20.30	0.16	20,362	188.89	0.26
20.40	0.16	20,325	188.88	0.26
20.50	0.16	20,289	188.88	0.26
20.60	0.16	20,251	188.88	0.26
20.70	0.15	20,214	188.87	0.26

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	20,176	188.87	0.26
20.90	0.15	20,138	188.86	0.26
21.00	0.15	20,100	188.86	0.26
21.10	0.15	20,061	188.85	0.26
21.20	0.15	20,022	188.85	0.26
21.30	0.15	19,982	188.84	0.26
21.40	0.15	19,943	188.84	0.26
21.50	0.15	19,903	188.83	0.26
21.60	0.14	19,862	188.83	0.26
21.70	0.14	19,821	188.82	0.26
21.80	0.14	19,781	188.82	0.26
21.90	0.14	19,739	188.81	0.26
22.00	0.14	19,698	188.81	0.26
22.10	0.14	19,656	188.80	0.26
22.20	0.14	19,614	188.80	0.26
22.30	0.14	19,571	188.79	0.26
22.40	0.14	19,528	188.79	0.25
22.50	0.13	19,485	188.78	0.25
22.60	0.13	19,442	188.78	0.25
22.70	0.13	19,398	188.77	0.25
22.80	0.13	19,354	188.77	0.25
22.90	0.13	19,310	188.76	0.25
23.00	0.13	19,265	188.75	0.25
23.10	0.13	19,220	188.75	0.25
23.20	0.13	19,175	188.74	0.25
23.30	0.13	19,129	188.74	0.25
23.40	0.13	19,084	188.73	0.25
23.50	0.12	19,038	188.73	0.25
23.60	0.12	18,991	188.72	0.25
23.70	0.12	18,944	188.71	0.25
23.80	0.12	18,897	188.71	0.25
23.90	0.12	18,850	188.70	0.25
24.00	0.14	18,808	188.70	0.25
24.10	0.01	18,742	188.69	0.25
24.20	0.00	18,653	188.68	0.25
24.30	0.00	18,563	188.67	0.25
24.40	0.00	18,474	188.66	0.25
24.50	0.00	18,385	188.65	0.25
24.60	0.00	18,296	188.63	0.25
24.70	0.00	18,207	188.62	0.25
24.80	0.00	18,119	188.61	0.25
24.90	0.00	18,030	188.60	0.24
25.00	0.00	17,942	188.59	0.24
25.10	0.00	17,854	188.58	0.24
25.20	0.00	17,767	188.57	0.24
25.30	0.00	17,679	188.56	0.24
25.40	0.00	17,592	188.55	0.24
25.50	0.00	17,505	188.54	0.24
25.60	0.00	17,418	188.52	0.24
25.70	0.00	17,332	188.51	0.24
25.80	0.00	17,246	188.50	0.24
25.90	0.00	17,160	188.49	0.24

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	17,074	188.48	0.24
26.10	0.00	16,988	188.47	0.24
26.20	0.00	16,903	188.46	0.24
26.30	0.00	16,817	188.45	0.24
26.40	0.00	16,732	188.44	0.24
26.50	0.00	16,648	188.43	0.24
26.60	0.00	16,563	188.42	0.23
26.70	0.00	16,479	188.41	0.23
26.80	0.00	16,395	188.39	0.23
26.90	0.00	16,311	188.38	0.23
27.00	0.00	16,227	188.37	0.23
27.10	0.00	16,144	188.36	0.23
27.20	0.00	16,061	188.35	0.23
27.30	0.00	15,978	188.34	0.23
27.40	0.00	15,895	188.33	0.23
27.50	0.00	15,812	188.32	0.23
27.60	0.00	15,730	188.31	0.23
27.70	0.00	15,648	188.30	0.23
27.80	0.00	15,566	188.29	0.23
27.90	0.00	15,484	188.28	0.23
28.00	0.00	15,403	188.27	0.23
28.10	0.00	15,322	188.26	0.23
28.20	0.00	15,241	188.25	0.22
28.30	0.00	15,160	188.24	0.22
28.40	0.00	15,080	188.23	0.22
28.50	0.00	14,999	188.21	0.22
28.60	0.00	14,919	188.20	0.22
28.70	0.00	14,839	188.19	0.22
28.80	0.00	14,760	188.18	0.22
28.90	0.00	14,680	188.17	0.22
29.00	0.00	14,601	188.16	0.22
29.10	0.00	14,522	188.15	0.22
29.20	0.00	14,444	188.14	0.22
29.30	0.00	14,365	188.13	0.22
29.40	0.00	14,287	188.12	0.22
29.50	0.00	14,209	188.11	0.22
29.60	0.00	14,131	188.10	0.22
29.70	0.00	14,054	188.09	0.22
29.80	0.00	13,976	188.08	0.21
29.90	0.00	13,899	188.07	0.21
30.00	0.00	13,823	188.06	0.21
30.10	0.00	13,746	188.05	0.21
30.20	0.00	13,670	188.04	0.21
30.30	0.00	13,593	188.03	0.21
30.40	0.00	13,517	188.02	0.21
30.50	0.00	13,442	188.01	0.21
30.60	0.00	13,366	188.00	0.21
30.70	0.00	13,291	187.99	0.21
30.80	0.00	13,216	187.98	0.21
30.90	0.00	13,141	187.97	0.21
31.00	0.00	13,067	187.96	0.21
31.10	0.00	12,992	187.95	0.21

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,918	187.94	0.21
31.30	0.00	12,845	187.93	0.20
31.40	0.00	12,771	187.92	0.20
31.50	0.00	12,698	187.91	0.20
31.60	0.00	12,624	187.90	0.20
31.70	0.00	12,552	187.89	0.20
31.80	0.00	12,479	187.88	0.20
31.90	0.00	12,406	187.87	0.20
32.00	0.00	12,334	187.86	0.20
32.10	0.00	12,262	187.85	0.20
32.20	0.00	12,191	187.84	0.20
32.30	0.00	12,119	187.83	0.20
32.40	0.00	12,048	187.82	0.20
32.50	0.00	11,977	187.81	0.20
32.60	0.00	11,906	187.80	0.20
32.70	0.00	11,836	187.79	0.20
32.80	0.00	11,765	187.79	0.19
32.90	0.00	11,695	187.78	0.19
33.00	0.00	11,625	187.77	0.19
33.10	0.00	11,556	187.76	0.19
33.20	0.00	11,486	187.75	0.19
33.30	0.00	11,417	187.74	0.19
33.40	0.00	11,348	187.73	0.19
33.50	0.00	11,280	187.72	0.19
33.60	0.00	11,211	187.71	0.19
33.70	0.00	11,143	187.70	0.19
33.80	0.00	11,075	187.69	0.19
33.90	0.00	11,008	187.68	0.19
34.00	0.00	10,940	187.67	0.19
34.10	0.00	10,873	187.66	0.19
34.20	0.00	10,806	187.65	0.19
34.30	0.00	10,739	187.64	0.19
34.40	0.00	10,673	187.64	0.18
34.50	0.00	10,607	187.63	0.18
34.60	0.00	10,541	187.62	0.18
34.70	0.00	10,475	187.61	0.18
34.80	0.00	10,409	187.60	0.18
34.90	0.00	10,344	187.59	0.18
35.00	0.00	10,279	187.58	0.18
35.10	0.00	10,214	187.57	0.18
35.20	0.00	10,150	187.56	0.18
35.30	0.00	10,085	187.55	0.18
35.40	0.00	10,021	187.55	0.18
35.50	0.00	9,957	187.54	0.18
35.60	0.00	9,894	187.53	0.18
35.70	0.00	9,830	187.52	0.18
35.80	0.00	9,767	187.51	0.17
35.90	0.00	9,705	187.50	0.17
36.00	0.00	9,642	187.49	0.17
36.10	0.00	9,580	187.48	0.17
36.20	0.00	9,517	187.47	0.17
36.30	0.00	9,456	187.47	0.17

Hydrograph for Pond B-29: Basin #29 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	9,394	187.46	0.17
36.50	0.00	9,333	187.45	0.17
36.60	0.00	9,271	187.44	0.17
36.70	0.00	9,211	187.43	0.17
36.80	0.00	9,150	187.42	0.17
36.90	0.00	9,090	187.41	0.17
37.00	0.00	9,029	187.41	0.17
37.10	0.00	8,969	187.40	0.17
37.20	0.00	8,910	187.39	0.17
37.30	0.00	8,850	187.38	0.16
37.40	0.00	8,791	187.37	0.16
37.50	0.00	8,732	187.36	0.16
37.60	0.00	8,674	187.36	0.16
37.70	0.00	8,615	187.35	0.16
37.80	0.00	8,557	187.34	0.16
37.90	0.00	8,499	187.33	0.16
38.00	0.00	8,442	187.32	0.16
38.10	0.00	8,384	187.31	0.16
38.20	0.00	8,327	187.31	0.16
38.30	0.00	8,270	187.30	0.16
38.40	0.00	8,213	187.29	0.16
38.50	0.00	8,157	187.28	0.16
38.60	0.00	8,101	187.27	0.16
38.70	0.00	8,045	187.27	0.15
38.80	0.00	7,989	187.26	0.15
38.90	0.00	7,934	187.25	0.15
39.00	0.00	7,879	187.24	0.15
39.10	0.00	7,824	187.23	0.15
39.20	0.00	7,769	187.23	0.15
39.30	0.00	7,715	187.22	0.15
39.40	0.00	7,660	187.21	0.15
39.50	0.00	7,606	187.20	0.15
39.60	0.00	7,553	187.20	0.15
39.70	0.00	7,499	187.19	0.15
39.80	0.00	7,446	187.18	0.15
39.90	0.00	7,393	187.17	0.15
40.00	0.00	7,341	187.16	0.15

Stage-Discharge for Pond B-29: Basin #29

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.00	0.00	186.52	0.06	187.04	0.13	187.56	0.18
186.01	0.00	186.53	0.06	187.05	0.13	187.57	0.18
186.02	0.00	186.54	0.07	187.06	0.14	187.58	0.18
186.03	0.00	186.55	0.07	187.07	0.14	187.59	0.18
186.04	0.00	186.56	0.07	187.08	0.14	187.60	0.18
186.05	0.00	186.57	0.07	187.09	0.14	187.61	0.18
186.06	0.00	186.58	0.07	187.10	0.14	187.62	0.18
186.07	0.00	186.59	0.08	187.11	0.14	187.63	0.18
186.08	0.00	186.60	0.08	187.12	0.14	187.64	0.18
186.09	0.00	186.61	0.08	187.13	0.14	187.65	0.19
186.10	0.00	186.62	0.08	187.14	0.14	187.66	0.19
186.11	0.00	186.63	0.08	187.15	0.14	187.67	0.19
186.12	0.00	186.64	0.08	187.16	0.15	187.68	0.19
186.13	0.00	186.65	0.09	187.17	0.15	187.69	0.19
186.14	0.00	186.66	0.09	187.18	0.15	187.70	0.19
186.15	0.00	186.67	0.09	187.19	0.15	187.71	0.19
186.16	0.00	186.68	0.09	187.20	0.15	187.72	0.19
186.17	0.00	186.69	0.09	187.21	0.15	187.73	0.19
186.18	0.00	186.70	0.09	187.22	0.15	187.74	0.19
186.19	0.00	186.71	0.10	187.23	0.15	187.75	0.19
186.20	0.00	186.72	0.10	187.24	0.15	187.76	0.19
186.21	0.00	186.73	0.10	187.25	0.15	187.77	0.19
186.22	0.00	186.74	0.10	187.26	0.15	187.78	0.19
186.23	0.00	186.75	0.10	187.27	0.16	187.79	0.20
186.24	0.00	186.76	0.10	187.28	0.16	187.80	0.20
186.25	0.00	186.77	0.10	187.29	0.16	187.81	0.20
186.26	0.00	186.78	0.10	187.30	0.16	187.82	0.20
186.27	0.00	186.79	0.11	187.31	0.16	187.83	0.20
186.28	0.00	186.80	0.11	187.32	0.16	187.84	0.20
186.29	0.00	186.81	0.11	187.33	0.16	187.85	0.20
186.30	0.00	186.82	0.11	187.34	0.16	187.86	0.20
186.31	0.00	186.83	0.11	187.35	0.16	187.87	0.20
186.32	0.00	186.84	0.11	187.36	0.16	187.88	0.20
186.33	0.01	186.85	0.11	187.37	0.16	187.89	0.20
186.34	0.01	186.86	0.11	187.38	0.16	187.90	0.20
186.35	0.01	186.87	0.12	187.39	0.17	187.91	0.20
186.36	0.01	186.88	0.12	187.40	0.17	187.92	0.20
186.37	0.02	186.89	0.12	187.41	0.17	187.93	0.20
186.38	0.02	186.90	0.12	187.42	0.17	187.94	0.21
186.39	0.02	186.91	0.12	187.43	0.17	187.95	0.21
186.40	0.03	186.92	0.12	187.44	0.17	187.96	0.21
186.41	0.03	186.93	0.12	187.45	0.17	187.97	0.21
186.42	0.03	186.94	0.12	187.46	0.17	187.98	0.21
186.43	0.04	186.95	0.12	187.47	0.17	187.99	0.21
186.44	0.04	186.96	0.13	187.48	0.17	188.00	0.21
186.45	0.05	186.97	0.13	187.49	0.17	188.01	0.21
186.46	0.05	186.98	0.13	187.50	0.17	188.02	0.21
186.47	0.05	186.99	0.13	187.51	0.17	188.03	0.21
186.48	0.05	187.00	0.13	187.52	0.18	188.04	0.21
186.49	0.06	187.01	0.13	187.53	0.18	188.05	0.21
186.50	0.06	187.02	0.13	187.54	0.18	188.06	0.21
186.51	0.06	187.03	0.13	187.55	0.18	188.07	0.21

Stage-Discharge for Pond B-29: Basin #29 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
188.08	0.21	188.60	0.24	189.12	0.81	189.64	6.78
188.09	0.22	188.61	0.25	189.13	0.88	189.65	6.93
188.10	0.22	188.62	0.25	189.14	0.95	189.66	7.08
188.11	0.22	188.63	0.25	189.15	1.03	189.67	7.23
188.12	0.22	188.64	0.25	189.16	1.10	189.68	7.38
188.13	0.22	188.65	0.25	189.17	1.18	189.69	7.54
188.14	0.22	188.66	0.25	189.18	1.26	189.70	7.69
188.15	0.22	188.67	0.25	189.19	1.35	189.71	7.85
188.16	0.22	188.68	0.25	189.20	1.43	189.72	8.00
188.17	0.22	188.69	0.25	189.21	1.52	189.73	8.16
188.18	0.22	188.70	0.25	189.22	1.61	189.74	8.32
188.19	0.22	188.71	0.25	189.23	1.70	189.75	8.48
188.20	0.22	188.72	0.25	189.24	1.80	189.76	8.64
188.21	0.22	188.73	0.25	189.25	1.89	189.77	8.80
188.22	0.22	188.74	0.25	189.26	1.99	189.78	8.96
188.23	0.22	188.75	0.25	189.27	2.09	189.79	9.12
188.24	0.22	188.76	0.25	189.28	2.19	189.80	9.29
188.25	0.22	188.77	0.25	189.29	2.29	189.81	9.45
188.26	0.23	188.78	0.25	189.30	2.40	189.82	9.62
188.27	0.23	188.79	0.26	189.31	2.50	189.83	9.79
188.28	0.23	188.80	0.26	189.32	2.61	189.84	9.95
188.29	0.23	188.81	0.26	189.33	2.72	189.85	10.12
188.30	0.23	188.82	0.26	189.34	2.83	189.86	10.29
188.31	0.23	188.83	0.26	189.35	2.94	189.87	10.46
188.32	0.23	188.84	0.26	189.36	3.06	189.88	10.63
188.33	0.23	188.85	0.26	189.37	3.17	189.89	10.80
188.34	0.23	188.86	0.26	189.38	3.29	189.90	10.97
188.35	0.23	188.87	0.26	189.39	3.41	189.91	11.15
188.36	0.23	188.88	0.26	189.40	3.53	189.92	11.32
188.37	0.23	188.89	0.26	189.41	3.65	189.93	11.49
188.38	0.23	188.90	0.26	189.42	3.77	189.94	11.67
188.39	0.23	188.91	0.26	189.43	3.90	189.95	11.85
188.40	0.23	188.92	0.26	189.44	4.02	189.96	12.02
188.41	0.23	188.93	0.26	189.45	4.15	189.97	12.20
188.42	0.23	188.94	0.26	189.46	4.28	189.98	12.38
188.43	0.24	188.95	0.26	189.47	4.40	189.99	12.56
188.44	0.24	188.96	0.26	189.48	4.53	190.00	12.86
188.45	0.24	188.97	0.26	189.49	4.67		
188.46	0.24	188.98	0.26	189.50	4.80		
188.47	0.24	188.99	0.27	189.51	4.93		
188.48	0.24	189.00	0.27	189.52	5.07		
188.49	0.24	189.01	0.28	189.53	5.20		
188.50	0.24	189.02	0.30	189.54	5.34		
188.51	0.24	189.03	0.34	189.55	5.48		
188.52	0.24	189.04	0.37	189.56	5.62		
188.53	0.24	189.05	0.41	189.57	5.76		
188.54	0.24	189.06	0.46	189.58	5.90		
188.55	0.24	189.07	0.51	189.59	6.05		
188.56	0.24	189.08	0.56	189.60	6.19		
188.57	0.24	189.09	0.62	189.61	6.34		
188.58	0.24	189.10	0.68	189.62	6.48		
188.59	0.24	189.11	0.75	189.63	6.63		

Stage-Area-Storage for Pond B-29: Basin #29

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.00	5,666	0	186.52	6,240	3,095
186.01	5,677	57	186.53	6,251	3,158
186.02	5,688	114	186.54	6,262	3,220
186.03	5,699	170	186.55	6,273	3,283
186.04	5,710	228	186.56	6,284	3,346
186.05	5,721	285	186.57	6,295	3,409
186.06	5,732	342	186.58	6,306	3,472
186.07	5,743	399	186.59	6,317	3,535
186.08	5,754	457	186.60	6,328	3,598
186.09	5,765	514	186.61	6,339	3,661
186.10	5,776	572	186.62	6,350	3,725
186.11	5,787	630	186.63	6,361	3,788
186.12	5,798	688	186.64	6,372	3,852
186.13	5,809	746	186.65	6,383	3,916
186.14	5,820	804	186.66	6,394	3,980
186.15	5,831	862	186.67	6,405	4,044
186.16	5,842	921	186.68	6,416	4,108
186.17	5,854	979	186.69	6,427	4,172
186.18	5,865	1,038	186.70	6,438	4,236
186.19	5,876	1,096	186.71	6,449	4,301
186.20	5,887	1,155	186.72	6,460	4,365
186.21	5,898	1,214	186.73	6,471	4,430
186.22	5,909	1,273	186.74	6,482	4,495
186.23	5,920	1,332	186.75	6,493	4,560
186.24	5,931	1,392	186.76	6,504	4,625
186.25	5,942	1,451	186.77	6,515	4,690
186.26	5,953	1,510	186.78	6,526	4,755
186.27	5,964	1,570	186.79	6,537	4,820
186.28	5,975	1,630	186.80	6,548	4,886
186.29	5,986	1,690	186.81	6,559	4,951
186.30	5,997	1,749	186.82	6,570	5,017
186.31	6,008	1,809	186.83	6,581	5,083
186.32	6,019	1,870	186.84	6,593	5,149
186.33	6,030	1,930	186.85	6,604	5,215
186.34	6,041	1,990	186.86	6,615	5,281
186.35	6,052	2,051	186.87	6,626	5,347
186.36	6,063	2,111	186.88	6,637	5,413
186.37	6,074	2,172	186.89	6,648	5,480
186.38	6,085	2,233	186.90	6,659	5,546
186.39	6,096	2,294	186.91	6,670	5,613
186.40	6,107	2,355	186.92	6,681	5,680
186.41	6,118	2,416	186.93	6,692	5,746
186.42	6,129	2,477	186.94	6,703	5,813
186.43	6,140	2,538	186.95	6,714	5,880
186.44	6,151	2,600	186.96	6,725	5,948
186.45	6,162	2,661	186.97	6,736	6,015
186.46	6,173	2,723	186.98	6,747	6,082
186.47	6,184	2,785	186.99	6,758	6,150
186.48	6,195	2,847	187.00	6,769	6,218
186.49	6,206	2,909	187.01	6,777	6,285
186.50	6,218	2,971	187.02	6,784	6,353
186.51	6,229	3,033	187.03	6,792	6,421

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.04	6,799	6,489	187.56	7,193	10,127
187.05	6,807	6,557	187.57	7,200	10,199
187.06	6,814	6,625	187.58	7,208	10,271
187.07	6,822	6,693	187.59	7,216	10,343
187.08	6,830	6,761	187.60	7,223	10,415
187.09	6,837	6,830	187.61	7,231	10,487
187.10	6,845	6,898	187.62	7,238	10,560
187.11	6,852	6,967	187.63	7,246	10,632
187.12	6,860	7,035	187.64	7,253	10,705
187.13	6,867	7,104	187.65	7,261	10,777
187.14	6,875	7,173	187.66	7,269	10,850
187.15	6,883	7,241	187.67	7,276	10,923
187.16	6,890	7,310	187.68	7,284	10,995
187.17	6,898	7,379	187.69	7,291	11,068
187.18	6,905	7,448	187.70	7,299	11,141
187.19	6,913	7,517	187.71	7,306	11,214
187.20	6,920	7,586	187.72	7,314	11,287
187.21	6,928	7,656	187.73	7,322	11,361
187.22	6,936	7,725	187.74	7,329	11,434
187.23	6,943	7,794	187.75	7,337	11,507
187.24	6,951	7,864	187.76	7,344	11,581
187.25	6,958	7,933	187.77	7,352	11,654
187.26	6,966	8,003	187.78	7,359	11,728
187.27	6,973	8,073	187.79	7,367	11,801
187.28	6,981	8,142	187.80	7,375	11,875
187.29	6,989	8,212	187.81	7,382	11,949
187.30	6,996	8,282	187.82	7,390	12,023
187.31	7,004	8,352	187.83	7,397	12,097
187.32	7,011	8,422	187.84	7,405	12,171
187.33	7,019	8,492	187.85	7,412	12,245
187.34	7,026	8,563	187.86	7,420	12,319
187.35	7,034	8,633	187.87	7,428	12,393
187.36	7,042	8,703	187.88	7,435	12,467
187.37	7,049	8,774	187.89	7,443	12,542
187.38	7,057	8,844	187.90	7,450	12,616
187.39	7,064	8,915	187.91	7,458	12,691
187.40	7,072	8,986	187.92	7,465	12,765
187.41	7,079	9,056	187.93	7,473	12,840
187.42	7,087	9,127	187.94	7,481	12,915
187.43	7,095	9,198	187.95	7,488	12,990
187.44	7,102	9,269	187.96	7,496	13,065
187.45	7,110	9,340	187.97	7,503	13,140
187.46	7,117	9,411	187.98	7,511	13,215
187.47	7,125	9,483	187.99	7,518	13,290
187.48	7,132	9,554	188.00	7,526	13,365
187.49	7,140	9,625	188.01	7,534	13,440
187.50	7,148	9,697	188.02	7,542	13,516
187.51	7,155	9,768	188.03	7,550	13,591
187.52	7,163	9,840	188.04	7,557	13,667
187.53	7,170	9,911	188.05	7,565	13,742
187.54	7,178	9,983	188.06	7,573	13,818
187.55	7,185	10,055	188.07	7,581	13,894

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.08	7,589	13,970	188.60	7,997	18,022
188.09	7,597	14,046	188.61	8,005	18,102
188.10	7,604	14,122	188.62	8,013	18,182
188.11	7,612	14,198	188.63	8,021	18,262
188.12	7,620	14,274	188.64	8,028	18,342
188.13	7,628	14,350	188.65	8,036	18,423
188.14	7,636	14,426	188.66	8,044	18,503
188.15	7,644	14,503	188.67	8,052	18,584
188.16	7,652	14,579	188.68	8,060	18,664
188.17	7,659	14,656	188.69	8,068	18,745
188.18	7,667	14,732	188.70	8,075	18,826
188.19	7,675	14,809	188.71	8,083	18,906
188.20	7,683	14,886	188.72	8,091	18,987
188.21	7,691	14,963	188.73	8,099	19,068
188.22	7,699	15,040	188.74	8,107	19,149
188.23	7,707	15,117	188.75	8,115	19,230
188.24	7,714	15,194	188.76	8,123	19,311
188.25	7,722	15,271	188.77	8,130	19,393
188.26	7,730	15,348	188.78	8,138	19,474
188.27	7,738	15,426	188.79	8,146	19,555
188.28	7,746	15,503	188.80	8,154	19,637
188.29	7,754	15,581	188.81	8,162	19,719
188.30	7,762	15,658	188.82	8,170	19,800
188.31	7,769	15,736	188.83	8,178	19,882
188.32	7,777	15,814	188.84	8,185	19,964
188.33	7,785	15,891	188.85	8,193	20,046
188.34	7,793	15,969	188.86	8,201	20,128
188.35	7,801	16,047	188.87	8,209	20,210
188.36	7,809	16,125	188.88	8,217	20,292
188.37	7,816	16,203	188.89	8,225	20,374
188.38	7,824	16,282	188.90	8,233	20,456
188.39	7,832	16,360	188.91	8,240	20,539
188.40	7,840	16,438	188.92	8,248	20,621
188.41	7,848	16,517	188.93	8,256	20,704
188.42	7,856	16,595	188.94	8,264	20,786
188.43	7,864	16,674	188.95	8,272	20,869
188.44	7,871	16,752	188.96	8,280	20,952
188.45	7,879	16,831	188.97	8,287	21,035
188.46	7,887	16,910	188.98	8,295	21,117
188.47	7,895	16,989	188.99	8,303	21,200
188.48	7,903	17,068	189.00	8,311	21,284
188.49	7,911	17,147	189.01	8,314	21,367
188.50	7,919	17,226	189.02	8,317	21,450
188.51	7,926	17,305	189.03	8,320	21,533
188.52	7,934	17,385	189.04	8,323	21,616
188.53	7,942	17,464	189.05	8,326	21,699
188.54	7,950	17,543	189.06	8,329	21,783
188.55	7,958	17,623	189.07	8,332	21,866
188.56	7,966	17,703	189.08	8,335	21,949
188.57	7,973	17,782	189.09	8,338	22,033
188.58	7,981	17,862	189.10	8,341	22,116
188.59	7,989	17,942	189.11	8,345	22,200

Stage-Area-Storage for Pond B-29: Basin #29 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.12	8,348	22,283	189.64	8,506	26,665
189.13	8,351	22,367	189.65	8,509	26,750
189.14	8,354	22,450	189.66	8,512	26,835
189.15	8,357	22,534	189.67	8,515	26,920
189.16	8,360	22,617	189.68	8,518	27,005
189.17	8,363	22,701	189.69	8,521	27,091
189.18	8,366	22,784	189.70	8,524	27,176
189.19	8,369	22,868	189.71	8,528	27,261
189.20	8,372	22,952	189.72	8,531	27,346
189.21	8,375	23,036	189.73	8,534	27,432
189.22	8,378	23,119	189.74	8,537	27,517
189.23	8,381	23,203	189.75	8,540	27,603
189.24	8,384	23,287	189.76	8,543	27,688
189.25	8,387	23,371	189.77	8,546	27,773
189.26	8,390	23,455	189.78	8,549	27,859
189.27	8,393	23,539	189.79	8,552	27,944
189.28	8,396	23,623	189.80	8,555	28,030
189.29	8,399	23,707	189.81	8,558	28,115
189.30	8,403	23,791	189.82	8,561	28,201
189.31	8,406	23,875	189.83	8,564	28,287
189.32	8,409	23,959	189.84	8,567	28,372
189.33	8,412	24,043	189.85	8,570	28,458
189.34	8,415	24,127	189.86	8,573	28,544
189.35	8,418	24,211	189.87	8,576	28,629
189.36	8,421	24,295	189.88	8,579	28,715
189.37	8,424	24,379	189.89	8,582	28,801
189.38	8,427	24,464	189.90	8,586	28,887
189.39	8,430	24,548	189.91	8,589	28,973
189.40	8,433	24,632	189.92	8,592	29,059
189.41	8,436	24,717	189.93	8,595	29,145
189.42	8,439	24,801	189.94	8,598	29,231
189.43	8,442	24,885	189.95	8,601	29,317
189.44	8,445	24,970	189.96	8,604	29,403
189.45	8,448	25,054	189.97	8,607	29,489
189.46	8,451	25,139	189.98	8,610	29,575
189.47	8,454	25,223	189.99	8,613	29,661
189.48	8,457	25,308	190.00	8,616	29,747
189.49	8,460	25,393			
189.50	8,464	25,477			
189.51	8,467	25,562			
189.52	8,470	25,646			
189.53	8,473	25,731			
189.54	8,476	25,816			
189.55	8,479	25,901			
189.56	8,482	25,985			
189.57	8,485	26,070			
189.58	8,488	26,155			
189.59	8,491	26,240			
189.60	8,494	26,325			
189.61	8,497	26,410			
189.62	8,500	26,495			
189.63	8,503	26,580			

Summary for Pond B-30: Basin #30

Inflow Area = 5.727 ac, 37.05% Impervious, Inflow Depth > 8.29" for Future 100 yr event
 Inflow = 32.02 cfs @ 12.09 hrs, Volume= 3.956 af
 Outflow = 8.94 cfs @ 12.80 hrs, Volume= 3.264 af, Atten= 72%, Lag= 42.7 min
 Primary = 8.94 cfs @ 12.80 hrs, Volume= 3.264 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 179.48' @ 12.80 hrs Surf.Area= 19,787 sf Storage= 63,016 cf

Plug-Flow detention time= 271.3 min calculated for 3.264 af (83% of inflow)
 Center-of-Mass det. time= 141.2 min (1,039.1 - 897.9)

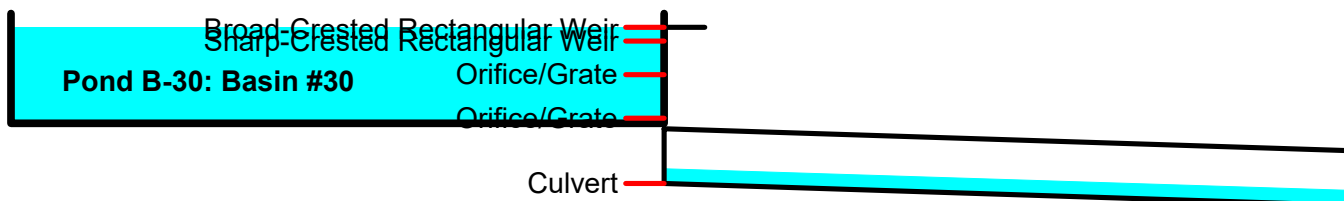
Volume	Invert	Avail.Storage	Storage Description
#1	176.00'	73,383 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
176.00	16,422	0	0
177.00	17,374	16,898	16,898
178.00	18,337	17,856	34,754
179.00	19,315	18,826	53,580
180.00	20,292	19,804	73,383

Device	Routing	Invert	Outlet Devices
#1	Primary	173.80'	24.0" Round Culvert L= 85.0' Ke= 0.500 Inlet / Outlet Invert= 173.80' / 173.00' S= 0.0094 '/' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	176.18'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	177.77'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	179.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	179.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

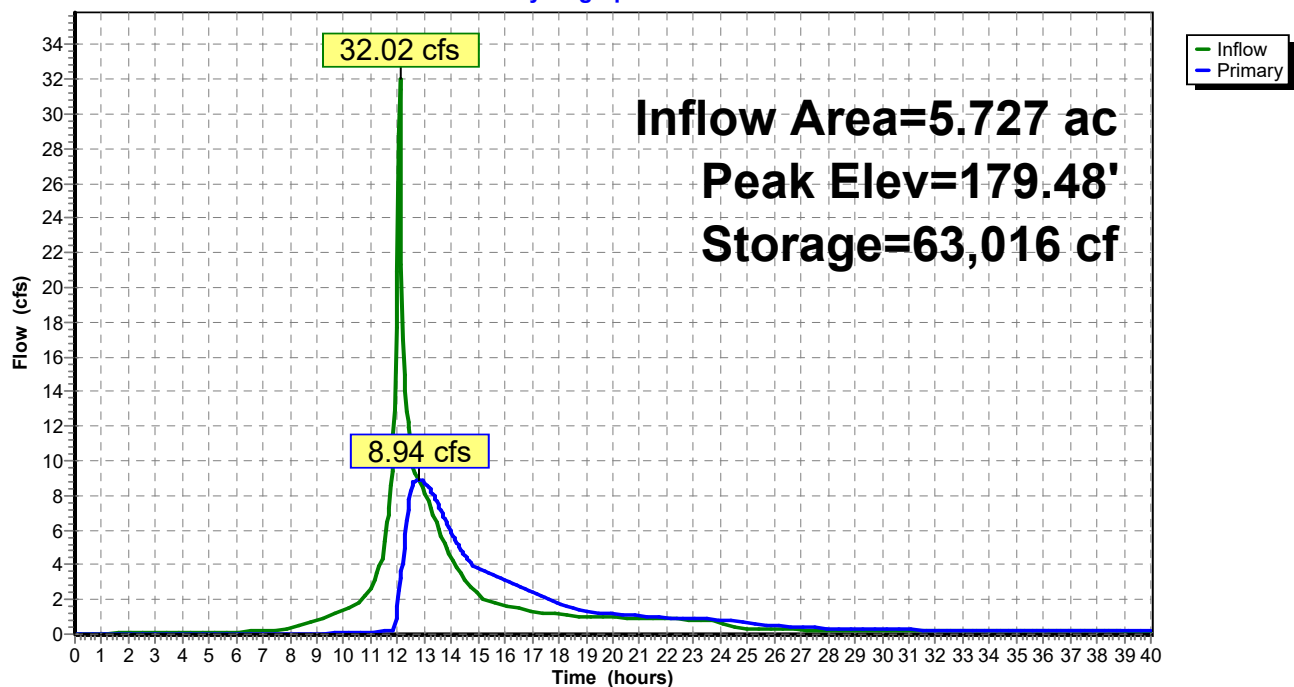
Primary OutFlow Max=8.94 cfs @ 12.80 hrs HW=179.48' (Free Discharge)

1=Culvert (Passes 8.94 cfs of 32.73 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.29 cfs @ 8.61 fps)
 3=Orifice/Grate (Orifice Controls 4.36 cfs @ 5.82 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 4.28 cfs @ 2.27 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-30: Basin #30

Hydrograph



Hydrograph for Pond B-30: Basin #30

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	176.00	0.00
0.10	0.00	0	176.00	0.00
0.20	0.00	0	176.00	0.00
0.30	0.00	0	176.00	0.00
0.40	0.00	1	176.00	0.00
0.50	0.01	3	176.00	0.00
0.60	0.02	9	176.00	0.00
0.70	0.02	16	176.00	0.00
0.80	0.03	26	176.00	0.00
0.90	0.03	37	176.00	0.00
1.00	0.04	50	176.00	0.00
1.10	0.04	65	176.00	0.00
1.20	0.05	81	176.00	0.00
1.30	0.05	97	176.01	0.00
1.40	0.05	115	176.01	0.00
1.50	0.05	135	176.01	0.00
1.60	0.06	154	176.01	0.00
1.70	0.06	175	176.01	0.00
1.80	0.06	197	176.01	0.00
1.90	0.06	220	176.01	0.00
2.00	0.07	243	176.01	0.00
2.10	0.07	267	176.02	0.00
2.20	0.07	291	176.02	0.00
2.30	0.07	317	176.02	0.00
2.40	0.07	342	176.02	0.00
2.50	0.07	369	176.02	0.00
2.60	0.08	396	176.02	0.00
2.70	0.08	423	176.03	0.00
2.80	0.08	451	176.03	0.00
2.90	0.08	480	176.03	0.00
3.00	0.08	509	176.03	0.00
3.10	0.08	538	176.03	0.00
3.20	0.08	568	176.03	0.00
3.30	0.08	599	176.04	0.00
3.40	0.09	629	176.04	0.00
3.50	0.09	661	176.04	0.00
3.60	0.09	692	176.04	0.00
3.70	0.09	724	176.04	0.00
3.80	0.09	757	176.05	0.00
3.90	0.09	789	176.05	0.00
4.00	0.09	823	176.05	0.00
4.10	0.09	856	176.05	0.00
4.20	0.09	890	176.05	0.00
4.30	0.10	924	176.06	0.00
4.40	0.10	959	176.06	0.00
4.50	0.10	994	176.06	0.00
4.60	0.10	1,029	176.06	0.00
4.70	0.10	1,065	176.06	0.00
4.80	0.10	1,101	176.07	0.00
4.90	0.10	1,137	176.07	0.00
5.00	0.10	1,174	176.07	0.00
5.10	0.10	1,211	176.07	0.00

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,249	176.08	0.00
5.30	0.11	1,289	176.08	0.00
5.40	0.12	1,330	176.08	0.00
5.50	0.12	1,372	176.08	0.00
5.60	0.12	1,416	176.09	0.00
5.70	0.13	1,461	176.09	0.00
5.80	0.13	1,507	176.09	0.00
5.90	0.13	1,555	176.09	0.00
6.00	0.14	1,604	176.10	0.00
6.10	0.14	1,655	176.10	0.00
6.20	0.15	1,709	176.10	0.00
6.30	0.16	1,765	176.11	0.00
6.40	0.17	1,823	176.11	0.00
6.50	0.17	1,884	176.11	0.00
6.60	0.18	1,948	176.12	0.00
6.70	0.19	2,014	176.12	0.00
6.80	0.19	2,082	176.13	0.00
6.90	0.20	2,154	176.13	0.00
7.00	0.21	2,228	176.14	0.00
7.10	0.22	2,305	176.14	0.00
7.20	0.23	2,385	176.14	0.00
7.30	0.23	2,468	176.15	0.00
7.40	0.24	2,554	176.15	0.00
7.50	0.25	2,644	176.16	0.00
7.60	0.26	2,736	176.17	0.00
7.70	0.27	2,831	176.17	0.00
7.80	0.28	2,930	176.18	0.00
7.90	0.31	3,037	176.18	0.00
8.00	0.35	3,156	176.19	0.00
8.10	0.38	3,288	176.20	0.00
8.20	0.43	3,433	176.21	0.00
8.30	0.47	3,594	176.22	0.00
8.40	0.51	3,769	176.23	0.00
8.50	0.55	3,959	176.24	0.01
8.60	0.60	4,163	176.25	0.01
8.70	0.64	4,381	176.26	0.01
8.80	0.67	4,612	176.28	0.02
8.90	0.71	4,855	176.29	0.02
9.00	0.75	5,110	176.31	0.03
9.10	0.81	5,380	176.32	0.03
9.20	0.86	5,668	176.34	0.04
9.30	0.92	5,974	176.36	0.05
9.40	0.98	6,299	176.38	0.05
9.50	1.04	6,643	176.40	0.06
9.60	1.10	7,008	176.42	0.06
9.70	1.17	7,395	176.44	0.07
9.80	1.23	7,803	176.47	0.07
9.90	1.30	8,233	176.49	0.08
10.00	1.37	8,686	176.52	0.08
10.10	1.44	9,162	176.55	0.08
10.20	1.51	9,661	176.58	0.09
10.30	1.58	10,185	176.61	0.09

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	1.65	10,733	176.64	0.10
10.50	1.74	11,308	176.68	0.10
10.60	1.89	11,926	176.71	0.11
10.70	2.07	12,603	176.75	0.11
10.80	2.26	13,344	176.79	0.12
10.90	2.47	14,156	176.84	0.12
11.00	2.70	15,045	176.89	0.13
11.10	3.04	16,038	176.95	0.13
11.20	3.42	17,159	177.02	0.14
11.30	3.83	18,420	177.09	0.15
11.40	4.27	19,831	177.17	0.15
11.50	4.78	21,398	177.26	0.16
11.60	6.46	23,409	177.37	0.17
11.70	7.23	25,807	177.51	0.18
11.80	9.43	28,777	177.67	0.19
11.90	12.90	32,745	177.89	0.41
12.00	20.87	38,630	178.21	1.63
12.10	31.46	47,648	178.69	3.19
12.20	16.97	54,535	179.05	4.08
12.30	14.06	58,242	179.24	5.78
12.40	12.24	60,568	179.36	7.22
12.50	11.59	62,065	179.43	8.25
12.60	9.64	62,756	179.47	8.75
12.70	9.25	62,961	179.48	8.90
12.80	8.94	63,016	179.48	8.94
12.90	8.61	62,957	179.48	8.89
13.00	8.22	62,798	179.47	8.78
13.10	7.77	62,541	179.46	8.59
13.20	7.39	62,216	179.44	8.35
13.30	7.00	61,841	179.42	8.09
13.40	6.58	61,421	179.40	7.79
13.50	6.15	60,957	179.38	7.48
13.60	5.71	60,454	179.35	7.14
13.70	5.37	59,935	179.33	6.81
13.80	5.04	59,414	179.30	6.48
13.90	4.71	58,892	179.27	6.16
14.00	4.39	58,366	179.25	5.86
14.10	4.10	57,838	179.22	5.56
14.20	3.84	57,315	179.19	5.28
14.30	3.60	56,801	179.17	5.02
14.40	3.39	56,295	179.14	4.78
14.50	3.18	55,798	179.11	4.55
14.60	2.98	55,304	179.09	4.35
14.70	2.79	54,810	179.06	4.17
14.80	2.61	54,310	179.04	4.00
14.90	2.43	53,794	179.01	3.89
15.00	2.27	53,256	178.98	3.80
15.10	2.13	52,687	178.95	3.75
15.20	2.03	52,096	178.92	3.69
15.30	1.95	51,495	178.89	3.62
15.40	1.89	50,891	178.86	3.56
15.50	1.83	50,288	178.83	3.50

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	1.78	49,690	178.80	3.43
15.70	1.73	49,099	178.77	3.36
15.80	1.69	48,516	178.74	3.30
15.90	1.66	47,944	178.71	3.23
16.00	1.62	47,383	178.68	3.16
16.10	1.59	46,834	178.65	3.09
16.20	1.56	46,299	178.62	3.03
16.30	1.53	45,777	178.59	2.96
16.40	1.50	45,269	178.56	2.89
16.50	1.47	44,775	178.54	2.82
16.60	1.45	44,297	178.51	2.75
16.70	1.42	43,833	178.49	2.68
16.80	1.39	43,384	178.46	2.62
16.90	1.37	42,951	178.44	2.55
17.00	1.34	42,533	178.42	2.48
17.10	1.32	42,130	178.40	2.41
17.20	1.29	41,743	178.38	2.35
17.30	1.27	41,372	178.36	2.28
17.40	1.25	41,017	178.34	2.21
17.50	1.23	40,680	178.32	2.15
17.60	1.21	40,360	178.30	2.08
17.70	1.19	40,058	178.29	2.01
17.80	1.17	39,772	178.27	1.94
17.90	1.15	39,505	178.26	1.87
18.00	1.13	39,256	178.24	1.80
18.10	1.12	39,024	178.23	1.74
18.20	1.10	38,807	178.22	1.68
18.30	1.09	38,607	178.21	1.63
18.40	1.08	38,421	178.20	1.58
18.50	1.07	38,249	178.19	1.54
18.60	1.07	38,088	178.18	1.50
18.70	1.06	37,939	178.17	1.46
18.80	1.05	37,801	178.17	1.42
18.90	1.04	37,671	178.16	1.39
19.00	1.04	37,551	178.15	1.36
19.10	1.03	37,438	178.15	1.33
19.20	1.03	37,333	178.14	1.31
19.30	1.02	37,234	178.13	1.29
19.40	1.01	37,141	178.13	1.26
19.50	1.01	37,054	178.13	1.24
19.60	1.00	36,972	178.12	1.22
19.70	1.00	36,895	178.12	1.20
19.80	0.99	36,823	178.11	1.19
19.90	0.99	36,754	178.11	1.17
20.00	0.98	36,689	178.11	1.16
20.10	0.98	36,627	178.10	1.14
20.20	0.97	36,568	178.10	1.13
20.30	0.96	36,511	178.10	1.12
20.40	0.96	36,458	178.09	1.10
20.50	0.95	36,407	178.09	1.09
20.60	0.95	36,358	178.09	1.08
20.70	0.94	36,312	178.08	1.07

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.94	36,267	178.08	1.06
20.90	0.93	36,223	178.08	1.05
21.00	0.93	36,182	178.08	1.04
21.10	0.92	36,141	178.08	1.03
21.20	0.92	36,102	178.07	1.02
21.30	0.92	36,065	178.07	1.02
21.40	0.91	36,028	178.07	1.01
21.50	0.90	35,992	178.07	1.00
21.60	0.90	35,957	178.07	0.99
21.70	0.89	35,923	178.06	0.99
21.80	0.89	35,890	178.06	0.98
21.90	0.88	35,858	178.06	0.97
22.00	0.88	35,826	178.06	0.97
22.10	0.87	35,794	178.06	0.96
22.20	0.87	35,764	178.05	0.95
22.30	0.86	35,733	178.05	0.95
22.40	0.86	35,703	178.05	0.94
22.50	0.85	35,674	178.05	0.93
22.60	0.85	35,645	178.05	0.93
22.70	0.84	35,617	178.05	0.92
22.80	0.84	35,588	178.05	0.91
22.90	0.83	35,560	178.04	0.91
23.00	0.83	35,533	178.04	0.90
23.10	0.82	35,505	178.04	0.90
23.20	0.82	35,478	178.04	0.89
23.30	0.81	35,451	178.04	0.89
23.40	0.81	35,424	178.04	0.88
23.50	0.80	35,397	178.04	0.87
23.60	0.79	35,370	178.03	0.87
23.70	0.79	35,344	178.03	0.86
23.80	0.78	35,317	178.03	0.86
23.90	0.78	35,290	178.03	0.85
24.00	0.82	35,276	178.03	0.85
24.10	0.51	35,201	178.02	0.84
24.20	0.48	35,082	178.02	0.81
24.30	0.45	34,960	178.01	0.79
24.40	0.42	34,838	178.00	0.76
24.50	0.40	34,715	178.00	0.74
24.60	0.38	34,594	177.99	0.72
24.70	0.37	34,475	177.98	0.69
24.80	0.35	34,359	177.98	0.67
24.90	0.34	34,246	177.97	0.65
25.00	0.33	34,136	177.97	0.63
25.10	0.32	34,031	177.96	0.61
25.20	0.32	33,928	177.95	0.60
25.30	0.31	33,830	177.95	0.58
25.40	0.30	33,734	177.94	0.56
25.50	0.30	33,642	177.94	0.55
25.60	0.29	33,552	177.93	0.53
25.70	0.29	33,467	177.93	0.52
25.80	0.28	33,384	177.93	0.51
25.90	0.28	33,305	177.92	0.49

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.27	33,229	177.92	0.48
26.10	0.27	33,156	177.91	0.47
26.20	0.27	33,086	177.91	0.46
26.30	0.27	33,019	177.91	0.45
26.40	0.26	32,954	177.90	0.44
26.50	0.26	32,892	177.90	0.43
26.60	0.26	32,832	177.89	0.42
26.70	0.26	32,775	177.89	0.41
26.80	0.26	32,720	177.89	0.41
26.90	0.26	32,668	177.89	0.40
27.00	0.25	32,617	177.88	0.39
27.10	0.25	32,568	177.88	0.38
27.20	0.25	32,521	177.88	0.38
27.30	0.25	32,476	177.88	0.37
27.40	0.25	32,432	177.87	0.37
27.50	0.25	32,389	177.87	0.36
27.60	0.24	32,348	177.87	0.36
27.70	0.24	32,308	177.87	0.35
27.80	0.24	32,269	177.86	0.35
27.90	0.24	32,231	177.86	0.34
28.00	0.24	32,195	177.86	0.34
28.10	0.24	32,159	177.86	0.33
28.20	0.24	32,125	177.86	0.33
28.30	0.23	32,092	177.85	0.33
28.40	0.23	32,059	177.85	0.32
28.50	0.23	32,028	177.85	0.32
28.60	0.23	31,998	177.85	0.31
28.70	0.23	31,968	177.85	0.31
28.80	0.23	31,940	177.85	0.31
28.90	0.23	31,912	177.84	0.30
29.00	0.23	31,885	177.84	0.30
29.10	0.23	31,859	177.84	0.30
29.20	0.23	31,834	177.84	0.29
29.30	0.22	31,809	177.84	0.29
29.40	0.22	31,785	177.84	0.29
29.50	0.22	31,762	177.84	0.29
29.60	0.22	31,738	177.83	0.29
29.70	0.22	31,715	177.83	0.28
29.80	0.22	31,693	177.83	0.28
29.90	0.22	31,671	177.83	0.28
30.00	0.22	31,649	177.83	0.28
30.10	0.22	31,628	177.83	0.28
30.20	0.22	31,607	177.83	0.27
30.30	0.22	31,587	177.83	0.27
30.40	0.21	31,567	177.83	0.27
30.50	0.21	31,547	177.82	0.27
30.60	0.21	31,528	177.82	0.27
30.70	0.21	31,508	177.82	0.26
30.80	0.21	31,490	177.82	0.26
30.90	0.21	31,471	177.82	0.26
31.00	0.21	31,453	177.82	0.26
31.10	0.21	31,436	177.82	0.26

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.21	31,418	177.82	0.26
31.30	0.21	31,401	177.82	0.25
31.40	0.21	31,384	177.82	0.25
31.50	0.21	31,368	177.81	0.25
31.60	0.20	31,351	177.81	0.25
31.70	0.20	31,335	177.81	0.25
31.80	0.20	31,319	177.81	0.25
31.90	0.20	31,304	177.81	0.25
32.00	0.20	31,289	177.81	0.24
32.10	0.20	31,273	177.81	0.24
32.20	0.20	31,259	177.81	0.24
32.30	0.20	31,244	177.81	0.24
32.40	0.20	31,230	177.81	0.24
32.50	0.20	31,215	177.81	0.24
32.60	0.20	31,202	177.81	0.24
32.70	0.20	31,188	177.80	0.23
32.80	0.20	31,174	177.80	0.23
32.90	0.20	31,161	177.80	0.23
33.00	0.19	31,148	177.80	0.23
33.10	0.19	31,135	177.80	0.23
33.20	0.19	31,122	177.80	0.23
33.30	0.19	31,109	177.80	0.23
33.40	0.19	31,096	177.80	0.23
33.50	0.19	31,084	177.80	0.23
33.60	0.19	31,071	177.80	0.23
33.70	0.19	31,059	177.80	0.22
33.80	0.19	31,046	177.80	0.22
33.90	0.19	31,033	177.80	0.22
34.00	0.19	31,021	177.80	0.22
34.10	0.19	31,008	177.79	0.22
34.20	0.19	30,995	177.79	0.22
34.30	0.19	30,982	177.79	0.22
34.40	0.18	30,970	177.79	0.22
34.50	0.18	30,957	177.79	0.22
34.60	0.18	30,944	177.79	0.22
34.70	0.18	30,931	177.79	0.22
34.80	0.18	30,918	177.79	0.22
34.90	0.18	30,905	177.79	0.22
35.00	0.18	30,892	177.79	0.22
35.10	0.18	30,879	177.79	0.22
35.20	0.18	30,867	177.79	0.22
35.30	0.18	30,854	177.79	0.21
35.40	0.18	30,841	177.79	0.21
35.50	0.18	30,828	177.78	0.21
35.60	0.18	30,815	177.78	0.21
35.70	0.18	30,802	177.78	0.21
35.80	0.18	30,789	177.78	0.21
35.90	0.17	30,776	177.78	0.21
36.00	0.17	30,762	177.78	0.21
36.10	0.17	30,749	177.78	0.21
36.20	0.17	30,736	177.78	0.21
36.30	0.17	30,723	177.78	0.21

Hydrograph for Pond B-30: Basin #30 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.17	30,710	177.78	0.21
36.50	0.17	30,697	177.78	0.21
36.60	0.17	30,684	177.78	0.21
36.70	0.17	30,671	177.78	0.21
36.80	0.17	30,657	177.78	0.20
36.90	0.17	30,644	177.77	0.20
37.00	0.17	30,631	177.77	0.20
37.10	0.17	30,618	177.77	0.20
37.20	0.17	30,605	177.77	0.20
37.30	0.16	30,591	177.77	0.20
37.40	0.16	30,578	177.77	0.20
37.50	0.16	30,565	177.77	0.20
37.60	0.16	30,552	177.77	0.20
37.70	0.16	30,538	177.77	0.20
37.80	0.16	30,524	177.77	0.20
37.90	0.16	30,510	177.77	0.20
38.00	0.16	30,496	177.77	0.20
38.10	0.16	30,481	177.77	0.20
38.20	0.16	30,467	177.76	0.20
38.30	0.16	30,452	177.76	0.20
38.40	0.16	30,437	177.76	0.20
38.50	0.16	30,421	177.76	0.20
38.60	0.16	30,406	177.76	0.20
38.70	0.16	30,390	177.76	0.20
38.80	0.15	30,374	177.76	0.20
38.90	0.15	30,357	177.76	0.20
39.00	0.15	30,341	177.76	0.20
39.10	0.15	30,324	177.76	0.20
39.20	0.15	30,307	177.76	0.20
39.30	0.15	30,290	177.75	0.20
39.40	0.15	30,272	177.75	0.20
39.50	0.15	30,255	177.75	0.20
39.60	0.15	30,237	177.75	0.20
39.70	0.15	30,218	177.75	0.20
39.80	0.15	30,200	177.75	0.20
39.90	0.15	30,181	177.75	0.20
40.00	0.15	30,163	177.75	0.20

Stage-Discharge for Pond B-30: Basin #30

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
176.00	0.00	176.52	0.08	177.04	0.14	177.56	0.19
176.01	0.00	176.53	0.08	177.05	0.14	177.57	0.19
176.02	0.00	176.54	0.08	177.06	0.14	177.58	0.19
176.03	0.00	176.55	0.08	177.07	0.15	177.59	0.19
176.04	0.00	176.56	0.09	177.08	0.15	177.60	0.19
176.05	0.00	176.57	0.09	177.09	0.15	177.61	0.19
176.06	0.00	176.58	0.09	177.10	0.15	177.62	0.19
176.07	0.00	176.59	0.09	177.11	0.15	177.63	0.19
176.08	0.00	176.60	0.09	177.12	0.15	177.64	0.19
176.09	0.00	176.61	0.09	177.13	0.15	177.65	0.19
176.10	0.00	176.62	0.10	177.14	0.15	177.66	0.19
176.11	0.00	176.63	0.10	177.15	0.15	177.67	0.19
176.12	0.00	176.64	0.10	177.16	0.15	177.68	0.19
176.13	0.00	176.65	0.10	177.17	0.15	177.69	0.19
176.14	0.00	176.66	0.10	177.18	0.16	177.70	0.20
176.15	0.00	176.67	0.10	177.19	0.16	177.71	0.20
176.16	0.00	176.68	0.10	177.20	0.16	177.72	0.20
176.17	0.00	176.69	0.10	177.21	0.16	177.73	0.20
176.18	0.00	176.70	0.11	177.22	0.16	177.74	0.20
176.19	0.00	176.71	0.11	177.23	0.16	177.75	0.20
176.20	0.00	176.72	0.11	177.24	0.16	177.76	0.20
176.21	0.00	176.73	0.11	177.25	0.16	177.77	0.20
176.22	0.00	176.74	0.11	177.26	0.16	177.78	0.21
176.23	0.00	176.75	0.11	177.27	0.16	177.79	0.22
176.24	0.01	176.76	0.11	177.28	0.16	177.80	0.23
176.25	0.01	176.77	0.11	177.29	0.16	177.81	0.24
176.26	0.01	176.78	0.12	177.30	0.17	177.82	0.26
176.27	0.01	176.79	0.12	177.31	0.17	177.83	0.27
176.28	0.02	176.80	0.12	177.32	0.17	177.84	0.29
176.29	0.02	176.81	0.12	177.33	0.17	177.85	0.31
176.30	0.02	176.82	0.12	177.34	0.17	177.86	0.34
176.31	0.03	176.83	0.12	177.35	0.17	177.87	0.36
176.32	0.03	176.84	0.12	177.36	0.17	177.88	0.38
176.33	0.03	176.85	0.12	177.37	0.17	177.89	0.41
176.34	0.04	176.86	0.12	177.38	0.17	177.90	0.43
176.35	0.04	176.87	0.13	177.39	0.17	177.91	0.46
176.36	0.05	176.88	0.13	177.40	0.17	177.92	0.49
176.37	0.05	176.89	0.13	177.41	0.17	177.93	0.52
176.38	0.05	176.90	0.13	177.42	0.17	177.94	0.55
176.39	0.05	176.91	0.13	177.43	0.18	177.95	0.58
176.40	0.06	176.92	0.13	177.44	0.18	177.96	0.61
176.41	0.06	176.93	0.13	177.45	0.18	177.97	0.64
176.42	0.06	176.94	0.13	177.46	0.18	177.98	0.68
176.43	0.06	176.95	0.13	177.47	0.18	177.99	0.71
176.44	0.06	176.96	0.13	177.48	0.18	178.00	0.75
176.45	0.07	176.97	0.14	177.49	0.18	178.01	0.78
176.46	0.07	176.98	0.14	177.50	0.18	178.02	0.82
176.47	0.07	176.99	0.14	177.51	0.18	178.03	0.86
176.48	0.07	177.00	0.14	177.52	0.18	178.04	0.89
176.49	0.07	177.01	0.14	177.53	0.18	178.05	0.93
176.50	0.08	177.02	0.14	177.54	0.18	178.06	0.97
176.51	0.08	177.03	0.14	177.55	0.18	178.07	1.01

Stage-Discharge for Pond B-30: Basin #30 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
178.08	1.05	178.60	2.98	179.12	4.60	179.64	17.55
178.09	1.09	178.61	3.00	179.13	4.68	179.65	18.38
178.10	1.13	178.62	3.03	179.14	4.77	179.66	19.25
178.11	1.18	178.63	3.05	179.15	4.86	179.67	20.14
178.12	1.22	178.64	3.08	179.16	4.96	179.68	21.05
178.13	1.26	178.65	3.10	179.17	5.05	179.69	21.98
178.14	1.31	178.66	3.12	179.18	5.15	179.70	22.94
178.15	1.35	178.67	3.15	179.19	5.25	179.71	23.95
178.16	1.40	178.68	3.17	179.20	5.35	179.72	25.00
178.17	1.44	178.69	3.19	179.21	5.46	179.73	26.07
178.18	1.49	178.70	3.22	179.22	5.56	179.74	27.16
178.19	1.54	178.71	3.24	179.23	5.67	179.75	28.28
178.20	1.58	178.72	3.26	179.24	5.78	179.76	29.43
178.21	1.63	178.73	3.28	179.25	5.90	179.77	30.60
178.22	1.68	178.74	3.31	179.26	6.01	179.78	31.80
178.23	1.73	178.75	3.33	179.27	6.12	179.79	33.03
178.24	1.78	178.76	3.35	179.28	6.24	179.80	34.28
178.25	1.83	178.77	3.37	179.29	6.36	179.81	35.55
178.26	1.88	178.78	3.39	179.30	6.48	179.82	36.85
178.27	1.93	178.79	3.41	179.31	6.60	179.83	38.18
178.28	1.98	178.80	3.44	179.32	6.73	179.84	39.53
178.29	2.02	178.81	3.46	179.33	6.85	179.85	40.90
178.30	2.07	178.82	3.48	179.34	6.98	179.86	42.30
178.31	2.11	178.83	3.50	179.35	7.11	179.87	43.73
178.32	2.14	178.84	3.52	179.36	7.24	179.88	45.18
178.33	2.18	178.85	3.54	179.37	7.37	179.89	46.65
178.34	2.22	178.86	3.56	179.38	7.50	179.90	48.16
178.35	2.25	178.87	3.58	179.39	7.63	179.91	49.71
178.36	2.29	178.88	3.60	179.40	7.77	179.92	51.29
178.37	2.32	178.89	3.62	179.41	7.91	179.93	52.89
178.38	2.36	178.90	3.64	179.42	8.04	179.94	54.52
178.39	2.39	178.91	3.66	179.43	8.18	179.95	56.18
178.40	2.42	178.92	3.68	179.44	8.32	179.96	57.87
178.41	2.45	178.93	3.70	179.45	8.46	179.97	59.58
178.42	2.48	178.94	3.72	179.46	8.61	179.98	61.32
178.43	2.51	178.95	3.74	179.47	8.75	179.99	63.09
178.44	2.54	178.96	3.76	179.48	8.90	180.00	64.89
178.45	2.57	178.97	3.78	179.49	9.04		
178.46	2.60	178.98	3.80	179.50	9.19		
178.47	2.63	178.99	3.82	179.51	9.46		
178.48	2.66	179.00	3.84	179.52	9.82		
178.49	2.69	179.01	3.87	179.53	10.25		
178.50	2.72	179.02	3.91	179.54	10.73		
178.51	2.74	179.03	3.96	179.55	11.26		
178.52	2.77	179.04	4.01	179.56	11.83		
178.53	2.80	179.05	4.07	179.57	12.43		
178.54	2.82	179.06	4.14	179.58	13.07		
178.55	2.85	179.07	4.21	179.59	13.74		
178.56	2.88	179.08	4.28	179.60	14.45		
178.57	2.90	179.09	4.35	179.61	15.18		
178.58	2.93	179.10	4.43	179.62	15.94		
178.59	2.95	179.11	4.51	179.63	16.73		

Stage-Area-Storage for Pond B-30: Basin #30

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
176.00	16,422	0	176.52	16,917	8,668
176.01	16,432	164	176.53	16,927	8,837
176.02	16,441	329	176.54	16,936	9,007
176.03	16,451	493	176.55	16,946	9,176
176.04	16,460	658	176.56	16,955	9,346
176.05	16,470	822	176.57	16,965	9,515
176.06	16,479	987	176.58	16,974	9,685
176.07	16,489	1,152	176.59	16,984	9,855
176.08	16,498	1,317	176.60	16,993	10,025
176.09	16,508	1,482	176.61	17,003	10,195
176.10	16,517	1,647	176.62	17,012	10,365
176.11	16,527	1,812	176.63	17,022	10,535
176.12	16,536	1,977	176.64	17,031	10,705
176.13	16,546	2,143	176.65	17,041	10,875
176.14	16,555	2,308	176.66	17,050	11,046
176.15	16,565	2,474	176.67	17,060	11,216
176.16	16,574	2,640	176.68	17,069	11,387
176.17	16,584	2,805	176.69	17,079	11,558
176.18	16,593	2,971	176.70	17,088	11,729
176.19	16,603	3,137	176.71	17,098	11,900
176.20	16,612	3,303	176.72	17,107	12,071
176.21	16,622	3,470	176.73	17,117	12,242
176.22	16,631	3,636	176.74	17,126	12,413
176.23	16,641	3,802	176.75	17,136	12,584
176.24	16,650	3,969	176.76	17,146	12,756
176.25	16,660	4,135	176.77	17,155	12,927
176.26	16,670	4,302	176.78	17,165	13,099
176.27	16,679	4,469	176.79	17,174	13,270
176.28	16,689	4,635	176.80	17,184	13,442
176.29	16,698	4,802	176.81	17,193	13,614
176.30	16,708	4,969	176.82	17,203	13,786
176.31	16,717	5,137	176.83	17,212	13,958
176.32	16,727	5,304	176.84	17,222	14,130
176.33	16,736	5,471	176.85	17,231	14,303
176.34	16,746	5,639	176.86	17,241	14,475
176.35	16,755	5,806	176.87	17,250	14,647
176.36	16,765	5,974	176.88	17,260	14,820
176.37	16,774	6,141	176.89	17,269	14,993
176.38	16,784	6,309	176.90	17,279	15,165
176.39	16,793	6,477	176.91	17,288	15,338
176.40	16,803	6,645	176.92	17,298	15,511
176.41	16,812	6,813	176.93	17,307	15,684
176.42	16,822	6,981	176.94	17,317	15,857
176.43	16,831	7,149	176.95	17,326	16,030
176.44	16,841	7,318	176.96	17,336	16,204
176.45	16,850	7,486	176.97	17,345	16,377
176.46	16,860	7,655	176.98	17,355	16,551
176.47	16,869	7,823	176.99	17,364	16,724
176.48	16,879	7,992	177.00	17,374	16,898
176.49	16,888	8,161	177.01	17,384	17,072
176.50	16,898	8,330	177.02	17,393	17,246
176.51	16,908	8,499	177.03	17,403	17,420

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.04	17,413	17,594	177.56	17,913	26,778
177.05	17,422	17,768	177.57	17,923	26,958
177.06	17,432	17,942	177.58	17,933	27,137
177.07	17,441	18,117	177.59	17,942	27,316
177.08	17,451	18,291	177.60	17,952	27,496
177.09	17,461	18,466	177.61	17,961	27,675
177.10	17,470	18,640	177.62	17,971	27,855
177.11	17,480	18,815	177.63	17,981	28,035
177.12	17,490	18,990	177.64	17,990	28,215
177.13	17,499	19,165	177.65	18,000	28,395
177.14	17,509	19,340	177.66	18,010	28,575
177.15	17,518	19,515	177.67	18,019	28,755
177.16	17,528	19,690	177.68	18,029	28,935
177.17	17,538	19,865	177.69	18,038	29,115
177.18	17,547	20,041	177.70	18,048	29,296
177.19	17,557	20,216	177.71	18,058	29,476
177.20	17,567	20,392	177.72	18,067	29,657
177.21	17,576	20,568	177.73	18,077	29,838
177.22	17,586	20,744	177.74	18,087	30,018
177.23	17,595	20,919	177.75	18,096	30,199
177.24	17,605	21,095	177.76	18,106	30,380
177.25	17,615	21,272	177.77	18,116	30,561
177.26	17,624	21,448	177.78	18,125	30,743
177.27	17,634	21,624	177.79	18,135	30,924
177.28	17,644	21,800	177.80	18,144	31,105
177.29	17,653	21,977	177.81	18,154	31,287
177.30	17,663	22,154	177.82	18,164	31,468
177.31	17,673	22,330	177.83	18,173	31,650
177.32	17,682	22,507	177.84	18,183	31,832
177.33	17,692	22,684	177.85	18,193	32,014
177.34	17,701	22,861	177.86	18,202	32,196
177.35	17,711	23,038	177.87	18,212	32,378
177.36	17,721	23,215	177.88	18,221	32,560
177.37	17,730	23,392	177.89	18,231	32,742
177.38	17,740	23,570	177.90	18,241	32,925
177.39	17,750	23,747	177.91	18,250	33,107
177.40	17,759	23,925	177.92	18,260	33,290
177.41	17,769	24,102	177.93	18,270	33,472
177.42	17,778	24,280	177.94	18,279	33,655
177.43	17,788	24,458	177.95	18,289	33,838
177.44	17,798	24,636	177.96	18,298	34,021
177.45	17,807	24,814	177.97	18,308	34,204
177.46	17,817	24,992	177.98	18,318	34,387
177.47	17,827	25,170	177.99	18,327	34,570
177.48	17,836	25,348	178.00	18,337	34,754
177.49	17,846	25,527	178.01	18,347	34,937
177.50	17,856	25,705	178.02	18,357	35,120
177.51	17,865	25,884	178.03	18,366	35,304
177.52	17,875	26,063	178.04	18,376	35,488
177.53	17,884	26,241	178.05	18,386	35,672
177.54	17,894	26,420	178.06	18,396	35,855
177.55	17,904	26,599	178.07	18,405	36,039

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.08	18,415	36,224	178.60	18,924	45,932
178.09	18,425	36,408	178.61	18,934	46,121
178.10	18,435	36,592	178.62	18,943	46,310
178.11	18,445	36,776	178.63	18,953	46,500
178.12	18,454	36,961	178.64	18,963	46,689
178.13	18,464	37,146	178.65	18,973	46,879
178.14	18,474	37,330	178.66	18,982	47,069
178.15	18,484	37,515	178.67	18,992	47,259
178.16	18,493	37,700	178.68	19,002	47,449
178.17	18,503	37,885	178.69	19,012	47,639
178.18	18,513	38,070	178.70	19,022	47,829
178.19	18,523	38,255	178.71	19,031	48,019
178.20	18,533	38,440	178.72	19,041	48,210
178.21	18,542	38,626	178.73	19,051	48,400
178.22	18,552	38,811	178.74	19,061	48,591
178.23	18,562	38,997	178.75	19,071	48,781
178.24	18,572	39,183	178.76	19,080	48,972
178.25	18,582	39,368	178.77	19,090	49,163
178.26	18,591	39,554	178.78	19,100	49,354
178.27	18,601	39,740	178.79	19,110	49,545
178.28	18,611	39,926	178.80	19,119	49,736
178.29	18,621	40,112	178.81	19,129	49,927
178.30	18,630	40,299	178.82	19,139	50,119
178.31	18,640	40,485	178.83	19,149	50,310
178.32	18,650	40,671	178.84	19,159	50,502
178.33	18,660	40,858	178.85	19,168	50,693
178.34	18,670	41,045	178.86	19,178	50,885
178.35	18,679	41,231	178.87	19,188	51,077
178.36	18,689	41,418	178.88	19,198	51,269
178.37	18,699	41,605	178.89	19,207	51,461
178.38	18,709	41,792	178.90	19,217	51,653
178.39	18,718	41,979	178.91	19,227	51,845
178.40	18,728	42,167	178.92	19,237	52,037
178.41	18,738	42,354	178.93	19,247	52,230
178.42	18,748	42,541	178.94	19,256	52,422
178.43	18,758	42,729	178.95	19,266	52,615
178.44	18,767	42,916	178.96	19,276	52,808
178.45	18,777	43,104	178.97	19,286	53,000
178.46	18,787	43,292	178.98	19,295	53,193
178.47	18,797	43,480	178.99	19,305	53,386
178.48	18,806	43,668	179.00	19,315	53,580
178.49	18,816	43,856	179.01	19,325	53,773
178.50	18,826	44,044	179.02	19,335	53,966
178.51	18,836	44,233	179.03	19,344	54,159
178.52	18,846	44,421	179.04	19,354	54,353
178.53	18,855	44,609	179.05	19,364	54,546
178.54	18,865	44,798	179.06	19,374	54,740
178.55	18,875	44,987	179.07	19,383	54,934
178.56	18,885	45,176	179.08	19,393	55,128
178.57	18,894	45,364	179.09	19,403	55,322
178.58	18,904	45,553	179.10	19,413	55,516
178.59	18,914	45,743	179.11	19,422	55,710

Stage-Area-Storage for Pond B-30: Basin #30 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.12	19,432	55,904	179.64	19,940	66,141
179.13	19,442	56,099	179.65	19,950	66,341
179.14	19,452	56,293	179.66	19,960	66,540
179.15	19,462	56,488	179.67	19,970	66,740
179.16	19,471	56,682	179.68	19,979	66,940
179.17	19,481	56,877	179.69	19,989	67,139
179.18	19,491	57,072	179.70	19,999	67,339
179.19	19,501	57,267	179.71	20,009	67,539
179.20	19,510	57,462	179.72	20,018	67,740
179.21	19,520	57,657	179.73	20,028	67,940
179.22	19,530	57,852	179.74	20,038	68,140
179.23	19,540	58,048	179.75	20,048	68,341
179.24	19,549	58,243	179.76	20,058	68,541
179.25	19,559	58,439	179.77	20,067	68,742
179.26	19,569	58,634	179.78	20,077	68,942
179.27	19,579	58,830	179.79	20,087	69,143
179.28	19,589	59,026	179.80	20,097	69,344
179.29	19,598	59,222	179.81	20,106	69,545
179.30	19,608	59,418	179.82	20,116	69,746
179.31	19,618	59,614	179.83	20,126	69,947
179.32	19,628	59,810	179.84	20,136	70,149
179.33	19,637	60,007	179.85	20,145	70,350
179.34	19,647	60,203	179.86	20,155	70,552
179.35	19,657	60,400	179.87	20,165	70,753
179.36	19,667	60,596	179.88	20,175	70,955
179.37	19,676	60,793	179.89	20,185	71,157
179.38	19,686	60,990	179.90	20,194	71,359
179.39	19,696	61,187	179.91	20,204	71,561
179.40	19,706	61,384	179.92	20,214	71,763
179.41	19,716	61,581	179.93	20,224	71,965
179.42	19,725	61,778	179.94	20,233	72,167
179.43	19,735	61,975	179.95	20,243	72,370
179.44	19,745	62,173	179.96	20,253	72,572
179.45	19,755	62,370	179.97	20,263	72,775
179.46	19,764	62,568	179.98	20,272	72,977
179.47	19,774	62,765	179.99	20,282	73,180
179.48	19,784	62,963	180.00	20,292	73,383
179.49	19,794	63,161			
179.50	19,804	63,359			
179.51	19,813	63,557			
179.52	19,823	63,755			
179.53	19,833	63,954			
179.54	19,843	64,152			
179.55	19,852	64,351			
179.56	19,862	64,549			
179.57	19,872	64,748			
179.58	19,882	64,947			
179.59	19,891	65,145			
179.60	19,901	65,344			
179.61	19,911	65,543			
179.62	19,921	65,743			
179.63	19,931	65,942			

Summary for Pond B-31: Basin #31

Inflow Area = 0.923 ac, 77.68% Impervious, Inflow Depth = 10.11" for Future 100 yr event
 Inflow = 11.34 cfs @ 12.07 hrs, Volume= 0.778 af
 Outflow = 3.69 cfs @ 12.21 hrs, Volume= 0.714 af, Atten= 67%, Lag= 8.8 min
 Primary = 3.69 cfs @ 12.21 hrs, Volume= 0.714 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.38' @ 12.21 hrs Surf.Area= 4,745 sf Storage= 11,298 cf

Plug-Flow detention time= 123.7 min calculated for 0.714 af (92% of inflow)
 Center-of-Mass det. time= 79.5 min (824.9 - 745.4)

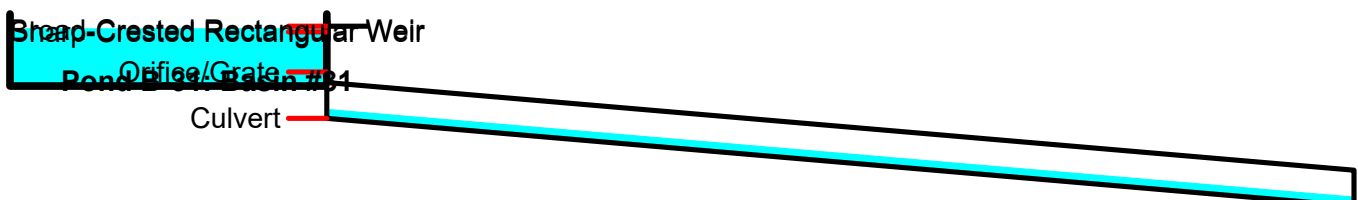
Volume	Invert	Avail.Storage	Storage Description
#1	193.00'	14,235 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
193.00	4,745	0	0
194.00	4,745	4,745	4,745
195.00	4,745	4,745	9,490
196.00	4,745	4,745	14,235

Device	Routing	Invert	Outlet Devices
#1	Primary	191.65'	18.0" Round Culvert L= 126.0' Ke= 0.500 Inlet / Outlet Invert= 191.65' / 188.00' S= 0.0290 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	193.58'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	195.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

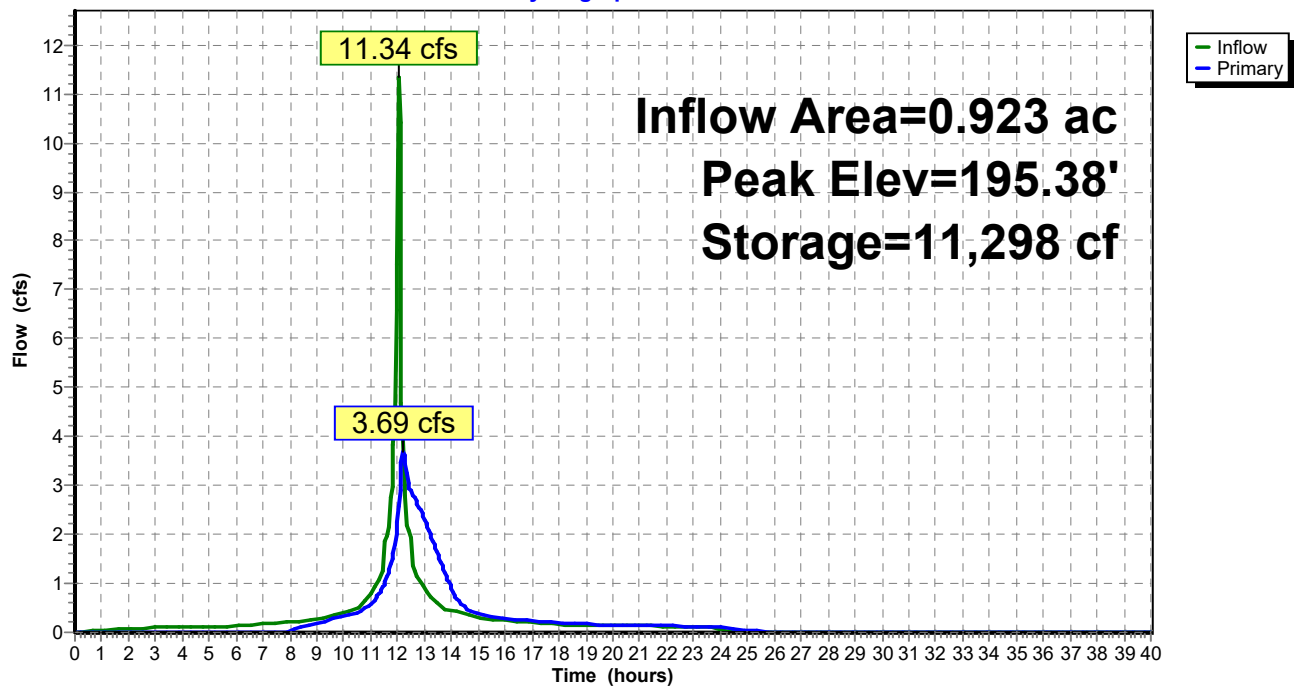
Primary OutFlow Max=3.67 cfs @ 12.21 hrs HW=195.38' (Free Discharge)

1=Culvert (Passes 3.67 cfs of 14.68 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 3.07 cfs @ 6.15 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.59 cfs @ 1.17 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-31: Basin #31

Hydrograph



Hydrograph for Pond B-31: Basin #31

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	193.00	0.00
0.10	0.00	0	193.00	0.00
0.20	0.00	0	193.00	0.00
0.30	0.00	0	193.00	0.00
0.40	0.00	1	193.00	0.00
0.50	0.01	4	193.00	0.00
0.60	0.02	10	193.00	0.00
0.70	0.03	18	193.00	0.00
0.80	0.03	29	193.01	0.00
0.90	0.04	42	193.01	0.00
1.00	0.04	56	193.01	0.00
1.10	0.05	72	193.02	0.00
1.20	0.05	90	193.02	0.00
1.30	0.05	108	193.02	0.00
1.40	0.06	128	193.03	0.00
1.50	0.06	150	193.03	0.00
1.60	0.06	172	193.04	0.00
1.70	0.07	195	193.04	0.00
1.80	0.07	219	193.05	0.00
1.90	0.07	244	193.05	0.00
2.00	0.07	270	193.06	0.00
2.10	0.07	297	193.06	0.00
2.20	0.08	324	193.07	0.00
2.30	0.08	353	193.07	0.00
2.40	0.08	381	193.08	0.00
2.50	0.08	411	193.09	0.00
2.60	0.08	441	193.09	0.00
2.70	0.09	471	193.10	0.00
2.80	0.09	503	193.11	0.00
2.90	0.09	535	193.11	0.00
3.00	0.09	567	193.12	0.00
3.10	0.09	600	193.13	0.00
3.20	0.09	633	193.13	0.00
3.30	0.09	667	193.14	0.00
3.40	0.10	701	193.15	0.00
3.50	0.10	736	193.16	0.00
3.60	0.10	771	193.16	0.00
3.70	0.10	807	193.17	0.00
3.80	0.10	843	193.18	0.00
3.90	0.10	880	193.19	0.00
4.00	0.10	917	193.19	0.00
4.10	0.10	954	193.20	0.00
4.20	0.11	992	193.21	0.00
4.30	0.11	1,030	193.22	0.00
4.40	0.11	1,069	193.23	0.00
4.50	0.11	1,108	193.23	0.00
4.60	0.11	1,147	193.24	0.00
4.70	0.11	1,187	193.25	0.00
4.80	0.11	1,227	193.26	0.00
4.90	0.11	1,268	193.27	0.00
5.00	0.11	1,308	193.28	0.00
5.10	0.12	1,350	193.28	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.12	1,391	193.29	0.00
5.30	0.12	1,434	193.30	0.00
5.40	0.12	1,476	193.31	0.00
5.50	0.12	1,519	193.32	0.00
5.60	0.12	1,563	193.33	0.00
5.70	0.12	1,607	193.34	0.00
5.80	0.12	1,652	193.35	0.00
5.90	0.13	1,697	193.36	0.00
6.00	0.13	1,742	193.37	0.00
6.10	0.13	1,789	193.38	0.00
6.20	0.13	1,837	193.39	0.00
6.30	0.14	1,886	193.40	0.00
6.40	0.14	1,937	193.41	0.00
6.50	0.15	1,989	193.42	0.00
6.60	0.15	2,042	193.43	0.00
6.70	0.15	2,097	193.44	0.00
6.80	0.16	2,153	193.45	0.00
6.90	0.16	2,210	193.47	0.00
7.00	0.16	2,269	193.48	0.00
7.10	0.17	2,329	193.49	0.00
7.20	0.17	2,391	193.50	0.00
7.30	0.18	2,453	193.52	0.00
7.40	0.18	2,518	193.53	0.00
7.50	0.18	2,584	193.54	0.00
7.60	0.19	2,651	193.56	0.00
7.70	0.19	2,719	193.57	0.00
7.80	0.20	2,789	193.59	0.01
7.90	0.20	2,857	193.60	0.02
8.00	0.20	2,920	193.62	0.03
8.10	0.21	2,979	193.63	0.05
8.20	0.21	3,033	193.64	0.07
8.30	0.22	3,081	193.65	0.09
8.40	0.22	3,125	193.66	0.11
8.50	0.22	3,164	193.67	0.12
8.60	0.23	3,198	193.67	0.14
8.70	0.23	3,228	193.68	0.15
8.80	0.24	3,255	193.69	0.17
8.90	0.24	3,279	193.69	0.18
9.00	0.25	3,300	193.70	0.19
9.10	0.26	3,322	193.70	0.20
9.20	0.27	3,344	193.70	0.21
9.30	0.29	3,367	193.71	0.23
9.40	0.30	3,390	193.71	0.24
9.50	0.32	3,414	193.72	0.25
9.60	0.33	3,438	193.72	0.27
9.70	0.34	3,462	193.73	0.28
9.80	0.36	3,486	193.73	0.29
9.90	0.37	3,511	193.74	0.31
10.00	0.39	3,535	193.74	0.32
10.10	0.40	3,559	193.75	0.34
10.20	0.42	3,583	193.76	0.35
10.30	0.43	3,607	193.76	0.37

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.45	3,630	193.77	0.38
10.50	0.47	3,654	193.77	0.40
10.60	0.52	3,688	193.78	0.42
10.70	0.58	3,731	193.79	0.45
10.80	0.63	3,782	193.80	0.49
10.90	0.69	3,840	193.81	0.53
11.00	0.75	3,902	193.82	0.58
11.10	0.85	3,978	193.84	0.63
11.20	0.96	4,069	193.86	0.70
11.30	1.06	4,169	193.88	0.79
11.40	1.16	4,276	193.90	0.88
11.50	1.34	4,390	193.93	0.97
11.60	1.94	4,645	193.98	1.13
11.70	2.15	4,941	194.04	1.29
11.80	2.97	5,397	194.14	1.49
11.90	4.36	6,158	194.30	1.78
12.00	7.52	7,690	194.62	2.25
12.10	10.40	10,378	195.19	2.89
12.20	3.91	11,291	195.38	3.68
12.30	2.80	11,143	195.35	3.45
12.40	2.12	10,813	195.28	3.04
12.50	1.92	10,477	195.21	2.91
12.60	1.30	9,984	195.10	2.80
12.70	1.21	9,445	194.99	2.68
12.80	1.10	8,912	194.88	2.56
12.90	1.00	8,387	194.77	2.43
13.00	0.89	7,871	194.66	2.30
13.10	0.79	7,365	194.55	2.16
13.20	0.73	6,885	194.45	2.02
13.30	0.67	6,435	194.36	1.87
13.40	0.62	6,015	194.27	1.73
13.50	0.56	5,627	194.19	1.59
13.60	0.51	5,271	194.11	1.44
13.70	0.49	4,957	194.04	1.30
13.80	0.48	4,689	193.99	1.16
13.90	0.46	4,465	193.94	1.02
14.00	0.45	4,285	193.90	0.88
14.10	0.43	4,146	193.87	0.77
14.20	0.42	4,038	193.85	0.68
14.30	0.40	3,952	193.83	0.61
14.40	0.39	3,882	193.82	0.56
14.50	0.37	3,824	193.81	0.52
14.60	0.36	3,774	193.80	0.48
14.70	0.34	3,731	193.79	0.45
14.80	0.33	3,693	193.78	0.43
14.90	0.31	3,657	193.77	0.40
15.00	0.30	3,625	193.76	0.38
15.10	0.28	3,595	193.76	0.36
15.20	0.28	3,568	193.75	0.34
15.30	0.27	3,546	193.75	0.33
15.40	0.27	3,527	193.74	0.32
15.50	0.27	3,511	193.74	0.31

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	3,496	193.74	0.30
15.70	0.26	3,483	193.73	0.29
15.80	0.25	3,471	193.73	0.28
15.90	0.25	3,460	193.73	0.28
16.00	0.25	3,450	193.73	0.27
16.10	0.24	3,441	193.73	0.27
16.20	0.24	3,432	193.72	0.26
16.30	0.23	3,424	193.72	0.26
16.40	0.23	3,416	193.72	0.25
16.50	0.23	3,408	193.72	0.25
16.60	0.22	3,400	193.72	0.24
16.70	0.22	3,392	193.71	0.24
16.80	0.21	3,384	193.71	0.23
16.90	0.21	3,377	193.71	0.23
17.00	0.21	3,369	193.71	0.23
17.10	0.20	3,362	193.71	0.22
17.20	0.20	3,354	193.71	0.22
17.30	0.19	3,346	193.71	0.21
17.40	0.19	3,339	193.70	0.21
17.50	0.19	3,331	193.70	0.21
17.60	0.18	3,324	193.70	0.20
17.70	0.18	3,316	193.70	0.20
17.80	0.17	3,309	193.70	0.19
17.90	0.17	3,301	193.70	0.19
18.00	0.17	3,294	193.69	0.19
18.10	0.16	3,287	193.69	0.18
18.20	0.16	3,280	193.69	0.18
18.30	0.16	3,274	193.69	0.18
18.40	0.16	3,269	193.69	0.17
18.50	0.16	3,264	193.69	0.17
18.60	0.16	3,260	193.69	0.17
18.70	0.16	3,256	193.69	0.17
18.80	0.16	3,252	193.69	0.17
18.90	0.15	3,248	193.68	0.16
19.00	0.15	3,245	193.68	0.16
19.10	0.15	3,242	193.68	0.16
19.20	0.15	3,239	193.68	0.16
19.30	0.15	3,236	193.68	0.16
19.40	0.15	3,234	193.68	0.16
19.50	0.15	3,231	193.68	0.16
19.60	0.15	3,229	193.68	0.15
19.70	0.15	3,226	193.68	0.15
19.80	0.15	3,224	193.68	0.15
19.90	0.14	3,221	193.68	0.15
20.00	0.14	3,219	193.68	0.15
20.10	0.14	3,217	193.68	0.15
20.20	0.14	3,214	193.68	0.15
20.30	0.14	3,212	193.68	0.15
20.40	0.14	3,210	193.68	0.15
20.50	0.14	3,208	193.68	0.14
20.60	0.14	3,206	193.68	0.14
20.70	0.14	3,203	193.68	0.14

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	3,201	193.67	0.14
20.90	0.13	3,199	193.67	0.14
21.00	0.13	3,197	193.67	0.14
21.10	0.13	3,194	193.67	0.14
21.20	0.13	3,192	193.67	0.14
21.30	0.13	3,190	193.67	0.14
21.40	0.13	3,188	193.67	0.14
21.50	0.13	3,186	193.67	0.13
21.60	0.13	3,184	193.67	0.13
21.70	0.13	3,182	193.67	0.13
21.80	0.13	3,180	193.67	0.13
21.90	0.12	3,177	193.67	0.13
22.00	0.12	3,175	193.67	0.13
22.10	0.12	3,173	193.67	0.13
22.20	0.12	3,171	193.67	0.13
22.30	0.12	3,169	193.67	0.13
22.40	0.12	3,167	193.67	0.13
22.50	0.12	3,164	193.67	0.12
22.60	0.12	3,162	193.67	0.12
22.70	0.12	3,160	193.67	0.12
22.80	0.12	3,158	193.67	0.12
22.90	0.11	3,156	193.67	0.12
23.00	0.11	3,154	193.66	0.12
23.10	0.11	3,152	193.66	0.12
23.20	0.11	3,149	193.66	0.12
23.30	0.11	3,147	193.66	0.12
23.40	0.11	3,145	193.66	0.12
23.50	0.11	3,143	193.66	0.11
23.60	0.11	3,141	193.66	0.11
23.70	0.11	3,139	193.66	0.11
23.80	0.11	3,137	193.66	0.11
23.90	0.11	3,135	193.66	0.11
24.00	0.11	3,137	193.66	0.11
24.10	0.00	3,111	193.66	0.10
24.20	0.00	3,077	193.65	0.09
24.30	0.00	3,048	193.64	0.08
24.40	0.00	3,022	193.64	0.07
24.50	0.00	3,000	193.63	0.06
24.60	0.00	2,980	193.63	0.05
24.70	0.00	2,963	193.62	0.05
24.80	0.00	2,947	193.62	0.04
24.90	0.00	2,932	193.62	0.04
25.00	0.00	2,919	193.62	0.03
25.10	0.00	2,908	193.61	0.03
25.20	0.00	2,897	193.61	0.03
25.30	0.00	2,888	193.61	0.03
25.40	0.00	2,879	193.61	0.02
25.50	0.00	2,871	193.61	0.02
25.60	0.00	2,864	193.60	0.02
25.70	0.00	2,858	193.60	0.02
25.80	0.00	2,852	193.60	0.02
25.90	0.00	2,847	193.60	0.01

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,842	193.60	0.01
26.10	0.00	2,838	193.60	0.01
26.20	0.00	2,833	193.60	0.01
26.30	0.00	2,829	193.60	0.01
26.40	0.00	2,825	193.60	0.01
26.50	0.00	2,822	193.59	0.01
26.60	0.00	2,818	193.59	0.01
26.70	0.00	2,815	193.59	0.01
26.80	0.00	2,812	193.59	0.01
26.90	0.00	2,809	193.59	0.01
27.00	0.00	2,806	193.59	0.01
27.10	0.00	2,803	193.59	0.01
27.20	0.00	2,801	193.59	0.01
27.30	0.00	2,798	193.59	0.01
27.40	0.00	2,796	193.59	0.01
27.50	0.00	2,794	193.59	0.01
27.60	0.00	2,792	193.59	0.01
27.70	0.00	2,790	193.59	0.01
27.80	0.00	2,788	193.59	0.01
27.90	0.00	2,786	193.59	0.00
28.00	0.00	2,784	193.59	0.00
28.10	0.00	2,783	193.59	0.00
28.20	0.00	2,781	193.59	0.00
28.30	0.00	2,780	193.59	0.00
28.40	0.00	2,778	193.59	0.00
28.50	0.00	2,777	193.59	0.00
28.60	0.00	2,776	193.58	0.00
28.70	0.00	2,774	193.58	0.00
28.80	0.00	2,773	193.58	0.00
28.90	0.00	2,772	193.58	0.00
29.00	0.00	2,771	193.58	0.00
29.10	0.00	2,770	193.58	0.00
29.20	0.00	2,769	193.58	0.00
29.30	0.00	2,769	193.58	0.00
29.40	0.00	2,768	193.58	0.00
29.50	0.00	2,767	193.58	0.00
29.60	0.00	2,766	193.58	0.00
29.70	0.00	2,765	193.58	0.00
29.80	0.00	2,765	193.58	0.00
29.90	0.00	2,764	193.58	0.00
30.00	0.00	2,764	193.58	0.00
30.10	0.00	2,763	193.58	0.00
30.20	0.00	2,762	193.58	0.00
30.30	0.00	2,762	193.58	0.00
30.40	0.00	2,761	193.58	0.00
30.50	0.00	2,761	193.58	0.00
30.60	0.00	2,760	193.58	0.00
30.70	0.00	2,760	193.58	0.00
30.80	0.00	2,760	193.58	0.00
30.90	0.00	2,759	193.58	0.00
31.00	0.00	2,759	193.58	0.00
31.10	0.00	2,759	193.58	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,758	193.58	0.00
31.30	0.00	2,758	193.58	0.00
31.40	0.00	2,758	193.58	0.00
31.50	0.00	2,757	193.58	0.00
31.60	0.00	2,757	193.58	0.00
31.70	0.00	2,757	193.58	0.00
31.80	0.00	2,757	193.58	0.00
31.90	0.00	2,756	193.58	0.00
32.00	0.00	2,756	193.58	0.00
32.10	0.00	2,756	193.58	0.00
32.20	0.00	2,756	193.58	0.00
32.30	0.00	2,756	193.58	0.00
32.40	0.00	2,755	193.58	0.00
32.50	0.00	2,755	193.58	0.00
32.60	0.00	2,755	193.58	0.00
32.70	0.00	2,755	193.58	0.00
32.80	0.00	2,755	193.58	0.00
32.90	0.00	2,755	193.58	0.00
33.00	0.00	2,755	193.58	0.00
33.10	0.00	2,754	193.58	0.00
33.20	0.00	2,754	193.58	0.00
33.30	0.00	2,754	193.58	0.00
33.40	0.00	2,754	193.58	0.00
33.50	0.00	2,754	193.58	0.00
33.60	0.00	2,754	193.58	0.00
33.70	0.00	2,754	193.58	0.00
33.80	0.00	2,754	193.58	0.00
33.90	0.00	2,754	193.58	0.00
34.00	0.00	2,754	193.58	0.00
34.10	0.00	2,753	193.58	0.00
34.20	0.00	2,753	193.58	0.00
34.30	0.00	2,753	193.58	0.00
34.40	0.00	2,753	193.58	0.00
34.50	0.00	2,753	193.58	0.00
34.60	0.00	2,753	193.58	0.00
34.70	0.00	2,753	193.58	0.00
34.80	0.00	2,753	193.58	0.00
34.90	0.00	2,753	193.58	0.00
35.00	0.00	2,753	193.58	0.00
35.10	0.00	2,753	193.58	0.00
35.20	0.00	2,753	193.58	0.00
35.30	0.00	2,753	193.58	0.00
35.40	0.00	2,753	193.58	0.00
35.50	0.00	2,753	193.58	0.00
35.60	0.00	2,753	193.58	0.00
35.70	0.00	2,753	193.58	0.00
35.80	0.00	2,753	193.58	0.00
35.90	0.00	2,753	193.58	0.00
36.00	0.00	2,753	193.58	0.00
36.10	0.00	2,753	193.58	0.00
36.20	0.00	2,753	193.58	0.00
36.30	0.00	2,753	193.58	0.00

Hydrograph for Pond B-31: Basin #31 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,753	193.58	0.00
36.50	0.00	2,752	193.58	0.00
36.60	0.00	2,752	193.58	0.00
36.70	0.00	2,752	193.58	0.00
36.80	0.00	2,752	193.58	0.00
36.90	0.00	2,752	193.58	0.00
37.00	0.00	2,752	193.58	0.00
37.10	0.00	2,752	193.58	0.00
37.20	0.00	2,752	193.58	0.00
37.30	0.00	2,752	193.58	0.00
37.40	0.00	2,752	193.58	0.00
37.50	0.00	2,752	193.58	0.00
37.60	0.00	2,752	193.58	0.00
37.70	0.00	2,752	193.58	0.00
37.80	0.00	2,752	193.58	0.00
37.90	0.00	2,752	193.58	0.00
38.00	0.00	2,752	193.58	0.00
38.10	0.00	2,752	193.58	0.00
38.20	0.00	2,752	193.58	0.00
38.30	0.00	2,752	193.58	0.00
38.40	0.00	2,752	193.58	0.00
38.50	0.00	2,752	193.58	0.00
38.60	0.00	2,752	193.58	0.00
38.70	0.00	2,752	193.58	0.00
38.80	0.00	2,752	193.58	0.00
38.90	0.00	2,752	193.58	0.00
39.00	0.00	2,752	193.58	0.00
39.10	0.00	2,752	193.58	0.00
39.20	0.00	2,752	193.58	0.00
39.30	0.00	2,752	193.58	0.00
39.40	0.00	2,752	193.58	0.00
39.50	0.00	2,752	193.58	0.00
39.60	0.00	2,752	193.58	0.00
39.70	0.00	2,752	193.58	0.00
39.80	0.00	2,752	193.58	0.00
39.90	0.00	2,752	193.58	0.00
40.00	0.00	2,752	193.58	0.00

Stage-Discharge for Pond B-31: Basin #31

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.00	0.00	193.52	0.00	194.04	1.29	194.56	2.17
193.01	0.00	193.53	0.00	194.05	1.31	194.57	2.18
193.02	0.00	193.54	0.00	194.06	1.33	194.58	2.19
193.03	0.00	193.55	0.00	194.07	1.35	194.59	2.21
193.04	0.00	193.56	0.00	194.08	1.37	194.60	2.22
193.05	0.00	193.57	0.00	194.09	1.40	194.61	2.23
193.06	0.00	193.58	0.00	194.10	1.42	194.62	2.25
193.07	0.00	193.59	0.00	194.11	1.44	194.63	2.26
193.08	0.00	193.60	0.01	194.12	1.46	194.64	2.27
193.09	0.00	193.61	0.03	194.13	1.48	194.65	2.28
193.10	0.00	193.62	0.04	194.14	1.50	194.66	2.30
193.11	0.00	193.63	0.05	194.15	1.52	194.67	2.31
193.12	0.00	193.64	0.07	194.16	1.54	194.68	2.32
193.13	0.00	193.65	0.09	194.17	1.56	194.69	2.34
193.14	0.00	193.66	0.11	194.18	1.57	194.70	2.35
193.15	0.00	193.67	0.13	194.19	1.59	194.71	2.36
193.16	0.00	193.68	0.15	194.20	1.61	194.72	2.37
193.17	0.00	193.69	0.18	194.21	1.63	194.73	2.38
193.18	0.00	193.70	0.20	194.22	1.65	194.74	2.40
193.19	0.00	193.71	0.23	194.23	1.67	194.75	2.41
193.20	0.00	193.72	0.25	194.24	1.68	194.76	2.42
193.21	0.00	193.73	0.28	194.25	1.70	194.77	2.43
193.22	0.00	193.74	0.31	194.26	1.72	194.78	2.44
193.23	0.00	193.75	0.34	194.27	1.73	194.79	2.46
193.24	0.00	193.76	0.37	194.28	1.75	194.80	2.47
193.25	0.00	193.77	0.40	194.29	1.77	194.81	2.48
193.26	0.00	193.78	0.43	194.30	1.78	194.82	2.49
193.27	0.00	193.79	0.46	194.31	1.80	194.83	2.50
193.28	0.00	193.80	0.50	194.32	1.82	194.84	2.51
193.29	0.00	193.81	0.53	194.33	1.83	194.85	2.53
193.30	0.00	193.82	0.57	194.34	1.85	194.86	2.54
193.31	0.00	193.83	0.60	194.35	1.86	194.87	2.55
193.32	0.00	193.84	0.64	194.36	1.88	194.88	2.56
193.33	0.00	193.85	0.68	194.37	1.90	194.89	2.57
193.34	0.00	193.86	0.71	194.38	1.91	194.90	2.58
193.35	0.00	193.87	0.75	194.39	1.93	194.91	2.59
193.36	0.00	193.88	0.79	194.40	1.94	194.92	2.61
193.37	0.00	193.89	0.83	194.41	1.96	194.93	2.62
193.38	0.00	193.90	0.87	194.42	1.97	194.94	2.63
193.39	0.00	193.91	0.91	194.43	1.99	194.95	2.64
193.40	0.00	193.92	0.95	194.44	2.00	194.96	2.65
193.41	0.00	193.93	0.99	194.45	2.01	194.97	2.66
193.42	0.00	193.94	1.02	194.46	2.03	194.98	2.67
193.43	0.00	193.95	1.05	194.47	2.04	194.99	2.68
193.44	0.00	193.96	1.08	194.48	2.06	195.00	2.69
193.45	0.00	193.97	1.11	194.49	2.07	195.01	2.70
193.46	0.00	193.98	1.14	194.50	2.09	195.02	2.71
193.47	0.00	193.99	1.16	194.51	2.10	195.03	2.73
193.48	0.00	194.00	1.19	194.52	2.11	195.04	2.74
193.49	0.00	194.01	1.21	194.53	2.13	195.05	2.75
193.50	0.00	194.02	1.24	194.54	2.14	195.06	2.76
193.51	0.00	194.03	1.26	194.55	2.15	195.07	2.77

Stage-Discharge for Pond B-31: Basin #31 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.08	2.78	195.60	9.65
195.09	2.79	195.61	10.35
195.10	2.80	195.62	11.08
195.11	2.81	195.63	11.83
195.12	2.82	195.64	12.61
195.13	2.83	195.65	13.41
195.14	2.84	195.66	14.24
195.15	2.85	195.67	15.09
195.16	2.86	195.68	15.97
195.17	2.87	195.69	16.87
195.18	2.88	195.70	17.79
195.19	2.89	195.71	18.77
195.20	2.90	195.72	19.78
195.21	2.91	195.73	20.82
195.22	2.92	195.74	21.88
195.23	2.93	195.75	22.97
195.24	2.94	195.76	24.08
195.25	2.95	195.77	25.23
195.26	2.97	195.78	26.39
195.27	3.01	195.79	27.59
195.28	3.05	195.80	28.81
195.29	3.09	195.81	30.05
195.30	3.14	195.82	31.32
195.31	3.20	195.83	32.62
195.32	3.26	195.84	33.94
195.33	3.32	195.85	35.28
195.34	3.39	195.86	36.66
195.35	3.46	195.87	38.05
195.36	3.53	195.88	39.47
195.37	3.61	195.89	40.92
195.38	3.68	195.90	42.39
195.39	3.77	195.91	43.92
195.40	3.85	195.92	45.47
195.41	3.93	195.93	47.05
195.42	4.02	195.94	48.65
195.43	4.11	195.95	50.28
195.44	4.20	195.96	51.94
195.45	4.30	195.97	53.63
195.46	4.40	195.98	55.35
195.47	4.49	195.99	57.09
195.48	4.59	196.00	58.86
195.49	4.70		
195.50	4.80		
195.51	5.02		
195.52	5.35		
195.53	5.73		
195.54	6.17		
195.55	6.66		
195.56	7.19		
195.57	7.75		
195.58	8.35		
195.59	8.99		

Stage-Area-Storage for Pond B-31: Basin #31

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.00	4,745	0	193.52	4,745	2,467
193.01	4,745	47	193.53	4,745	2,515
193.02	4,745	95	193.54	4,745	2,562
193.03	4,745	142	193.55	4,745	2,610
193.04	4,745	190	193.56	4,745	2,657
193.05	4,745	237	193.57	4,745	2,705
193.06	4,745	285	193.58	4,745	2,752
193.07	4,745	332	193.59	4,745	2,800
193.08	4,745	380	193.60	4,745	2,847
193.09	4,745	427	193.61	4,745	2,894
193.10	4,745	474	193.62	4,745	2,942
193.11	4,745	522	193.63	4,745	2,989
193.12	4,745	569	193.64	4,745	3,037
193.13	4,745	617	193.65	4,745	3,084
193.14	4,745	664	193.66	4,745	3,132
193.15	4,745	712	193.67	4,745	3,179
193.16	4,745	759	193.68	4,745	3,227
193.17	4,745	807	193.69	4,745	3,274
193.18	4,745	854	193.70	4,745	3,321
193.19	4,745	902	193.71	4,745	3,369
193.20	4,745	949	193.72	4,745	3,416
193.21	4,745	996	193.73	4,745	3,464
193.22	4,745	1,044	193.74	4,745	3,511
193.23	4,745	1,091	193.75	4,745	3,559
193.24	4,745	1,139	193.76	4,745	3,606
193.25	4,745	1,186	193.77	4,745	3,654
193.26	4,745	1,234	193.78	4,745	3,701
193.27	4,745	1,281	193.79	4,745	3,749
193.28	4,745	1,329	193.80	4,745	3,796
193.29	4,745	1,376	193.81	4,745	3,843
193.30	4,745	1,424	193.82	4,745	3,891
193.31	4,745	1,471	193.83	4,745	3,938
193.32	4,745	1,518	193.84	4,745	3,986
193.33	4,745	1,566	193.85	4,745	4,033
193.34	4,745	1,613	193.86	4,745	4,081
193.35	4,745	1,661	193.87	4,745	4,128
193.36	4,745	1,708	193.88	4,745	4,176
193.37	4,745	1,756	193.89	4,745	4,223
193.38	4,745	1,803	193.90	4,745	4,271
193.39	4,745	1,851	193.91	4,745	4,318
193.40	4,745	1,898	193.92	4,745	4,365
193.41	4,745	1,945	193.93	4,745	4,413
193.42	4,745	1,993	193.94	4,745	4,460
193.43	4,745	2,040	193.95	4,745	4,508
193.44	4,745	2,088	193.96	4,745	4,555
193.45	4,745	2,135	193.97	4,745	4,603
193.46	4,745	2,183	193.98	4,745	4,650
193.47	4,745	2,230	193.99	4,745	4,698
193.48	4,745	2,278	194.00	4,745	4,745
193.49	4,745	2,325	194.01	4,745	4,792
193.50	4,745	2,373	194.02	4,745	4,840
193.51	4,745	2,420	194.03	4,745	4,887

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.04	4,745	4,935	194.56	4,745	7,402
194.05	4,745	4,982	194.57	4,745	7,450
194.06	4,745	5,030	194.58	4,745	7,497
194.07	4,745	5,077	194.59	4,745	7,545
194.08	4,745	5,125	194.60	4,745	7,592
194.09	4,745	5,172	194.61	4,745	7,639
194.10	4,745	5,219	194.62	4,745	7,687
194.11	4,745	5,267	194.63	4,745	7,734
194.12	4,745	5,314	194.64	4,745	7,782
194.13	4,745	5,362	194.65	4,745	7,829
194.14	4,745	5,409	194.66	4,745	7,877
194.15	4,745	5,457	194.67	4,745	7,924
194.16	4,745	5,504	194.68	4,745	7,972
194.17	4,745	5,552	194.69	4,745	8,019
194.18	4,745	5,599	194.70	4,745	8,066
194.19	4,745	5,647	194.71	4,745	8,114
194.20	4,745	5,694	194.72	4,745	8,161
194.21	4,745	5,741	194.73	4,745	8,209
194.22	4,745	5,789	194.74	4,745	8,256
194.23	4,745	5,836	194.75	4,745	8,304
194.24	4,745	5,884	194.76	4,745	8,351
194.25	4,745	5,931	194.77	4,745	8,399
194.26	4,745	5,979	194.78	4,745	8,446
194.27	4,745	6,026	194.79	4,745	8,494
194.28	4,745	6,074	194.80	4,745	8,541
194.29	4,745	6,121	194.81	4,745	8,588
194.30	4,745	6,169	194.82	4,745	8,636
194.31	4,745	6,216	194.83	4,745	8,683
194.32	4,745	6,263	194.84	4,745	8,731
194.33	4,745	6,311	194.85	4,745	8,778
194.34	4,745	6,358	194.86	4,745	8,826
194.35	4,745	6,406	194.87	4,745	8,873
194.36	4,745	6,453	194.88	4,745	8,921
194.37	4,745	6,501	194.89	4,745	8,968
194.38	4,745	6,548	194.90	4,745	9,016
194.39	4,745	6,596	194.91	4,745	9,063
194.40	4,745	6,643	194.92	4,745	9,110
194.41	4,745	6,690	194.93	4,745	9,158
194.42	4,745	6,738	194.94	4,745	9,205
194.43	4,745	6,785	194.95	4,745	9,253
194.44	4,745	6,833	194.96	4,745	9,300
194.45	4,745	6,880	194.97	4,745	9,348
194.46	4,745	6,928	194.98	4,745	9,395
194.47	4,745	6,975	194.99	4,745	9,443
194.48	4,745	7,023	195.00	4,745	9,490
194.49	4,745	7,070	195.01	4,745	9,537
194.50	4,745	7,118	195.02	4,745	9,585
194.51	4,745	7,165	195.03	4,745	9,632
194.52	4,745	7,212	195.04	4,745	9,680
194.53	4,745	7,260	195.05	4,745	9,727
194.54	4,745	7,307	195.06	4,745	9,775
194.55	4,745	7,355	195.07	4,745	9,822

Stage-Area-Storage for Pond B-31: Basin #31 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.08	4,745	9,870	195.60	4,745	12,337
195.09	4,745	9,917	195.61	4,745	12,384
195.10	4,745	9,964	195.62	4,745	12,432
195.11	4,745	10,012	195.63	4,745	12,479
195.12	4,745	10,059	195.64	4,745	12,527
195.13	4,745	10,107	195.65	4,745	12,574
195.14	4,745	10,154	195.66	4,745	12,622
195.15	4,745	10,202	195.67	4,745	12,669
195.16	4,745	10,249	195.68	4,745	12,717
195.17	4,745	10,297	195.69	4,745	12,764
195.18	4,745	10,344	195.70	4,745	12,811
195.19	4,745	10,392	195.71	4,745	12,859
195.20	4,745	10,439	195.72	4,745	12,906
195.21	4,745	10,486	195.73	4,745	12,954
195.22	4,745	10,534	195.74	4,745	13,001
195.23	4,745	10,581	195.75	4,745	13,049
195.24	4,745	10,629	195.76	4,745	13,096
195.25	4,745	10,676	195.77	4,745	13,144
195.26	4,745	10,724	195.78	4,745	13,191
195.27	4,745	10,771	195.79	4,745	13,239
195.28	4,745	10,819	195.80	4,745	13,286
195.29	4,745	10,866	195.81	4,745	13,333
195.30	4,745	10,914	195.82	4,745	13,381
195.31	4,745	10,961	195.83	4,745	13,428
195.32	4,745	11,008	195.84	4,745	13,476
195.33	4,745	11,056	195.85	4,745	13,523
195.34	4,745	11,103	195.86	4,745	13,571
195.35	4,745	11,151	195.87	4,745	13,618
195.36	4,745	11,198	195.88	4,745	13,666
195.37	4,745	11,246	195.89	4,745	13,713
195.38	4,745	11,293	195.90	4,745	13,761
195.39	4,745	11,341	195.91	4,745	13,808
195.40	4,745	11,388	195.92	4,745	13,855
195.41	4,745	11,435	195.93	4,745	13,903
195.42	4,745	11,483	195.94	4,745	13,950
195.43	4,745	11,530	195.95	4,745	13,998
195.44	4,745	11,578	195.96	4,745	14,045
195.45	4,745	11,625	195.97	4,745	14,093
195.46	4,745	11,673	195.98	4,745	14,140
195.47	4,745	11,720	195.99	4,745	14,188
195.48	4,745	11,768	196.00	4,745	14,235
195.49	4,745	11,815			
195.50	4,745	11,863			
195.51	4,745	11,910			
195.52	4,745	11,957			
195.53	4,745	12,005			
195.54	4,745	12,052			
195.55	4,745	12,100			
195.56	4,745	12,147			
195.57	4,745	12,195			
195.58	4,745	12,242			
195.59	4,745	12,290			

Summary for Pond B-32: Basin #32

Inflow Area = 1.346 ac, 28.68% Impervious, Inflow Depth = 8.60" for Future 100 yr event
 Inflow = 10.95 cfs @ 12.10 hrs, Volume= 0.965 af
 Outflow = 3.75 cfs @ 12.41 hrs, Volume= 0.925 af, Atten= 66%, Lag= 18.8 min
 Primary = 3.75 cfs @ 12.41 hrs, Volume= 0.925 af
 Routed to Pond B-30 : Basin #30

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 197.44' @ 12.41 hrs Surf.Area= 5,735 sf Storage= 14,009 cf

Plug-Flow detention time= 93.8 min calculated for 0.925 af (96% of inflow)
 Center-of-Mass det. time= 69.2 min (851.3 - 782.2)

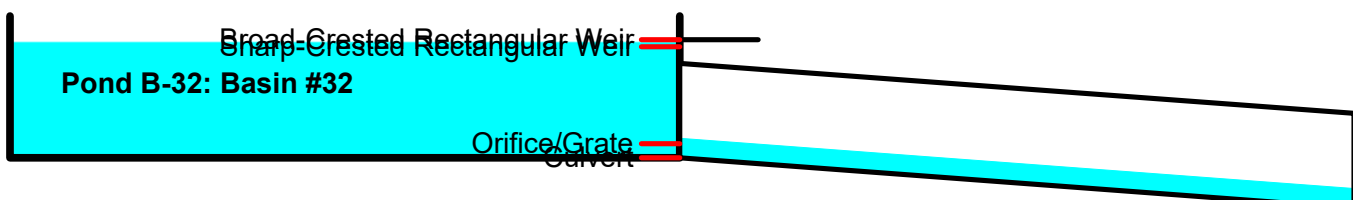
Volume	Invert	Avail.Storage	Storage Description
#1	195.00'	17,205 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
195.00	5,735	0	0
196.00	5,735	5,735	5,735
197.00	5,735	5,735	11,470
198.00	5,735	5,735	17,205

Device	Routing	Invert	Outlet Devices
#1	Primary	195.00'	24.0" Round Culvert L= 43.0' Ke= 0.500 Inlet / Outlet Invert= 195.00' / 193.94' S= 0.0247 ' S= 0.0247 ' Cc= 0.900 n= 0.013, Flow Area= 3.14 sf
#2	Device 1	195.30'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	197.35'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	197.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

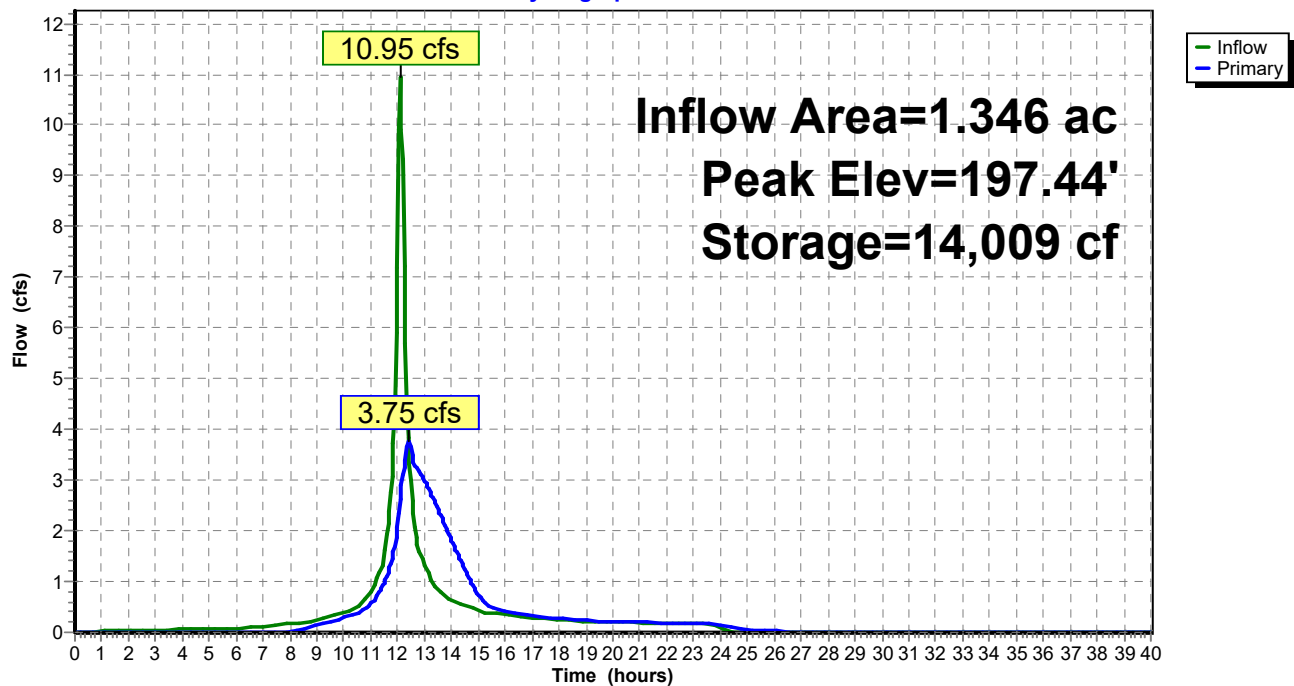
Primary OutFlow Max=3.74 cfs @ 12.41 hrs HW=197.44' (Free Discharge)

1=Culvert (Passes 3.74 cfs of 18.16 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 3.38 cfs @ 6.76 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.36 cfs @ 0.99 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-32: Basin #32

Hydrograph



Hydrograph for Pond B-32: Basin #32

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	195.00	0.00
0.10	0.00	0	195.00	0.00
0.20	0.00	0	195.00	0.00
0.30	0.00	0	195.00	0.00
0.40	0.00	0	195.00	0.00
0.50	0.01	2	195.00	0.00
0.60	0.01	5	195.00	0.00
0.70	0.01	10	195.00	0.00
0.80	0.02	16	195.00	0.00
0.90	0.02	22	195.00	0.00
1.00	0.02	30	195.01	0.00
1.10	0.03	39	195.01	0.00
1.20	0.03	48	195.01	0.00
1.30	0.03	58	195.01	0.00
1.40	0.03	69	195.01	0.00
1.50	0.03	81	195.01	0.00
1.60	0.03	93	195.02	0.00
1.70	0.04	105	195.02	0.00
1.80	0.04	118	195.02	0.00
1.90	0.04	132	195.02	0.00
2.00	0.04	146	195.03	0.00
2.10	0.04	160	195.03	0.00
2.20	0.04	175	195.03	0.00
2.30	0.04	190	195.03	0.00
2.40	0.04	206	195.04	0.00
2.50	0.04	221	195.04	0.00
2.60	0.05	238	195.04	0.00
2.70	0.05	254	195.04	0.00
2.80	0.05	271	195.05	0.00
2.90	0.05	288	195.05	0.00
3.00	0.05	305	195.05	0.00
3.10	0.05	323	195.06	0.00
3.20	0.05	341	195.06	0.00
3.30	0.05	359	195.06	0.00
3.40	0.05	378	195.07	0.00
3.50	0.05	397	195.07	0.00
3.60	0.05	416	195.07	0.00
3.70	0.05	435	195.08	0.00
3.80	0.05	454	195.08	0.00
3.90	0.05	474	195.08	0.00
4.00	0.06	494	195.09	0.00
4.10	0.06	514	195.09	0.00
4.20	0.06	534	195.09	0.00
4.30	0.06	555	195.10	0.00
4.40	0.06	576	195.10	0.00
4.50	0.06	597	195.10	0.00
4.60	0.06	618	195.11	0.00
4.70	0.06	639	195.11	0.00
4.80	0.06	661	195.12	0.00
4.90	0.06	683	195.12	0.00
5.00	0.06	705	195.12	0.00
5.10	0.06	727	195.13	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	749	195.13	0.00
5.30	0.07	773	195.13	0.00
5.40	0.07	797	195.14	0.00
5.50	0.07	821	195.14	0.00
5.60	0.07	847	195.15	0.00
5.70	0.07	873	195.15	0.00
5.80	0.08	900	195.16	0.00
5.90	0.08	927	195.16	0.00
6.00	0.08	956	195.17	0.00
6.10	0.08	985	195.17	0.00
6.20	0.09	1,016	195.18	0.00
6.30	0.09	1,049	195.18	0.00
6.40	0.09	1,082	195.19	0.00
6.50	0.10	1,117	195.19	0.00
6.60	0.10	1,154	195.20	0.00
6.70	0.11	1,191	195.21	0.00
6.80	0.11	1,231	195.21	0.00
6.90	0.12	1,272	195.22	0.00
7.00	0.12	1,314	195.23	0.00
7.10	0.12	1,358	195.24	0.00
7.20	0.13	1,404	195.24	0.00
7.30	0.13	1,451	195.25	0.00
7.40	0.14	1,500	195.26	0.00
7.50	0.14	1,551	195.27	0.00
7.60	0.15	1,604	195.28	0.00
7.70	0.15	1,658	195.29	0.00
7.80	0.16	1,714	195.30	0.00
7.90	0.16	1,771	195.31	0.01
8.00	0.17	1,827	195.32	0.02
8.10	0.17	1,881	195.33	0.02
8.20	0.18	1,934	195.34	0.04
8.30	0.18	1,984	195.35	0.05
8.40	0.19	2,032	195.35	0.06
8.50	0.20	2,077	195.36	0.07
8.60	0.20	2,119	195.37	0.09
8.70	0.21	2,158	195.38	0.10
8.80	0.21	2,194	195.38	0.12
8.90	0.22	2,228	195.39	0.13
9.00	0.23	2,260	195.39	0.14
9.10	0.24	2,291	195.40	0.15
9.20	0.25	2,322	195.40	0.16
9.30	0.27	2,354	195.41	0.18
9.40	0.28	2,387	195.42	0.19
9.50	0.30	2,421	195.42	0.21
9.60	0.32	2,455	195.43	0.22
9.70	0.33	2,489	195.43	0.24
9.80	0.35	2,524	195.44	0.25
9.90	0.37	2,560	195.45	0.27
10.00	0.39	2,596	195.45	0.29
10.10	0.41	2,632	195.46	0.31
10.20	0.42	2,668	195.47	0.32
10.30	0.44	2,704	195.47	0.34

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.46	2,741	195.48	0.36
10.50	0.49	2,778	195.48	0.38
10.60	0.53	2,821	195.49	0.41
10.70	0.59	2,873	195.50	0.43
10.80	0.66	2,936	195.51	0.47
10.90	0.72	3,008	195.52	0.51
11.00	0.80	3,089	195.54	0.56
11.10	0.90	3,183	195.55	0.62
11.20	1.02	3,293	195.57	0.69
11.30	1.15	3,421	195.60	0.78
11.40	1.28	3,563	195.62	0.88
11.50	1.46	3,719	195.65	0.98
11.60	1.92	3,965	195.69	1.11
11.70	2.38	4,312	195.75	1.27
11.80	3.08	4,812	195.84	1.46
11.90	4.40	5,590	195.97	1.71
12.00	7.18	7,013	196.22	2.09
12.10	10.95	9,583	196.67	2.64
12.20	9.34	12,154	197.12	3.09
12.30	5.69	13,639	197.38	3.39
12.40	3.84	14,005	197.44	3.75
12.50	3.00	13,890	197.42	3.62
12.60	2.34	13,580	197.37	3.35
12.70	1.87	13,143	197.29	3.25
12.80	1.65	12,616	197.20	3.17
12.90	1.49	12,054	197.10	3.08
13.00	1.34	11,471	197.00	2.98
13.10	1.20	10,870	196.90	2.88
13.20	1.08	10,263	196.79	2.77
13.30	1.00	9,660	196.68	2.65
13.40	0.91	9,067	196.58	2.54
13.50	0.83	8,488	196.48	2.42
13.60	0.76	7,924	196.38	2.30
13.70	0.71	7,381	196.29	2.18
13.80	0.68	6,869	196.20	2.05
13.90	0.66	6,392	196.11	1.93
14.00	0.64	5,951	196.04	1.81
14.10	0.62	5,545	195.97	1.69
14.20	0.60	5,174	195.90	1.58
14.30	0.58	4,837	195.84	1.46
14.40	0.55	4,532	195.79	1.35
14.50	0.53	4,260	195.74	1.24
14.60	0.51	4,020	195.70	1.14
14.70	0.49	3,810	195.66	1.03
14.80	0.47	3,631	195.63	0.92
14.90	0.45	3,483	195.61	0.82
15.00	0.43	3,361	195.59	0.74
15.10	0.41	3,258	195.57	0.67
15.20	0.40	3,172	195.55	0.61
15.30	0.39	3,100	195.54	0.57
15.40	0.38	3,041	195.53	0.53
15.50	0.38	2,991	195.52	0.50

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.37	2,949	195.51	0.48
15.70	0.37	2,914	195.51	0.46
15.80	0.36	2,883	195.50	0.44
15.90	0.35	2,855	195.50	0.42
16.00	0.35	2,832	195.49	0.41
16.10	0.34	2,810	195.49	0.40
16.20	0.34	2,791	195.49	0.39
16.30	0.33	2,773	195.48	0.38
16.40	0.33	2,757	195.48	0.37
16.50	0.32	2,742	195.48	0.36
16.60	0.32	2,727	195.48	0.35
16.70	0.31	2,714	195.47	0.35
16.80	0.30	2,700	195.47	0.34
16.90	0.30	2,687	195.47	0.33
17.00	0.29	2,675	195.47	0.33
17.10	0.29	2,663	195.46	0.32
17.20	0.28	2,651	195.46	0.32
17.30	0.28	2,639	195.46	0.31
17.40	0.27	2,627	195.46	0.30
17.50	0.27	2,615	195.46	0.30
17.60	0.26	2,604	195.45	0.29
17.70	0.25	2,592	195.45	0.29
17.80	0.25	2,581	195.45	0.28
17.90	0.24	2,570	195.45	0.27
18.00	0.24	2,558	195.45	0.27
18.10	0.23	2,547	195.44	0.26
18.20	0.23	2,536	195.44	0.26
18.30	0.23	2,525	195.44	0.25
18.40	0.23	2,516	195.44	0.25
18.50	0.22	2,508	195.44	0.25
18.60	0.22	2,500	195.44	0.24
18.70	0.22	2,493	195.43	0.24
18.80	0.22	2,487	195.43	0.24
18.90	0.22	2,481	195.43	0.23
19.00	0.22	2,476	195.43	0.23
19.10	0.22	2,471	195.43	0.23
19.20	0.21	2,466	195.43	0.23
19.30	0.21	2,462	195.43	0.22
19.40	0.21	2,458	195.43	0.22
19.50	0.21	2,453	195.43	0.22
19.60	0.21	2,450	195.43	0.22
19.70	0.21	2,446	195.43	0.22
19.80	0.21	2,442	195.43	0.22
19.90	0.20	2,439	195.43	0.21
20.00	0.20	2,436	195.42	0.21
20.10	0.20	2,432	195.42	0.21
20.20	0.20	2,429	195.42	0.21
20.30	0.20	2,425	195.42	0.21
20.40	0.20	2,422	195.42	0.21
20.50	0.20	2,419	195.42	0.20
20.60	0.20	2,416	195.42	0.20
20.70	0.19	2,413	195.42	0.20

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.19	2,410	195.42	0.20
20.90	0.19	2,407	195.42	0.20
21.00	0.19	2,403	195.42	0.20
21.10	0.19	2,400	195.42	0.20
21.20	0.19	2,397	195.42	0.20
21.30	0.19	2,394	195.42	0.19
21.40	0.18	2,390	195.42	0.19
21.50	0.18	2,387	195.42	0.19
21.60	0.18	2,384	195.42	0.19
21.70	0.18	2,380	195.42	0.19
21.80	0.18	2,377	195.41	0.19
21.90	0.18	2,374	195.41	0.19
22.00	0.18	2,370	195.41	0.18
22.10	0.17	2,367	195.41	0.18
22.20	0.17	2,364	195.41	0.18
22.30	0.17	2,360	195.41	0.18
22.40	0.17	2,357	195.41	0.18
22.50	0.17	2,353	195.41	0.18
22.60	0.17	2,350	195.41	0.18
22.70	0.17	2,347	195.41	0.17
22.80	0.16	2,343	195.41	0.17
22.90	0.16	2,340	195.41	0.17
23.00	0.16	2,336	195.41	0.17
23.10	0.16	2,333	195.41	0.17
23.20	0.16	2,329	195.41	0.17
23.30	0.16	2,326	195.41	0.17
23.40	0.16	2,323	195.40	0.17
23.50	0.15	2,319	195.40	0.16
23.60	0.15	2,316	195.40	0.16
23.70	0.15	2,312	195.40	0.16
23.80	0.15	2,309	195.40	0.16
23.90	0.15	2,306	195.40	0.16
24.00	0.15	2,305	195.40	0.16
24.10	0.09	2,291	195.40	0.15
24.20	0.02	2,257	195.39	0.14
24.30	0.00	2,215	195.39	0.12
24.40	0.00	2,174	195.38	0.11
24.50	0.00	2,137	195.37	0.10
24.60	0.00	2,105	195.37	0.08
24.70	0.00	2,076	195.36	0.07
24.80	0.00	2,051	195.36	0.07
24.90	0.00	2,028	195.35	0.06
25.00	0.00	2,007	195.35	0.06
25.10	0.00	1,988	195.35	0.05
25.20	0.00	1,971	195.34	0.05
25.30	0.00	1,955	195.34	0.04
25.40	0.00	1,941	195.34	0.04
25.50	0.00	1,928	195.34	0.03
25.60	0.00	1,916	195.33	0.03
25.70	0.00	1,905	195.33	0.03
25.80	0.00	1,895	195.33	0.03
25.90	0.00	1,886	195.33	0.02

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,878	195.33	0.02
26.10	0.00	1,870	195.33	0.02
26.20	0.00	1,862	195.32	0.02
26.30	0.00	1,855	195.32	0.02
26.40	0.00	1,848	195.32	0.02
26.50	0.00	1,842	195.32	0.02
26.60	0.00	1,835	195.32	0.02
26.70	0.00	1,830	195.32	0.02
26.80	0.00	1,824	195.32	0.02
26.90	0.00	1,819	195.32	0.01
27.00	0.00	1,814	195.32	0.01
27.10	0.00	1,809	195.32	0.01
27.20	0.00	1,804	195.31	0.01
27.30	0.00	1,800	195.31	0.01
27.40	0.00	1,796	195.31	0.01
27.50	0.00	1,792	195.31	0.01
27.60	0.00	1,789	195.31	0.01
27.70	0.00	1,785	195.31	0.01
27.80	0.00	1,782	195.31	0.01
27.90	0.00	1,779	195.31	0.01
28.00	0.00	1,776	195.31	0.01
28.10	0.00	1,773	195.31	0.01
28.20	0.00	1,770	195.31	0.01
28.30	0.00	1,768	195.31	0.01
28.40	0.00	1,765	195.31	0.01
28.50	0.00	1,763	195.31	0.01
28.60	0.00	1,761	195.31	0.01
28.70	0.00	1,759	195.31	0.01
28.80	0.00	1,757	195.31	0.01
28.90	0.00	1,755	195.31	0.01
29.00	0.00	1,753	195.31	0.00
29.10	0.00	1,752	195.31	0.00
29.20	0.00	1,750	195.31	0.00
29.30	0.00	1,748	195.30	0.00
29.40	0.00	1,747	195.30	0.00
29.50	0.00	1,746	195.30	0.00
29.60	0.00	1,744	195.30	0.00
29.70	0.00	1,743	195.30	0.00
29.80	0.00	1,742	195.30	0.00
29.90	0.00	1,741	195.30	0.00
30.00	0.00	1,740	195.30	0.00
30.10	0.00	1,739	195.30	0.00
30.20	0.00	1,738	195.30	0.00
30.30	0.00	1,737	195.30	0.00
30.40	0.00	1,736	195.30	0.00
30.50	0.00	1,735	195.30	0.00
30.60	0.00	1,735	195.30	0.00
30.70	0.00	1,734	195.30	0.00
30.80	0.00	1,733	195.30	0.00
30.90	0.00	1,733	195.30	0.00
31.00	0.00	1,732	195.30	0.00
31.10	0.00	1,731	195.30	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,731	195.30	0.00
31.30	0.00	1,730	195.30	0.00
31.40	0.00	1,730	195.30	0.00
31.50	0.00	1,729	195.30	0.00
31.60	0.00	1,729	195.30	0.00
31.70	0.00	1,728	195.30	0.00
31.80	0.00	1,728	195.30	0.00
31.90	0.00	1,728	195.30	0.00
32.00	0.00	1,727	195.30	0.00
32.10	0.00	1,727	195.30	0.00
32.20	0.00	1,727	195.30	0.00
32.30	0.00	1,726	195.30	0.00
32.40	0.00	1,726	195.30	0.00
32.50	0.00	1,726	195.30	0.00
32.60	0.00	1,725	195.30	0.00
32.70	0.00	1,725	195.30	0.00
32.80	0.00	1,725	195.30	0.00
32.90	0.00	1,725	195.30	0.00
33.00	0.00	1,725	195.30	0.00
33.10	0.00	1,724	195.30	0.00
33.20	0.00	1,724	195.30	0.00
33.30	0.00	1,724	195.30	0.00
33.40	0.00	1,724	195.30	0.00
33.50	0.00	1,724	195.30	0.00
33.60	0.00	1,723	195.30	0.00
33.70	0.00	1,723	195.30	0.00
33.80	0.00	1,723	195.30	0.00
33.90	0.00	1,723	195.30	0.00
34.00	0.00	1,723	195.30	0.00
34.10	0.00	1,723	195.30	0.00
34.20	0.00	1,723	195.30	0.00
34.30	0.00	1,723	195.30	0.00
34.40	0.00	1,722	195.30	0.00
34.50	0.00	1,722	195.30	0.00
34.60	0.00	1,722	195.30	0.00
34.70	0.00	1,722	195.30	0.00
34.80	0.00	1,722	195.30	0.00
34.90	0.00	1,722	195.30	0.00
35.00	0.00	1,722	195.30	0.00
35.10	0.00	1,722	195.30	0.00
35.20	0.00	1,722	195.30	0.00
35.30	0.00	1,722	195.30	0.00
35.40	0.00	1,722	195.30	0.00
35.50	0.00	1,722	195.30	0.00
35.60	0.00	1,722	195.30	0.00
35.70	0.00	1,721	195.30	0.00
35.80	0.00	1,721	195.30	0.00
35.90	0.00	1,721	195.30	0.00
36.00	0.00	1,721	195.30	0.00
36.10	0.00	1,721	195.30	0.00
36.20	0.00	1,721	195.30	0.00
36.30	0.00	1,721	195.30	0.00

Hydrograph for Pond B-32: Basin #32 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,721	195.30	0.00
36.50	0.00	1,721	195.30	0.00
36.60	0.00	1,721	195.30	0.00
36.70	0.00	1,721	195.30	0.00
36.80	0.00	1,721	195.30	0.00
36.90	0.00	1,721	195.30	0.00
37.00	0.00	1,721	195.30	0.00
37.10	0.00	1,721	195.30	0.00
37.20	0.00	1,721	195.30	0.00
37.30	0.00	1,721	195.30	0.00
37.40	0.00	1,721	195.30	0.00
37.50	0.00	1,721	195.30	0.00
37.60	0.00	1,721	195.30	0.00
37.70	0.00	1,721	195.30	0.00
37.80	0.00	1,721	195.30	0.00
37.90	0.00	1,721	195.30	0.00
38.00	0.00	1,721	195.30	0.00
38.10	0.00	1,721	195.30	0.00
38.20	0.00	1,721	195.30	0.00
38.30	0.00	1,721	195.30	0.00
38.40	0.00	1,721	195.30	0.00
38.50	0.00	1,721	195.30	0.00
38.60	0.00	1,721	195.30	0.00
38.70	0.00	1,721	195.30	0.00
38.80	0.00	1,721	195.30	0.00
38.90	0.00	1,721	195.30	0.00
39.00	0.00	1,721	195.30	0.00
39.10	0.00	1,721	195.30	0.00
39.20	0.00	1,721	195.30	0.00
39.30	0.00	1,721	195.30	0.00
39.40	0.00	1,721	195.30	0.00
39.50	0.00	1,721	195.30	0.00
39.60	0.00	1,721	195.30	0.00
39.70	0.00	1,721	195.30	0.00
39.80	0.00	1,721	195.30	0.00
39.90	0.00	1,721	195.30	0.00
40.00	0.00	1,721	195.30	0.00

Stage-Discharge for Pond B-32: Basin #32

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.00	0.00	195.52	0.50	196.04	1.82	196.56	2.51
195.01	0.00	195.53	0.53	196.05	1.83	196.57	2.53
195.02	0.00	195.54	0.57	196.06	1.85	196.58	2.54
195.03	0.00	195.55	0.60	196.07	1.86	196.59	2.55
195.04	0.00	195.56	0.64	196.08	1.88	196.60	2.56
195.05	0.00	195.57	0.68	196.09	1.90	196.61	2.57
195.06	0.00	195.58	0.71	196.10	1.91	196.62	2.58
195.07	0.00	195.59	0.75	196.11	1.93	196.63	2.59
195.08	0.00	195.60	0.79	196.12	1.94	196.64	2.61
195.09	0.00	195.61	0.83	196.13	1.96	196.65	2.62
195.10	0.00	195.62	0.87	196.14	1.97	196.66	2.63
195.11	0.00	195.63	0.91	196.15	1.99	196.67	2.64
195.12	0.00	195.64	0.95	196.16	2.00	196.68	2.65
195.13	0.00	195.65	0.99	196.17	2.01	196.69	2.66
195.14	0.00	195.66	1.02	196.18	2.03	196.70	2.67
195.15	0.00	195.67	1.05	196.19	2.04	196.71	2.68
195.16	0.00	195.68	1.08	196.20	2.06	196.72	2.69
195.17	0.00	195.69	1.11	196.21	2.07	196.73	2.70
195.18	0.00	195.70	1.14	196.22	2.09	196.74	2.71
195.19	0.00	195.71	1.16	196.23	2.10	196.75	2.73
195.20	0.00	195.72	1.19	196.24	2.11	196.76	2.74
195.21	0.00	195.73	1.21	196.25	2.13	196.77	2.75
195.22	0.00	195.74	1.24	196.26	2.14	196.78	2.76
195.23	0.00	195.75	1.26	196.27	2.15	196.79	2.77
195.24	0.00	195.76	1.29	196.28	2.17	196.80	2.78
195.25	0.00	195.77	1.31	196.29	2.18	196.81	2.79
195.26	0.00	195.78	1.33	196.30	2.19	196.82	2.80
195.27	0.00	195.79	1.35	196.31	2.21	196.83	2.81
195.28	0.00	195.80	1.37	196.32	2.22	196.84	2.82
195.29	0.00	195.81	1.40	196.33	2.23	196.85	2.83
195.30	0.00	195.82	1.42	196.34	2.25	196.86	2.84
195.31	0.00	195.83	1.44	196.35	2.26	196.87	2.85
195.32	0.01	195.84	1.46	196.36	2.27	196.88	2.86
195.33	0.03	195.85	1.48	196.37	2.28	196.89	2.87
195.34	0.04	195.86	1.50	196.38	2.30	196.90	2.88
195.35	0.05	195.87	1.52	196.39	2.31	196.91	2.89
195.36	0.07	195.88	1.54	196.40	2.32	196.92	2.90
195.37	0.09	195.89	1.56	196.41	2.34	196.93	2.91
195.38	0.11	195.90	1.57	196.42	2.35	196.94	2.92
195.39	0.13	195.91	1.59	196.43	2.36	196.95	2.93
195.40	0.15	195.92	1.61	196.44	2.37	196.96	2.94
195.41	0.18	195.93	1.63	196.45	2.38	196.97	2.95
195.42	0.20	195.94	1.65	196.46	2.40	196.98	2.96
195.43	0.23	195.95	1.67	196.47	2.41	196.99	2.97
195.44	0.25	195.96	1.68	196.48	2.42	197.00	2.98
195.45	0.28	195.97	1.70	196.49	2.43	197.01	2.99
195.46	0.31	195.98	1.72	196.50	2.44	197.02	3.00
195.47	0.34	195.99	1.73	196.51	2.46	197.03	3.01
195.48	0.37	196.00	1.75	196.52	2.47	197.04	3.02
195.49	0.40	196.01	1.77	196.53	2.48	197.05	3.03
195.50	0.43	196.02	1.78	196.54	2.49	197.06	3.04
195.51	0.46	196.03	1.80	196.55	2.50	197.07	3.05

Stage-Discharge for Pond B-32: Basin #32 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
197.08	3.06	197.60	8.85
197.09	3.07	197.61	9.53
197.10	3.08	197.62	10.23
197.11	3.08	197.63	10.97
197.12	3.09	197.64	11.73
197.13	3.10	197.65	12.52
197.14	3.11	197.66	13.33
197.15	3.12	197.67	14.17
197.16	3.13	197.68	15.03
197.17	3.14	197.69	15.92
197.18	3.15	197.70	16.82
197.19	3.16	197.71	17.79
197.20	3.17	197.72	18.79
197.21	3.18	197.73	19.81
197.22	3.19	197.74	20.86
197.23	3.20	197.75	21.93
197.24	3.20	197.76	23.04
197.25	3.21	197.77	24.16
197.26	3.22	197.78	25.32
197.27	3.23	197.79	26.50
197.28	3.24	197.80	27.70
197.29	3.25	197.81	28.94
197.30	3.26	197.82	30.19
197.31	3.27	197.83	31.48
197.32	3.28	197.84	32.79
197.33	3.29	197.85	34.12
197.34	3.29	197.86	35.48
197.35	3.30	197.87	36.87
197.36	3.32	197.88	38.28
197.37	3.36	197.89	39.71
197.38	3.40	197.90	41.17
197.39	3.44	197.91	42.69
197.40	3.49	197.92	44.23
197.41	3.55	197.93	45.79
197.42	3.61	197.94	47.39
197.43	3.67	197.95	49.01
197.44	3.73	197.96	50.66
197.45	3.80	197.97	52.33
197.46	3.87	197.98	54.04
197.47	3.95	197.99	55.77
197.48	4.02	198.00	57.53
197.49	4.10		
197.50	4.19		
197.51	4.39		
197.52	4.69		
197.53	5.06		
197.54	5.48		
197.55	5.94		
197.56	6.45		
197.57	7.00		
197.58	7.58		
197.59	8.20		

Stage-Area-Storage for Pond B-32: Basin #32

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.00	5,735	0	195.52	5,735	2,982
195.01	5,735	57	195.53	5,735	3,040
195.02	5,735	115	195.54	5,735	3,097
195.03	5,735	172	195.55	5,735	3,154
195.04	5,735	229	195.56	5,735	3,212
195.05	5,735	287	195.57	5,735	3,269
195.06	5,735	344	195.58	5,735	3,326
195.07	5,735	401	195.59	5,735	3,384
195.08	5,735	459	195.60	5,735	3,441
195.09	5,735	516	195.61	5,735	3,498
195.10	5,735	573	195.62	5,735	3,556
195.11	5,735	631	195.63	5,735	3,613
195.12	5,735	688	195.64	5,735	3,670
195.13	5,735	746	195.65	5,735	3,728
195.14	5,735	803	195.66	5,735	3,785
195.15	5,735	860	195.67	5,735	3,842
195.16	5,735	918	195.68	5,735	3,900
195.17	5,735	975	195.69	5,735	3,957
195.18	5,735	1,032	195.70	5,735	4,014
195.19	5,735	1,090	195.71	5,735	4,072
195.20	5,735	1,147	195.72	5,735	4,129
195.21	5,735	1,204	195.73	5,735	4,187
195.22	5,735	1,262	195.74	5,735	4,244
195.23	5,735	1,319	195.75	5,735	4,301
195.24	5,735	1,376	195.76	5,735	4,359
195.25	5,735	1,434	195.77	5,735	4,416
195.26	5,735	1,491	195.78	5,735	4,473
195.27	5,735	1,548	195.79	5,735	4,531
195.28	5,735	1,606	195.80	5,735	4,588
195.29	5,735	1,663	195.81	5,735	4,645
195.30	5,735	1,721	195.82	5,735	4,703
195.31	5,735	1,778	195.83	5,735	4,760
195.32	5,735	1,835	195.84	5,735	4,817
195.33	5,735	1,893	195.85	5,735	4,875
195.34	5,735	1,950	195.86	5,735	4,932
195.35	5,735	2,007	195.87	5,735	4,989
195.36	5,735	2,065	195.88	5,735	5,047
195.37	5,735	2,122	195.89	5,735	5,104
195.38	5,735	2,179	195.90	5,735	5,162
195.39	5,735	2,237	195.91	5,735	5,219
195.40	5,735	2,294	195.92	5,735	5,276
195.41	5,735	2,351	195.93	5,735	5,334
195.42	5,735	2,409	195.94	5,735	5,391
195.43	5,735	2,466	195.95	5,735	5,448
195.44	5,735	2,523	195.96	5,735	5,506
195.45	5,735	2,581	195.97	5,735	5,563
195.46	5,735	2,638	195.98	5,735	5,620
195.47	5,735	2,695	195.99	5,735	5,678
195.48	5,735	2,753	196.00	5,735	5,735
195.49	5,735	2,810	196.01	5,735	5,792
195.50	5,735	2,868	196.02	5,735	5,850
195.51	5,735	2,925	196.03	5,735	5,907

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.04	5,735	5,964	196.56	5,735	8,947
196.05	5,735	6,022	196.57	5,735	9,004
196.06	5,735	6,079	196.58	5,735	9,061
196.07	5,735	6,136	196.59	5,735	9,119
196.08	5,735	6,194	196.60	5,735	9,176
196.09	5,735	6,251	196.61	5,735	9,233
196.10	5,735	6,308	196.62	5,735	9,291
196.11	5,735	6,366	196.63	5,735	9,348
196.12	5,735	6,423	196.64	5,735	9,405
196.13	5,735	6,481	196.65	5,735	9,463
196.14	5,735	6,538	196.66	5,735	9,520
196.15	5,735	6,595	196.67	5,735	9,577
196.16	5,735	6,653	196.68	5,735	9,635
196.17	5,735	6,710	196.69	5,735	9,692
196.18	5,735	6,767	196.70	5,735	9,749
196.19	5,735	6,825	196.71	5,735	9,807
196.20	5,735	6,882	196.72	5,735	9,864
196.21	5,735	6,939	196.73	5,735	9,922
196.22	5,735	6,997	196.74	5,735	9,979
196.23	5,735	7,054	196.75	5,735	10,036
196.24	5,735	7,111	196.76	5,735	10,094
196.25	5,735	7,169	196.77	5,735	10,151
196.26	5,735	7,226	196.78	5,735	10,208
196.27	5,735	7,283	196.79	5,735	10,266
196.28	5,735	7,341	196.80	5,735	10,323
196.29	5,735	7,398	196.81	5,735	10,380
196.30	5,735	7,456	196.82	5,735	10,438
196.31	5,735	7,513	196.83	5,735	10,495
196.32	5,735	7,570	196.84	5,735	10,552
196.33	5,735	7,628	196.85	5,735	10,610
196.34	5,735	7,685	196.86	5,735	10,667
196.35	5,735	7,742	196.87	5,735	10,724
196.36	5,735	7,800	196.88	5,735	10,782
196.37	5,735	7,857	196.89	5,735	10,839
196.38	5,735	7,914	196.90	5,735	10,897
196.39	5,735	7,972	196.91	5,735	10,954
196.40	5,735	8,029	196.92	5,735	11,011
196.41	5,735	8,086	196.93	5,735	11,069
196.42	5,735	8,144	196.94	5,735	11,126
196.43	5,735	8,201	196.95	5,735	11,183
196.44	5,735	8,258	196.96	5,735	11,241
196.45	5,735	8,316	196.97	5,735	11,298
196.46	5,735	8,373	196.98	5,735	11,355
196.47	5,735	8,430	196.99	5,735	11,413
196.48	5,735	8,488	197.00	5,735	11,470
196.49	5,735	8,545	197.01	5,735	11,527
196.50	5,735	8,603	197.02	5,735	11,585
196.51	5,735	8,660	197.03	5,735	11,642
196.52	5,735	8,717	197.04	5,735	11,699
196.53	5,735	8,775	197.05	5,735	11,757
196.54	5,735	8,832	197.06	5,735	11,814
196.55	5,735	8,889	197.07	5,735	11,871

Stage-Area-Storage for Pond B-32: Basin #32 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.08	5,735	11,929	197.60	5,735	14,911
197.09	5,735	11,986	197.61	5,735	14,968
197.10	5,735	12,043	197.62	5,735	15,026
197.11	5,735	12,101	197.63	5,735	15,083
197.12	5,735	12,158	197.64	5,735	15,140
197.13	5,735	12,216	197.65	5,735	15,198
197.14	5,735	12,273	197.66	5,735	15,255
197.15	5,735	12,330	197.67	5,735	15,312
197.16	5,735	12,388	197.68	5,735	15,370
197.17	5,735	12,445	197.69	5,735	15,427
197.18	5,735	12,502	197.70	5,735	15,484
197.19	5,735	12,560	197.71	5,735	15,542
197.20	5,735	12,617	197.72	5,735	15,599
197.21	5,735	12,674	197.73	5,735	15,657
197.22	5,735	12,732	197.74	5,735	15,714
197.23	5,735	12,789	197.75	5,735	15,771
197.24	5,735	12,846	197.76	5,735	15,829
197.25	5,735	12,904	197.77	5,735	15,886
197.26	5,735	12,961	197.78	5,735	15,943
197.27	5,735	13,018	197.79	5,735	16,001
197.28	5,735	13,076	197.80	5,735	16,058
197.29	5,735	13,133	197.81	5,735	16,115
197.30	5,735	13,191	197.82	5,735	16,173
197.31	5,735	13,248	197.83	5,735	16,230
197.32	5,735	13,305	197.84	5,735	16,287
197.33	5,735	13,363	197.85	5,735	16,345
197.34	5,735	13,420	197.86	5,735	16,402
197.35	5,735	13,477	197.87	5,735	16,459
197.36	5,735	13,535	197.88	5,735	16,517
197.37	5,735	13,592	197.89	5,735	16,574
197.38	5,735	13,649	197.90	5,735	16,632
197.39	5,735	13,707	197.91	5,735	16,689
197.40	5,735	13,764	197.92	5,735	16,746
197.41	5,735	13,821	197.93	5,735	16,804
197.42	5,735	13,879	197.94	5,735	16,861
197.43	5,735	13,936	197.95	5,735	16,918
197.44	5,735	13,993	197.96	5,735	16,976
197.45	5,735	14,051	197.97	5,735	17,033
197.46	5,735	14,108	197.98	5,735	17,090
197.47	5,735	14,165	197.99	5,735	17,148
197.48	5,735	14,223	198.00	5,735	17,205
197.49	5,735	14,280			
197.50	5,735	14,338			
197.51	5,735	14,395			
197.52	5,735	14,452			
197.53	5,735	14,510			
197.54	5,735	14,567			
197.55	5,735	14,624			
197.56	5,735	14,682			
197.57	5,735	14,739			
197.58	5,735	14,796			
197.59	5,735	14,854			

Summary for Pond B-33: Basin #33

Inflow Area = 1.761 ac, 50.99% Impervious, Inflow Depth = 9.29" for Future 100 yr event
 Inflow = 19.66 cfs @ 12.08 hrs, Volume= 1.363 af
 Outflow = 11.90 cfs @ 12.17 hrs, Volume= 1.278 af, Atten= 39%, Lag= 4.9 min
 Primary = 11.90 cfs @ 12.17 hrs, Volume= 1.278 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 190.50' @ 12.17 hrs Surf.Area= 5,432 sf Storage= 19,024 cf

Plug-Flow detention time= 130.7 min calculated for 1.276 af (94% of inflow)
 Center-of-Mass det. time= 95.9 min (859.1 - 763.2)

Volume	Invert	Avail.Storage	Storage Description
#1	187.00'	21,728 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
187.00	5,432	0	0
188.00	5,432	5,432	5,432
189.00	5,432	5,432	10,864
190.00	5,432	5,432	16,296
191.00	5,432	5,432	21,728

Device	Routing	Invert	Outlet Devices
#1	Primary	184.00'	18.0" Round Culvert L= 104.0' Ke= 0.500 Inlet / Outlet Invert= 184.00' / 182.00' S= 0.0192 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	187.66'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	188.64'	20.0" W x 7.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	190.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	190.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=11.55 cfs @ 12.17 hrs HW=190.48' (Free Discharge)

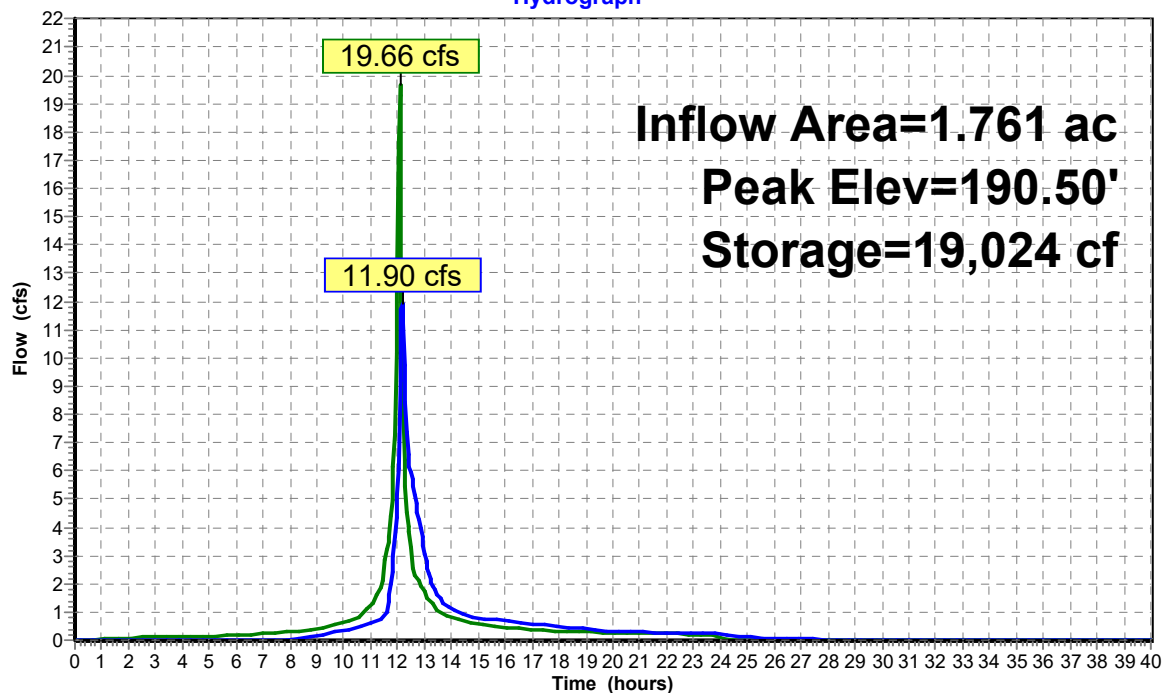
1=Culvert (Passes 11.55 cfs of 20.31 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.52 cfs @ 7.72 fps)
 3=Orifice/Grate (Orifice Controls 5.81 cfs @ 5.98 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 4.23 cfs @ 2.26 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir
Orifice/Grate
Pond B-33: Basin #33

Culvert

Pond B-33: Basin #33

Hydrograph



Hydrograph for Pond B-33: Basin #33

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	187.00	0.00
0.10	0.00	0	187.00	0.00
0.20	0.00	0	187.00	0.00
0.30	0.00	0	187.00	0.00
0.40	0.00	0	187.00	0.00
0.50	0.01	2	187.00	0.00
0.60	0.02	8	187.00	0.00
0.70	0.03	17	187.00	0.00
0.80	0.04	29	187.01	0.00
0.90	0.04	44	187.01	0.00
1.00	0.05	61	187.01	0.00
1.10	0.06	80	187.01	0.00
1.20	0.06	101	187.02	0.00
1.30	0.07	124	187.02	0.00
1.40	0.07	148	187.03	0.00
1.50	0.07	174	187.03	0.00
1.60	0.08	201	187.04	0.00
1.70	0.08	229	187.04	0.00
1.80	0.08	259	187.05	0.00
1.90	0.09	290	187.05	0.00
2.00	0.09	322	187.06	0.00
2.10	0.09	355	187.07	0.00
2.20	0.10	389	187.07	0.00
2.30	0.10	424	187.08	0.00
2.40	0.10	459	187.08	0.00
2.50	0.10	496	187.09	0.00
2.60	0.10	533	187.10	0.00
2.70	0.11	571	187.11	0.00
2.80	0.11	610	187.11	0.00
2.90	0.11	649	187.12	0.00
3.00	0.11	689	187.13	0.00
3.10	0.11	730	187.13	0.00
3.20	0.12	772	187.14	0.00
3.30	0.12	814	187.15	0.00
3.40	0.12	856	187.16	0.00
3.50	0.12	900	187.17	0.00
3.60	0.12	944	187.17	0.00
3.70	0.12	988	187.18	0.00
3.80	0.13	1,033	187.19	0.00
3.90	0.13	1,078	187.20	0.00
4.00	0.13	1,124	187.21	0.00
4.10	0.13	1,171	187.22	0.00
4.20	0.13	1,218	187.22	0.00
4.30	0.13	1,266	187.23	0.00
4.40	0.13	1,314	187.24	0.00
4.50	0.14	1,363	187.25	0.00
4.60	0.14	1,412	187.26	0.00
4.70	0.14	1,461	187.27	0.00
4.80	0.14	1,511	187.28	0.00
4.90	0.14	1,562	187.29	0.00
5.00	0.14	1,613	187.30	0.00
5.10	0.14	1,664	187.31	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.15	1,717	187.32	0.00
5.30	0.15	1,770	187.33	0.00
5.40	0.15	1,825	187.34	0.00
5.50	0.16	1,880	187.35	0.00
5.60	0.16	1,936	187.36	0.00
5.70	0.16	1,993	187.37	0.00
5.80	0.16	2,052	187.38	0.00
5.90	0.17	2,111	187.39	0.00
6.00	0.17	2,171	187.40	0.00
6.10	0.17	2,233	187.41	0.00
6.20	0.18	2,296	187.42	0.00
6.30	0.19	2,362	187.43	0.00
6.40	0.19	2,430	187.45	0.00
6.50	0.20	2,500	187.46	0.00
6.60	0.20	2,572	187.47	0.00
6.70	0.21	2,647	187.49	0.00
6.80	0.22	2,724	187.50	0.00
6.90	0.22	2,803	187.52	0.00
7.00	0.23	2,884	187.53	0.00
7.10	0.24	2,968	187.55	0.00
7.20	0.24	3,055	187.56	0.00
7.30	0.25	3,143	187.58	0.00
7.40	0.26	3,234	187.60	0.00
7.50	0.26	3,328	187.61	0.00
7.60	0.27	3,424	187.63	0.00
7.70	0.28	3,523	187.65	0.00
7.80	0.28	3,624	187.67	0.00
7.90	0.29	3,727	187.69	0.00
8.00	0.30	3,832	187.71	0.01
8.10	0.31	3,937	187.72	0.01
8.20	0.31	4,043	187.74	0.02
8.30	0.32	4,147	187.76	0.03
8.40	0.33	4,250	187.78	0.05
8.50	0.34	4,351	187.80	0.06
8.60	0.34	4,450	187.82	0.07
8.70	0.35	4,546	187.84	0.09
8.80	0.36	4,639	187.85	0.11
8.90	0.37	4,728	187.87	0.12
9.00	0.38	4,815	187.89	0.14
9.10	0.40	4,900	187.90	0.16
9.20	0.42	4,987	187.92	0.18
9.30	0.44	5,075	187.93	0.20
9.40	0.47	5,165	187.95	0.22
9.50	0.49	5,255	187.97	0.24
9.60	0.52	5,347	187.98	0.26
9.70	0.54	5,439	188.00	0.28
9.80	0.57	5,533	188.02	0.31
9.90	0.59	5,627	188.04	0.33
10.00	0.62	5,722	188.05	0.35
10.10	0.64	5,818	188.07	0.38
10.20	0.67	5,915	188.09	0.40
10.30	0.70	6,015	188.11	0.42

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.73	6,116	188.13	0.44
10.50	0.76	6,221	188.15	0.46
10.60	0.84	6,341	188.17	0.48
10.70	0.94	6,485	188.19	0.50
10.80	1.03	6,655	188.23	0.53
10.90	1.13	6,849	188.26	0.56
11.00	1.23	7,068	188.30	0.59
11.10	1.41	7,327	188.35	0.63
11.20	1.59	7,637	188.41	0.67
11.30	1.78	7,998	188.47	0.71
11.40	1.97	8,412	188.55	0.76
11.50	2.20	8,878	188.63	0.80
11.60	3.24	9,546	188.76	1.09
11.70	3.65	10,301	188.90	1.63
11.80	4.99	11,144	189.05	2.42
11.90	7.23	12,268	189.26	3.66
12.00	12.59	14,310	189.63	5.14
12.10	19.27	17,976	190.31	9.17
12.20	8.45	18,776	190.46	11.23
12.30	5.47	17,650	190.25	8.42
12.40	4.05	16,644	190.06	6.57
12.50	3.65	15,794	189.91	5.94
12.60	2.52	14,824	189.73	5.43
12.70	2.27	13,830	189.55	4.84
12.80	2.08	12,971	189.39	4.25
12.90	1.88	12,256	189.26	3.65
13.00	1.68	11,694	189.15	3.02
13.10	1.49	11,261	189.07	2.54
13.20	1.37	10,922	189.01	2.20
13.30	1.27	10,651	188.96	1.94
13.40	1.16	10,424	188.92	1.74
13.50	1.05	10,225	188.88	1.57
13.60	0.95	10,044	188.85	1.43
13.70	0.92	9,887	188.82	1.31
13.80	0.89	9,756	188.80	1.22
13.90	0.86	9,645	188.78	1.15
14.00	0.83	9,548	188.76	1.09
14.10	0.81	9,461	188.74	1.04
14.20	0.78	9,380	188.73	0.99
14.30	0.75	9,305	188.71	0.95
14.40	0.72	9,232	188.70	0.92
14.50	0.70	9,161	188.69	0.89
14.60	0.67	9,092	188.67	0.86
14.70	0.64	9,019	188.66	0.84
14.80	0.61	8,945	188.65	0.82
14.90	0.58	8,869	188.63	0.80
15.00	0.55	8,785	188.62	0.80
15.10	0.53	8,695	188.60	0.79
15.20	0.52	8,603	188.58	0.78
15.30	0.51	8,511	188.57	0.77
15.40	0.51	8,420	188.55	0.76
15.50	0.50	8,330	188.53	0.75

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.49	8,240	188.52	0.74
15.70	0.48	8,152	188.50	0.73
15.80	0.47	8,064	188.48	0.72
15.90	0.47	7,978	188.47	0.71
16.00	0.46	7,892	188.45	0.70
16.10	0.45	7,808	188.44	0.69
16.20	0.45	7,725	188.42	0.68
16.30	0.44	7,642	188.41	0.67
16.40	0.43	7,560	188.39	0.66
16.50	0.42	7,479	188.38	0.65
16.60	0.42	7,400	188.36	0.64
16.70	0.41	7,321	188.35	0.63
16.80	0.40	7,243	188.33	0.62
16.90	0.39	7,167	188.32	0.60
17.00	0.39	7,091	188.31	0.59
17.10	0.38	7,017	188.29	0.58
17.20	0.37	6,944	188.28	0.57
17.30	0.36	6,871	188.26	0.56
17.40	0.36	6,800	188.25	0.55
17.50	0.35	6,729	188.24	0.54
17.60	0.34	6,660	188.23	0.53
17.70	0.33	6,593	188.21	0.52
17.80	0.33	6,526	188.20	0.51
17.90	0.32	6,460	188.19	0.50
18.00	0.31	6,396	188.18	0.49
18.10	0.30	6,333	188.17	0.48
18.20	0.30	6,272	188.15	0.47
18.30	0.30	6,213	188.14	0.46
18.40	0.30	6,158	188.13	0.45
18.50	0.30	6,105	188.12	0.44
18.60	0.29	6,055	188.11	0.43
18.70	0.29	6,008	188.11	0.42
18.80	0.29	5,964	188.10	0.41
18.90	0.29	5,922	188.09	0.40
19.00	0.29	5,883	188.08	0.39
19.10	0.29	5,847	188.08	0.38
19.20	0.28	5,813	188.07	0.38
19.30	0.28	5,781	188.06	0.37
19.40	0.28	5,751	188.06	0.36
19.50	0.28	5,722	188.05	0.35
19.60	0.28	5,696	188.05	0.35
19.70	0.27	5,671	188.04	0.34
19.80	0.27	5,648	188.04	0.34
19.90	0.27	5,626	188.04	0.33
20.00	0.27	5,605	188.03	0.33
20.10	0.27	5,586	188.03	0.32
20.20	0.27	5,567	188.02	0.32
20.30	0.26	5,549	188.02	0.31
20.40	0.26	5,532	188.02	0.31
20.50	0.26	5,516	188.02	0.30
20.60	0.26	5,501	188.01	0.30
20.70	0.26	5,486	188.01	0.30

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	5,472	188.01	0.29
20.90	0.25	5,459	188.00	0.29
21.00	0.25	5,446	188.00	0.29
21.10	0.25	5,433	188.00	0.28
21.20	0.25	5,421	188.00	0.28
21.30	0.25	5,409	188.00	0.28
21.40	0.24	5,398	187.99	0.27
21.50	0.24	5,387	187.99	0.27
21.60	0.24	5,376	187.99	0.27
21.70	0.24	5,365	187.99	0.27
21.80	0.24	5,355	187.99	0.26
21.90	0.23	5,345	187.98	0.26
22.00	0.23	5,335	187.98	0.26
22.10	0.23	5,326	187.98	0.26
22.20	0.23	5,316	187.98	0.25
22.30	0.23	5,307	187.98	0.25
22.40	0.22	5,298	187.98	0.25
22.50	0.22	5,288	187.97	0.25
22.60	0.22	5,280	187.97	0.25
22.70	0.22	5,271	187.97	0.24
22.80	0.22	5,262	187.97	0.24
22.90	0.21	5,253	187.97	0.24
23.00	0.21	5,245	187.97	0.24
23.10	0.21	5,236	187.96	0.23
23.20	0.21	5,228	187.96	0.23
23.30	0.21	5,219	187.96	0.23
23.40	0.21	5,211	187.96	0.23
23.50	0.20	5,203	187.96	0.23
23.60	0.20	5,194	187.96	0.22
23.70	0.20	5,186	187.95	0.22
23.80	0.20	5,178	187.95	0.22
23.90	0.20	5,170	187.95	0.22
24.00	0.22	5,169	187.95	0.22
24.10	0.02	5,129	187.94	0.21
24.20	0.00	5,059	187.93	0.19
24.30	0.00	4,992	187.92	0.18
24.40	0.00	4,930	187.91	0.16
24.50	0.00	4,873	187.90	0.15
24.60	0.00	4,820	187.89	0.14
24.70	0.00	4,771	187.88	0.13
24.80	0.00	4,726	187.87	0.12
24.90	0.00	4,683	187.86	0.11
25.00	0.00	4,643	187.85	0.11
25.10	0.00	4,606	187.85	0.10
25.20	0.00	4,571	187.84	0.09
25.30	0.00	4,538	187.84	0.09
25.40	0.00	4,508	187.83	0.08
25.50	0.00	4,479	187.82	0.08
25.60	0.00	4,451	187.82	0.07
25.70	0.00	4,425	187.81	0.07
25.80	0.00	4,401	187.81	0.07
25.90	0.00	4,377	187.81	0.06

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,356	187.80	0.06
26.10	0.00	4,335	187.80	0.06
26.20	0.00	4,315	187.79	0.05
26.30	0.00	4,296	187.79	0.05
26.40	0.00	4,278	187.79	0.05
26.50	0.00	4,261	187.78	0.05
26.60	0.00	4,245	187.78	0.04
26.70	0.00	4,229	187.78	0.04
26.80	0.00	4,214	187.78	0.04
26.90	0.00	4,200	187.77	0.04
27.00	0.00	4,186	187.77	0.04
27.10	0.00	4,173	187.77	0.04
27.20	0.00	4,160	187.77	0.03
27.30	0.00	4,148	187.76	0.03
27.40	0.00	4,137	187.76	0.03
27.50	0.00	4,126	187.76	0.03
27.60	0.00	4,115	187.76	0.03
27.70	0.00	4,105	187.76	0.03
27.80	0.00	4,095	187.75	0.03
27.90	0.00	4,085	187.75	0.03
28.00	0.00	4,076	187.75	0.03
28.10	0.00	4,067	187.75	0.02
28.20	0.00	4,058	187.75	0.02
28.30	0.00	4,050	187.75	0.02
28.40	0.00	4,041	187.74	0.02
28.50	0.00	4,033	187.74	0.02
28.60	0.00	4,026	187.74	0.02
28.70	0.00	4,018	187.74	0.02
28.80	0.00	4,011	187.74	0.02
28.90	0.00	4,004	187.74	0.02
29.00	0.00	3,997	187.74	0.02
29.10	0.00	3,990	187.73	0.02
29.20	0.00	3,984	187.73	0.02
29.30	0.00	3,978	187.73	0.02
29.40	0.00	3,972	187.73	0.02
29.50	0.00	3,966	187.73	0.02
29.60	0.00	3,960	187.73	0.02
29.70	0.00	3,955	187.73	0.01
29.80	0.00	3,950	187.73	0.01
29.90	0.00	3,944	187.73	0.01
30.00	0.00	3,940	187.73	0.01
30.10	0.00	3,935	187.72	0.01
30.20	0.00	3,930	187.72	0.01
30.30	0.00	3,925	187.72	0.01
30.40	0.00	3,921	187.72	0.01
30.50	0.00	3,917	187.72	0.01
30.60	0.00	3,913	187.72	0.01
30.70	0.00	3,909	187.72	0.01
30.80	0.00	3,905	187.72	0.01
30.90	0.00	3,901	187.72	0.01
31.00	0.00	3,897	187.72	0.01
31.10	0.00	3,893	187.72	0.01

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,890	187.72	0.01
31.30	0.00	3,886	187.72	0.01
31.40	0.00	3,882	187.71	0.01
31.50	0.00	3,879	187.71	0.01
31.60	0.00	3,875	187.71	0.01
31.70	0.00	3,872	187.71	0.01
31.80	0.00	3,869	187.71	0.01
31.90	0.00	3,865	187.71	0.01
32.00	0.00	3,862	187.71	0.01
32.10	0.00	3,859	187.71	0.01
32.20	0.00	3,856	187.71	0.01
32.30	0.00	3,853	187.71	0.01
32.40	0.00	3,850	187.71	0.01
32.50	0.00	3,847	187.71	0.01
32.60	0.00	3,844	187.71	0.01
32.70	0.00	3,841	187.71	0.01
32.80	0.00	3,838	187.71	0.01
32.90	0.00	3,835	187.71	0.01
33.00	0.00	3,833	187.71	0.01
33.10	0.00	3,830	187.71	0.01
33.20	0.00	3,827	187.70	0.01
33.30	0.00	3,825	187.70	0.01
33.40	0.00	3,822	187.70	0.01
33.50	0.00	3,820	187.70	0.01
33.60	0.00	3,817	187.70	0.01
33.70	0.00	3,815	187.70	0.01
33.80	0.00	3,812	187.70	0.01
33.90	0.00	3,810	187.70	0.01
34.00	0.00	3,807	187.70	0.01
34.10	0.00	3,805	187.70	0.01
34.20	0.00	3,803	187.70	0.01
34.30	0.00	3,801	187.70	0.01
34.40	0.00	3,799	187.70	0.01
34.50	0.00	3,796	187.70	0.01
34.60	0.00	3,794	187.70	0.01
34.70	0.00	3,792	187.70	0.01
34.80	0.00	3,790	187.70	0.01
34.90	0.00	3,788	187.70	0.01
35.00	0.00	3,786	187.70	0.01
35.10	0.00	3,784	187.70	0.01
35.20	0.00	3,782	187.70	0.01
35.30	0.00	3,780	187.70	0.01
35.40	0.00	3,778	187.70	0.01
35.50	0.00	3,777	187.70	0.01
35.60	0.00	3,775	187.69	0.00
35.70	0.00	3,773	187.69	0.00
35.80	0.00	3,771	187.69	0.00
35.90	0.00	3,770	187.69	0.00
36.00	0.00	3,768	187.69	0.00
36.10	0.00	3,766	187.69	0.00
36.20	0.00	3,765	187.69	0.00
36.30	0.00	3,763	187.69	0.00

Hydrograph for Pond B-33: Basin #33 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,762	187.69	0.00
36.50	0.00	3,760	187.69	0.00
36.60	0.00	3,758	187.69	0.00
36.70	0.00	3,757	187.69	0.00
36.80	0.00	3,755	187.69	0.00
36.90	0.00	3,754	187.69	0.00
37.00	0.00	3,753	187.69	0.00
37.10	0.00	3,751	187.69	0.00
37.20	0.00	3,750	187.69	0.00
37.30	0.00	3,748	187.69	0.00
37.40	0.00	3,747	187.69	0.00
37.50	0.00	3,746	187.69	0.00
37.60	0.00	3,744	187.69	0.00
37.70	0.00	3,743	187.69	0.00
37.80	0.00	3,742	187.69	0.00
37.90	0.00	3,741	187.69	0.00
38.00	0.00	3,739	187.69	0.00
38.10	0.00	3,738	187.69	0.00
38.20	0.00	3,737	187.69	0.00
38.30	0.00	3,736	187.69	0.00
38.40	0.00	3,735	187.69	0.00
38.50	0.00	3,734	187.69	0.00
38.60	0.00	3,733	187.69	0.00
38.70	0.00	3,732	187.69	0.00
38.80	0.00	3,730	187.69	0.00
38.90	0.00	3,729	187.69	0.00
39.00	0.00	3,728	187.69	0.00
39.10	0.00	3,727	187.69	0.00
39.20	0.00	3,726	187.69	0.00
39.30	0.00	3,725	187.69	0.00
39.40	0.00	3,724	187.69	0.00
39.50	0.00	3,723	187.69	0.00
39.60	0.00	3,723	187.69	0.00
39.70	0.00	3,722	187.69	0.00
39.80	0.00	3,721	187.68	0.00
39.90	0.00	3,720	187.68	0.00
40.00	0.00	3,719	187.68	0.00

Stage-Discharge for Pond B-33: Basin #33

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
187.00	0.00	187.52	0.00	188.04	0.34	188.56	0.76
187.01	0.00	187.53	0.00	188.05	0.35	188.57	0.77
187.02	0.00	187.54	0.00	188.06	0.36	188.58	0.77
187.03	0.00	187.55	0.00	188.07	0.38	188.59	0.78
187.04	0.00	187.56	0.00	188.08	0.39	188.60	0.79
187.05	0.00	187.57	0.00	188.09	0.40	188.61	0.79
187.06	0.00	187.58	0.00	188.10	0.41	188.62	0.80
187.07	0.00	187.59	0.00	188.11	0.43	188.63	0.80
187.08	0.00	187.60	0.00	188.12	0.44	188.64	0.81
187.09	0.00	187.61	0.00	188.13	0.45	188.65	0.82
187.10	0.00	187.62	0.00	188.14	0.46	188.66	0.83
187.11	0.00	187.63	0.00	188.15	0.47	188.67	0.85
187.12	0.00	187.64	0.00	188.16	0.47	188.68	0.87
187.13	0.00	187.65	0.00	188.17	0.48	188.69	0.89
187.14	0.00	187.66	0.00	188.18	0.49	188.70	0.92
187.15	0.00	187.67	0.00	188.19	0.50	188.71	0.94
187.16	0.00	187.68	0.00	188.20	0.51	188.72	0.97
187.17	0.00	187.69	0.00	188.21	0.52	188.73	1.00
187.18	0.00	187.70	0.01	188.22	0.53	188.74	1.03
187.19	0.00	187.71	0.01	188.23	0.53	188.75	1.06
187.20	0.00	187.72	0.01	188.24	0.54	188.76	1.09
187.21	0.00	187.73	0.02	188.25	0.55	188.77	1.13
187.22	0.00	187.74	0.02	188.26	0.56	188.78	1.16
187.23	0.00	187.75	0.02	188.27	0.57	188.79	1.20
187.24	0.00	187.76	0.03	188.28	0.58	188.80	1.23
187.25	0.00	187.77	0.04	188.29	0.58	188.81	1.27
187.26	0.00	187.78	0.04	188.30	0.59	188.82	1.31
187.27	0.00	187.79	0.05	188.31	0.60	188.83	1.35
187.28	0.00	187.80	0.06	188.32	0.61	188.84	1.39
187.29	0.00	187.81	0.07	188.33	0.61	188.85	1.43
187.30	0.00	187.82	0.07	188.34	0.62	188.86	1.47
187.31	0.00	187.83	0.08	188.35	0.63	188.87	1.52
187.32	0.00	187.84	0.09	188.36	0.63	188.88	1.56
187.33	0.00	187.85	0.10	188.37	0.64	188.89	1.60
187.34	0.00	187.86	0.11	188.38	0.65	188.90	1.65
187.35	0.00	187.87	0.12	188.39	0.66	188.91	1.70
187.36	0.00	187.88	0.13	188.40	0.66	188.92	1.74
187.37	0.00	187.89	0.14	188.41	0.67	188.93	1.79
187.38	0.00	187.90	0.16	188.42	0.68	188.94	1.84
187.39	0.00	187.91	0.17	188.43	0.68	188.95	1.89
187.40	0.00	187.92	0.18	188.44	0.69	188.96	1.94
187.41	0.00	187.93	0.19	188.45	0.69	188.97	1.99
187.42	0.00	187.94	0.20	188.46	0.70	188.98	2.04
187.43	0.00	187.95	0.22	188.47	0.71	188.99	2.09
187.44	0.00	187.96	0.23	188.48	0.71	189.00	2.14
187.45	0.00	187.97	0.24	188.49	0.72	189.01	2.20
187.46	0.00	187.98	0.26	188.50	0.73	189.02	2.25
187.47	0.00	187.99	0.27	188.51	0.73	189.03	2.30
187.48	0.00	188.00	0.28	188.52	0.74	189.04	2.36
187.49	0.00	188.01	0.30	188.53	0.74	189.05	2.41
187.50	0.00	188.02	0.31	188.54	0.75	189.06	2.47
187.51	0.00	188.03	0.32	188.55	0.76	189.07	2.53

Stage-Discharge for Pond B-33: Basin #33 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.08	2.58	189.60	5.02	190.12	7.04	190.64	20.33
189.09	2.64	189.61	5.06	190.13	7.13	190.65	21.17
189.10	2.70	189.62	5.09	190.14	7.23	190.66	22.04
189.11	2.76	189.63	5.12	190.15	7.32	190.67	22.94
189.12	2.82	189.64	5.15	190.16	7.42	190.68	23.85
189.13	2.88	189.65	5.19	190.17	7.53	190.69	24.79
189.14	2.94	189.66	5.22	190.18	7.63	190.70	25.75
189.15	3.00	189.67	5.25	190.19	7.74	190.71	26.78
189.16	3.06	189.68	5.28	190.20	7.85	190.72	27.83
189.17	3.13	189.69	5.31	190.21	7.96	190.73	28.90
189.18	3.19	189.70	5.34	190.22	8.07	190.74	30.00
189.19	3.25	189.71	5.37	190.23	8.19	190.75	31.13
189.20	3.32	189.72	5.40	190.24	8.31	190.76	32.28
189.21	3.38	189.73	5.43	190.25	8.42	190.77	33.46
189.22	3.45	189.74	5.46	190.26	8.55	190.78	34.67
189.23	3.51	189.75	5.49	190.27	8.67	190.79	35.90
189.24	3.57	189.76	5.52	190.28	8.79	190.80	37.15
189.25	3.62	189.77	5.55	190.29	8.92	190.81	38.43
189.26	3.67	189.78	5.58	190.30	9.04	190.82	39.74
189.27	3.72	189.79	5.61	190.31	9.17	190.83	41.07
189.28	3.77	189.80	5.64	190.32	9.30	190.84	42.43
189.29	3.82	189.81	5.67	190.33	9.43	190.85	43.81
189.30	3.87	189.82	5.70	190.34	9.57	190.86	45.22
189.31	3.92	189.83	5.73	190.35	9.70	190.87	46.65
189.32	3.96	189.84	5.76	190.36	9.84	190.88	48.10
189.33	4.01	189.85	5.78	190.37	9.98	190.89	49.59
189.34	4.05	189.86	5.81	190.38	10.12	190.90	51.09
189.35	4.09	189.87	5.84	190.39	10.26	190.91	52.65
189.36	4.14	189.88	5.87	190.40	10.40	190.92	54.23
189.37	4.18	189.89	5.89	190.41	10.54	190.93	55.85
189.38	4.22	189.90	5.92	190.42	10.69	190.94	57.48
189.39	4.26	189.91	5.95	190.43	10.83	190.95	59.15
189.40	4.30	189.92	5.98	190.44	10.98	190.96	60.84
189.41	4.34	189.93	6.00	190.45	11.13	190.97	62.56
189.42	4.38	189.94	6.03	190.46	11.28	190.98	64.31
189.43	4.42	189.95	6.06	190.47	11.43	190.99	66.08
189.44	4.46	189.96	6.08	190.48	11.58	191.00	67.88
189.45	4.50	189.97	6.11	190.49	11.73		
189.46	4.53	189.98	6.14	190.50	11.88		
189.47	4.57	189.99	6.16	190.51	12.16		
189.48	4.61	190.00	6.19	190.52	12.53		
189.49	4.64	190.01	6.23	190.53	12.96		
189.50	4.68	190.02	6.28	190.54	13.45		
189.51	4.72	190.03	6.34	190.55	13.98		
189.52	4.75	190.04	6.40	190.56	14.56		
189.53	4.79	190.05	6.47	190.57	15.17		
189.54	4.82	190.06	6.54	190.58	15.81		
189.55	4.86	190.07	6.61	190.59	16.49		
189.56	4.89	190.08	6.69	190.60	17.20		
189.57	4.92	190.09	6.77	190.61	17.94		
189.58	4.96	190.10	6.86	190.62	18.71		
189.59	4.99	190.11	6.95	190.63	19.51		

Stage-Area-Storage for Pond B-33: Basin #33

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.00	5,432	0	187.52	5,432	2,825
187.01	5,432	54	187.53	5,432	2,879
187.02	5,432	109	187.54	5,432	2,933
187.03	5,432	163	187.55	5,432	2,988
187.04	5,432	217	187.56	5,432	3,042
187.05	5,432	272	187.57	5,432	3,096
187.06	5,432	326	187.58	5,432	3,151
187.07	5,432	380	187.59	5,432	3,205
187.08	5,432	435	187.60	5,432	3,259
187.09	5,432	489	187.61	5,432	3,314
187.10	5,432	543	187.62	5,432	3,368
187.11	5,432	598	187.63	5,432	3,422
187.12	5,432	652	187.64	5,432	3,476
187.13	5,432	706	187.65	5,432	3,531
187.14	5,432	760	187.66	5,432	3,585
187.15	5,432	815	187.67	5,432	3,639
187.16	5,432	869	187.68	5,432	3,694
187.17	5,432	923	187.69	5,432	3,748
187.18	5,432	978	187.70	5,432	3,802
187.19	5,432	1,032	187.71	5,432	3,857
187.20	5,432	1,086	187.72	5,432	3,911
187.21	5,432	1,141	187.73	5,432	3,965
187.22	5,432	1,195	187.74	5,432	4,020
187.23	5,432	1,249	187.75	5,432	4,074
187.24	5,432	1,304	187.76	5,432	4,128
187.25	5,432	1,358	187.77	5,432	4,183
187.26	5,432	1,412	187.78	5,432	4,237
187.27	5,432	1,467	187.79	5,432	4,291
187.28	5,432	1,521	187.80	5,432	4,346
187.29	5,432	1,575	187.81	5,432	4,400
187.30	5,432	1,630	187.82	5,432	4,454
187.31	5,432	1,684	187.83	5,432	4,509
187.32	5,432	1,738	187.84	5,432	4,563
187.33	5,432	1,793	187.85	5,432	4,617
187.34	5,432	1,847	187.86	5,432	4,672
187.35	5,432	1,901	187.87	5,432	4,726
187.36	5,432	1,956	187.88	5,432	4,780
187.37	5,432	2,010	187.89	5,432	4,834
187.38	5,432	2,064	187.90	5,432	4,889
187.39	5,432	2,118	187.91	5,432	4,943
187.40	5,432	2,173	187.92	5,432	4,997
187.41	5,432	2,227	187.93	5,432	5,052
187.42	5,432	2,281	187.94	5,432	5,106
187.43	5,432	2,336	187.95	5,432	5,160
187.44	5,432	2,390	187.96	5,432	5,215
187.45	5,432	2,444	187.97	5,432	5,269
187.46	5,432	2,499	187.98	5,432	5,323
187.47	5,432	2,553	187.99	5,432	5,378
187.48	5,432	2,607	188.00	5,432	5,432
187.49	5,432	2,662	188.01	5,432	5,486
187.50	5,432	2,716	188.02	5,432	5,541
187.51	5,432	2,770	188.03	5,432	5,595

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.04	5,432	5,649	188.56	5,432	8,474
188.05	5,432	5,704	188.57	5,432	8,528
188.06	5,432	5,758	188.58	5,432	8,583
188.07	5,432	5,812	188.59	5,432	8,637
188.08	5,432	5,867	188.60	5,432	8,691
188.09	5,432	5,921	188.61	5,432	8,746
188.10	5,432	5,975	188.62	5,432	8,800
188.11	5,432	6,030	188.63	5,432	8,854
188.12	5,432	6,084	188.64	5,432	8,908
188.13	5,432	6,138	188.65	5,432	8,963
188.14	5,432	6,192	188.66	5,432	9,017
188.15	5,432	6,247	188.67	5,432	9,071
188.16	5,432	6,301	188.68	5,432	9,126
188.17	5,432	6,355	188.69	5,432	9,180
188.18	5,432	6,410	188.70	5,432	9,234
188.19	5,432	6,464	188.71	5,432	9,289
188.20	5,432	6,518	188.72	5,432	9,343
188.21	5,432	6,573	188.73	5,432	9,397
188.22	5,432	6,627	188.74	5,432	9,452
188.23	5,432	6,681	188.75	5,432	9,506
188.24	5,432	6,736	188.76	5,432	9,560
188.25	5,432	6,790	188.77	5,432	9,615
188.26	5,432	6,844	188.78	5,432	9,669
188.27	5,432	6,899	188.79	5,432	9,723
188.28	5,432	6,953	188.80	5,432	9,778
188.29	5,432	7,007	188.81	5,432	9,832
188.30	5,432	7,062	188.82	5,432	9,886
188.31	5,432	7,116	188.83	5,432	9,941
188.32	5,432	7,170	188.84	5,432	9,995
188.33	5,432	7,225	188.85	5,432	10,049
188.34	5,432	7,279	188.86	5,432	10,104
188.35	5,432	7,333	188.87	5,432	10,158
188.36	5,432	7,388	188.88	5,432	10,212
188.37	5,432	7,442	188.89	5,432	10,266
188.38	5,432	7,496	188.90	5,432	10,321
188.39	5,432	7,550	188.91	5,432	10,375
188.40	5,432	7,605	188.92	5,432	10,429
188.41	5,432	7,659	188.93	5,432	10,484
188.42	5,432	7,713	188.94	5,432	10,538
188.43	5,432	7,768	188.95	5,432	10,592
188.44	5,432	7,822	188.96	5,432	10,647
188.45	5,432	7,876	188.97	5,432	10,701
188.46	5,432	7,931	188.98	5,432	10,755
188.47	5,432	7,985	188.99	5,432	10,810
188.48	5,432	8,039	189.00	5,432	10,864
188.49	5,432	8,094	189.01	5,432	10,918
188.50	5,432	8,148	189.02	5,432	10,973
188.51	5,432	8,202	189.03	5,432	11,027
188.52	5,432	8,257	189.04	5,432	11,081
188.53	5,432	8,311	189.05	5,432	11,136
188.54	5,432	8,365	189.06	5,432	11,190
188.55	5,432	8,420	189.07	5,432	11,244

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.08	5,432	11,299	189.60	5,432	14,123
189.09	5,432	11,353	189.61	5,432	14,178
189.10	5,432	11,407	189.62	5,432	14,232
189.11	5,432	11,462	189.63	5,432	14,286
189.12	5,432	11,516	189.64	5,432	14,340
189.13	5,432	11,570	189.65	5,432	14,395
189.14	5,432	11,624	189.66	5,432	14,449
189.15	5,432	11,679	189.67	5,432	14,503
189.16	5,432	11,733	189.68	5,432	14,558
189.17	5,432	11,787	189.69	5,432	14,612
189.18	5,432	11,842	189.70	5,432	14,666
189.19	5,432	11,896	189.71	5,432	14,721
189.20	5,432	11,950	189.72	5,432	14,775
189.21	5,432	12,005	189.73	5,432	14,829
189.22	5,432	12,059	189.74	5,432	14,884
189.23	5,432	12,113	189.75	5,432	14,938
189.24	5,432	12,168	189.76	5,432	14,992
189.25	5,432	12,222	189.77	5,432	15,047
189.26	5,432	12,276	189.78	5,432	15,101
189.27	5,432	12,331	189.79	5,432	15,155
189.28	5,432	12,385	189.80	5,432	15,210
189.29	5,432	12,439	189.81	5,432	15,264
189.30	5,432	12,494	189.82	5,432	15,318
189.31	5,432	12,548	189.83	5,432	15,373
189.32	5,432	12,602	189.84	5,432	15,427
189.33	5,432	12,657	189.85	5,432	15,481
189.34	5,432	12,711	189.86	5,432	15,536
189.35	5,432	12,765	189.87	5,432	15,590
189.36	5,432	12,820	189.88	5,432	15,644
189.37	5,432	12,874	189.89	5,432	15,698
189.38	5,432	12,928	189.90	5,432	15,753
189.39	5,432	12,982	189.91	5,432	15,807
189.40	5,432	13,037	189.92	5,432	15,861
189.41	5,432	13,091	189.93	5,432	15,916
189.42	5,432	13,145	189.94	5,432	15,970
189.43	5,432	13,200	189.95	5,432	16,024
189.44	5,432	13,254	189.96	5,432	16,079
189.45	5,432	13,308	189.97	5,432	16,133
189.46	5,432	13,363	189.98	5,432	16,187
189.47	5,432	13,417	189.99	5,432	16,242
189.48	5,432	13,471	190.00	5,432	16,296
189.49	5,432	13,526	190.01	5,432	16,350
189.50	5,432	13,580	190.02	5,432	16,405
189.51	5,432	13,634	190.03	5,432	16,459
189.52	5,432	13,689	190.04	5,432	16,513
189.53	5,432	13,743	190.05	5,432	16,568
189.54	5,432	13,797	190.06	5,432	16,622
189.55	5,432	13,852	190.07	5,432	16,676
189.56	5,432	13,906	190.08	5,432	16,731
189.57	5,432	13,960	190.09	5,432	16,785
189.58	5,432	14,015	190.10	5,432	16,839
189.59	5,432	14,069	190.11	5,432	16,894

Stage-Area-Storage for Pond B-33: Basin #33 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.12	5,432	16,948	190.64	5,432	19,772
190.13	5,432	17,002	190.65	5,432	19,827
190.14	5,432	17,056	190.66	5,432	19,881
190.15	5,432	17,111	190.67	5,432	19,935
190.16	5,432	17,165	190.68	5,432	19,990
190.17	5,432	17,219	190.69	5,432	20,044
190.18	5,432	17,274	190.70	5,432	20,098
190.19	5,432	17,328	190.71	5,432	20,153
190.20	5,432	17,382	190.72	5,432	20,207
190.21	5,432	17,437	190.73	5,432	20,261
190.22	5,432	17,491	190.74	5,432	20,316
190.23	5,432	17,545	190.75	5,432	20,370
190.24	5,432	17,600	190.76	5,432	20,424
190.25	5,432	17,654	190.77	5,432	20,479
190.26	5,432	17,708	190.78	5,432	20,533
190.27	5,432	17,763	190.79	5,432	20,587
190.28	5,432	17,817	190.80	5,432	20,642
190.29	5,432	17,871	190.81	5,432	20,696
190.30	5,432	17,926	190.82	5,432	20,750
190.31	5,432	17,980	190.83	5,432	20,805
190.32	5,432	18,034	190.84	5,432	20,859
190.33	5,432	18,089	190.85	5,432	20,913
190.34	5,432	18,143	190.86	5,432	20,968
190.35	5,432	18,197	190.87	5,432	21,022
190.36	5,432	18,252	190.88	5,432	21,076
190.37	5,432	18,306	190.89	5,432	21,130
190.38	5,432	18,360	190.90	5,432	21,185
190.39	5,432	18,414	190.91	5,432	21,239
190.40	5,432	18,469	190.92	5,432	21,293
190.41	5,432	18,523	190.93	5,432	21,348
190.42	5,432	18,577	190.94	5,432	21,402
190.43	5,432	18,632	190.95	5,432	21,456
190.44	5,432	18,686	190.96	5,432	21,511
190.45	5,432	18,740	190.97	5,432	21,565
190.46	5,432	18,795	190.98	5,432	21,619
190.47	5,432	18,849	190.99	5,432	21,674
190.48	5,432	18,903	191.00	5,432	21,728
190.49	5,432	18,958			
190.50	5,432	19,012			
190.51	5,432	19,066			
190.52	5,432	19,121			
190.53	5,432	19,175			
190.54	5,432	19,229			
190.55	5,432	19,284			
190.56	5,432	19,338			
190.57	5,432	19,392			
190.58	5,432	19,447			
190.59	5,432	19,501			
190.60	5,432	19,555			
190.61	5,432	19,610			
190.62	5,432	19,664			
190.63	5,432	19,718			

Summary for Pond B-34: Basin #34

Inflow Area = 1.779 ac, 23.66% Impervious, Inflow Depth = 8.44" for Future 100 yr event
 Inflow = 17.81 cfs @ 12.10 hrs, Volume= 1.252 af
 Outflow = 2.74 cfs @ 12.59 hrs, Volume= 0.915 af, Atten= 85%, Lag= 29.8 min
 Primary = 2.74 cfs @ 12.59 hrs, Volume= 0.915 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.48' @ 12.59 hrs Surf.Area= 9,057 sf Storage= 31,526 cf

Plug-Flow detention time= 562.0 min calculated for 0.914 af (73% of inflow)
 Center-of-Mass det. time= 470.4 min (1,254.2 - 783.8)

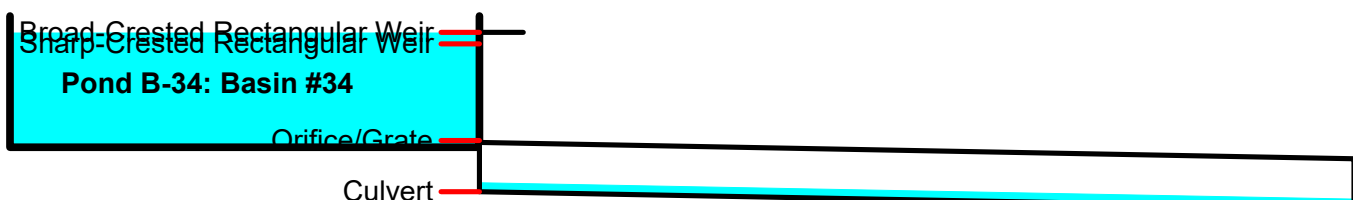
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	36,228 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	9,057	0	0
192.00	9,057	9,057	9,057
193.00	9,057	9,057	18,114
194.00	9,057	9,057	27,171
195.00	9,057	9,057	36,228

Device	Routing	Invert	Outlet Devices
#1	Primary	189.65'	18.0" Round Culvert L= 100.0' Ke= 0.500 Inlet / Outlet Invert= 189.65' / 189.15' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.21'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.15'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

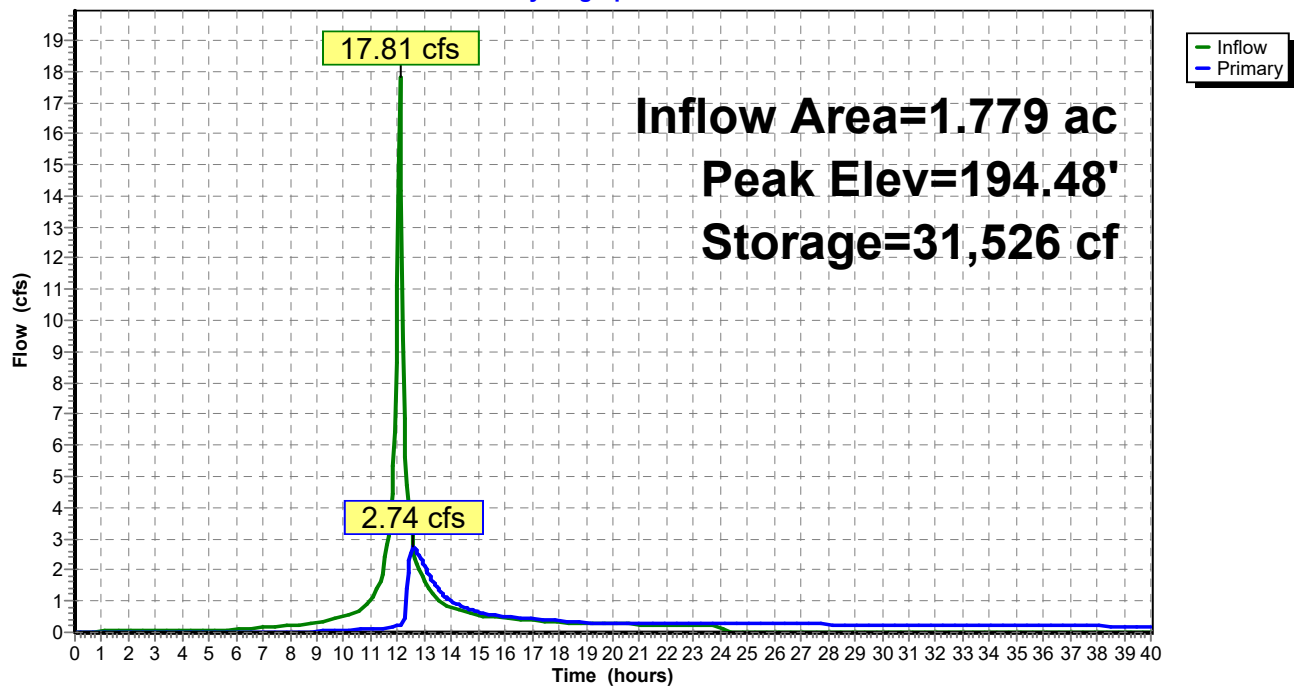
Primary OutFlow Max=2.74 cfs @ 12.59 hrs HW=194.48' (Free Discharge)

- 1=Culvert (Passes 2.74 cfs of 15.21 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.29 cfs @ 8.57 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 2.44 cfs @ 1.88 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-34: Basin #34

Hydrograph



Hydrograph for Pond B-34: Basin #34

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.01	2	191.00	0.00
0.60	0.01	6	191.00	0.00
0.70	0.02	11	191.00	0.00
0.80	0.02	17	191.00	0.00
0.90	0.02	25	191.00	0.00
1.00	0.02	33	191.00	0.00
1.10	0.03	42	191.00	0.00
1.20	0.03	53	191.01	0.00
1.30	0.03	64	191.01	0.00
1.40	0.03	76	191.01	0.00
1.50	0.04	88	191.01	0.00
1.60	0.04	101	191.01	0.00
1.70	0.04	115	191.01	0.00
1.80	0.04	129	191.01	0.00
1.90	0.04	144	191.02	0.00
2.00	0.04	159	191.02	0.00
2.10	0.04	175	191.02	0.00
2.20	0.05	191	191.02	0.00
2.30	0.05	207	191.02	0.00
2.40	0.05	224	191.02	0.00
2.50	0.05	242	191.03	0.00
2.60	0.05	259	191.03	0.00
2.70	0.05	277	191.03	0.00
2.80	0.05	296	191.03	0.00
2.90	0.05	314	191.03	0.00
3.00	0.05	333	191.04	0.00
3.10	0.05	352	191.04	0.00
3.20	0.05	372	191.04	0.00
3.30	0.06	392	191.04	0.00
3.40	0.06	412	191.05	0.00
3.50	0.06	433	191.05	0.00
3.60	0.06	453	191.05	0.00
3.70	0.06	474	191.05	0.00
3.80	0.06	495	191.05	0.00
3.90	0.06	517	191.06	0.00
4.00	0.06	539	191.06	0.00
4.10	0.06	560	191.06	0.00
4.20	0.06	583	191.06	0.00
4.30	0.06	605	191.07	0.00
4.40	0.06	628	191.07	0.00
4.50	0.06	651	191.07	0.00
4.60	0.06	674	191.07	0.00
4.70	0.07	697	191.08	0.00
4.80	0.07	721	191.08	0.00
4.90	0.07	745	191.08	0.00
5.00	0.07	769	191.08	0.00
5.10	0.07	793	191.09	0.00

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	818	191.09	0.00
5.30	0.07	844	191.09	0.00
5.40	0.08	871	191.10	0.00
5.50	0.08	899	191.10	0.00
5.60	0.08	928	191.10	0.00
5.70	0.08	958	191.11	0.00
5.80	0.09	989	191.11	0.00
5.90	0.09	1,021	191.11	0.00
6.00	0.09	1,054	191.12	0.00
6.10	0.10	1,088	191.12	0.00
6.20	0.10	1,125	191.12	0.00
6.30	0.11	1,162	191.13	0.00
6.40	0.11	1,202	191.13	0.00
6.50	0.12	1,244	191.14	0.00
6.60	0.12	1,287	191.14	0.00
6.70	0.13	1,332	191.15	0.00
6.80	0.13	1,379	191.15	0.00
6.90	0.14	1,429	191.16	0.00
7.00	0.15	1,480	191.16	0.00
7.10	0.15	1,533	191.17	0.00
7.20	0.16	1,589	191.18	0.00
7.30	0.16	1,646	191.18	0.00
7.40	0.17	1,706	191.19	0.00
7.50	0.18	1,768	191.20	0.00
7.60	0.18	1,833	191.20	0.00
7.70	0.19	1,899	191.21	0.00
7.80	0.19	1,968	191.22	0.00
7.90	0.20	2,040	191.23	0.00
8.00	0.21	2,113	191.23	0.00
8.10	0.22	2,189	191.24	0.00
8.20	0.22	2,267	191.25	0.00
8.30	0.23	2,347	191.26	0.01
8.40	0.24	2,429	191.27	0.01
8.50	0.24	2,513	191.28	0.01
8.60	0.25	2,599	191.29	0.01
8.70	0.26	2,687	191.30	0.01
8.80	0.27	2,776	191.31	0.02
8.90	0.27	2,867	191.32	0.02
9.00	0.28	2,960	191.33	0.02
9.10	0.30	3,057	191.34	0.03
9.20	0.32	3,159	191.35	0.03
9.30	0.34	3,267	191.36	0.03
9.40	0.36	3,380	191.37	0.04
9.50	0.38	3,500	191.39	0.04
9.60	0.41	3,626	191.40	0.05
9.70	0.43	3,758	191.41	0.05
9.80	0.45	3,897	191.43	0.06
9.90	0.48	4,043	191.45	0.06
10.00	0.50	4,196	191.46	0.06
10.10	0.52	4,357	191.48	0.07
10.20	0.55	4,525	191.50	0.07
10.30	0.57	4,701	191.52	0.07

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.60	4,886	191.54	0.08
10.50	0.63	5,078	191.56	0.08
10.60	0.70	5,289	191.58	0.09
10.70	0.79	5,526	191.61	0.09
10.80	0.87	5,793	191.64	0.09
10.90	0.96	6,089	191.67	0.10
11.00	1.06	6,416	191.71	0.10
11.10	1.21	6,786	191.75	0.11
11.20	1.38	7,213	191.80	0.11
11.30	1.55	7,698	191.85	0.12
11.40	1.73	8,246	191.91	0.13
11.50	1.95	8,856	191.98	0.13
11.60	2.83	9,670	192.07	0.14
11.70	3.27	10,717	192.18	0.15
11.80	4.43	12,041	192.33	0.17
11.90	6.43	13,921	192.54	0.18
12.00	11.13	16,989	192.88	0.21
12.10	17.80	22,227	193.45	0.24
12.20	9.38	27,127	194.00	0.27
12.30	5.63	29,570	194.26	0.79
12.40	4.10	30,798	194.40	1.91
12.50	3.63	31,370	194.46	2.56
12.60	2.60	31,526	194.48	2.74
12.70	2.25	31,421	194.47	2.62
12.80	2.06	31,284	194.45	2.45
12.90	1.87	31,137	194.44	2.28
13.00	1.67	30,983	194.42	2.11
13.10	1.48	30,822	194.40	1.93
13.20	1.36	30,666	194.39	1.77
13.30	1.26	30,526	194.37	1.63
13.40	1.15	30,397	194.36	1.50
13.50	1.05	30,274	194.34	1.39
13.60	0.95	30,155	194.33	1.27
13.70	0.91	30,048	194.32	1.18
13.80	0.88	29,960	194.31	1.10
13.90	0.85	29,886	194.30	1.04
14.00	0.83	29,823	194.29	0.99
14.10	0.80	29,768	194.29	0.94
14.20	0.77	29,719	194.28	0.90
14.30	0.74	29,673	194.28	0.87
14.40	0.72	29,629	194.27	0.84
14.50	0.69	29,587	194.27	0.81
14.60	0.66	29,545	194.26	0.78
14.70	0.63	29,504	194.26	0.75
14.80	0.61	29,464	194.25	0.72
14.90	0.58	29,424	194.25	0.69
15.00	0.55	29,385	194.24	0.66
15.10	0.53	29,345	194.24	0.63
15.20	0.51	29,308	194.24	0.61
15.30	0.51	29,275	194.23	0.59
15.40	0.50	29,246	194.23	0.58
15.50	0.49	29,220	194.23	0.56

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.49	29,197	194.22	0.55
15.70	0.48	29,175	194.22	0.54
15.80	0.47	29,155	194.22	0.52
15.90	0.46	29,136	194.22	0.51
16.00	0.46	29,119	194.22	0.50
16.10	0.45	29,103	194.21	0.49
16.20	0.44	29,087	194.21	0.48
16.30	0.43	29,072	194.21	0.48
16.40	0.43	29,057	194.21	0.47
16.50	0.42	29,042	194.21	0.46
16.60	0.41	29,028	194.21	0.45
16.70	0.41	29,014	194.20	0.44
16.80	0.40	29,001	194.20	0.44
16.90	0.39	28,987	194.20	0.43
17.00	0.38	28,974	194.20	0.42
17.10	0.38	28,960	194.20	0.42
17.20	0.37	28,945	194.20	0.41
17.30	0.36	28,929	194.19	0.40
17.40	0.35	28,913	194.19	0.40
17.50	0.35	28,896	194.19	0.39
17.60	0.34	28,879	194.19	0.39
17.70	0.33	28,862	194.19	0.38
17.80	0.32	28,845	194.18	0.37
17.90	0.32	28,827	194.18	0.37
18.00	0.31	28,809	194.18	0.36
18.10	0.30	28,790	194.18	0.35
18.20	0.30	28,773	194.18	0.35
18.30	0.30	28,756	194.18	0.34
18.40	0.30	28,742	194.17	0.34
18.50	0.29	28,728	194.17	0.33
18.60	0.29	28,715	194.17	0.33
18.70	0.29	28,704	194.17	0.32
18.80	0.29	28,693	194.17	0.32
18.90	0.29	28,683	194.17	0.31
19.00	0.28	28,674	194.17	0.31
19.10	0.28	28,665	194.16	0.31
19.20	0.28	28,657	194.16	0.30
19.30	0.28	28,649	194.16	0.30
19.40	0.28	28,641	194.16	0.30
19.50	0.28	28,634	194.16	0.30
19.60	0.27	28,627	194.16	0.29
19.70	0.27	28,621	194.16	0.29
19.80	0.27	28,614	194.16	0.29
19.90	0.27	28,608	194.16	0.29
20.00	0.27	28,600	194.16	0.29
20.10	0.26	28,593	194.16	0.29
20.20	0.26	28,585	194.16	0.28
20.30	0.26	28,577	194.16	0.28
20.40	0.26	28,569	194.15	0.28
20.50	0.26	28,560	194.15	0.28
20.60	0.26	28,552	194.15	0.28
20.70	0.25	28,543	194.15	0.28

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	28,534	194.15	0.28
20.90	0.25	28,525	194.15	0.28
21.00	0.25	28,515	194.15	0.28
21.10	0.25	28,505	194.15	0.28
21.20	0.24	28,494	194.15	0.28
21.30	0.24	28,482	194.14	0.28
21.40	0.24	28,470	194.14	0.28
21.50	0.24	28,457	194.14	0.28
21.60	0.24	28,443	194.14	0.28
21.70	0.24	28,429	194.14	0.28
21.80	0.23	28,414	194.14	0.28
21.90	0.23	28,399	194.14	0.28
22.00	0.23	28,383	194.13	0.28
22.10	0.23	28,366	194.13	0.28
22.20	0.23	28,348	194.13	0.28
22.30	0.22	28,331	194.13	0.28
22.40	0.22	28,312	194.13	0.28
22.50	0.22	28,292	194.12	0.28
22.60	0.22	28,273	194.12	0.28
22.70	0.22	28,252	194.12	0.27
22.80	0.21	28,231	194.12	0.27
22.90	0.21	28,209	194.11	0.27
23.00	0.21	28,187	194.11	0.27
23.10	0.21	28,164	194.11	0.27
23.20	0.21	28,140	194.11	0.27
23.30	0.21	28,116	194.10	0.27
23.40	0.20	28,091	194.10	0.27
23.50	0.20	28,065	194.10	0.27
23.60	0.20	28,039	194.10	0.27
23.70	0.20	28,012	194.09	0.27
23.80	0.20	27,985	194.09	0.27
23.90	0.20	27,957	194.09	0.27
24.00	0.22	27,935	194.08	0.27
24.10	0.04	27,885	194.08	0.27
24.20	0.00	27,793	194.07	0.27
24.30	0.00	27,695	194.06	0.27
24.40	0.00	27,597	194.05	0.27
24.50	0.00	27,500	194.04	0.27
24.60	0.00	27,402	194.03	0.27
24.70	0.00	27,305	194.01	0.27
24.80	0.00	27,208	194.00	0.27
24.90	0.00	27,111	193.99	0.27
25.00	0.00	27,015	193.98	0.27
25.10	0.00	26,918	193.97	0.27
25.20	0.00	26,822	193.96	0.27
25.30	0.00	26,726	193.95	0.27
25.40	0.00	26,630	193.94	0.27
25.50	0.00	26,534	193.93	0.27
25.60	0.00	26,439	193.92	0.26
25.70	0.00	26,344	193.91	0.26
25.80	0.00	26,249	193.90	0.26
25.90	0.00	26,154	193.89	0.26

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	26,059	193.88	0.26
26.10	0.00	25,965	193.87	0.26
26.20	0.00	25,870	193.86	0.26
26.30	0.00	25,776	193.85	0.26
26.40	0.00	25,682	193.84	0.26
26.50	0.00	25,588	193.83	0.26
26.60	0.00	25,495	193.81	0.26
26.70	0.00	25,402	193.80	0.26
26.80	0.00	25,308	193.79	0.26
26.90	0.00	25,215	193.78	0.26
27.00	0.00	25,123	193.77	0.26
27.10	0.00	25,030	193.76	0.26
27.20	0.00	24,938	193.75	0.26
27.30	0.00	24,846	193.74	0.26
27.40	0.00	24,754	193.73	0.26
27.50	0.00	24,662	193.72	0.25
27.60	0.00	24,570	193.71	0.25
27.70	0.00	24,479	193.70	0.25
27.80	0.00	24,388	193.69	0.25
27.90	0.00	24,296	193.68	0.25
28.00	0.00	24,206	193.67	0.25
28.10	0.00	24,115	193.66	0.25
28.20	0.00	24,025	193.65	0.25
28.30	0.00	23,934	193.64	0.25
28.40	0.00	23,844	193.63	0.25
28.50	0.00	23,754	193.62	0.25
28.60	0.00	23,665	193.61	0.25
28.70	0.00	23,575	193.60	0.25
28.80	0.00	23,486	193.59	0.25
28.90	0.00	23,397	193.58	0.25
29.00	0.00	23,308	193.57	0.25
29.10	0.00	23,219	193.56	0.25
29.20	0.00	23,131	193.55	0.25
29.30	0.00	23,042	193.54	0.25
29.40	0.00	22,954	193.53	0.24
29.50	0.00	22,866	193.52	0.24
29.60	0.00	22,778	193.52	0.24
29.70	0.00	22,691	193.51	0.24
29.80	0.00	22,603	193.50	0.24
29.90	0.00	22,516	193.49	0.24
30.00	0.00	22,429	193.48	0.24
30.10	0.00	22,343	193.47	0.24
30.20	0.00	22,256	193.46	0.24
30.30	0.00	22,170	193.45	0.24
30.40	0.00	22,083	193.44	0.24
30.50	0.00	21,997	193.43	0.24
30.60	0.00	21,911	193.42	0.24
30.70	0.00	21,826	193.41	0.24
30.80	0.00	21,740	193.40	0.24
30.90	0.00	21,655	193.39	0.24
31.00	0.00	21,570	193.38	0.24
31.10	0.00	21,485	193.37	0.24

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	21,401	193.36	0.23
31.30	0.00	21,316	193.35	0.23
31.40	0.00	21,232	193.34	0.23
31.50	0.00	21,148	193.33	0.23
31.60	0.00	21,064	193.33	0.23
31.70	0.00	20,980	193.32	0.23
31.80	0.00	20,897	193.31	0.23
31.90	0.00	20,813	193.30	0.23
32.00	0.00	20,730	193.29	0.23
32.10	0.00	20,647	193.28	0.23
32.20	0.00	20,564	193.27	0.23
32.30	0.00	20,482	193.26	0.23
32.40	0.00	20,400	193.25	0.23
32.50	0.00	20,317	193.24	0.23
32.60	0.00	20,235	193.23	0.23
32.70	0.00	20,154	193.23	0.23
32.80	0.00	20,072	193.22	0.23
32.90	0.00	19,991	193.21	0.23
33.00	0.00	19,909	193.20	0.23
33.10	0.00	19,828	193.19	0.22
33.20	0.00	19,748	193.18	0.22
33.30	0.00	19,667	193.17	0.22
33.40	0.00	19,587	193.16	0.22
33.50	0.00	19,506	193.15	0.22
33.60	0.00	19,426	193.14	0.22
33.70	0.00	19,346	193.14	0.22
33.80	0.00	19,267	193.13	0.22
33.90	0.00	19,187	193.12	0.22
34.00	0.00	19,108	193.11	0.22
34.10	0.00	19,029	193.10	0.22
34.20	0.00	18,950	193.09	0.22
34.30	0.00	18,871	193.08	0.22
34.40	0.00	18,793	193.07	0.22
34.50	0.00	18,715	193.07	0.22
34.60	0.00	18,636	193.06	0.22
34.70	0.00	18,559	193.05	0.22
34.80	0.00	18,481	193.04	0.22
34.90	0.00	18,403	193.03	0.22
35.00	0.00	18,326	193.02	0.21
35.10	0.00	18,249	193.01	0.21
35.20	0.00	18,172	193.01	0.21
35.30	0.00	18,095	193.00	0.21
35.40	0.00	18,018	192.99	0.21
35.50	0.00	17,942	192.98	0.21
35.60	0.00	17,866	192.97	0.21
35.70	0.00	17,790	192.96	0.21
35.80	0.00	17,714	192.96	0.21
35.90	0.00	17,638	192.95	0.21
36.00	0.00	17,563	192.94	0.21
36.10	0.00	17,488	192.93	0.21
36.20	0.00	17,413	192.92	0.21
36.30	0.00	17,338	192.91	0.21

Hydrograph for Pond B-34: Basin #34 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	17,263	192.91	0.21
36.50	0.00	17,189	192.90	0.21
36.60	0.00	17,115	192.89	0.21
36.70	0.00	17,040	192.88	0.21
36.80	0.00	16,967	192.87	0.20
36.90	0.00	16,893	192.87	0.20
37.00	0.00	16,819	192.86	0.20
37.10	0.00	16,746	192.85	0.20
37.20	0.00	16,673	192.84	0.20
37.30	0.00	16,600	192.83	0.20
37.40	0.00	16,527	192.82	0.20
37.50	0.00	16,455	192.82	0.20
37.60	0.00	16,383	192.81	0.20
37.70	0.00	16,310	192.80	0.20
37.80	0.00	16,238	192.79	0.20
37.90	0.00	16,167	192.78	0.20
38.00	0.00	16,095	192.78	0.20
38.10	0.00	16,024	192.77	0.20
38.20	0.00	15,953	192.76	0.20
38.30	0.00	15,882	192.75	0.20
38.40	0.00	15,811	192.75	0.20
38.50	0.00	15,740	192.74	0.20
38.60	0.00	15,670	192.73	0.20
38.70	0.00	15,600	192.72	0.19
38.80	0.00	15,530	192.71	0.19
38.90	0.00	15,460	192.71	0.19
39.00	0.00	15,390	192.70	0.19
39.10	0.00	15,321	192.69	0.19
39.20	0.00	15,251	192.68	0.19
39.30	0.00	15,182	192.68	0.19
39.40	0.00	15,113	192.67	0.19
39.50	0.00	15,045	192.66	0.19
39.60	0.00	14,976	192.65	0.19
39.70	0.00	14,908	192.65	0.19
39.80	0.00	14,840	192.64	0.19
39.90	0.00	14,772	192.63	0.19
40.00	0.00	14,704	192.62	0.19

Stage-Discharge for Pond B-34: Basin #34

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.07	192.04	0.14	192.56	0.18
191.01	0.00	191.53	0.08	192.05	0.14	192.57	0.18
191.02	0.00	191.54	0.08	192.06	0.14	192.58	0.18
191.03	0.00	191.55	0.08	192.07	0.14	192.59	0.19
191.04	0.00	191.56	0.08	192.08	0.14	192.60	0.19
191.05	0.00	191.57	0.08	192.09	0.14	192.61	0.19
191.06	0.00	191.58	0.08	192.10	0.15	192.62	0.19
191.07	0.00	191.59	0.09	192.11	0.15	192.63	0.19
191.08	0.00	191.60	0.09	192.12	0.15	192.64	0.19
191.09	0.00	191.61	0.09	192.13	0.15	192.65	0.19
191.10	0.00	191.62	0.09	192.14	0.15	192.66	0.19
191.11	0.00	191.63	0.09	192.15	0.15	192.67	0.19
191.12	0.00	191.64	0.09	192.16	0.15	192.68	0.19
191.13	0.00	191.65	0.10	192.17	0.15	192.69	0.19
191.14	0.00	191.66	0.10	192.18	0.15	192.70	0.19
191.15	0.00	191.67	0.10	192.19	0.15	192.71	0.19
191.16	0.00	191.68	0.10	192.20	0.15	192.72	0.19
191.17	0.00	191.69	0.10	192.21	0.16	192.73	0.20
191.18	0.00	191.70	0.10	192.22	0.16	192.74	0.20
191.19	0.00	191.71	0.10	192.23	0.16	192.75	0.20
191.20	0.00	191.72	0.10	192.24	0.16	192.76	0.20
191.21	0.00	191.73	0.11	192.25	0.16	192.77	0.20
191.22	0.00	191.74	0.11	192.26	0.16	192.78	0.20
191.23	0.00	191.75	0.11	192.27	0.16	192.79	0.20
191.24	0.00	191.76	0.11	192.28	0.16	192.80	0.20
191.25	0.00	191.77	0.11	192.29	0.16	192.81	0.20
191.26	0.00	191.78	0.11	192.30	0.16	192.82	0.20
191.27	0.01	191.79	0.11	192.31	0.16	192.83	0.20
191.28	0.01	191.80	0.11	192.32	0.16	192.84	0.20
191.29	0.01	191.81	0.12	192.33	0.17	192.85	0.20
191.30	0.01	191.82	0.12	192.34	0.17	192.86	0.20
191.31	0.02	191.83	0.12	192.35	0.17	192.87	0.20
191.32	0.02	191.84	0.12	192.36	0.17	192.88	0.21
191.33	0.02	191.85	0.12	192.37	0.17	192.89	0.21
191.34	0.03	191.86	0.12	192.38	0.17	192.90	0.21
191.35	0.03	191.87	0.12	192.39	0.17	192.91	0.21
191.36	0.03	191.88	0.12	192.40	0.17	192.92	0.21
191.37	0.04	191.89	0.12	192.41	0.17	192.93	0.21
191.38	0.04	191.90	0.13	192.42	0.17	192.94	0.21
191.39	0.05	191.91	0.13	192.43	0.17	192.95	0.21
191.40	0.05	191.92	0.13	192.44	0.17	192.96	0.21
191.41	0.05	191.93	0.13	192.45	0.17	192.97	0.21
191.42	0.05	191.94	0.13	192.46	0.18	192.98	0.21
191.43	0.06	191.95	0.13	192.47	0.18	192.99	0.21
191.44	0.06	191.96	0.13	192.48	0.18	193.00	0.21
191.45	0.06	191.97	0.13	192.49	0.18	193.01	0.21
191.46	0.06	191.98	0.13	192.50	0.18	193.02	0.21
191.47	0.06	191.99	0.13	192.51	0.18	193.03	0.22
191.48	0.07	192.00	0.14	192.52	0.18	193.04	0.22
191.49	0.07	192.01	0.14	192.53	0.18	193.05	0.22
191.50	0.07	192.02	0.14	192.54	0.18	193.06	0.22
191.51	0.07	192.03	0.14	192.55	0.18	193.07	0.22

Stage-Discharge for Pond B-34: Basin #34 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.22	193.60	0.25	194.12	0.27	194.64	10.85
193.09	0.22	193.61	0.25	194.13	0.28	194.65	11.65
193.10	0.22	193.62	0.25	194.14	0.28	194.66	12.49
193.11	0.22	193.63	0.25	194.15	0.28	194.67	13.35
193.12	0.22	193.64	0.25	194.16	0.29	194.68	14.23
193.13	0.22	193.65	0.25	194.17	0.31	194.69	15.13
193.14	0.22	193.66	0.25	194.18	0.35	194.70	16.06
193.15	0.22	193.67	0.25	194.19	0.38	194.71	17.04
193.16	0.22	193.68	0.25	194.20	0.42	194.72	18.06
193.17	0.22	193.69	0.25	194.21	0.47	194.73	19.10
193.18	0.22	193.70	0.25	194.22	0.52	194.74	20.16
193.19	0.22	193.71	0.25	194.23	0.58	194.75	21.25
193.20	0.23	193.72	0.25	194.24	0.63	194.76	22.37
193.21	0.23	193.73	0.26	194.25	0.69	194.77	23.52
193.22	0.23	193.74	0.26	194.26	0.76	194.78	24.69
193.23	0.23	193.75	0.26	194.27	0.82	194.79	25.88
193.24	0.23	193.76	0.26	194.28	0.89	194.80	27.11
193.25	0.23	193.77	0.26	194.29	0.96	194.81	28.35
193.26	0.23	193.78	0.26	194.30	1.04	194.82	29.63
193.27	0.23	193.79	0.26	194.31	1.11	194.83	30.93
193.28	0.23	193.80	0.26	194.32	1.19	194.84	32.25
193.29	0.23	193.81	0.26	194.33	1.27	194.85	33.60
193.30	0.23	193.82	0.26	194.34	1.36	194.86	34.97
193.31	0.23	193.83	0.26	194.35	1.44	194.87	36.37
193.32	0.23	193.84	0.26	194.36	1.53	194.88	37.79
193.33	0.23	193.85	0.26	194.37	1.62	194.89	39.24
193.34	0.23	193.86	0.26	194.38	1.71	194.90	40.72
193.35	0.23	193.87	0.26	194.39	1.81	194.91	42.24
193.36	0.23	193.88	0.26	194.40	1.90	194.92	43.80
193.37	0.24	193.89	0.26	194.41	2.00	194.93	45.38
193.38	0.24	193.90	0.26	194.42	2.10	194.94	46.98
193.39	0.24	193.91	0.26	194.43	2.20	194.95	48.62
193.40	0.24	193.92	0.26	194.44	2.30	194.96	50.28
193.41	0.24	193.93	0.27	194.45	2.41	194.97	51.97
193.42	0.24	193.94	0.27	194.46	2.51	194.98	53.68
193.43	0.24	193.95	0.27	194.47	2.62	194.99	55.42
193.44	0.24	193.96	0.27	194.48	2.73	195.00	57.19
193.45	0.24	193.97	0.27	194.49	2.84		
193.46	0.24	193.98	0.27	194.50	2.95		
193.47	0.24	193.99	0.27	194.51	3.18		
193.48	0.24	194.00	0.27	194.52	3.51		
193.49	0.24	194.01	0.27	194.53	3.91		
193.50	0.24	194.02	0.27	194.54	4.36		
193.51	0.24	194.03	0.27	194.55	4.85		
193.52	0.24	194.04	0.27	194.56	5.38		
193.53	0.24	194.05	0.27	194.57	5.96		
193.54	0.24	194.06	0.27	194.58	6.56		
193.55	0.25	194.07	0.27	194.59	7.20		
193.56	0.25	194.08	0.27	194.60	7.87		
193.57	0.25	194.09	0.27	194.61	8.58		
193.58	0.25	194.10	0.27	194.62	9.31		
193.59	0.25	194.11	0.27	194.63	10.06		

Stage-Area-Storage for Pond B-34: Basin #34

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	9,057	0	191.52	9,057	4,710
191.01	9,057	91	191.53	9,057	4,800
191.02	9,057	181	191.54	9,057	4,891
191.03	9,057	272	191.55	9,057	4,981
191.04	9,057	362	191.56	9,057	5,072
191.05	9,057	453	191.57	9,057	5,162
191.06	9,057	543	191.58	9,057	5,253
191.07	9,057	634	191.59	9,057	5,344
191.08	9,057	725	191.60	9,057	5,434
191.09	9,057	815	191.61	9,057	5,525
191.10	9,057	906	191.62	9,057	5,615
191.11	9,057	996	191.63	9,057	5,706
191.12	9,057	1,087	191.64	9,057	5,796
191.13	9,057	1,177	191.65	9,057	5,887
191.14	9,057	1,268	191.66	9,057	5,978
191.15	9,057	1,359	191.67	9,057	6,068
191.16	9,057	1,449	191.68	9,057	6,159
191.17	9,057	1,540	191.69	9,057	6,249
191.18	9,057	1,630	191.70	9,057	6,340
191.19	9,057	1,721	191.71	9,057	6,430
191.20	9,057	1,811	191.72	9,057	6,521
191.21	9,057	1,902	191.73	9,057	6,612
191.22	9,057	1,993	191.74	9,057	6,702
191.23	9,057	2,083	191.75	9,057	6,793
191.24	9,057	2,174	191.76	9,057	6,883
191.25	9,057	2,264	191.77	9,057	6,974
191.26	9,057	2,355	191.78	9,057	7,064
191.27	9,057	2,445	191.79	9,057	7,155
191.28	9,057	2,536	191.80	9,057	7,246
191.29	9,057	2,627	191.81	9,057	7,336
191.30	9,057	2,717	191.82	9,057	7,427
191.31	9,057	2,808	191.83	9,057	7,517
191.32	9,057	2,898	191.84	9,057	7,608
191.33	9,057	2,989	191.85	9,057	7,698
191.34	9,057	3,079	191.86	9,057	7,789
191.35	9,057	3,170	191.87	9,057	7,880
191.36	9,057	3,261	191.88	9,057	7,970
191.37	9,057	3,351	191.89	9,057	8,061
191.38	9,057	3,442	191.90	9,057	8,151
191.39	9,057	3,532	191.91	9,057	8,242
191.40	9,057	3,623	191.92	9,057	8,332
191.41	9,057	3,713	191.93	9,057	8,423
191.42	9,057	3,804	191.94	9,057	8,514
191.43	9,057	3,895	191.95	9,057	8,604
191.44	9,057	3,985	191.96	9,057	8,695
191.45	9,057	4,076	191.97	9,057	8,785
191.46	9,057	4,166	191.98	9,057	8,876
191.47	9,057	4,257	191.99	9,057	8,966
191.48	9,057	4,347	192.00	9,057	9,057
191.49	9,057	4,438	192.01	9,057	9,148
191.50	9,057	4,529	192.02	9,057	9,238
191.51	9,057	4,619	192.03	9,057	9,329

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	9,057	9,419	192.56	9,057	14,129
192.05	9,057	9,510	192.57	9,057	14,219
192.06	9,057	9,600	192.58	9,057	14,310
192.07	9,057	9,691	192.59	9,057	14,401
192.08	9,057	9,782	192.60	9,057	14,491
192.09	9,057	9,872	192.61	9,057	14,582
192.10	9,057	9,963	192.62	9,057	14,672
192.11	9,057	10,053	192.63	9,057	14,763
192.12	9,057	10,144	192.64	9,057	14,853
192.13	9,057	10,234	192.65	9,057	14,944
192.14	9,057	10,325	192.66	9,057	15,035
192.15	9,057	10,416	192.67	9,057	15,125
192.16	9,057	10,506	192.68	9,057	15,216
192.17	9,057	10,597	192.69	9,057	15,306
192.18	9,057	10,687	192.70	9,057	15,397
192.19	9,057	10,778	192.71	9,057	15,487
192.20	9,057	10,868	192.72	9,057	15,578
192.21	9,057	10,959	192.73	9,057	15,669
192.22	9,057	11,050	192.74	9,057	15,759
192.23	9,057	11,140	192.75	9,057	15,850
192.24	9,057	11,231	192.76	9,057	15,940
192.25	9,057	11,321	192.77	9,057	16,031
192.26	9,057	11,412	192.78	9,057	16,121
192.27	9,057	11,502	192.79	9,057	16,212
192.28	9,057	11,593	192.80	9,057	16,303
192.29	9,057	11,684	192.81	9,057	16,393
192.30	9,057	11,774	192.82	9,057	16,484
192.31	9,057	11,865	192.83	9,057	16,574
192.32	9,057	11,955	192.84	9,057	16,665
192.33	9,057	12,046	192.85	9,057	16,755
192.34	9,057	12,136	192.86	9,057	16,846
192.35	9,057	12,227	192.87	9,057	16,937
192.36	9,057	12,318	192.88	9,057	17,027
192.37	9,057	12,408	192.89	9,057	17,118
192.38	9,057	12,499	192.90	9,057	17,208
192.39	9,057	12,589	192.91	9,057	17,299
192.40	9,057	12,680	192.92	9,057	17,389
192.41	9,057	12,770	192.93	9,057	17,480
192.42	9,057	12,861	192.94	9,057	17,571
192.43	9,057	12,952	192.95	9,057	17,661
192.44	9,057	13,042	192.96	9,057	17,752
192.45	9,057	13,133	192.97	9,057	17,842
192.46	9,057	13,223	192.98	9,057	17,933
192.47	9,057	13,314	192.99	9,057	18,023
192.48	9,057	13,404	193.00	9,057	18,114
192.49	9,057	13,495	193.01	9,057	18,205
192.50	9,057	13,586	193.02	9,057	18,295
192.51	9,057	13,676	193.03	9,057	18,386
192.52	9,057	13,767	193.04	9,057	18,476
192.53	9,057	13,857	193.05	9,057	18,567
192.54	9,057	13,948	193.06	9,057	18,657
192.55	9,057	14,038	193.07	9,057	18,748

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	9,057	18,839	193.60	9,057	23,548
193.09	9,057	18,929	193.61	9,057	23,639
193.10	9,057	19,020	193.62	9,057	23,729
193.11	9,057	19,110	193.63	9,057	23,820
193.12	9,057	19,201	193.64	9,057	23,910
193.13	9,057	19,291	193.65	9,057	24,001
193.14	9,057	19,382	193.66	9,057	24,092
193.15	9,057	19,473	193.67	9,057	24,182
193.16	9,057	19,563	193.68	9,057	24,273
193.17	9,057	19,654	193.69	9,057	24,363
193.18	9,057	19,744	193.70	9,057	24,454
193.19	9,057	19,835	193.71	9,057	24,544
193.20	9,057	19,925	193.72	9,057	24,635
193.21	9,057	20,016	193.73	9,057	24,726
193.22	9,057	20,107	193.74	9,057	24,816
193.23	9,057	20,197	193.75	9,057	24,907
193.24	9,057	20,288	193.76	9,057	24,997
193.25	9,057	20,378	193.77	9,057	25,088
193.26	9,057	20,469	193.78	9,057	25,178
193.27	9,057	20,559	193.79	9,057	25,269
193.28	9,057	20,650	193.80	9,057	25,360
193.29	9,057	20,741	193.81	9,057	25,450
193.30	9,057	20,831	193.82	9,057	25,541
193.31	9,057	20,922	193.83	9,057	25,631
193.32	9,057	21,012	193.84	9,057	25,722
193.33	9,057	21,103	193.85	9,057	25,812
193.34	9,057	21,193	193.86	9,057	25,903
193.35	9,057	21,284	193.87	9,057	25,994
193.36	9,057	21,375	193.88	9,057	26,084
193.37	9,057	21,465	193.89	9,057	26,175
193.38	9,057	21,556	193.90	9,057	26,265
193.39	9,057	21,646	193.91	9,057	26,356
193.40	9,057	21,737	193.92	9,057	26,446
193.41	9,057	21,827	193.93	9,057	26,537
193.42	9,057	21,918	193.94	9,057	26,628
193.43	9,057	22,009	193.95	9,057	26,718
193.44	9,057	22,099	193.96	9,057	26,809
193.45	9,057	22,190	193.97	9,057	26,899
193.46	9,057	22,280	193.98	9,057	26,990
193.47	9,057	22,371	193.99	9,057	27,080
193.48	9,057	22,461	194.00	9,057	27,171
193.49	9,057	22,552	194.01	9,057	27,262
193.50	9,057	22,643	194.02	9,057	27,352
193.51	9,057	22,733	194.03	9,057	27,443
193.52	9,057	22,824	194.04	9,057	27,533
193.53	9,057	22,914	194.05	9,057	27,624
193.54	9,057	23,005	194.06	9,057	27,714
193.55	9,057	23,095	194.07	9,057	27,805
193.56	9,057	23,186	194.08	9,057	27,896
193.57	9,057	23,276	194.09	9,057	27,986
193.58	9,057	23,367	194.10	9,057	28,077
193.59	9,057	23,458	194.11	9,057	28,167

Stage-Area-Storage for Pond B-34: Basin #34 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	9,057	28,258	194.64	9,057	32,967
194.13	9,057	28,348	194.65	9,057	33,058
194.14	9,057	28,439	194.66	9,057	33,149
194.15	9,057	28,530	194.67	9,057	33,239
194.16	9,057	28,620	194.68	9,057	33,330
194.17	9,057	28,711	194.69	9,057	33,420
194.18	9,057	28,801	194.70	9,057	33,511
194.19	9,057	28,892	194.71	9,057	33,601
194.20	9,057	28,982	194.72	9,057	33,692
194.21	9,057	29,073	194.73	9,057	33,783
194.22	9,057	29,164	194.74	9,057	33,873
194.23	9,057	29,254	194.75	9,057	33,964
194.24	9,057	29,345	194.76	9,057	34,054
194.25	9,057	29,435	194.77	9,057	34,145
194.26	9,057	29,526	194.78	9,057	34,235
194.27	9,057	29,616	194.79	9,057	34,326
194.28	9,057	29,707	194.80	9,057	34,417
194.29	9,057	29,798	194.81	9,057	34,507
194.30	9,057	29,888	194.82	9,057	34,598
194.31	9,057	29,979	194.83	9,057	34,688
194.32	9,057	30,069	194.84	9,057	34,779
194.33	9,057	30,160	194.85	9,057	34,869
194.34	9,057	30,250	194.86	9,057	34,960
194.35	9,057	30,341	194.87	9,057	35,051
194.36	9,057	30,432	194.88	9,057	35,141
194.37	9,057	30,522	194.89	9,057	35,232
194.38	9,057	30,613	194.90	9,057	35,322
194.39	9,057	30,703	194.91	9,057	35,413
194.40	9,057	30,794	194.92	9,057	35,503
194.41	9,057	30,884	194.93	9,057	35,594
194.42	9,057	30,975	194.94	9,057	35,685
194.43	9,057	31,066	194.95	9,057	35,775
194.44	9,057	31,156	194.96	9,057	35,866
194.45	9,057	31,247	194.97	9,057	35,956
194.46	9,057	31,337	194.98	9,057	36,047
194.47	9,057	31,428	194.99	9,057	36,137
194.48	9,057	31,518	195.00	9,057	36,228
194.49	9,057	31,609			
194.50	9,057	31,700			
194.51	9,057	31,790			
194.52	9,057	31,881			
194.53	9,057	31,971			
194.54	9,057	32,062			
194.55	9,057	32,152			
194.56	9,057	32,243			
194.57	9,057	32,333			
194.58	9,057	32,424			
194.59	9,057	32,515			
194.60	9,057	32,605			
194.61	9,057	32,696			
194.62	9,057	32,786			
194.63	9,057	32,877			

Summary for Pond B-35: Basin #35

Inflow Area = 1.957 ac, 66.79% Impervious, Inflow Depth = 9.77" for Future 100 yr event
 Inflow = 23.48 cfs @ 12.09 hrs, Volume= 1.594 af
 Outflow = 3.87 cfs @ 12.52 hrs, Volume= 1.444 af, Atten= 84%, Lag= 25.8 min
 Primary = 3.87 cfs @ 12.52 hrs, Volume= 1.444 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 194.48' @ 12.52 hrs Surf.Area= 8,819 sf Storage= 39,543 cf

Plug-Flow detention time= 502.5 min calculated for 1.444 af (91% of inflow)
 Center-of-Mass det. time= 452.4 min (1,205.7 - 753.3)

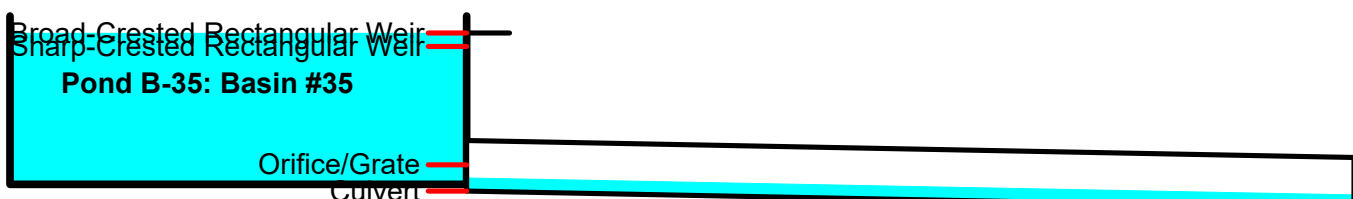
Volume	Invert	Avail.Storage	Storage Description
#1	190.00'	44,095 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
190.00	8,819	0	0
191.00	8,819	8,819	8,819
192.00	8,819	8,819	17,638
193.00	8,819	8,819	26,457
194.00	8,819	8,819	35,276
195.00	8,819	8,819	44,095

Device	Routing	Invert	Outlet Devices
#1	Primary	189.80'	18.0" Round Culvert L= 103.0' Ke= 0.500 Inlet / Outlet Invert= 189.80' / 189.30' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	190.58'	4.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	194.10'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	194.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

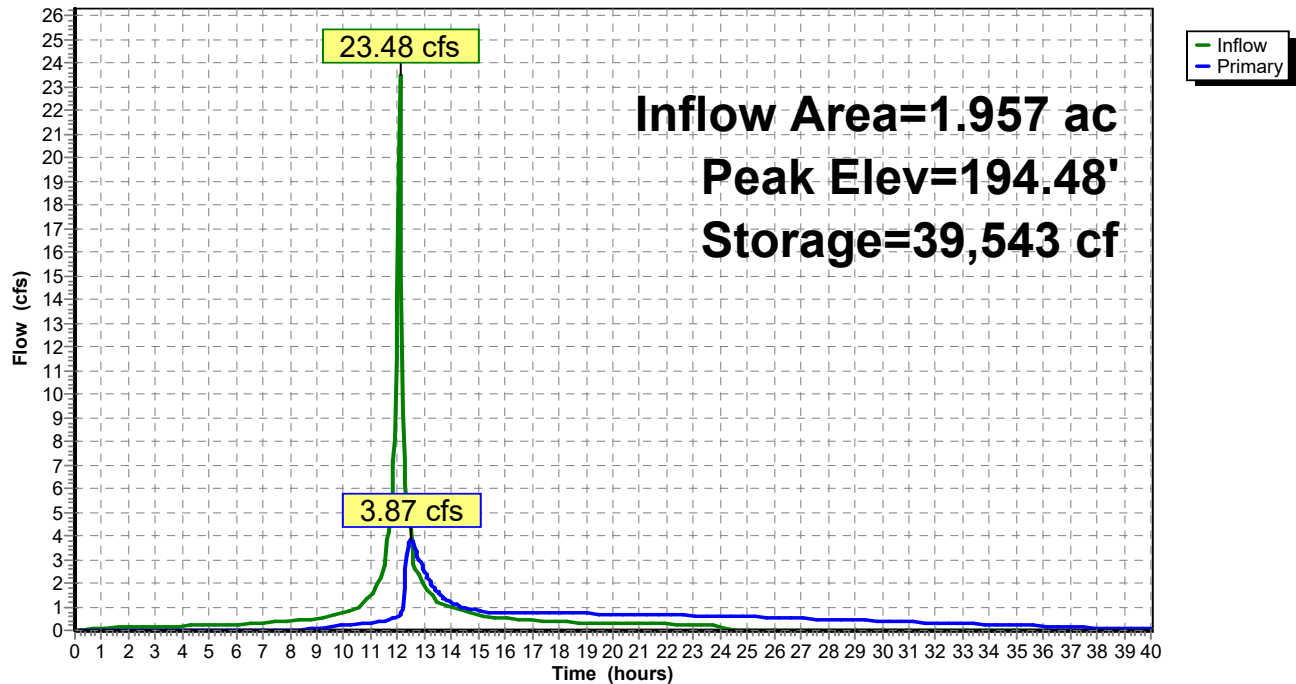
Primary OutFlow Max=3.85 cfs @ 12.52 hrs HW=194.48' (Free Discharge)

- 1=Culvert (Passes 3.85 cfs of 14.79 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.81 cfs @ 9.31 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 3.04 cfs @ 2.02 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-35: Basin #35

Hydrograph



Hydrograph for Pond B-35: Basin #35

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	190.00	0.00
0.10	0.00	0	190.00	0.00
0.20	0.00	0	190.00	0.00
0.30	0.00	0	190.00	0.00
0.40	0.00	0	190.00	0.00
0.50	0.02	5	190.00	0.00
0.60	0.03	14	190.00	0.00
0.70	0.05	29	190.00	0.00
0.80	0.06	47	190.01	0.00
0.90	0.07	69	190.01	0.00
1.00	0.07	95	190.01	0.00
1.10	0.08	123	190.01	0.00
1.20	0.09	155	190.02	0.00
1.30	0.10	188	190.02	0.00
1.40	0.10	224	190.03	0.00
1.50	0.11	262	190.03	0.00
1.60	0.11	303	190.03	0.00
1.70	0.12	344	190.04	0.00
1.80	0.12	388	190.04	0.00
1.90	0.13	433	190.05	0.00
2.00	0.13	480	190.05	0.00
2.10	0.14	529	190.06	0.00
2.20	0.14	578	190.07	0.00
2.30	0.14	629	190.07	0.00
2.40	0.15	681	190.08	0.00
2.50	0.15	735	190.08	0.00
2.60	0.15	789	190.09	0.00
2.70	0.16	845	190.10	0.00
2.80	0.16	902	190.10	0.00
2.90	0.16	959	190.11	0.00
3.00	0.16	1,018	190.12	0.00
3.10	0.17	1,077	190.12	0.00
3.20	0.17	1,138	190.13	0.00
3.30	0.17	1,199	190.14	0.00
3.40	0.17	1,262	190.14	0.00
3.50	0.18	1,325	190.15	0.00
3.60	0.18	1,389	190.16	0.00
3.70	0.18	1,454	190.16	0.00
3.80	0.18	1,520	190.17	0.00
3.90	0.19	1,586	190.18	0.00
4.00	0.19	1,653	190.19	0.00
4.10	0.19	1,721	190.20	0.00
4.20	0.19	1,790	190.20	0.00
4.30	0.20	1,859	190.21	0.00
4.40	0.20	1,930	190.22	0.00
4.50	0.20	2,001	190.23	0.00
4.60	0.20	2,072	190.23	0.00
4.70	0.20	2,144	190.24	0.00
4.80	0.20	2,217	190.25	0.00
4.90	0.21	2,291	190.26	0.00
5.00	0.21	2,365	190.27	0.00
5.10	0.21	2,440	190.28	0.00

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.21	2,516	190.29	0.00
5.30	0.22	2,593	190.29	0.00
5.40	0.22	2,671	190.30	0.00
5.50	0.22	2,751	190.31	0.00
5.60	0.22	2,831	190.32	0.00
5.70	0.23	2,912	190.33	0.00
5.80	0.23	2,994	190.34	0.00
5.90	0.23	3,077	190.35	0.00
6.00	0.24	3,161	190.36	0.00
6.10	0.24	3,247	190.37	0.00
6.20	0.25	3,336	190.38	0.00
6.30	0.26	3,427	190.39	0.00
6.40	0.26	3,521	190.40	0.00
6.50	0.27	3,618	190.41	0.00
6.60	0.28	3,717	190.42	0.00
6.70	0.29	3,819	190.43	0.00
6.80	0.29	3,924	190.44	0.00
6.90	0.30	4,031	190.46	0.00
7.00	0.31	4,141	190.47	0.00
7.10	0.32	4,255	190.48	0.00
7.20	0.33	4,371	190.50	0.00
7.30	0.33	4,489	190.51	0.00
7.40	0.34	4,611	190.52	0.00
7.50	0.35	4,736	190.54	0.00
7.60	0.36	4,863	190.55	0.00
7.70	0.37	4,993	190.57	0.00
7.80	0.37	5,126	190.58	0.00
7.90	0.38	5,262	190.60	0.00
8.00	0.39	5,401	190.61	0.00
8.10	0.40	5,541	190.63	0.01
8.20	0.41	5,683	190.64	0.01
8.30	0.41	5,827	190.66	0.02
8.40	0.42	5,971	190.68	0.02
8.50	0.43	6,115	190.69	0.03
8.60	0.44	6,260	190.71	0.04
8.70	0.45	6,405	190.73	0.05
8.80	0.46	6,550	190.74	0.06
8.90	0.47	6,693	190.76	0.07
9.00	0.48	6,836	190.78	0.08
9.10	0.50	6,982	190.79	0.09
9.20	0.53	7,134	190.81	0.10
9.30	0.56	7,291	190.83	0.12
9.40	0.59	7,453	190.85	0.13
9.50	0.62	7,621	190.86	0.14
9.60	0.65	7,795	190.88	0.16
9.70	0.67	7,975	190.90	0.17
9.80	0.70	8,162	190.93	0.18
9.90	0.74	8,355	190.95	0.19
10.00	0.76	8,556	190.97	0.20
10.10	0.79	8,764	190.99	0.21
10.20	0.83	8,979	191.02	0.22
10.30	0.86	9,202	191.04	0.23

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.89	9,431	191.07	0.24
10.50	0.92	9,669	191.10	0.25
10.60	1.03	9,930	191.13	0.26
10.70	1.14	10,226	191.16	0.27
10.80	1.25	10,558	191.20	0.28
10.90	1.36	10,926	191.24	0.29
11.00	1.48	11,331	191.28	0.31
11.10	1.68	11,790	191.34	0.32
11.20	1.90	12,319	191.40	0.34
11.30	2.11	12,920	191.46	0.36
11.40	2.33	13,592	191.54	0.37
11.50	2.53	14,329	191.62	0.39
11.60	3.86	15,357	191.74	0.42
11.70	4.18	16,653	191.89	0.45
11.80	5.72	18,292	192.07	0.48
11.90	8.07	20,626	192.34	0.53
12.00	14.01	24,488	192.78	0.60
12.10	23.25	31,158	193.53	0.70
12.20	9.17	36,508	194.14	0.89
12.30	6.19	38,545	194.37	2.62
12.40	4.53	39,305	194.46	3.55
12.50	4.23	39,535	194.48	3.86
12.60	2.81	39,406	194.47	3.69
12.70	2.58	39,113	194.44	3.31
12.80	2.35	38,863	194.41	2.99
12.90	2.13	38,636	194.38	2.73
13.00	1.90	38,421	194.36	2.48
13.10	1.68	38,211	194.33	2.25
13.20	1.55	38,016	194.31	2.05
13.30	1.43	37,846	194.29	1.88
13.40	1.31	37,688	194.27	1.73
13.50	1.19	37,538	194.26	1.59
13.60	1.07	37,393	194.24	1.47
13.70	1.04	37,261	194.23	1.37
13.80	1.00	37,152	194.21	1.28
13.90	0.98	37,060	194.20	1.21
14.00	0.94	36,979	194.19	1.16
14.10	0.91	36,905	194.18	1.11
14.20	0.88	36,835	194.18	1.07
14.30	0.85	36,769	194.17	1.03
14.40	0.82	36,705	194.16	0.99
14.50	0.79	36,645	194.16	0.95
14.60	0.75	36,586	194.15	0.92
14.70	0.72	36,524	194.14	0.90
14.80	0.69	36,459	194.13	0.87
14.90	0.66	36,392	194.13	0.85
15.00	0.63	36,320	194.12	0.83
15.10	0.60	36,247	194.11	0.80
15.20	0.59	36,176	194.10	0.78
15.30	0.58	36,108	194.09	0.77
15.40	0.57	36,037	194.09	0.77
15.50	0.56	35,964	194.08	0.77

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.55	35,889	194.07	0.77
15.70	0.54	35,810	194.06	0.76
15.80	0.53	35,729	194.05	0.76
15.90	0.53	35,646	194.04	0.76
16.00	0.52	35,559	194.03	0.76
16.10	0.51	35,470	194.02	0.76
16.20	0.50	35,379	194.01	0.76
16.30	0.49	35,285	194.00	0.76
16.40	0.49	35,189	193.99	0.76
16.50	0.48	35,089	193.98	0.76
16.60	0.47	34,988	193.97	0.75
16.70	0.46	34,884	193.96	0.75
16.80	0.45	34,777	193.94	0.75
16.90	0.44	34,668	193.93	0.75
17.00	0.44	34,556	193.92	0.75
17.10	0.43	34,442	193.91	0.75
17.20	0.42	34,326	193.89	0.75
17.30	0.41	34,206	193.88	0.74
17.40	0.40	34,084	193.86	0.74
17.50	0.39	33,961	193.85	0.74
17.60	0.38	33,834	193.84	0.74
17.70	0.38	33,705	193.82	0.74
17.80	0.37	33,574	193.81	0.74
17.90	0.36	33,441	193.79	0.73
18.00	0.35	33,305	193.78	0.73
18.10	0.34	33,167	193.76	0.73
18.20	0.34	33,027	193.74	0.73
18.30	0.34	32,888	193.73	0.73
18.40	0.34	32,748	193.71	0.72
18.50	0.33	32,608	193.70	0.72
18.60	0.33	32,468	193.68	0.72
18.70	0.33	32,329	193.67	0.72
18.80	0.33	32,189	193.65	0.72
18.90	0.33	32,049	193.63	0.71
19.00	0.32	31,909	193.62	0.71
19.10	0.32	31,769	193.60	0.71
19.20	0.32	31,629	193.59	0.71
19.30	0.32	31,489	193.57	0.71
19.40	0.31	31,349	193.55	0.70
19.50	0.31	31,208	193.54	0.70
19.60	0.31	31,068	193.52	0.70
19.70	0.31	30,928	193.51	0.70
19.80	0.31	30,788	193.49	0.70
19.90	0.30	30,648	193.48	0.69
20.00	0.30	30,508	193.46	0.69
20.10	0.30	30,367	193.44	0.69
20.20	0.30	30,227	193.43	0.69
20.30	0.30	30,086	193.41	0.69
20.40	0.29	29,946	193.40	0.68
20.50	0.29	29,805	193.38	0.68
20.60	0.29	29,665	193.36	0.68
20.70	0.29	29,525	193.35	0.68

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.29	29,385	193.33	0.68
20.90	0.28	29,244	193.32	0.67
21.00	0.28	29,103	193.30	0.67
21.10	0.28	28,963	193.28	0.67
21.20	0.28	28,822	193.27	0.67
21.30	0.28	28,682	193.25	0.67
21.40	0.27	28,542	193.24	0.66
21.50	0.27	28,401	193.22	0.66
21.60	0.27	28,261	193.20	0.66
21.70	0.27	28,120	193.19	0.66
21.80	0.27	27,980	193.17	0.65
21.90	0.26	27,840	193.16	0.65
22.00	0.26	27,699	193.14	0.65
22.10	0.26	27,559	193.12	0.65
22.20	0.26	27,419	193.11	0.65
22.30	0.25	27,279	193.09	0.64
22.40	0.25	27,138	193.08	0.64
22.50	0.25	26,998	193.06	0.64
22.60	0.25	26,858	193.05	0.64
22.70	0.25	26,718	193.03	0.63
22.80	0.24	26,577	193.01	0.63
22.90	0.24	26,437	193.00	0.63
23.00	0.24	26,297	192.98	0.63
23.10	0.24	26,157	192.97	0.63
23.20	0.23	26,017	192.95	0.62
23.30	0.23	25,877	192.93	0.62
23.40	0.23	25,737	192.92	0.62
23.50	0.23	25,597	192.90	0.62
23.60	0.23	25,457	192.89	0.61
23.70	0.23	25,318	192.87	0.61
23.80	0.22	25,178	192.86	0.61
23.90	0.22	25,039	192.84	0.61
24.00	0.27	24,909	192.82	0.61
24.10	0.01	24,738	192.81	0.60
24.20	0.00	24,523	192.78	0.60
24.30	0.00	24,308	192.76	0.60
24.40	0.00	24,094	192.73	0.59
24.50	0.00	23,882	192.71	0.59
24.60	0.00	23,670	192.68	0.58
24.70	0.00	23,460	192.66	0.58
24.80	0.00	23,252	192.64	0.58
24.90	0.00	23,045	192.61	0.57
25.00	0.00	22,839	192.59	0.57
25.10	0.00	22,634	192.57	0.57
25.20	0.00	22,430	192.54	0.56
25.30	0.00	22,228	192.52	0.56
25.40	0.00	22,028	192.50	0.56
25.50	0.00	21,828	192.48	0.55
25.60	0.00	21,630	192.45	0.55
25.70	0.00	21,433	192.43	0.55
25.80	0.00	21,237	192.41	0.54
25.90	0.00	21,043	192.39	0.54

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	20,850	192.36	0.53
26.10	0.00	20,658	192.34	0.53
26.20	0.00	20,468	192.32	0.53
26.30	0.00	20,279	192.30	0.52
26.40	0.00	20,091	192.28	0.52
26.50	0.00	19,904	192.26	0.52
26.60	0.00	19,719	192.24	0.51
26.70	0.00	19,535	192.22	0.51
26.80	0.00	19,352	192.19	0.51
26.90	0.00	19,171	192.17	0.50
27.00	0.00	18,991	192.15	0.50
27.10	0.00	18,812	192.13	0.49
27.20	0.00	18,635	192.11	0.49
27.30	0.00	18,459	192.09	0.49
27.40	0.00	18,284	192.07	0.48
27.50	0.00	18,110	192.05	0.48
27.60	0.00	17,938	192.03	0.48
27.70	0.00	17,767	192.01	0.47
27.80	0.00	17,597	192.00	0.47
27.90	0.00	17,429	191.98	0.47
28.00	0.00	17,262	191.96	0.46
28.10	0.00	17,096	191.94	0.46
28.20	0.00	16,931	191.92	0.46
28.30	0.00	16,768	191.90	0.45
28.40	0.00	16,606	191.88	0.45
28.50	0.00	16,446	191.86	0.44
28.60	0.00	16,287	191.85	0.44
28.70	0.00	16,129	191.83	0.44
28.80	0.00	15,972	191.81	0.43
28.90	0.00	15,816	191.79	0.43
29.00	0.00	15,662	191.78	0.43
29.10	0.00	15,509	191.76	0.42
29.20	0.00	15,358	191.74	0.42
29.30	0.00	15,208	191.72	0.42
29.40	0.00	15,059	191.71	0.41
29.50	0.00	14,911	191.69	0.41
29.60	0.00	14,765	191.67	0.40
29.70	0.00	14,620	191.66	0.40
29.80	0.00	14,476	191.64	0.40
29.90	0.00	14,334	191.63	0.39
30.00	0.00	14,193	191.61	0.39
30.10	0.00	14,053	191.59	0.39
30.20	0.00	13,914	191.58	0.38
30.30	0.00	13,777	191.56	0.38
30.40	0.00	13,641	191.55	0.38
30.50	0.00	13,506	191.53	0.37
30.60	0.00	13,373	191.52	0.37
30.70	0.00	13,241	191.50	0.37
30.80	0.00	13,110	191.49	0.36
30.90	0.00	12,981	191.47	0.36
31.00	0.00	12,853	191.46	0.35
31.10	0.00	12,726	191.44	0.35

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,600	191.43	0.35
31.30	0.00	12,476	191.41	0.34
31.40	0.00	12,353	191.40	0.34
31.50	0.00	12,231	191.39	0.34
31.60	0.00	12,111	191.37	0.33
31.70	0.00	11,992	191.36	0.33
31.80	0.00	11,874	191.35	0.33
31.90	0.00	11,758	191.33	0.32
32.00	0.00	11,642	191.32	0.32
32.10	0.00	11,528	191.31	0.31
32.20	0.00	11,416	191.29	0.31
32.30	0.00	11,305	191.28	0.31
32.40	0.00	11,195	191.27	0.30
32.50	0.00	11,086	191.26	0.30
32.60	0.00	10,979	191.24	0.30
32.70	0.00	10,872	191.23	0.29
32.80	0.00	10,768	191.22	0.29
32.90	0.00	10,664	191.21	0.29
33.00	0.00	10,562	191.20	0.28
33.10	0.00	10,461	191.19	0.28
33.20	0.00	10,361	191.17	0.27
33.30	0.00	10,263	191.16	0.27
33.40	0.00	10,166	191.15	0.27
33.50	0.00	10,070	191.14	0.26
33.60	0.00	9,976	191.13	0.26
33.70	0.00	9,883	191.12	0.26
33.80	0.00	9,791	191.11	0.25
33.90	0.00	9,700	191.10	0.25
34.00	0.00	9,611	191.09	0.25
34.10	0.00	9,523	191.08	0.24
34.20	0.00	9,437	191.07	0.24
34.30	0.00	9,351	191.06	0.24
34.40	0.00	9,267	191.05	0.23
34.50	0.00	9,185	191.04	0.23
34.60	0.00	9,103	191.03	0.22
34.70	0.00	9,023	191.02	0.22
34.80	0.00	8,944	191.01	0.22
34.90	0.00	8,867	191.01	0.21
35.00	0.00	8,790	191.00	0.21
35.10	0.00	8,715	190.99	0.21
35.20	0.00	8,642	190.98	0.20
35.30	0.00	8,570	190.97	0.20
35.40	0.00	8,499	190.96	0.20
35.50	0.00	8,429	190.96	0.19
35.60	0.00	8,360	190.95	0.19
35.70	0.00	8,293	190.94	0.18
35.80	0.00	8,227	190.93	0.18
35.90	0.00	8,162	190.93	0.18
36.00	0.00	8,099	190.92	0.17
36.10	0.00	8,037	190.91	0.17
36.20	0.00	7,976	190.90	0.17
36.30	0.00	7,916	190.90	0.16

Hydrograph for Pond B-35: Basin #35 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,858	190.89	0.16
36.50	0.00	7,801	190.88	0.16
36.60	0.00	7,745	190.88	0.15
36.70	0.00	7,691	190.87	0.15
36.80	0.00	7,639	190.87	0.14
36.90	0.00	7,587	190.86	0.14
37.00	0.00	7,537	190.85	0.14
37.10	0.00	7,489	190.85	0.13
37.20	0.00	7,441	190.84	0.13
37.30	0.00	7,396	190.84	0.13
37.40	0.00	7,351	190.83	0.12
37.50	0.00	7,308	190.83	0.12
37.60	0.00	7,266	190.82	0.11
37.70	0.00	7,225	190.82	0.11
37.80	0.00	7,185	190.81	0.11
37.90	0.00	7,147	190.81	0.11
38.00	0.00	7,110	190.81	0.10
38.10	0.00	7,073	190.80	0.10
38.20	0.00	7,038	190.80	0.10
38.30	0.00	7,004	190.79	0.09
38.40	0.00	6,971	190.79	0.09
38.50	0.00	6,939	190.79	0.09
38.60	0.00	6,907	190.78	0.09
38.70	0.00	6,877	190.78	0.08
38.80	0.00	6,847	190.78	0.08
38.90	0.00	6,818	190.77	0.08
39.00	0.00	6,790	190.77	0.08
39.10	0.00	6,763	190.77	0.07
39.20	0.00	6,737	190.76	0.07
39.30	0.00	6,711	190.76	0.07
39.40	0.00	6,686	190.76	0.07
39.50	0.00	6,662	190.76	0.07
39.60	0.00	6,638	190.75	0.06
39.70	0.00	6,615	190.75	0.06
39.80	0.00	6,593	190.75	0.06
39.90	0.00	6,571	190.75	0.06
40.00	0.00	6,550	190.74	0.06

Stage-Discharge for Pond B-35: Basin #35

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
190.00	0.00	190.52	0.00	191.04	0.23	191.56	0.38
190.01	0.00	190.53	0.00	191.05	0.23	191.57	0.38
190.02	0.00	190.54	0.00	191.06	0.24	191.58	0.38
190.03	0.00	190.55	0.00	191.07	0.24	191.59	0.39
190.04	0.00	190.56	0.00	191.08	0.24	191.60	0.39
190.05	0.00	190.57	0.00	191.09	0.25	191.61	0.39
190.06	0.00	190.58	0.00	191.10	0.25	191.62	0.39
190.07	0.00	190.59	0.00	191.11	0.25	191.63	0.39
190.08	0.00	190.60	0.00	191.12	0.26	191.64	0.40
190.09	0.00	190.61	0.00	191.13	0.26	191.65	0.40
190.10	0.00	190.62	0.00	191.14	0.26	191.66	0.40
190.11	0.00	190.63	0.01	191.15	0.27	191.67	0.40
190.12	0.00	190.64	0.01	191.16	0.27	191.68	0.41
190.13	0.00	190.65	0.01	191.17	0.27	191.69	0.41
190.14	0.00	190.66	0.02	191.18	0.28	191.70	0.41
190.15	0.00	190.67	0.02	191.19	0.28	191.71	0.41
190.16	0.00	190.68	0.02	191.20	0.28	191.72	0.41
190.17	0.00	190.69	0.03	191.21	0.29	191.73	0.42
190.18	0.00	190.70	0.03	191.22	0.29	191.74	0.42
190.19	0.00	190.71	0.04	191.23	0.29	191.75	0.42
190.20	0.00	190.72	0.04	191.24	0.30	191.76	0.42
190.21	0.00	190.73	0.05	191.25	0.30	191.77	0.43
190.22	0.00	190.74	0.06	191.26	0.30	191.78	0.43
190.23	0.00	190.75	0.06	191.27	0.30	191.79	0.43
190.24	0.00	190.76	0.07	191.28	0.31	191.80	0.43
190.25	0.00	190.77	0.08	191.29	0.31	191.81	0.43
190.26	0.00	190.78	0.08	191.30	0.31	191.82	0.44
190.27	0.00	190.79	0.09	191.31	0.32	191.83	0.44
190.28	0.00	190.80	0.10	191.32	0.32	191.84	0.44
190.29	0.00	190.81	0.10	191.33	0.32	191.85	0.44
190.30	0.00	190.82	0.11	191.34	0.32	191.86	0.44
190.31	0.00	190.83	0.12	191.35	0.33	191.87	0.45
190.32	0.00	190.84	0.13	191.36	0.33	191.88	0.45
190.33	0.00	190.85	0.13	191.37	0.33	191.89	0.45
190.34	0.00	190.86	0.14	191.38	0.33	191.90	0.45
190.35	0.00	190.87	0.15	191.39	0.34	191.91	0.45
190.36	0.00	190.88	0.15	191.40	0.34	191.92	0.46
190.37	0.00	190.89	0.16	191.41	0.34	191.93	0.46
190.38	0.00	190.90	0.17	191.42	0.34	191.94	0.46
190.39	0.00	190.91	0.17	191.43	0.35	191.95	0.46
190.40	0.00	190.92	0.17	191.44	0.35	191.96	0.46
190.41	0.00	190.93	0.18	191.45	0.35	191.97	0.46
190.42	0.00	190.94	0.18	191.46	0.35	191.98	0.47
190.43	0.00	190.95	0.19	191.47	0.36	191.99	0.47
190.44	0.00	190.96	0.19	191.48	0.36	192.00	0.47
190.45	0.00	190.97	0.20	191.49	0.36	192.01	0.47
190.46	0.00	190.98	0.20	191.50	0.36	192.02	0.47
190.47	0.00	190.99	0.21	191.51	0.37	192.03	0.48
190.48	0.00	191.00	0.21	191.52	0.37	192.04	0.48
190.49	0.00	191.01	0.22	191.53	0.37	192.05	0.48
190.50	0.00	191.02	0.22	191.54	0.37	192.06	0.48
190.51	0.00	191.03	0.22	191.55	0.38	192.07	0.48

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
192.08	0.49	192.60	0.57	193.12	0.65	193.64	0.71
192.09	0.49	192.61	0.57	193.13	0.65	193.65	0.72
192.10	0.49	192.62	0.58	193.14	0.65	193.66	0.72
192.11	0.49	192.63	0.58	193.15	0.65	193.67	0.72
192.12	0.49	192.64	0.58	193.16	0.65	193.68	0.72
192.13	0.49	192.65	0.58	193.17	0.65	193.69	0.72
192.14	0.50	192.66	0.58	193.18	0.66	193.70	0.72
192.15	0.50	192.67	0.58	193.19	0.66	193.71	0.72
192.16	0.50	192.68	0.58	193.20	0.66	193.72	0.72
192.17	0.50	192.69	0.59	193.21	0.66	193.73	0.73
192.18	0.50	192.70	0.59	193.22	0.66	193.74	0.73
192.19	0.50	192.71	0.59	193.23	0.66	193.75	0.73
192.20	0.51	192.72	0.59	193.24	0.66	193.76	0.73
192.21	0.51	192.73	0.59	193.25	0.66	193.77	0.73
192.22	0.51	192.74	0.59	193.26	0.67	193.78	0.73
192.23	0.51	192.75	0.59	193.27	0.67	193.79	0.73
192.24	0.51	192.76	0.60	193.28	0.67	193.80	0.73
192.25	0.52	192.77	0.60	193.29	0.67	193.81	0.74
192.26	0.52	192.78	0.60	193.30	0.67	193.82	0.74
192.27	0.52	192.79	0.60	193.31	0.67	193.83	0.74
192.28	0.52	192.80	0.60	193.32	0.67	193.84	0.74
192.29	0.52	192.81	0.60	193.33	0.68	193.85	0.74
192.30	0.52	192.82	0.61	193.34	0.68	193.86	0.74
192.31	0.53	192.83	0.61	193.35	0.68	193.87	0.74
192.32	0.53	192.84	0.61	193.36	0.68	193.88	0.74
192.33	0.53	192.85	0.61	193.37	0.68	193.89	0.74
192.34	0.53	192.86	0.61	193.38	0.68	193.90	0.75
192.35	0.53	192.87	0.61	193.39	0.68	193.91	0.75
192.36	0.53	192.88	0.61	193.40	0.68	193.92	0.75
192.37	0.54	192.89	0.62	193.41	0.69	193.93	0.75
192.38	0.54	192.90	0.62	193.42	0.69	193.94	0.75
192.39	0.54	192.91	0.62	193.43	0.69	193.95	0.75
192.40	0.54	192.92	0.62	193.44	0.69	193.96	0.75
192.41	0.54	192.93	0.62	193.45	0.69	193.97	0.75
192.42	0.54	192.94	0.62	193.46	0.69	193.98	0.76
192.43	0.55	192.95	0.62	193.47	0.69	193.99	0.76
192.44	0.55	192.96	0.63	193.48	0.69	194.00	0.76
192.45	0.55	192.97	0.63	193.49	0.70	194.01	0.76
192.46	0.55	192.98	0.63	193.50	0.70	194.02	0.76
192.47	0.55	192.99	0.63	193.51	0.70	194.03	0.76
192.48	0.55	193.00	0.63	193.52	0.70	194.04	0.76
192.49	0.55	193.01	0.63	193.53	0.70	194.05	0.76
192.50	0.56	193.02	0.63	193.54	0.70	194.06	0.76
192.51	0.56	193.03	0.63	193.55	0.70	194.07	0.77
192.52	0.56	193.04	0.64	193.56	0.70	194.08	0.77
192.53	0.56	193.05	0.64	193.57	0.71	194.09	0.77
192.54	0.56	193.06	0.64	193.58	0.71	194.10	0.77
192.55	0.56	193.07	0.64	193.59	0.71	194.11	0.78
192.56	0.57	193.08	0.64	193.60	0.71	194.12	0.81
192.57	0.57	193.09	0.64	193.61	0.71	194.13	0.84
192.58	0.57	193.10	0.64	193.62	0.71	194.14	0.88
192.59	0.57	193.11	0.65	193.63	0.71	194.15	0.92

Stage-Discharge for Pond B-35: Basin #35 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.16	0.97	194.68	15.46
194.17	1.02	194.69	16.37
194.18	1.07	194.70	17.30
194.19	1.13	194.71	18.29
194.20	1.19	194.72	19.31
194.21	1.26	194.73	20.36
194.22	1.32	194.74	21.43
194.23	1.39	194.75	22.53
194.24	1.47	194.76	23.65
194.25	1.54	194.77	24.80
194.26	1.62	194.78	25.98
194.27	1.70	194.79	27.18
194.28	1.78	194.80	28.41
194.29	1.86	194.81	29.66
194.30	1.95	194.82	30.94
194.31	2.04	194.83	32.24
194.32	2.13	194.84	33.57
194.33	2.22	194.85	34.92
194.34	2.32	194.86	36.30
194.35	2.41	194.87	37.71
194.36	2.51	194.88	39.14
194.37	2.61	194.89	40.59
194.38	2.71	194.90	42.07
194.39	2.82	194.91	43.60
194.40	2.92	194.92	45.16
194.41	3.03	194.93	46.75
194.42	3.14	194.94	48.36
194.43	3.25	194.95	50.00
194.44	3.36	194.96	51.66
194.45	3.47	194.97	53.35
194.46	3.58	194.98	55.07
194.47	3.70	194.99	56.82
194.48	3.82	195.00	58.60
194.49	3.94		
194.50	4.06		
194.51	4.30		
194.52	4.63		
194.53	5.03		
194.54	5.49		
194.55	5.99		
194.56	6.53		
194.57	7.11		
194.58	7.73		
194.59	8.37		
194.60	9.05		
194.61	9.76		
194.62	10.50		
194.63	11.26		
194.64	12.05		
194.65	12.86		
194.66	13.70		
194.67	14.57		

Stage-Area-Storage for Pond B-35: Basin #35

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.00	8,819	0	190.52	8,819	4,586
190.01	8,819	88	190.53	8,819	4,674
190.02	8,819	176	190.54	8,819	4,762
190.03	8,819	265	190.55	8,819	4,850
190.04	8,819	353	190.56	8,819	4,939
190.05	8,819	441	190.57	8,819	5,027
190.06	8,819	529	190.58	8,819	5,115
190.07	8,819	617	190.59	8,819	5,203
190.08	8,819	706	190.60	8,819	5,291
190.09	8,819	794	190.61	8,819	5,380
190.10	8,819	882	190.62	8,819	5,468
190.11	8,819	970	190.63	8,819	5,556
190.12	8,819	1,058	190.64	8,819	5,644
190.13	8,819	1,146	190.65	8,819	5,732
190.14	8,819	1,235	190.66	8,819	5,821
190.15	8,819	1,323	190.67	8,819	5,909
190.16	8,819	1,411	190.68	8,819	5,997
190.17	8,819	1,499	190.69	8,819	6,085
190.18	8,819	1,587	190.70	8,819	6,173
190.19	8,819	1,676	190.71	8,819	6,261
190.20	8,819	1,764	190.72	8,819	6,350
190.21	8,819	1,852	190.73	8,819	6,438
190.22	8,819	1,940	190.74	8,819	6,526
190.23	8,819	2,028	190.75	8,819	6,614
190.24	8,819	2,117	190.76	8,819	6,702
190.25	8,819	2,205	190.77	8,819	6,791
190.26	8,819	2,293	190.78	8,819	6,879
190.27	8,819	2,381	190.79	8,819	6,967
190.28	8,819	2,469	190.80	8,819	7,055
190.29	8,819	2,558	190.81	8,819	7,143
190.30	8,819	2,646	190.82	8,819	7,232
190.31	8,819	2,734	190.83	8,819	7,320
190.32	8,819	2,822	190.84	8,819	7,408
190.33	8,819	2,910	190.85	8,819	7,496
190.34	8,819	2,998	190.86	8,819	7,584
190.35	8,819	3,087	190.87	8,819	7,673
190.36	8,819	3,175	190.88	8,819	7,761
190.37	8,819	3,263	190.89	8,819	7,849
190.38	8,819	3,351	190.90	8,819	7,937
190.39	8,819	3,439	190.91	8,819	8,025
190.40	8,819	3,528	190.92	8,819	8,113
190.41	8,819	3,616	190.93	8,819	8,202
190.42	8,819	3,704	190.94	8,819	8,290
190.43	8,819	3,792	190.95	8,819	8,378
190.44	8,819	3,880	190.96	8,819	8,466
190.45	8,819	3,969	190.97	8,819	8,554
190.46	8,819	4,057	190.98	8,819	8,643
190.47	8,819	4,145	190.99	8,819	8,731
190.48	8,819	4,233	191.00	8,819	8,819
190.49	8,819	4,321	191.01	8,819	8,907
190.50	8,819	4,410	191.02	8,819	8,995
190.51	8,819	4,498	191.03	8,819	9,084

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.04	8,819	9,172	191.56	8,819	13,758
191.05	8,819	9,260	191.57	8,819	13,846
191.06	8,819	9,348	191.58	8,819	13,934
191.07	8,819	9,436	191.59	8,819	14,022
191.08	8,819	9,525	191.60	8,819	14,110
191.09	8,819	9,613	191.61	8,819	14,199
191.10	8,819	9,701	191.62	8,819	14,287
191.11	8,819	9,789	191.63	8,819	14,375
191.12	8,819	9,877	191.64	8,819	14,463
191.13	8,819	9,965	191.65	8,819	14,551
191.14	8,819	10,054	191.66	8,819	14,640
191.15	8,819	10,142	191.67	8,819	14,728
191.16	8,819	10,230	191.68	8,819	14,816
191.17	8,819	10,318	191.69	8,819	14,904
191.18	8,819	10,406	191.70	8,819	14,992
191.19	8,819	10,495	191.71	8,819	15,080
191.20	8,819	10,583	191.72	8,819	15,169
191.21	8,819	10,671	191.73	8,819	15,257
191.22	8,819	10,759	191.74	8,819	15,345
191.23	8,819	10,847	191.75	8,819	15,433
191.24	8,819	10,936	191.76	8,819	15,521
191.25	8,819	11,024	191.77	8,819	15,610
191.26	8,819	11,112	191.78	8,819	15,698
191.27	8,819	11,200	191.79	8,819	15,786
191.28	8,819	11,288	191.80	8,819	15,874
191.29	8,819	11,377	191.81	8,819	15,962
191.30	8,819	11,465	191.82	8,819	16,051
191.31	8,819	11,553	191.83	8,819	16,139
191.32	8,819	11,641	191.84	8,819	16,227
191.33	8,819	11,729	191.85	8,819	16,315
191.34	8,819	11,817	191.86	8,819	16,403
191.35	8,819	11,906	191.87	8,819	16,492
191.36	8,819	11,994	191.88	8,819	16,580
191.37	8,819	12,082	191.89	8,819	16,668
191.38	8,819	12,170	191.90	8,819	16,756
191.39	8,819	12,258	191.91	8,819	16,844
191.40	8,819	12,347	191.92	8,819	16,932
191.41	8,819	12,435	191.93	8,819	17,021
191.42	8,819	12,523	191.94	8,819	17,109
191.43	8,819	12,611	191.95	8,819	17,197
191.44	8,819	12,699	191.96	8,819	17,285
191.45	8,819	12,788	191.97	8,819	17,373
191.46	8,819	12,876	191.98	8,819	17,462
191.47	8,819	12,964	191.99	8,819	17,550
191.48	8,819	13,052	192.00	8,819	17,638
191.49	8,819	13,140	192.01	8,819	17,726
191.50	8,819	13,229	192.02	8,819	17,814
191.51	8,819	13,317	192.03	8,819	17,903
191.52	8,819	13,405	192.04	8,819	17,991
191.53	8,819	13,493	192.05	8,819	18,079
191.54	8,819	13,581	192.06	8,819	18,167
191.55	8,819	13,669	192.07	8,819	18,255

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.08	8,819	18,344	192.60	8,819	22,929
192.09	8,819	18,432	192.61	8,819	23,018
192.10	8,819	18,520	192.62	8,819	23,106
192.11	8,819	18,608	192.63	8,819	23,194
192.12	8,819	18,696	192.64	8,819	23,282
192.13	8,819	18,784	192.65	8,819	23,370
192.14	8,819	18,873	192.66	8,819	23,459
192.15	8,819	18,961	192.67	8,819	23,547
192.16	8,819	19,049	192.68	8,819	23,635
192.17	8,819	19,137	192.69	8,819	23,723
192.18	8,819	19,225	192.70	8,819	23,811
192.19	8,819	19,314	192.71	8,819	23,899
192.20	8,819	19,402	192.72	8,819	23,988
192.21	8,819	19,490	192.73	8,819	24,076
192.22	8,819	19,578	192.74	8,819	24,164
192.23	8,819	19,666	192.75	8,819	24,252
192.24	8,819	19,755	192.76	8,819	24,340
192.25	8,819	19,843	192.77	8,819	24,429
192.26	8,819	19,931	192.78	8,819	24,517
192.27	8,819	20,019	192.79	8,819	24,605
192.28	8,819	20,107	192.80	8,819	24,693
192.29	8,819	20,196	192.81	8,819	24,781
192.30	8,819	20,284	192.82	8,819	24,870
192.31	8,819	20,372	192.83	8,819	24,958
192.32	8,819	20,460	192.84	8,819	25,046
192.33	8,819	20,548	192.85	8,819	25,134
192.34	8,819	20,636	192.86	8,819	25,222
192.35	8,819	20,725	192.87	8,819	25,311
192.36	8,819	20,813	192.88	8,819	25,399
192.37	8,819	20,901	192.89	8,819	25,487
192.38	8,819	20,989	192.90	8,819	25,575
192.39	8,819	21,077	192.91	8,819	25,663
192.40	8,819	21,166	192.92	8,819	25,751
192.41	8,819	21,254	192.93	8,819	25,840
192.42	8,819	21,342	192.94	8,819	25,928
192.43	8,819	21,430	192.95	8,819	26,016
192.44	8,819	21,518	192.96	8,819	26,104
192.45	8,819	21,607	192.97	8,819	26,192
192.46	8,819	21,695	192.98	8,819	26,281
192.47	8,819	21,783	192.99	8,819	26,369
192.48	8,819	21,871	193.00	8,819	26,457
192.49	8,819	21,959	193.01	8,819	26,545
192.50	8,819	22,048	193.02	8,819	26,633
192.51	8,819	22,136	193.03	8,819	26,722
192.52	8,819	22,224	193.04	8,819	26,810
192.53	8,819	22,312	193.05	8,819	26,898
192.54	8,819	22,400	193.06	8,819	26,986
192.55	8,819	22,488	193.07	8,819	27,074
192.56	8,819	22,577	193.08	8,819	27,163
192.57	8,819	22,665	193.09	8,819	27,251
192.58	8,819	22,753	193.10	8,819	27,339
192.59	8,819	22,841	193.11	8,819	27,427

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.12	8,819	27,515	193.64	8,819	32,101
193.13	8,819	27,603	193.65	8,819	32,189
193.14	8,819	27,692	193.66	8,819	32,278
193.15	8,819	27,780	193.67	8,819	32,366
193.16	8,819	27,868	193.68	8,819	32,454
193.17	8,819	27,956	193.69	8,819	32,542
193.18	8,819	28,044	193.70	8,819	32,630
193.19	8,819	28,133	193.71	8,819	32,718
193.20	8,819	28,221	193.72	8,819	32,807
193.21	8,819	28,309	193.73	8,819	32,895
193.22	8,819	28,397	193.74	8,819	32,983
193.23	8,819	28,485	193.75	8,819	33,071
193.24	8,819	28,574	193.76	8,819	33,159
193.25	8,819	28,662	193.77	8,819	33,248
193.26	8,819	28,750	193.78	8,819	33,336
193.27	8,819	28,838	193.79	8,819	33,424
193.28	8,819	28,926	193.80	8,819	33,512
193.29	8,819	29,015	193.81	8,819	33,600
193.30	8,819	29,103	193.82	8,819	33,689
193.31	8,819	29,191	193.83	8,819	33,777
193.32	8,819	29,279	193.84	8,819	33,865
193.33	8,819	29,367	193.85	8,819	33,953
193.34	8,819	29,455	193.86	8,819	34,041
193.35	8,819	29,544	193.87	8,819	34,130
193.36	8,819	29,632	193.88	8,819	34,218
193.37	8,819	29,720	193.89	8,819	34,306
193.38	8,819	29,808	193.90	8,819	34,394
193.39	8,819	29,896	193.91	8,819	34,482
193.40	8,819	29,985	193.92	8,819	34,570
193.41	8,819	30,073	193.93	8,819	34,659
193.42	8,819	30,161	193.94	8,819	34,747
193.43	8,819	30,249	193.95	8,819	34,835
193.44	8,819	30,337	193.96	8,819	34,923
193.45	8,819	30,426	193.97	8,819	35,011
193.46	8,819	30,514	193.98	8,819	35,100
193.47	8,819	30,602	193.99	8,819	35,188
193.48	8,819	30,690	194.00	8,819	35,276
193.49	8,819	30,778	194.01	8,819	35,364
193.50	8,819	30,867	194.02	8,819	35,452
193.51	8,819	30,955	194.03	8,819	35,541
193.52	8,819	31,043	194.04	8,819	35,629
193.53	8,819	31,131	194.05	8,819	35,717
193.54	8,819	31,219	194.06	8,819	35,805
193.55	8,819	31,307	194.07	8,819	35,893
193.56	8,819	31,396	194.08	8,819	35,982
193.57	8,819	31,484	194.09	8,819	36,070
193.58	8,819	31,572	194.10	8,819	36,158
193.59	8,819	31,660	194.11	8,819	36,246
193.60	8,819	31,748	194.12	8,819	36,334
193.61	8,819	31,837	194.13	8,819	36,422
193.62	8,819	31,925	194.14	8,819	36,511
193.63	8,819	32,013	194.15	8,819	36,599

Stage-Area-Storage for Pond B-35: Basin #35 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.16	8,819	36,687	194.68	8,819	41,273
194.17	8,819	36,775	194.69	8,819	41,361
194.18	8,819	36,863	194.70	8,819	41,449
194.19	8,819	36,952	194.71	8,819	41,537
194.20	8,819	37,040	194.72	8,819	41,626
194.21	8,819	37,128	194.73	8,819	41,714
194.22	8,819	37,216	194.74	8,819	41,802
194.23	8,819	37,304	194.75	8,819	41,890
194.24	8,819	37,393	194.76	8,819	41,978
194.25	8,819	37,481	194.77	8,819	42,067
194.26	8,819	37,569	194.78	8,819	42,155
194.27	8,819	37,657	194.79	8,819	42,243
194.28	8,819	37,745	194.80	8,819	42,331
194.29	8,819	37,834	194.81	8,819	42,419
194.30	8,819	37,922	194.82	8,819	42,508
194.31	8,819	38,010	194.83	8,819	42,596
194.32	8,819	38,098	194.84	8,819	42,684
194.33	8,819	38,186	194.85	8,819	42,772
194.34	8,819	38,274	194.86	8,819	42,860
194.35	8,819	38,363	194.87	8,819	42,949
194.36	8,819	38,451	194.88	8,819	43,037
194.37	8,819	38,539	194.89	8,819	43,125
194.38	8,819	38,627	194.90	8,819	43,213
194.39	8,819	38,715	194.91	8,819	43,301
194.40	8,819	38,804	194.92	8,819	43,389
194.41	8,819	38,892	194.93	8,819	43,478
194.42	8,819	38,980	194.94	8,819	43,566
194.43	8,819	39,068	194.95	8,819	43,654
194.44	8,819	39,156	194.96	8,819	43,742
194.45	8,819	39,245	194.97	8,819	43,830
194.46	8,819	39,333	194.98	8,819	43,919
194.47	8,819	39,421	194.99	8,819	44,007
194.48	8,819	39,509	195.00	8,819	44,095
194.49	8,819	39,597			
194.50	8,819	39,686			
194.51	8,819	39,774			
194.52	8,819	39,862			
194.53	8,819	39,950			
194.54	8,819	40,038			
194.55	8,819	40,126			
194.56	8,819	40,215			
194.57	8,819	40,303			
194.58	8,819	40,391			
194.59	8,819	40,479			
194.60	8,819	40,567			
194.61	8,819	40,656			
194.62	8,819	40,744			
194.63	8,819	40,832			
194.64	8,819	40,920			
194.65	8,819	41,008			
194.66	8,819	41,097			
194.67	8,819	41,185			

Summary for Pond B-36A: Basin #36A

Inflow Area = 2.377 ac, 40.60% Impervious, Inflow Depth = 8.79" for Future 100 yr event
 Inflow = 17.93 cfs @ 12.09 hrs, Volume= 1.740 af
 Outflow = 4.46 cfs @ 12.67 hrs, Volume= 1.681 af, Atten= 75%, Lag= 34.9 min
 Primary = 4.46 cfs @ 12.67 hrs, Volume= 1.681 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.50' @ 12.67 hrs Surf.Area= 6,083 sf Storage= 27,362 cf

Plug-Flow detention time= 138.2 min calculated for 1.681 af (97% of inflow)
 Center-of-Mass det. time= 117.4 min (912.4 - 795.0)

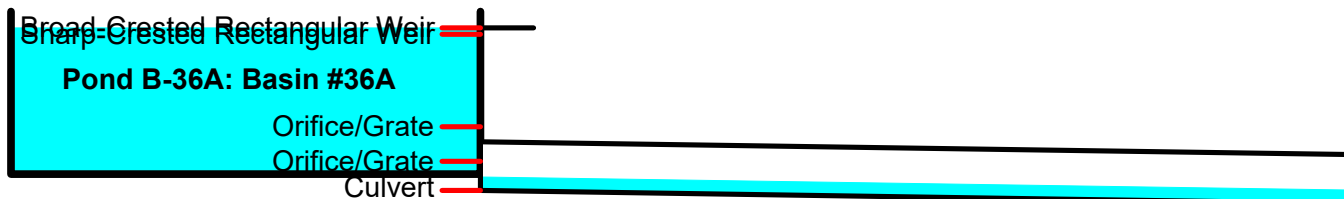
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	30,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	6,083	0	0
192.00	6,083	6,083	6,083
193.00	6,083	6,083	12,166
194.00	6,083	6,083	18,249
195.00	6,083	6,083	24,332
196.00	6,083	6,083	30,415

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.40'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	192.46'	9.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	195.30'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

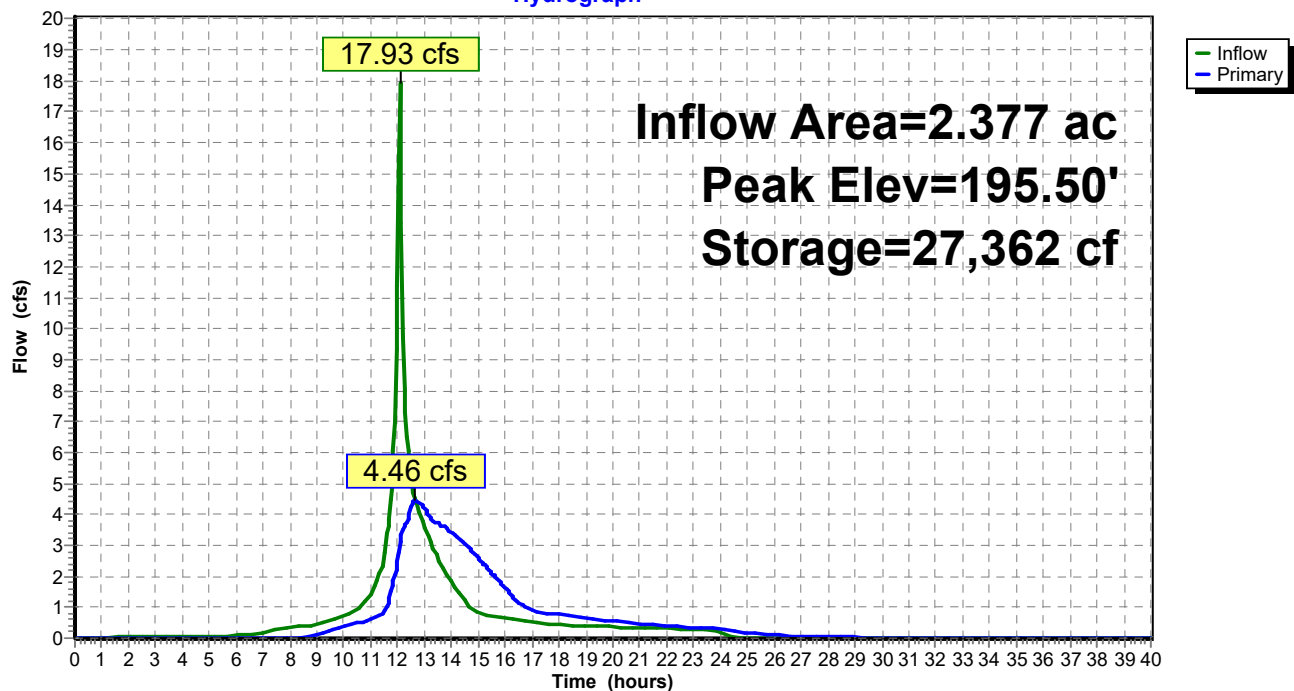
Primary OutFlow Max=4.46 cfs @ 12.67 hrs HW=195.50' (Free Discharge)

1=Culvert (Passes 4.46 cfs of 16.16 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.85 cfs @ 9.44 fps)
 3=Orifice/Grate (Orifice Controls 2.04 cfs @ 8.16 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 0.56 cfs @ 1.45 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-36A: Basin #36A

Hydrograph



Hydrograph for Pond B-36A: Basin #36A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.01	2	191.00	0.00
0.60	0.01	5	191.00	0.00
0.70	0.02	10	191.00	0.00
0.80	0.02	17	191.00	0.00
0.90	0.02	24	191.00	0.00
1.00	0.02	32	191.01	0.00
1.10	0.03	42	191.01	0.00
1.20	0.03	52	191.01	0.00
1.30	0.03	63	191.01	0.00
1.40	0.03	74	191.01	0.00
1.50	0.04	87	191.01	0.00
1.60	0.04	100	191.02	0.00
1.70	0.04	113	191.02	0.00
1.80	0.04	127	191.02	0.00
1.90	0.04	142	191.02	0.00
2.00	0.04	157	191.03	0.00
2.10	0.04	172	191.03	0.00
2.20	0.04	188	191.03	0.00
2.30	0.05	205	191.03	0.00
2.40	0.05	222	191.04	0.00
2.50	0.05	239	191.04	0.00
2.60	0.05	256	191.04	0.00
2.70	0.05	274	191.05	0.00
2.80	0.05	292	191.05	0.00
2.90	0.05	311	191.05	0.00
3.00	0.05	330	191.05	0.00
3.10	0.05	349	191.06	0.00
3.20	0.05	368	191.06	0.00
3.30	0.06	388	191.06	0.00
3.40	0.06	408	191.07	0.00
3.50	0.06	428	191.07	0.00
3.60	0.06	449	191.07	0.00
3.70	0.06	470	191.08	0.00
3.80	0.06	491	191.08	0.00
3.90	0.06	512	191.08	0.00
4.00	0.06	533	191.09	0.00
4.10	0.06	555	191.09	0.00
4.20	0.06	577	191.09	0.00
4.30	0.06	600	191.10	0.00
4.40	0.06	622	191.10	0.00
4.50	0.06	645	191.11	0.00
4.60	0.06	668	191.11	0.00
4.70	0.06	691	191.11	0.00
4.80	0.07	714	191.12	0.00
4.90	0.07	738	191.12	0.00
5.00	0.07	762	191.13	0.00
5.10	0.07	786	191.13	0.00

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	810	191.13	0.00
5.30	0.07	836	191.14	0.00
5.40	0.07	862	191.14	0.00
5.50	0.08	889	191.15	0.00
5.60	0.08	917	191.15	0.00
5.70	0.08	946	191.16	0.00
5.80	0.08	976	191.16	0.00
5.90	0.09	1,006	191.17	0.00
6.00	0.09	1,037	191.17	0.00
6.10	0.09	1,070	191.18	0.00
6.20	0.10	1,104	191.18	0.00
6.30	0.10	1,139	191.19	0.00
6.40	0.10	1,176	191.19	0.00
6.50	0.11	1,214	191.20	0.00
6.60	0.12	1,254	191.21	0.00
6.70	0.13	1,299	191.21	0.00
6.80	0.15	1,349	191.22	0.00
6.90	0.17	1,406	191.23	0.00
7.00	0.19	1,470	191.24	0.00
7.10	0.21	1,542	191.25	0.00
7.20	0.22	1,620	191.27	0.00
7.30	0.24	1,704	191.28	0.00
7.40	0.26	1,794	191.29	0.00
7.50	0.27	1,891	191.31	0.00
7.60	0.29	1,992	191.33	0.00
7.70	0.30	2,098	191.34	0.00
7.80	0.31	2,208	191.36	0.00
7.90	0.32	2,322	191.38	0.00
8.00	0.34	2,441	191.40	0.00
8.10	0.35	2,563	191.42	0.00
8.20	0.36	2,688	191.44	0.01
8.30	0.37	2,816	191.46	0.01
8.40	0.38	2,944	191.48	0.02
8.50	0.39	3,072	191.51	0.03
8.60	0.40	3,200	191.53	0.05
8.70	0.41	3,326	191.55	0.06
8.80	0.42	3,451	191.57	0.08
8.90	0.43	3,572	191.59	0.10
9.00	0.44	3,690	191.61	0.12
9.10	0.46	3,808	191.63	0.14
9.20	0.49	3,925	191.65	0.16
9.30	0.52	4,044	191.66	0.19
9.40	0.54	4,164	191.68	0.21
9.50	0.57	4,284	191.70	0.24
9.60	0.60	4,406	191.72	0.26
9.70	0.63	4,530	191.74	0.29
9.80	0.67	4,655	191.77	0.32
9.90	0.70	4,782	191.79	0.34
10.00	0.73	4,911	191.81	0.37
10.10	0.77	5,042	191.83	0.40
10.20	0.80	5,176	191.85	0.43
10.30	0.84	5,314	191.87	0.45

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.87	5,457	191.90	0.47
10.50	0.91	5,605	191.92	0.49
10.60	1.00	5,769	191.95	0.52
10.70	1.10	5,957	191.98	0.54
10.80	1.21	6,173	192.01	0.57
10.90	1.33	6,420	192.06	0.60
11.00	1.45	6,699	192.10	0.64
11.10	1.63	7,022	192.15	0.67
11.20	1.83	7,399	192.22	0.71
11.30	2.04	7,835	192.29	0.76
11.40	2.25	8,329	192.37	0.80
11.50	2.48	8,882	192.46	0.85
11.60	3.41	9,623	192.58	1.02
11.70	3.84	10,514	192.73	1.32
11.80	5.03	11,578	192.90	1.68
11.90	6.93	13,074	193.15	2.02
12.00	11.35	15,589	193.56	2.47
12.10	17.86	19,990	194.29	3.08
12.20	9.65	23,681	194.89	3.51
12.30	7.31	25,357	195.17	3.69
12.40	6.03	26,378	195.34	3.85
12.50	5.70	27,034	195.44	4.22
12.60	4.70	27,330	195.49	4.44
12.70	4.40	27,358	195.50	4.46
12.80	4.15	27,296	195.49	4.41
12.90	3.89	27,169	195.47	4.31
13.00	3.62	26,988	195.44	4.19
13.10	3.36	26,761	195.40	4.04
13.20	3.15	26,502	195.36	3.90
13.30	2.95	26,215	195.31	3.79
13.40	2.75	25,884	195.26	3.75
13.50	2.55	25,495	195.19	3.71
13.60	2.34	25,048	195.12	3.66
13.70	2.19	24,555	195.04	3.61
13.80	2.06	24,031	194.95	3.55
13.90	1.92	23,478	194.86	3.49
14.00	1.79	22,900	194.76	3.43
14.10	1.66	22,299	194.67	3.36
14.20	1.54	21,678	194.56	3.29
14.30	1.42	21,040	194.46	3.21
14.40	1.31	20,388	194.35	3.13
14.50	1.20	19,725	194.24	3.05
14.60	1.10	19,055	194.13	2.97
14.70	1.00	18,381	194.02	2.88
14.80	0.93	17,710	193.91	2.79
14.90	0.87	17,049	193.80	2.69
15.00	0.82	16,400	193.70	2.60
15.10	0.77	15,769	193.59	2.50
15.20	0.74	15,159	193.49	2.40
15.30	0.72	14,577	193.40	2.30
15.40	0.71	14,022	193.31	2.21
15.50	0.69	13,498	193.22	2.11

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.68	13,003	193.14	2.01
15.70	0.66	12,539	193.06	1.91
15.80	0.65	12,105	192.99	1.81
15.90	0.64	11,704	192.92	1.71
16.00	0.63	11,334	192.86	1.61
16.10	0.62	10,998	192.81	1.51
16.20	0.61	10,698	192.76	1.39
16.30	0.60	10,434	192.72	1.29
16.40	0.59	10,201	192.68	1.20
16.50	0.58	9,991	192.64	1.13
16.60	0.57	9,802	192.61	1.07
16.70	0.56	9,630	192.58	1.02
16.80	0.55	9,471	192.56	0.97
16.90	0.54	9,324	192.53	0.94
17.00	0.53	9,185	192.51	0.91
17.10	0.52	9,054	192.49	0.88
17.20	0.51	8,927	192.47	0.86
17.30	0.50	8,802	192.45	0.84
17.40	0.49	8,679	192.43	0.83
17.50	0.48	8,556	192.41	0.82
17.60	0.47	8,433	192.39	0.81
17.70	0.46	8,311	192.37	0.80
17.80	0.45	8,189	192.35	0.79
17.90	0.44	8,068	192.33	0.78
18.00	0.43	7,947	192.31	0.77
18.10	0.42	7,826	192.29	0.75
18.20	0.42	7,708	192.27	0.74
18.30	0.41	7,591	192.25	0.73
18.40	0.41	7,477	192.23	0.72
18.50	0.40	7,367	192.21	0.71
18.60	0.40	7,258	192.19	0.70
18.70	0.40	7,153	192.18	0.69
18.80	0.39	7,051	192.16	0.67
18.90	0.39	6,952	192.14	0.66
19.00	0.39	6,856	192.13	0.65
19.10	0.39	6,762	192.11	0.64
19.20	0.38	6,671	192.10	0.63
19.30	0.38	6,583	192.08	0.62
19.40	0.38	6,498	192.07	0.61
19.50	0.38	6,416	192.05	0.60
19.60	0.37	6,336	192.04	0.59
19.70	0.37	6,259	192.03	0.58
19.80	0.37	6,185	192.02	0.57
19.90	0.37	6,114	192.01	0.56
20.00	0.36	6,044	191.99	0.55
20.10	0.36	5,977	191.98	0.54
20.20	0.36	5,912	191.97	0.54
20.30	0.36	5,850	191.96	0.53
20.40	0.35	5,789	191.95	0.52
20.50	0.35	5,731	191.94	0.51
20.60	0.35	5,675	191.93	0.50
20.70	0.35	5,621	191.92	0.49

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	5,569	191.92	0.49
20.90	0.34	5,519	191.91	0.48
21.00	0.34	5,470	191.90	0.47
21.10	0.34	5,423	191.89	0.46
21.20	0.33	5,378	191.88	0.46
21.30	0.33	5,334	191.88	0.45
21.40	0.33	5,293	191.87	0.44
21.50	0.33	5,252	191.86	0.44
21.60	0.32	5,213	191.86	0.43
21.70	0.32	5,174	191.85	0.43
21.80	0.32	5,138	191.84	0.42
21.90	0.32	5,104	191.84	0.41
22.00	0.31	5,070	191.83	0.40
22.10	0.31	5,038	191.83	0.40
22.20	0.31	5,008	191.82	0.39
22.30	0.31	4,980	191.82	0.39
22.40	0.30	4,952	191.81	0.38
22.50	0.30	4,925	191.81	0.37
22.60	0.30	4,899	191.81	0.37
22.70	0.30	4,875	191.80	0.36
22.80	0.29	4,851	191.80	0.36
22.90	0.29	4,828	191.79	0.35
23.00	0.29	4,806	191.79	0.35
23.10	0.29	4,785	191.79	0.34
23.20	0.28	4,764	191.78	0.34
23.30	0.28	4,745	191.78	0.34
23.40	0.28	4,726	191.78	0.33
23.50	0.28	4,707	191.77	0.33
23.60	0.27	4,689	191.77	0.32
23.70	0.27	4,672	191.77	0.32
23.80	0.27	4,655	191.77	0.32
23.90	0.27	4,638	191.76	0.31
24.00	0.29	4,629	191.76	0.31
24.10	0.12	4,591	191.75	0.30
24.20	0.08	4,519	191.74	0.29
24.30	0.06	4,444	191.73	0.27
24.40	0.05	4,371	191.72	0.25
24.50	0.04	4,300	191.71	0.24
24.60	0.04	4,231	191.70	0.22
24.70	0.03	4,166	191.68	0.21
24.80	0.03	4,102	191.67	0.20
24.90	0.02	4,042	191.66	0.19
25.00	0.02	3,985	191.66	0.17
25.10	0.02	3,932	191.65	0.16
25.20	0.02	3,881	191.64	0.15
25.30	0.02	3,833	191.63	0.15
25.40	0.01	3,787	191.62	0.14
25.50	0.01	3,744	191.62	0.13
25.60	0.01	3,704	191.61	0.12
25.70	0.01	3,665	191.60	0.11
25.80	0.01	3,629	191.60	0.11
25.90	0.01	3,594	191.59	0.10

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.01	3,560	191.59	0.10
26.10	0.01	3,529	191.58	0.09
26.20	0.01	3,498	191.58	0.09
26.30	0.01	3,469	191.57	0.08
26.40	0.01	3,442	191.57	0.08
26.50	0.00	3,416	191.56	0.08
26.60	0.00	3,391	191.56	0.07
26.70	0.00	3,367	191.55	0.07
26.80	0.00	3,344	191.55	0.07
26.90	0.00	3,322	191.55	0.06
27.00	0.00	3,301	191.54	0.06
27.10	0.00	3,281	191.54	0.06
27.20	0.00	3,262	191.54	0.06
27.30	0.00	3,243	191.53	0.05
27.40	0.00	3,225	191.53	0.05
27.50	0.00	3,207	191.53	0.05
27.60	0.00	3,191	191.52	0.05
27.70	0.00	3,174	191.52	0.05
27.80	0.00	3,159	191.52	0.04
27.90	0.00	3,144	191.52	0.04
28.00	0.00	3,130	191.51	0.04
28.10	0.00	3,116	191.51	0.04
28.20	0.00	3,102	191.51	0.04
28.30	0.00	3,090	191.51	0.04
28.40	0.00	3,077	191.51	0.03
28.50	0.00	3,066	191.50	0.03
28.60	0.00	3,054	191.50	0.03
28.70	0.00	3,043	191.50	0.03
28.80	0.00	3,033	191.50	0.03
28.90	0.00	3,022	191.50	0.03
29.00	0.00	3,012	191.50	0.03
29.10	0.00	3,003	191.49	0.03
29.20	0.00	2,993	191.49	0.03
29.30	0.00	2,984	191.49	0.03
29.40	0.00	2,975	191.49	0.03
29.50	0.00	2,966	191.49	0.02
29.60	0.00	2,957	191.49	0.02
29.70	0.00	2,949	191.48	0.02
29.80	0.00	2,941	191.48	0.02
29.90	0.00	2,933	191.48	0.02
30.00	0.00	2,925	191.48	0.02
30.10	0.00	2,917	191.48	0.02
30.20	0.00	2,910	191.48	0.02
30.30	0.00	2,903	191.48	0.02
30.40	0.00	2,896	191.48	0.02
30.50	0.00	2,889	191.47	0.02
30.60	0.00	2,882	191.47	0.02
30.70	0.00	2,876	191.47	0.02
30.80	0.00	2,869	191.47	0.02
30.90	0.00	2,863	191.47	0.02
31.00	0.00	2,857	191.47	0.02
31.10	0.00	2,851	191.47	0.02

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,845	191.47	0.02
31.30	0.00	2,840	191.47	0.02
31.40	0.00	2,834	191.47	0.01
31.50	0.00	2,829	191.47	0.01
31.60	0.00	2,824	191.46	0.01
31.70	0.00	2,819	191.46	0.01
31.80	0.00	2,814	191.46	0.01
31.90	0.00	2,809	191.46	0.01
32.00	0.00	2,805	191.46	0.01
32.10	0.00	2,800	191.46	0.01
32.20	0.00	2,796	191.46	0.01
32.30	0.00	2,792	191.46	0.01
32.40	0.00	2,787	191.46	0.01
32.50	0.00	2,783	191.46	0.01
32.60	0.00	2,779	191.46	0.01
32.70	0.00	2,775	191.46	0.01
32.80	0.00	2,772	191.46	0.01
32.90	0.00	2,768	191.46	0.01
33.00	0.00	2,765	191.45	0.01
33.10	0.00	2,761	191.45	0.01
33.20	0.00	2,758	191.45	0.01
33.30	0.00	2,754	191.45	0.01
33.40	0.00	2,751	191.45	0.01
33.50	0.00	2,748	191.45	0.01
33.60	0.00	2,745	191.45	0.01
33.70	0.00	2,742	191.45	0.01
33.80	0.00	2,739	191.45	0.01
33.90	0.00	2,736	191.45	0.01
34.00	0.00	2,734	191.45	0.01
34.10	0.00	2,731	191.45	0.01
34.20	0.00	2,728	191.45	0.01
34.30	0.00	2,725	191.45	0.01
34.40	0.00	2,723	191.45	0.01
34.50	0.00	2,720	191.45	0.01
34.60	0.00	2,717	191.45	0.01
34.70	0.00	2,715	191.45	0.01
34.80	0.00	2,712	191.45	0.01
34.90	0.00	2,710	191.45	0.01
35.00	0.00	2,707	191.45	0.01
35.10	0.00	2,705	191.44	0.01
35.20	0.00	2,702	191.44	0.01
35.30	0.00	2,700	191.44	0.01
35.40	0.00	2,697	191.44	0.01
35.50	0.00	2,695	191.44	0.01
35.60	0.00	2,692	191.44	0.01
35.70	0.00	2,690	191.44	0.01
35.80	0.00	2,688	191.44	0.01
35.90	0.00	2,685	191.44	0.01
36.00	0.00	2,683	191.44	0.01
36.10	0.00	2,681	191.44	0.01
36.20	0.00	2,678	191.44	0.01
36.30	0.00	2,676	191.44	0.01

Hydrograph for Pond B-36A: Basin #36A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,674	191.44	0.01
36.50	0.00	2,672	191.44	0.01
36.60	0.00	2,670	191.44	0.01
36.70	0.00	2,667	191.44	0.01
36.80	0.00	2,665	191.44	0.01
36.90	0.00	2,663	191.44	0.01
37.00	0.00	2,661	191.44	0.01
37.10	0.00	2,659	191.44	0.01
37.20	0.00	2,657	191.44	0.01
37.30	0.00	2,655	191.44	0.01
37.40	0.00	2,653	191.44	0.01
37.50	0.00	2,651	191.44	0.01
37.60	0.00	2,649	191.44	0.01
37.70	0.00	2,647	191.44	0.01
37.80	0.00	2,645	191.43	0.01
37.90	0.00	2,643	191.43	0.01
38.00	0.00	2,641	191.43	0.01
38.10	0.00	2,639	191.43	0.01
38.20	0.00	2,637	191.43	0.01
38.30	0.00	2,635	191.43	0.01
38.40	0.00	2,634	191.43	0.01
38.50	0.00	2,632	191.43	0.01
38.60	0.00	2,630	191.43	0.01
38.70	0.00	2,628	191.43	0.00
38.80	0.00	2,626	191.43	0.00
38.90	0.00	2,624	191.43	0.00
39.00	0.00	2,623	191.43	0.00
39.10	0.00	2,621	191.43	0.00
39.20	0.00	2,619	191.43	0.00
39.30	0.00	2,618	191.43	0.00
39.40	0.00	2,616	191.43	0.00
39.50	0.00	2,614	191.43	0.00
39.60	0.00	2,613	191.43	0.00
39.70	0.00	2,611	191.43	0.00
39.80	0.00	2,609	191.43	0.00
39.90	0.00	2,608	191.43	0.00
40.00	0.00	2,606	191.43	0.00

Stage-Discharge for Pond B-36A: Basin #36A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.04	192.04	0.59	192.56	0.98
191.01	0.00	191.53	0.05	192.05	0.60	192.57	0.99
191.02	0.00	191.54	0.06	192.06	0.61	192.58	1.01
191.03	0.00	191.55	0.07	192.07	0.61	192.59	1.03
191.04	0.00	191.56	0.07	192.08	0.62	192.60	1.05
191.05	0.00	191.57	0.08	192.09	0.63	192.61	1.07
191.06	0.00	191.58	0.09	192.10	0.63	192.62	1.09
191.07	0.00	191.59	0.10	192.11	0.64	192.63	1.10
191.08	0.00	191.60	0.11	192.12	0.65	192.64	1.12
191.09	0.00	191.61	0.12	192.13	0.66	192.65	1.14
191.10	0.00	191.62	0.13	192.14	0.66	192.66	1.17
191.11	0.00	191.63	0.14	192.15	0.67	192.67	1.19
191.12	0.00	191.64	0.16	192.16	0.68	192.68	1.21
191.13	0.00	191.65	0.17	192.17	0.68	192.69	1.23
191.14	0.00	191.66	0.18	192.18	0.69	192.70	1.25
191.15	0.00	191.67	0.19	192.19	0.69	192.71	1.27
191.16	0.00	191.68	0.20	192.20	0.70	192.72	1.30
191.17	0.00	191.69	0.22	192.21	0.71	192.73	1.32
191.18	0.00	191.70	0.23	192.22	0.71	192.74	1.34
191.19	0.00	191.71	0.24	192.23	0.72	192.75	1.37
191.20	0.00	191.72	0.26	192.24	0.73	192.76	1.39
191.21	0.00	191.73	0.27	192.25	0.73	192.77	1.42
191.22	0.00	191.74	0.28	192.26	0.74	192.78	1.44
191.23	0.00	191.75	0.30	192.27	0.74	192.79	1.47
191.24	0.00	191.76	0.31	192.28	0.75	192.80	1.49
191.25	0.00	191.77	0.32	192.29	0.76	192.81	1.51
191.26	0.00	191.78	0.34	192.30	0.76	192.82	1.53
191.27	0.00	191.79	0.35	192.31	0.77	192.83	1.55
191.28	0.00	191.80	0.36	192.32	0.77	192.84	1.57
191.29	0.00	191.81	0.38	192.33	0.78	192.85	1.59
191.30	0.00	191.82	0.39	192.34	0.79	192.86	1.61
191.31	0.00	191.83	0.40	192.35	0.79	192.87	1.63
191.32	0.00	191.84	0.41	192.36	0.80	192.88	1.64
191.33	0.00	191.85	0.43	192.37	0.80	192.89	1.66
191.34	0.00	191.86	0.44	192.38	0.81	192.90	1.68
191.35	0.00	191.87	0.45	192.39	0.81	192.91	1.69
191.36	0.00	191.88	0.46	192.40	0.82	192.92	1.71
191.37	0.00	191.89	0.47	192.41	0.82	192.93	1.72
191.38	0.00	191.90	0.47	192.42	0.83	192.94	1.74
191.39	0.00	191.91	0.48	192.43	0.83	192.95	1.75
191.40	0.00	191.92	0.49	192.44	0.84	192.96	1.77
191.41	0.00	191.93	0.50	192.45	0.85	192.97	1.78
191.42	0.00	191.94	0.51	192.46	0.85	192.98	1.80
191.43	0.00	191.95	0.52	192.47	0.86	192.99	1.81
191.44	0.01	191.96	0.53	192.48	0.87	193.00	1.83
191.45	0.01	191.97	0.53	192.49	0.88	193.01	1.84
191.46	0.01	191.98	0.54	192.50	0.89	193.02	1.86
191.47	0.02	191.99	0.55	192.51	0.90	193.03	1.87
191.48	0.02	192.00	0.56	192.52	0.92	193.04	1.88
191.49	0.02	192.01	0.57	192.53	0.93	193.05	1.90
191.50	0.03	192.02	0.58	192.54	0.95	193.06	1.91
191.51	0.04	192.03	0.58	192.55	0.96	193.07	1.92

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	1.94	193.60	2.51	194.12	2.96	194.64	3.34
193.09	1.95	193.61	2.52	194.13	2.96	194.65	3.35
193.10	1.96	193.62	2.53	194.14	2.97	194.66	3.36
193.11	1.97	193.63	2.53	194.15	2.98	194.67	3.36
193.12	1.99	193.64	2.54	194.16	2.99	194.68	3.37
193.13	2.00	193.65	2.55	194.17	3.00	194.69	3.38
193.14	2.01	193.66	2.56	194.18	3.00	194.70	3.38
193.15	2.02	193.67	2.57	194.19	3.01	194.71	3.39
193.16	2.04	193.68	2.58	194.20	3.02	194.72	3.40
193.17	2.05	193.69	2.59	194.21	3.03	194.73	3.40
193.18	2.06	193.70	2.60	194.22	3.03	194.74	3.41
193.19	2.07	193.71	2.61	194.23	3.04	194.75	3.42
193.20	2.09	193.72	2.62	194.24	3.05	194.76	3.42
193.21	2.10	193.73	2.63	194.25	3.06	194.77	3.43
193.22	2.11	193.74	2.64	194.26	3.07	194.78	3.44
193.23	2.12	193.75	2.64	194.27	3.07	194.79	3.45
193.24	2.13	193.76	2.65	194.28	3.08	194.80	3.45
193.25	2.14	193.77	2.66	194.29	3.09	194.81	3.46
193.26	2.15	193.78	2.67	194.30	3.10	194.82	3.47
193.27	2.17	193.79	2.68	194.31	3.10	194.83	3.47
193.28	2.18	193.80	2.69	194.32	3.11	194.84	3.48
193.29	2.19	193.81	2.70	194.33	3.12	194.85	3.49
193.30	2.20	193.82	2.71	194.34	3.13	194.86	3.49
193.31	2.21	193.83	2.72	194.35	3.13	194.87	3.50
193.32	2.22	193.84	2.72	194.36	3.14	194.88	3.51
193.33	2.23	193.85	2.73	194.37	3.15	194.89	3.51
193.34	2.24	193.86	2.74	194.38	3.16	194.90	3.52
193.35	2.25	193.87	2.75	194.39	3.16	194.91	3.53
193.36	2.26	193.88	2.76	194.40	3.17	194.92	3.53
193.37	2.28	193.89	2.77	194.41	3.18	194.93	3.54
193.38	2.29	193.90	2.78	194.42	3.18	194.94	3.55
193.39	2.30	193.91	2.78	194.43	3.19	194.95	3.55
193.40	2.31	193.92	2.79	194.44	3.20	194.96	3.56
193.41	2.32	193.93	2.80	194.45	3.21	194.97	3.56
193.42	2.33	193.94	2.81	194.46	3.21	194.98	3.57
193.43	2.34	193.95	2.82	194.47	3.22	194.99	3.58
193.44	2.35	193.96	2.83	194.48	3.23	195.00	3.58
193.45	2.36	193.97	2.83	194.49	3.24	195.01	3.59
193.46	2.37	193.98	2.84	194.50	3.24	195.02	3.60
193.47	2.38	193.99	2.85	194.51	3.25	195.03	3.60
193.48	2.39	194.00	2.86	194.52	3.26	195.04	3.61
193.49	2.40	194.01	2.87	194.53	3.26	195.05	3.62
193.50	2.41	194.02	2.88	194.54	3.27	195.06	3.62
193.51	2.42	194.03	2.88	194.55	3.28	195.07	3.63
193.52	2.43	194.04	2.89	194.56	3.29	195.08	3.64
193.53	2.44	194.05	2.90	194.57	3.29	195.09	3.64
193.54	2.45	194.06	2.91	194.58	3.30	195.10	3.65
193.55	2.46	194.07	2.92	194.59	3.31	195.11	3.66
193.56	2.47	194.08	2.92	194.60	3.31	195.12	3.66
193.57	2.48	194.09	2.93	194.61	3.32	195.13	3.67
193.58	2.49	194.10	2.94	194.62	3.33	195.14	3.67
193.59	2.50	194.11	2.95	194.63	3.34	195.15	3.68

Stage-Discharge for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.16	3.69	195.68	14.49
195.17	3.69	195.69	15.32
195.18	3.70	195.70	16.17
195.19	3.71	195.71	17.08
195.20	3.71	195.72	18.01
195.21	3.72	195.73	18.98
195.22	3.72	195.74	19.97
195.23	3.73	195.75	20.98
195.24	3.74	195.76	22.02
195.25	3.74	195.77	23.09
195.26	3.75	195.78	24.18
195.27	3.76	195.79	25.29
195.28	3.76	195.80	26.44
195.29	3.77	195.81	27.60
195.30	3.77	195.82	28.79
195.31	3.79	195.83	30.01
195.32	3.80	195.84	31.25
195.33	3.83	195.85	32.52
195.34	3.85	195.86	33.81
195.35	3.88	195.87	35.12
195.36	3.91	195.88	36.46
195.37	3.94	195.89	37.83
195.38	3.97	195.90	39.21
195.39	4.00	195.91	40.65
195.40	4.04	195.92	42.12
195.41	4.08	195.93	43.61
195.42	4.12	195.94	45.13
195.43	4.16	195.95	46.68
195.44	4.20	195.96	48.25
195.45	4.24	195.97	49.85
195.46	4.28	195.98	51.48
195.47	4.33	195.99	53.13
195.48	4.37	196.00	54.81
195.49	4.42		
195.50	4.47		
195.51	4.63		
195.52	4.90		
195.53	5.23		
195.54	5.61		
195.55	6.03		
195.56	6.50		
195.57	7.00		
195.58	7.54		
195.59	8.11		
195.60	8.71		
195.61	9.35		
195.62	10.00		
195.63	10.69		
195.64	11.40		
195.65	12.14		
195.66	12.90		
195.67	13.68		

Stage-Area-Storage for Pond B-36A: Basin #36A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	6,083	0	191.52	6,083	3,163
191.01	6,083	61	191.53	6,083	3,224
191.02	6,083	122	191.54	6,083	3,285
191.03	6,083	182	191.55	6,083	3,346
191.04	6,083	243	191.56	6,083	3,406
191.05	6,083	304	191.57	6,083	3,467
191.06	6,083	365	191.58	6,083	3,528
191.07	6,083	426	191.59	6,083	3,589
191.08	6,083	487	191.60	6,083	3,650
191.09	6,083	547	191.61	6,083	3,711
191.10	6,083	608	191.62	6,083	3,771
191.11	6,083	669	191.63	6,083	3,832
191.12	6,083	730	191.64	6,083	3,893
191.13	6,083	791	191.65	6,083	3,954
191.14	6,083	852	191.66	6,083	4,015
191.15	6,083	912	191.67	6,083	4,076
191.16	6,083	973	191.68	6,083	4,136
191.17	6,083	1,034	191.69	6,083	4,197
191.18	6,083	1,095	191.70	6,083	4,258
191.19	6,083	1,156	191.71	6,083	4,319
191.20	6,083	1,217	191.72	6,083	4,380
191.21	6,083	1,277	191.73	6,083	4,441
191.22	6,083	1,338	191.74	6,083	4,501
191.23	6,083	1,399	191.75	6,083	4,562
191.24	6,083	1,460	191.76	6,083	4,623
191.25	6,083	1,521	191.77	6,083	4,684
191.26	6,083	1,582	191.78	6,083	4,745
191.27	6,083	1,642	191.79	6,083	4,806
191.28	6,083	1,703	191.80	6,083	4,866
191.29	6,083	1,764	191.81	6,083	4,927
191.30	6,083	1,825	191.82	6,083	4,988
191.31	6,083	1,886	191.83	6,083	5,049
191.32	6,083	1,947	191.84	6,083	5,110
191.33	6,083	2,007	191.85	6,083	5,171
191.34	6,083	2,068	191.86	6,083	5,231
191.35	6,083	2,129	191.87	6,083	5,292
191.36	6,083	2,190	191.88	6,083	5,353
191.37	6,083	2,251	191.89	6,083	5,414
191.38	6,083	2,312	191.90	6,083	5,475
191.39	6,083	2,372	191.91	6,083	5,536
191.40	6,083	2,433	191.92	6,083	5,596
191.41	6,083	2,494	191.93	6,083	5,657
191.42	6,083	2,555	191.94	6,083	5,718
191.43	6,083	2,616	191.95	6,083	5,779
191.44	6,083	2,677	191.96	6,083	5,840
191.45	6,083	2,737	191.97	6,083	5,901
191.46	6,083	2,798	191.98	6,083	5,961
191.47	6,083	2,859	191.99	6,083	6,022
191.48	6,083	2,920	192.00	6,083	6,083
191.49	6,083	2,981	192.01	6,083	6,144
191.50	6,083	3,042	192.02	6,083	6,205
191.51	6,083	3,102	192.03	6,083	6,265

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	6,083	6,326	192.56	6,083	9,489
192.05	6,083	6,387	192.57	6,083	9,550
192.06	6,083	6,448	192.58	6,083	9,611
192.07	6,083	6,509	192.59	6,083	9,672
192.08	6,083	6,570	192.60	6,083	9,733
192.09	6,083	6,630	192.61	6,083	9,794
192.10	6,083	6,691	192.62	6,083	9,854
192.11	6,083	6,752	192.63	6,083	9,915
192.12	6,083	6,813	192.64	6,083	9,976
192.13	6,083	6,874	192.65	6,083	10,037
192.14	6,083	6,935	192.66	6,083	10,098
192.15	6,083	6,995	192.67	6,083	10,159
192.16	6,083	7,056	192.68	6,083	10,219
192.17	6,083	7,117	192.69	6,083	10,280
192.18	6,083	7,178	192.70	6,083	10,341
192.19	6,083	7,239	192.71	6,083	10,402
192.20	6,083	7,300	192.72	6,083	10,463
192.21	6,083	7,360	192.73	6,083	10,524
192.22	6,083	7,421	192.74	6,083	10,584
192.23	6,083	7,482	192.75	6,083	10,645
192.24	6,083	7,543	192.76	6,083	10,706
192.25	6,083	7,604	192.77	6,083	10,767
192.26	6,083	7,665	192.78	6,083	10,828
192.27	6,083	7,725	192.79	6,083	10,889
192.28	6,083	7,786	192.80	6,083	10,949
192.29	6,083	7,847	192.81	6,083	11,010
192.30	6,083	7,908	192.82	6,083	11,071
192.31	6,083	7,969	192.83	6,083	11,132
192.32	6,083	8,030	192.84	6,083	11,193
192.33	6,083	8,090	192.85	6,083	11,254
192.34	6,083	8,151	192.86	6,083	11,314
192.35	6,083	8,212	192.87	6,083	11,375
192.36	6,083	8,273	192.88	6,083	11,436
192.37	6,083	8,334	192.89	6,083	11,497
192.38	6,083	8,395	192.90	6,083	11,558
192.39	6,083	8,455	192.91	6,083	11,619
192.40	6,083	8,516	192.92	6,083	11,679
192.41	6,083	8,577	192.93	6,083	11,740
192.42	6,083	8,638	192.94	6,083	11,801
192.43	6,083	8,699	192.95	6,083	11,862
192.44	6,083	8,760	192.96	6,083	11,923
192.45	6,083	8,820	192.97	6,083	11,984
192.46	6,083	8,881	192.98	6,083	12,044
192.47	6,083	8,942	192.99	6,083	12,105
192.48	6,083	9,003	193.00	6,083	12,166
192.49	6,083	9,064	193.01	6,083	12,227
192.50	6,083	9,125	193.02	6,083	12,288
192.51	6,083	9,185	193.03	6,083	12,348
192.52	6,083	9,246	193.04	6,083	12,409
192.53	6,083	9,307	193.05	6,083	12,470
192.54	6,083	9,368	193.06	6,083	12,531
192.55	6,083	9,429	193.07	6,083	12,592

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	6,083	12,653	193.60	6,083	15,816
193.09	6,083	12,713	193.61	6,083	15,877
193.10	6,083	12,774	193.62	6,083	15,937
193.11	6,083	12,835	193.63	6,083	15,998
193.12	6,083	12,896	193.64	6,083	16,059
193.13	6,083	12,957	193.65	6,083	16,120
193.14	6,083	13,018	193.66	6,083	16,181
193.15	6,083	13,078	193.67	6,083	16,242
193.16	6,083	13,139	193.68	6,083	16,302
193.17	6,083	13,200	193.69	6,083	16,363
193.18	6,083	13,261	193.70	6,083	16,424
193.19	6,083	13,322	193.71	6,083	16,485
193.20	6,083	13,383	193.72	6,083	16,546
193.21	6,083	13,443	193.73	6,083	16,607
193.22	6,083	13,504	193.74	6,083	16,667
193.23	6,083	13,565	193.75	6,083	16,728
193.24	6,083	13,626	193.76	6,083	16,789
193.25	6,083	13,687	193.77	6,083	16,850
193.26	6,083	13,748	193.78	6,083	16,911
193.27	6,083	13,808	193.79	6,083	16,972
193.28	6,083	13,869	193.80	6,083	17,032
193.29	6,083	13,930	193.81	6,083	17,093
193.30	6,083	13,991	193.82	6,083	17,154
193.31	6,083	14,052	193.83	6,083	17,215
193.32	6,083	14,113	193.84	6,083	17,276
193.33	6,083	14,173	193.85	6,083	17,337
193.34	6,083	14,234	193.86	6,083	17,397
193.35	6,083	14,295	193.87	6,083	17,458
193.36	6,083	14,356	193.88	6,083	17,519
193.37	6,083	14,417	193.89	6,083	17,580
193.38	6,083	14,478	193.90	6,083	17,641
193.39	6,083	14,538	193.91	6,083	17,702
193.40	6,083	14,599	193.92	6,083	17,762
193.41	6,083	14,660	193.93	6,083	17,823
193.42	6,083	14,721	193.94	6,083	17,884
193.43	6,083	14,782	193.95	6,083	17,945
193.44	6,083	14,843	193.96	6,083	18,006
193.45	6,083	14,903	193.97	6,083	18,067
193.46	6,083	14,964	193.98	6,083	18,127
193.47	6,083	15,025	193.99	6,083	18,188
193.48	6,083	15,086	194.00	6,083	18,249
193.49	6,083	15,147	194.01	6,083	18,310
193.50	6,083	15,208	194.02	6,083	18,371
193.51	6,083	15,268	194.03	6,083	18,431
193.52	6,083	15,329	194.04	6,083	18,492
193.53	6,083	15,390	194.05	6,083	18,553
193.54	6,083	15,451	194.06	6,083	18,614
193.55	6,083	15,512	194.07	6,083	18,675
193.56	6,083	15,572	194.08	6,083	18,736
193.57	6,083	15,633	194.09	6,083	18,796
193.58	6,083	15,694	194.10	6,083	18,857
193.59	6,083	15,755	194.11	6,083	18,918

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	6,083	18,979	194.64	6,083	22,142
194.13	6,083	19,040	194.65	6,083	22,203
194.14	6,083	19,101	194.66	6,083	22,264
194.15	6,083	19,161	194.67	6,083	22,325
194.16	6,083	19,222	194.68	6,083	22,385
194.17	6,083	19,283	194.69	6,083	22,446
194.18	6,083	19,344	194.70	6,083	22,507
194.19	6,083	19,405	194.71	6,083	22,568
194.20	6,083	19,466	194.72	6,083	22,629
194.21	6,083	19,526	194.73	6,083	22,690
194.22	6,083	19,587	194.74	6,083	22,750
194.23	6,083	19,648	194.75	6,083	22,811
194.24	6,083	19,709	194.76	6,083	22,872
194.25	6,083	19,770	194.77	6,083	22,933
194.26	6,083	19,831	194.78	6,083	22,994
194.27	6,083	19,891	194.79	6,083	23,055
194.28	6,083	19,952	194.80	6,083	23,115
194.29	6,083	20,013	194.81	6,083	23,176
194.30	6,083	20,074	194.82	6,083	23,237
194.31	6,083	20,135	194.83	6,083	23,298
194.32	6,083	20,196	194.84	6,083	23,359
194.33	6,083	20,256	194.85	6,083	23,420
194.34	6,083	20,317	194.86	6,083	23,480
194.35	6,083	20,378	194.87	6,083	23,541
194.36	6,083	20,439	194.88	6,083	23,602
194.37	6,083	20,500	194.89	6,083	23,663
194.38	6,083	20,561	194.90	6,083	23,724
194.39	6,083	20,621	194.91	6,083	23,785
194.40	6,083	20,682	194.92	6,083	23,845
194.41	6,083	20,743	194.93	6,083	23,906
194.42	6,083	20,804	194.94	6,083	23,967
194.43	6,083	20,865	194.95	6,083	24,028
194.44	6,083	20,926	194.96	6,083	24,089
194.45	6,083	20,986	194.97	6,083	24,150
194.46	6,083	21,047	194.98	6,083	24,210
194.47	6,083	21,108	194.99	6,083	24,271
194.48	6,083	21,169	195.00	6,083	24,332
194.49	6,083	21,230	195.01	6,083	24,393
194.50	6,083	21,291	195.02	6,083	24,454
194.51	6,083	21,351	195.03	6,083	24,514
194.52	6,083	21,412	195.04	6,083	24,575
194.53	6,083	21,473	195.05	6,083	24,636
194.54	6,083	21,534	195.06	6,083	24,697
194.55	6,083	21,595	195.07	6,083	24,758
194.56	6,083	21,655	195.08	6,083	24,819
194.57	6,083	21,716	195.09	6,083	24,879
194.58	6,083	21,777	195.10	6,083	24,940
194.59	6,083	21,838	195.11	6,083	25,001
194.60	6,083	21,899	195.12	6,083	25,062
194.61	6,083	21,960	195.13	6,083	25,123
194.62	6,083	22,020	195.14	6,083	25,184
194.63	6,083	22,081	195.15	6,083	25,244

Stage-Area-Storage for Pond B-36A: Basin #36A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	6,083	25,305	195.68	6,083	28,468
195.17	6,083	25,366	195.69	6,083	28,529
195.18	6,083	25,427	195.70	6,083	28,590
195.19	6,083	25,488	195.71	6,083	28,651
195.20	6,083	25,549	195.72	6,083	28,712
195.21	6,083	25,609	195.73	6,083	28,773
195.22	6,083	25,670	195.74	6,083	28,833
195.23	6,083	25,731	195.75	6,083	28,894
195.24	6,083	25,792	195.76	6,083	28,955
195.25	6,083	25,853	195.77	6,083	29,016
195.26	6,083	25,914	195.78	6,083	29,077
195.27	6,083	25,974	195.79	6,083	29,138
195.28	6,083	26,035	195.80	6,083	29,198
195.29	6,083	26,096	195.81	6,083	29,259
195.30	6,083	26,157	195.82	6,083	29,320
195.31	6,083	26,218	195.83	6,083	29,381
195.32	6,083	26,279	195.84	6,083	29,442
195.33	6,083	26,339	195.85	6,083	29,503
195.34	6,083	26,400	195.86	6,083	29,563
195.35	6,083	26,461	195.87	6,083	29,624
195.36	6,083	26,522	195.88	6,083	29,685
195.37	6,083	26,583	195.89	6,083	29,746
195.38	6,083	26,644	195.90	6,083	29,807
195.39	6,083	26,704	195.91	6,083	29,868
195.40	6,083	26,765	195.92	6,083	29,928
195.41	6,083	26,826	195.93	6,083	29,989
195.42	6,083	26,887	195.94	6,083	30,050
195.43	6,083	26,948	195.95	6,083	30,111
195.44	6,083	27,009	195.96	6,083	30,172
195.45	6,083	27,069	195.97	6,083	30,233
195.46	6,083	27,130	195.98	6,083	30,293
195.47	6,083	27,191	195.99	6,083	30,354
195.48	6,083	27,252	196.00	6,083	30,415
195.49	6,083	27,313			
195.50	6,083	27,374			
195.51	6,083	27,434			
195.52	6,083	27,495			
195.53	6,083	27,556			
195.54	6,083	27,617			
195.55	6,083	27,678			
195.56	6,083	27,738			
195.57	6,083	27,799			
195.58	6,083	27,860			
195.59	6,083	27,921			
195.60	6,083	27,982			
195.61	6,083	28,043			
195.62	6,083	28,103			
195.63	6,083	28,164			
195.64	6,083	28,225			
195.65	6,083	28,286			
195.66	6,083	28,347			
195.67	6,083	28,408			

Summary for Pond B-36B: Basin #36B

Inflow Area = 2.469 ac, 46.54% Impervious, Inflow Depth = 9.15" for Future 100 yr event
 Inflow = 28.36 cfs @ 12.09 hrs, Volume= 1.883 af
 Outflow = 15.71 cfs @ 12.17 hrs, Volume= 1.773 af, Atten= 45%, Lag= 4.8 min
 Primary = 15.71 cfs @ 12.17 hrs, Volume= 1.773 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 195.46' @ 12.17 hrs Surf.Area= 5,527 sf Storage= 24,674 cf

Plug-Flow detention time= 126.1 min calculated for 1.771 af (94% of inflow)
 Center-of-Mass det. time= 93.6 min (859.7 - 766.1)

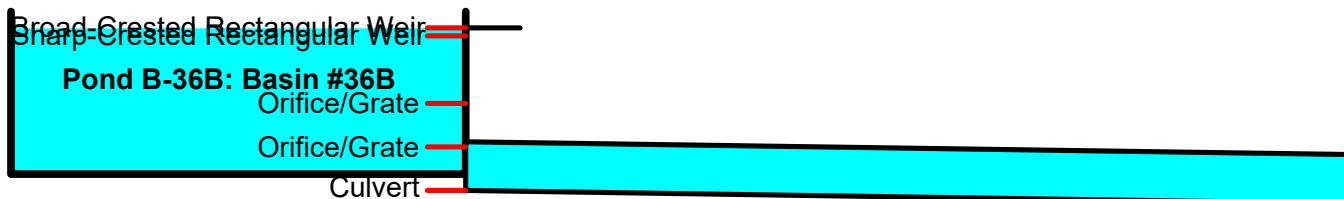
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	27,635 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	5,527	0	0
192.00	5,527	5,527	5,527
193.00	5,527	5,527	11,054
194.00	5,527	5,527	16,581
195.00	5,527	5,527	22,108
196.00	5,527	5,527	27,635

Device	Routing	Invert	Outlet Devices
#1	Primary	190.50'	18.0" Round Culvert L= 82.0' Ke= 0.500 Inlet / Outlet Invert= 190.50' / 190.10' S= 0.0049 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.84'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.18'	24.0" W x 12.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	195.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	195.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

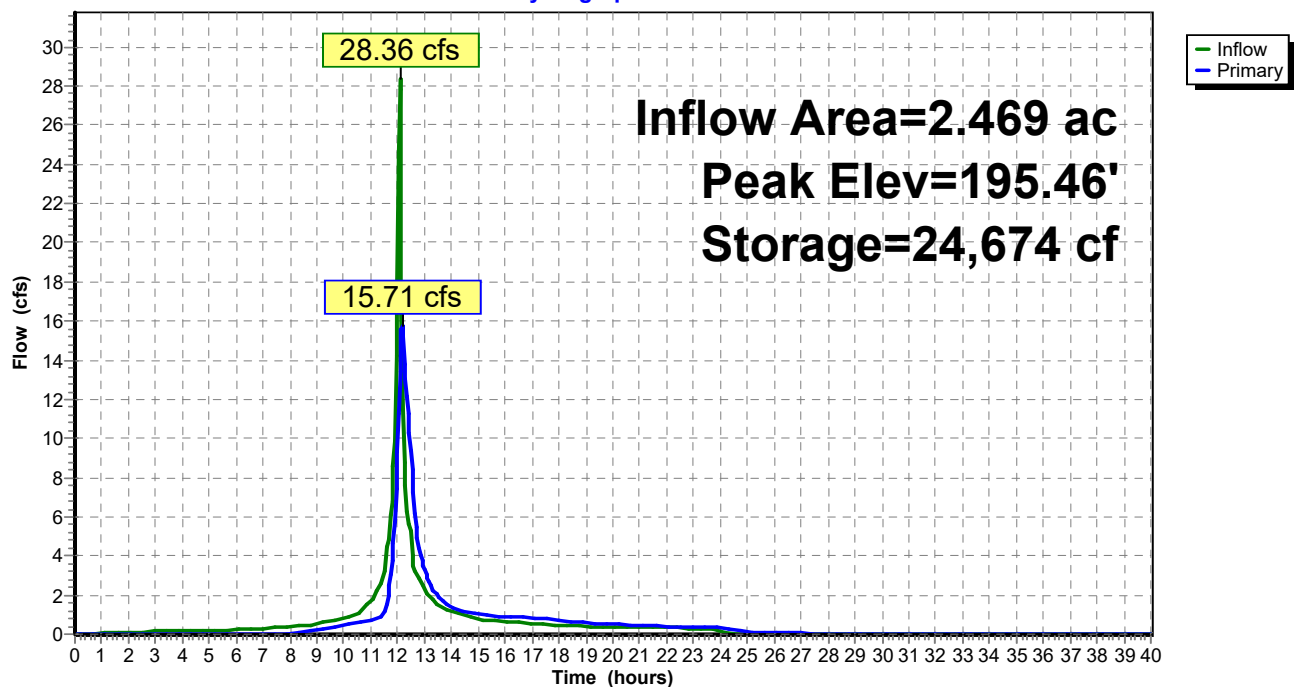
Primary OutFlow Max=15.42 cfs @ 12.17 hrs HW=195.43' (Free Discharge)

1=Culvert (Passes 15.42 cfs of 16.03 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.73 cfs @ 8.80 fps)
 3=Orifice/Grate (Orifice Controls 12.70 cfs @ 6.35 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 0.99 cfs @ 1.39 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-36B: Basin #36B

Hydrograph



Hydrograph for Pond B-36B: Basin #36B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.01	3	191.00	0.00
0.60	0.03	11	191.00	0.00
0.70	0.04	23	191.00	0.00
0.80	0.05	38	191.01	0.00
0.90	0.06	57	191.01	0.00
1.00	0.06	79	191.01	0.00
1.10	0.07	103	191.02	0.00
1.20	0.08	130	191.02	0.00
1.30	0.08	159	191.03	0.00
1.40	0.09	191	191.03	0.00
1.50	0.10	224	191.04	0.00
1.60	0.10	259	191.05	0.00
1.70	0.10	295	191.05	0.00
1.80	0.11	333	191.06	0.00
1.90	0.11	373	191.07	0.00
2.00	0.12	414	191.07	0.00
2.10	0.12	456	191.08	0.00
2.20	0.12	499	191.09	0.00
2.30	0.13	544	191.10	0.00
2.40	0.13	590	191.11	0.00
2.50	0.13	636	191.12	0.00
2.60	0.13	684	191.12	0.00
2.70	0.14	733	191.13	0.00
2.80	0.14	782	191.14	0.00
2.90	0.14	833	191.15	0.00
3.00	0.14	884	191.16	0.00
3.10	0.15	937	191.17	0.00
3.20	0.15	990	191.18	0.00
3.30	0.15	1,043	191.19	0.00
3.40	0.15	1,098	191.20	0.00
3.50	0.16	1,154	191.21	0.00
3.60	0.16	1,210	191.22	0.00
3.70	0.16	1,267	191.23	0.00
3.80	0.16	1,324	191.24	0.00
3.90	0.16	1,382	191.25	0.00
4.00	0.16	1,441	191.26	0.00
4.10	0.17	1,501	191.27	0.00
4.20	0.17	1,561	191.28	0.00
4.30	0.17	1,622	191.29	0.00
4.40	0.17	1,684	191.30	0.00
4.50	0.17	1,746	191.32	0.00
4.60	0.18	1,809	191.33	0.00
4.70	0.18	1,872	191.34	0.00
4.80	0.18	1,936	191.35	0.00
4.90	0.18	2,001	191.36	0.00
5.00	0.18	2,066	191.37	0.00
5.10	0.19	2,132	191.39	0.00

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.19	2,200	191.40	0.00
5.30	0.19	2,268	191.41	0.00
5.40	0.20	2,338	191.42	0.00
5.50	0.20	2,410	191.44	0.00
5.60	0.20	2,482	191.45	0.00
5.70	0.21	2,556	191.46	0.00
5.80	0.21	2,632	191.48	0.00
5.90	0.21	2,708	191.49	0.00
6.00	0.22	2,787	191.50	0.00
6.10	0.23	2,867	191.52	0.00
6.20	0.23	2,949	191.53	0.00
6.30	0.24	3,035	191.55	0.00
6.40	0.25	3,124	191.57	0.00
6.50	0.26	3,216	191.58	0.00
6.60	0.27	3,311	191.60	0.00
6.70	0.28	3,408	191.62	0.00
6.80	0.28	3,509	191.63	0.00
6.90	0.29	3,613	191.65	0.00
7.00	0.30	3,721	191.67	0.00
7.10	0.31	3,831	191.69	0.00
7.20	0.32	3,945	191.71	0.00
7.30	0.33	4,062	191.74	0.00
7.40	0.34	4,183	191.76	0.00
7.50	0.35	4,307	191.78	0.00
7.60	0.36	4,434	191.80	0.00
7.70	0.37	4,565	191.83	0.00
7.80	0.38	4,700	191.85	0.00
7.90	0.39	4,837	191.88	0.01
8.00	0.40	4,976	191.90	0.01
8.10	0.41	5,115	191.93	0.02
8.20	0.42	5,253	191.95	0.04
8.30	0.43	5,389	191.98	0.06
8.40	0.44	5,522	192.00	0.07
8.50	0.45	5,652	192.02	0.10
8.60	0.46	5,778	192.05	0.12
8.70	0.47	5,899	192.07	0.14
8.80	0.48	6,016	192.09	0.17
8.90	0.49	6,127	192.11	0.19
9.00	0.51	6,234	192.13	0.21
9.10	0.53	6,340	192.15	0.24
9.20	0.57	6,448	192.17	0.26
9.30	0.60	6,558	192.19	0.29
9.40	0.63	6,670	192.21	0.32
9.50	0.66	6,784	192.23	0.35
9.60	0.70	6,900	192.25	0.37
9.70	0.73	7,019	192.27	0.40
9.80	0.77	7,141	192.29	0.43
9.90	0.80	7,266	192.31	0.45
10.00	0.84	7,396	192.34	0.47
10.10	0.87	7,532	192.36	0.49
10.20	0.91	7,672	192.39	0.52
10.30	0.95	7,819	192.41	0.54

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.99	7,970	192.44	0.56
10.50	1.03	8,128	192.47	0.58
10.60	1.15	8,308	192.50	0.61
10.70	1.28	8,523	192.54	0.64
10.80	1.41	8,775	192.59	0.67
10.90	1.54	9,063	192.64	0.70
11.00	1.69	9,387	192.70	0.74
11.10	1.93	9,769	192.77	0.78
11.20	2.18	10,225	192.85	0.82
11.30	2.44	10,756	192.95	0.87
11.40	2.71	11,362	193.06	0.93
11.50	2.98	12,040	193.18	0.99
11.60	4.50	12,987	193.35	1.51
11.70	4.97	13,985	193.53	2.47
11.80	6.83	15,033	193.72	3.76
11.90	9.80	16,378	193.96	5.75
12.00	17.16	18,678	194.38	9.29
12.10	27.86	23,094	195.18	13.39
12.20	11.44	24,368	195.41	15.17
12.30	7.61	22,631	195.09	13.03
12.40	5.60	20,564	194.72	11.26
12.50	5.16	18,776	194.40	9.41
12.60	3.49	17,269	194.12	7.24
12.70	3.17	16,194	193.93	5.45
12.80	2.90	15,513	193.81	4.43
12.90	2.63	15,033	193.72	3.76
13.00	2.35	14,660	193.65	3.27
13.10	2.08	14,344	193.60	2.88
13.20	1.92	14,079	193.55	2.57
13.30	1.77	13,858	193.51	2.33
13.40	1.62	13,663	193.47	2.13
13.50	1.47	13,483	193.44	1.95
13.60	1.33	13,311	193.41	1.79
13.70	1.28	13,161	193.38	1.66
13.80	1.24	13,037	193.36	1.55
13.90	1.21	12,934	193.34	1.47
14.00	1.17	12,842	193.32	1.40
14.10	1.13	12,760	193.31	1.34
14.20	1.09	12,685	193.30	1.29
14.30	1.05	12,612	193.28	1.25
14.40	1.01	12,542	193.27	1.20
14.50	0.97	12,473	193.26	1.16
14.60	0.93	12,404	193.24	1.12
14.70	0.89	12,333	193.23	1.09
14.80	0.86	12,260	193.22	1.06
14.90	0.81	12,184	193.20	1.03
15.00	0.78	12,105	193.19	1.00
15.10	0.74	12,020	193.17	0.98
15.20	0.73	11,930	193.16	0.98
15.30	0.72	11,839	193.14	0.97
15.40	0.71	11,747	193.13	0.96
15.50	0.69	11,654	193.11	0.95

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.69	11,560	193.09	0.95
15.70	0.67	11,466	193.07	0.94
15.80	0.66	11,370	193.06	0.93
15.90	0.66	11,274	193.04	0.92
16.00	0.64	11,177	193.02	0.91
16.10	0.63	11,080	193.00	0.90
16.20	0.62	10,982	192.99	0.90
16.30	0.61	10,883	192.97	0.89
16.40	0.60	10,784	192.95	0.88
16.50	0.59	10,685	192.93	0.87
16.60	0.58	10,585	192.92	0.86
16.70	0.57	10,485	192.90	0.85
16.80	0.56	10,384	192.88	0.84
16.90	0.55	10,283	192.86	0.83
17.00	0.54	10,182	192.84	0.82
17.10	0.53	10,082	192.82	0.81
17.20	0.52	9,981	192.81	0.80
17.30	0.51	9,879	192.79	0.79
17.40	0.50	9,777	192.77	0.78
17.50	0.49	9,676	192.75	0.77
17.60	0.48	9,575	192.73	0.76
17.70	0.47	9,474	192.71	0.75
17.80	0.46	9,373	192.70	0.74
17.90	0.45	9,273	192.68	0.72
18.00	0.44	9,172	192.66	0.71
18.10	0.43	9,072	192.64	0.70
18.20	0.42	8,974	192.62	0.69
18.30	0.42	8,879	192.61	0.68
18.40	0.42	8,787	192.59	0.67
18.50	0.41	8,698	192.57	0.66
18.60	0.41	8,613	192.56	0.65
18.70	0.41	8,529	192.54	0.64
18.80	0.41	8,449	192.53	0.63
18.90	0.40	8,372	192.51	0.62
19.00	0.40	8,297	192.50	0.61
19.10	0.40	8,224	192.49	0.60
19.20	0.40	8,155	192.48	0.59
19.30	0.39	8,087	192.46	0.58
19.40	0.39	8,022	192.45	0.57
19.50	0.39	7,960	192.44	0.56
19.60	0.39	7,899	192.43	0.55
19.70	0.38	7,841	192.42	0.54
19.80	0.38	7,786	192.41	0.53
19.90	0.38	7,732	192.40	0.53
20.00	0.38	7,680	192.39	0.52
20.10	0.37	7,630	192.38	0.51
20.20	0.37	7,582	192.37	0.50
20.30	0.37	7,536	192.36	0.49
20.40	0.37	7,491	192.36	0.49
20.50	0.36	7,448	192.35	0.48
20.60	0.36	7,407	192.34	0.47
20.70	0.36	7,367	192.33	0.47

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.35	7,329	192.33	0.46
20.90	0.35	7,291	192.32	0.45
21.00	0.35	7,255	192.31	0.45
21.10	0.35	7,220	192.31	0.44
21.20	0.34	7,187	192.30	0.44
21.30	0.34	7,155	192.29	0.43
21.40	0.34	7,124	192.29	0.42
21.50	0.34	7,094	192.28	0.42
21.60	0.33	7,066	192.28	0.41
21.70	0.33	7,039	192.27	0.40
21.80	0.33	7,014	192.27	0.40
21.90	0.33	6,989	192.26	0.39
22.00	0.32	6,966	192.26	0.39
22.10	0.32	6,943	192.26	0.38
22.20	0.32	6,921	192.25	0.38
22.30	0.32	6,900	192.25	0.37
22.40	0.31	6,879	192.24	0.37
22.50	0.31	6,860	192.24	0.36
22.60	0.31	6,841	192.24	0.36
22.70	0.31	6,823	192.23	0.36
22.80	0.30	6,805	192.23	0.35
22.90	0.30	6,788	192.23	0.35
23.00	0.30	6,772	192.23	0.34
23.10	0.29	6,756	192.22	0.34
23.20	0.29	6,740	192.22	0.34
23.30	0.29	6,725	192.22	0.33
23.40	0.29	6,710	192.21	0.33
23.50	0.28	6,696	192.21	0.32
23.60	0.28	6,681	192.21	0.32
23.70	0.28	6,668	192.21	0.32
23.80	0.28	6,654	192.20	0.31
23.90	0.28	6,640	192.20	0.31
24.00	0.32	6,639	192.20	0.31
24.10	0.02	6,582	192.19	0.30
24.20	0.00	6,482	192.17	0.27
24.30	0.00	6,388	192.16	0.25
24.40	0.00	6,301	192.14	0.23
24.50	0.00	6,222	192.13	0.21
24.60	0.00	6,149	192.11	0.19
24.70	0.00	6,081	192.10	0.18
24.80	0.00	6,019	192.09	0.17
24.90	0.00	5,961	192.08	0.15
25.00	0.00	5,908	192.07	0.14
25.10	0.00	5,858	192.06	0.13
25.20	0.00	5,811	192.05	0.12
25.30	0.00	5,768	192.04	0.12
25.40	0.00	5,728	192.04	0.11
25.50	0.00	5,690	192.03	0.10
25.60	0.00	5,654	192.02	0.10
25.70	0.00	5,621	192.02	0.09
25.80	0.00	5,589	192.01	0.08
25.90	0.00	5,560	192.01	0.08

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,532	192.00	0.07
26.10	0.00	5,506	192.00	0.07
26.20	0.00	5,481	191.99	0.07
26.30	0.00	5,457	191.99	0.06
26.40	0.00	5,435	191.98	0.06
26.50	0.00	5,413	191.98	0.06
26.60	0.00	5,393	191.98	0.06
26.70	0.00	5,373	191.97	0.05
26.80	0.00	5,355	191.97	0.05
26.90	0.00	5,337	191.97	0.05
27.00	0.00	5,320	191.96	0.05
27.10	0.00	5,304	191.96	0.04
27.20	0.00	5,289	191.96	0.04
27.30	0.00	5,274	191.95	0.04
27.40	0.00	5,260	191.95	0.04
27.50	0.00	5,247	191.95	0.04
27.60	0.00	5,235	191.95	0.03
27.70	0.00	5,222	191.94	0.03
27.80	0.00	5,210	191.94	0.03
27.90	0.00	5,199	191.94	0.03
28.00	0.00	5,188	191.94	0.03
28.10	0.00	5,177	191.94	0.03
28.20	0.00	5,166	191.93	0.03
28.30	0.00	5,156	191.93	0.03
28.40	0.00	5,147	191.93	0.03
28.50	0.00	5,137	191.93	0.03
28.60	0.00	5,128	191.93	0.03
28.70	0.00	5,119	191.93	0.02
28.80	0.00	5,110	191.92	0.02
28.90	0.00	5,102	191.92	0.02
29.00	0.00	5,094	191.92	0.02
29.10	0.00	5,086	191.92	0.02
29.20	0.00	5,079	191.92	0.02
29.30	0.00	5,071	191.92	0.02
29.40	0.00	5,064	191.92	0.02
29.50	0.00	5,058	191.92	0.02
29.60	0.00	5,051	191.91	0.02
29.70	0.00	5,045	191.91	0.02
29.80	0.00	5,038	191.91	0.02
29.90	0.00	5,032	191.91	0.02
30.00	0.00	5,027	191.91	0.02
30.10	0.00	5,021	191.91	0.02
30.20	0.00	5,015	191.91	0.01
30.30	0.00	5,010	191.91	0.01
30.40	0.00	5,005	191.91	0.01
30.50	0.00	5,000	191.90	0.01
30.60	0.00	4,995	191.90	0.01
30.70	0.00	4,991	191.90	0.01
30.80	0.00	4,986	191.90	0.01
30.90	0.00	4,982	191.90	0.01
31.00	0.00	4,978	191.90	0.01
31.10	0.00	4,974	191.90	0.01

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,970	191.90	0.01
31.30	0.00	4,966	191.90	0.01
31.40	0.00	4,962	191.90	0.01
31.50	0.00	4,958	191.90	0.01
31.60	0.00	4,954	191.90	0.01
31.70	0.00	4,951	191.90	0.01
31.80	0.00	4,947	191.90	0.01
31.90	0.00	4,944	191.89	0.01
32.00	0.00	4,940	191.89	0.01
32.10	0.00	4,936	191.89	0.01
32.20	0.00	4,933	191.89	0.01
32.30	0.00	4,930	191.89	0.01
32.40	0.00	4,926	191.89	0.01
32.50	0.00	4,923	191.89	0.01
32.60	0.00	4,920	191.89	0.01
32.70	0.00	4,916	191.89	0.01
32.80	0.00	4,913	191.89	0.01
32.90	0.00	4,910	191.89	0.01
33.00	0.00	4,907	191.89	0.01
33.10	0.00	4,904	191.89	0.01
33.20	0.00	4,901	191.89	0.01
33.30	0.00	4,898	191.89	0.01
33.40	0.00	4,895	191.89	0.01
33.50	0.00	4,892	191.89	0.01
33.60	0.00	4,889	191.88	0.01
33.70	0.00	4,887	191.88	0.01
33.80	0.00	4,884	191.88	0.01
33.90	0.00	4,881	191.88	0.01
34.00	0.00	4,879	191.88	0.01
34.10	0.00	4,876	191.88	0.01
34.20	0.00	4,873	191.88	0.01
34.30	0.00	4,871	191.88	0.01
34.40	0.00	4,868	191.88	0.01
34.50	0.00	4,866	191.88	0.01
34.60	0.00	4,863	191.88	0.01
34.70	0.00	4,861	191.88	0.01
34.80	0.00	4,858	191.88	0.01
34.90	0.00	4,856	191.88	0.01
35.00	0.00	4,854	191.88	0.01
35.10	0.00	4,851	191.88	0.01
35.20	0.00	4,849	191.88	0.01
35.30	0.00	4,847	191.88	0.01
35.40	0.00	4,845	191.88	0.01
35.50	0.00	4,843	191.88	0.01
35.60	0.00	4,840	191.88	0.01
35.70	0.00	4,838	191.88	0.01
35.80	0.00	4,836	191.88	0.01
35.90	0.00	4,834	191.87	0.01
36.00	0.00	4,832	191.87	0.01
36.10	0.00	4,830	191.87	0.01
36.20	0.00	4,828	191.87	0.01
36.30	0.00	4,826	191.87	0.01

Hydrograph for Pond B-36B: Basin #36B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,824	191.87	0.01
36.50	0.00	4,823	191.87	0.01
36.60	0.00	4,821	191.87	0.01
36.70	0.00	4,819	191.87	0.01
36.80	0.00	4,817	191.87	0.00
36.90	0.00	4,815	191.87	0.00
37.00	0.00	4,813	191.87	0.00
37.10	0.00	4,812	191.87	0.00
37.20	0.00	4,810	191.87	0.00
37.30	0.00	4,808	191.87	0.00
37.40	0.00	4,807	191.87	0.00
37.50	0.00	4,805	191.87	0.00
37.60	0.00	4,803	191.87	0.00
37.70	0.00	4,802	191.87	0.00
37.80	0.00	4,800	191.87	0.00
37.90	0.00	4,799	191.87	0.00
38.00	0.00	4,797	191.87	0.00
38.10	0.00	4,796	191.87	0.00
38.20	0.00	4,794	191.87	0.00
38.30	0.00	4,793	191.87	0.00
38.40	0.00	4,791	191.87	0.00
38.50	0.00	4,790	191.87	0.00
38.60	0.00	4,789	191.87	0.00
38.70	0.00	4,787	191.87	0.00
38.80	0.00	4,786	191.87	0.00
38.90	0.00	4,784	191.87	0.00
39.00	0.00	4,783	191.87	0.00
39.10	0.00	4,782	191.87	0.00
39.20	0.00	4,781	191.86	0.00
39.30	0.00	4,779	191.86	0.00
39.40	0.00	4,778	191.86	0.00
39.50	0.00	4,777	191.86	0.00
39.60	0.00	4,776	191.86	0.00
39.70	0.00	4,774	191.86	0.00
39.80	0.00	4,773	191.86	0.00
39.90	0.00	4,772	191.86	0.00
40.00	0.00	4,771	191.86	0.00

Stage-Discharge for Pond B-36B: Basin #36B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.00	192.04	0.11	192.56	0.65
191.01	0.00	191.53	0.00	192.05	0.12	192.57	0.66
191.02	0.00	191.54	0.00	192.06	0.13	192.58	0.66
191.03	0.00	191.55	0.00	192.07	0.14	192.59	0.67
191.04	0.00	191.56	0.00	192.08	0.16	192.60	0.68
191.05	0.00	191.57	0.00	192.09	0.17	192.61	0.68
191.06	0.00	191.58	0.00	192.10	0.18	192.62	0.69
191.07	0.00	191.59	0.00	192.11	0.19	192.63	0.69
191.08	0.00	191.60	0.00	192.12	0.20	192.64	0.70
191.09	0.00	191.61	0.00	192.13	0.22	192.65	0.71
191.10	0.00	191.62	0.00	192.14	0.23	192.66	0.71
191.11	0.00	191.63	0.00	192.15	0.24	192.67	0.72
191.12	0.00	191.64	0.00	192.16	0.26	192.68	0.73
191.13	0.00	191.65	0.00	192.17	0.27	192.69	0.73
191.14	0.00	191.66	0.00	192.18	0.28	192.70	0.74
191.15	0.00	191.67	0.00	192.19	0.30	192.71	0.74
191.16	0.00	191.68	0.00	192.20	0.31	192.72	0.75
191.17	0.00	191.69	0.00	192.21	0.32	192.73	0.76
191.18	0.00	191.70	0.00	192.22	0.34	192.74	0.76
191.19	0.00	191.71	0.00	192.23	0.35	192.75	0.77
191.20	0.00	191.72	0.00	192.24	0.36	192.76	0.77
191.21	0.00	191.73	0.00	192.25	0.38	192.77	0.78
191.22	0.00	191.74	0.00	192.26	0.39	192.78	0.79
191.23	0.00	191.75	0.00	192.27	0.40	192.79	0.79
191.24	0.00	191.76	0.00	192.28	0.41	192.80	0.80
191.25	0.00	191.77	0.00	192.29	0.43	192.81	0.80
191.26	0.00	191.78	0.00	192.30	0.44	192.82	0.81
191.27	0.00	191.79	0.00	192.31	0.45	192.83	0.81
191.28	0.00	191.80	0.00	192.32	0.46	192.84	0.82
191.29	0.00	191.81	0.00	192.33	0.47	192.85	0.82
191.30	0.00	191.82	0.00	192.34	0.47	192.86	0.83
191.31	0.00	191.83	0.00	192.35	0.48	192.87	0.83
191.32	0.00	191.84	0.00	192.36	0.49	192.88	0.84
191.33	0.00	191.85	0.00	192.37	0.50	192.89	0.85
191.34	0.00	191.86	0.00	192.38	0.51	192.90	0.85
191.35	0.00	191.87	0.00	192.39	0.52	192.91	0.86
191.36	0.00	191.88	0.01	192.40	0.53	192.92	0.86
191.37	0.00	191.89	0.01	192.41	0.53	192.93	0.87
191.38	0.00	191.90	0.01	192.42	0.54	192.94	0.87
191.39	0.00	191.91	0.02	192.43	0.55	192.95	0.88
191.40	0.00	191.92	0.02	192.44	0.56	192.96	0.88
191.41	0.00	191.93	0.02	192.45	0.57	192.97	0.89
191.42	0.00	191.94	0.03	192.46	0.58	192.98	0.89
191.43	0.00	191.95	0.04	192.47	0.58	192.99	0.90
191.44	0.00	191.96	0.04	192.48	0.59	193.00	0.90
191.45	0.00	191.97	0.05	192.49	0.60	193.01	0.91
191.46	0.00	191.98	0.06	192.50	0.61	193.02	0.91
191.47	0.00	191.99	0.07	192.51	0.61	193.03	0.92
191.48	0.00	192.00	0.07	192.52	0.62	193.04	0.92
191.49	0.00	192.01	0.08	192.53	0.63	193.05	0.93
191.50	0.00	192.02	0.09	192.54	0.63	193.06	0.93
191.51	0.00	192.03	0.10	192.55	0.64	193.07	0.94

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.94	193.60	2.91	194.12	7.20	194.64	10.83
193.09	0.95	193.61	2.98	194.13	7.29	194.65	10.89
193.10	0.95	193.62	3.04	194.14	7.39	194.66	10.94
193.11	0.95	193.63	3.11	194.15	7.49	194.67	10.99
193.12	0.96	193.64	3.18	194.16	7.59	194.68	11.05
193.13	0.96	193.65	3.25	194.17	7.69	194.69	11.10
193.14	0.97	193.66	3.32	194.18	7.79	194.70	11.15
193.15	0.97	193.67	3.39	194.19	7.88	194.71	11.20
193.16	0.98	193.68	3.46	194.20	7.97	194.72	11.25
193.17	0.98	193.69	3.53	194.21	8.05	194.73	11.31
193.18	0.99	193.70	3.61	194.22	8.14	194.74	11.36
193.19	1.00	193.71	3.68	194.23	8.22	194.75	11.41
193.20	1.01	193.72	3.75	194.24	8.30	194.76	11.46
193.21	1.03	193.73	3.83	194.25	8.38	194.77	11.51
193.22	1.06	193.74	3.90	194.26	8.45	194.78	11.56
193.23	1.08	193.75	3.98	194.27	8.53	194.79	11.61
193.24	1.11	193.76	4.06	194.28	8.60	194.80	11.66
193.25	1.14	193.77	4.13	194.29	8.68	194.81	11.71
193.26	1.17	193.78	4.21	194.30	8.75	194.82	11.76
193.27	1.20	193.79	4.29	194.31	8.82	194.83	11.81
193.28	1.23	193.80	4.37	194.32	8.89	194.84	11.86
193.29	1.27	193.81	4.45	194.33	8.96	194.85	11.90
193.30	1.31	193.82	4.53	194.34	9.03	194.86	11.95
193.31	1.35	193.83	4.61	194.35	9.10	194.87	12.00
193.32	1.38	193.84	4.69	194.36	9.16	194.88	12.05
193.33	1.43	193.85	4.78	194.37	9.23	194.89	12.10
193.34	1.47	193.86	4.86	194.38	9.30	194.90	12.14
193.35	1.51	193.87	4.94	194.39	9.36	194.91	12.19
193.36	1.56	193.88	5.02	194.40	9.43	194.92	12.24
193.37	1.60	193.89	5.11	194.41	9.49	194.93	12.29
193.38	1.65	193.90	5.19	194.42	9.55	194.94	12.33
193.39	1.70	193.91	5.28	194.43	9.62	194.95	12.38
193.40	1.74	193.92	5.37	194.44	9.68	194.96	12.43
193.41	1.79	193.93	5.45	194.45	9.74	194.97	12.47
193.42	1.85	193.94	5.54	194.46	9.80	194.98	12.52
193.43	1.90	193.95	5.63	194.47	9.86	194.99	12.56
193.44	1.95	193.96	5.72	194.48	9.92	195.00	12.61
193.45	2.00	193.97	5.80	194.49	9.98	195.01	12.65
193.46	2.06	193.98	5.89	194.50	10.04	195.02	12.70
193.47	2.11	193.99	5.98	194.51	10.10	195.03	12.74
193.48	2.17	194.00	6.07	194.52	10.16	195.04	12.79
193.49	2.23	194.01	6.16	194.53	10.22	195.05	12.83
193.50	2.28	194.02	6.26	194.54	10.28	195.06	12.88
193.51	2.34	194.03	6.35	194.55	10.33	195.07	12.92
193.52	2.40	194.04	6.44	194.56	10.39	195.08	12.97
193.53	2.46	194.05	6.53	194.57	10.45	195.09	13.01
193.54	2.53	194.06	6.63	194.58	10.50	195.10	13.05
193.55	2.59	194.07	6.72	194.59	10.56	195.11	13.10
193.56	2.65	194.08	6.82	194.60	10.61	195.12	13.14
193.57	2.71	194.09	6.91	194.61	10.67	195.13	13.19
193.58	2.78	194.10	7.01	194.62	10.72	195.14	13.23
193.59	2.84	194.11	7.10	194.63	10.78	195.15	13.27

Stage-Discharge for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
195.16	13.31	195.68	25.55
195.17	13.36	195.69	26.34
195.18	13.40	195.70	27.14
195.19	13.44	195.71	28.01
195.20	13.49	195.72	28.90
195.21	13.53	195.73	29.82
195.22	13.57	195.74	30.77
195.23	13.61	195.75	31.73
195.24	13.65	195.76	32.73
195.25	13.69	195.77	33.75
195.26	13.75	195.78	34.79
195.27	13.81	195.79	35.86
195.28	13.89	195.80	36.95
195.29	13.96	195.81	38.07
195.30	14.05	195.82	39.21
195.31	14.13	195.83	40.37
195.32	14.22	195.84	41.56
195.33	14.32	195.85	42.78
195.34	14.42	195.86	44.02
195.35	14.52	195.87	45.28
195.36	14.62	195.88	46.56
195.37	14.73	195.89	47.87
195.38	14.83	195.90	49.21
195.39	14.95	195.91	50.59
195.40	15.06	195.92	52.01
195.41	15.17	195.93	53.44
195.42	15.29	195.94	54.91
195.43	15.41	195.95	56.40
195.44	15.54	195.96	57.91
195.45	15.66	195.97	59.46
195.46	15.79	195.98	61.02
195.47	15.91	195.99	62.62
195.48	16.04	196.00	64.24
195.49	16.15		
195.50	16.17		
195.51	16.31		
195.52	16.54		
195.53	16.84		
195.54	17.19		
195.55	17.58		
195.56	18.02		
195.57	18.49		
195.58	18.99		
195.59	19.53		
195.60	20.09		
195.61	20.69		
195.62	21.31		
195.63	21.96		
195.64	22.63		
195.65	23.32		
195.66	24.04		
195.67	24.79		

Stage-Area-Storage for Pond B-36B: Basin #36B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	5,527	0	191.52	5,527	2,874
191.01	5,527	55	191.53	5,527	2,929
191.02	5,527	111	191.54	5,527	2,985
191.03	5,527	166	191.55	5,527	3,040
191.04	5,527	221	191.56	5,527	3,095
191.05	5,527	276	191.57	5,527	3,150
191.06	5,527	332	191.58	5,527	3,206
191.07	5,527	387	191.59	5,527	3,261
191.08	5,527	442	191.60	5,527	3,316
191.09	5,527	497	191.61	5,527	3,371
191.10	5,527	553	191.62	5,527	3,427
191.11	5,527	608	191.63	5,527	3,482
191.12	5,527	663	191.64	5,527	3,537
191.13	5,527	719	191.65	5,527	3,593
191.14	5,527	774	191.66	5,527	3,648
191.15	5,527	829	191.67	5,527	3,703
191.16	5,527	884	191.68	5,527	3,758
191.17	5,527	940	191.69	5,527	3,814
191.18	5,527	995	191.70	5,527	3,869
191.19	5,527	1,050	191.71	5,527	3,924
191.20	5,527	1,105	191.72	5,527	3,979
191.21	5,527	1,161	191.73	5,527	4,035
191.22	5,527	1,216	191.74	5,527	4,090
191.23	5,527	1,271	191.75	5,527	4,145
191.24	5,527	1,326	191.76	5,527	4,201
191.25	5,527	1,382	191.77	5,527	4,256
191.26	5,527	1,437	191.78	5,527	4,311
191.27	5,527	1,492	191.79	5,527	4,366
191.28	5,527	1,548	191.80	5,527	4,422
191.29	5,527	1,603	191.81	5,527	4,477
191.30	5,527	1,658	191.82	5,527	4,532
191.31	5,527	1,713	191.83	5,527	4,587
191.32	5,527	1,769	191.84	5,527	4,643
191.33	5,527	1,824	191.85	5,527	4,698
191.34	5,527	1,879	191.86	5,527	4,753
191.35	5,527	1,934	191.87	5,527	4,808
191.36	5,527	1,990	191.88	5,527	4,864
191.37	5,527	2,045	191.89	5,527	4,919
191.38	5,527	2,100	191.90	5,527	4,974
191.39	5,527	2,156	191.91	5,527	5,030
191.40	5,527	2,211	191.92	5,527	5,085
191.41	5,527	2,266	191.93	5,527	5,140
191.42	5,527	2,321	191.94	5,527	5,195
191.43	5,527	2,377	191.95	5,527	5,251
191.44	5,527	2,432	191.96	5,527	5,306
191.45	5,527	2,487	191.97	5,527	5,361
191.46	5,527	2,542	191.98	5,527	5,416
191.47	5,527	2,598	191.99	5,527	5,472
191.48	5,527	2,653	192.00	5,527	5,527
191.49	5,527	2,708	192.01	5,527	5,582
191.50	5,527	2,764	192.02	5,527	5,638
191.51	5,527	2,819	192.03	5,527	5,693

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	5,527	5,748	192.56	5,527	8,622
192.05	5,527	5,803	192.57	5,527	8,677
192.06	5,527	5,859	192.58	5,527	8,733
192.07	5,527	5,914	192.59	5,527	8,788
192.08	5,527	5,969	192.60	5,527	8,843
192.09	5,527	6,024	192.61	5,527	8,898
192.10	5,527	6,080	192.62	5,527	8,954
192.11	5,527	6,135	192.63	5,527	9,009
192.12	5,527	6,190	192.64	5,527	9,064
192.13	5,527	6,246	192.65	5,527	9,120
192.14	5,527	6,301	192.66	5,527	9,175
192.15	5,527	6,356	192.67	5,527	9,230
192.16	5,527	6,411	192.68	5,527	9,285
192.17	5,527	6,467	192.69	5,527	9,341
192.18	5,527	6,522	192.70	5,527	9,396
192.19	5,527	6,577	192.71	5,527	9,451
192.20	5,527	6,632	192.72	5,527	9,506
192.21	5,527	6,688	192.73	5,527	9,562
192.22	5,527	6,743	192.74	5,527	9,617
192.23	5,527	6,798	192.75	5,527	9,672
192.24	5,527	6,853	192.76	5,527	9,728
192.25	5,527	6,909	192.77	5,527	9,783
192.26	5,527	6,964	192.78	5,527	9,838
192.27	5,527	7,019	192.79	5,527	9,893
192.28	5,527	7,075	192.80	5,527	9,949
192.29	5,527	7,130	192.81	5,527	10,004
192.30	5,527	7,185	192.82	5,527	10,059
192.31	5,527	7,240	192.83	5,527	10,114
192.32	5,527	7,296	192.84	5,527	10,170
192.33	5,527	7,351	192.85	5,527	10,225
192.34	5,527	7,406	192.86	5,527	10,280
192.35	5,527	7,461	192.87	5,527	10,335
192.36	5,527	7,517	192.88	5,527	10,391
192.37	5,527	7,572	192.89	5,527	10,446
192.38	5,527	7,627	192.90	5,527	10,501
192.39	5,527	7,683	192.91	5,527	10,557
192.40	5,527	7,738	192.92	5,527	10,612
192.41	5,527	7,793	192.93	5,527	10,667
192.42	5,527	7,848	192.94	5,527	10,722
192.43	5,527	7,904	192.95	5,527	10,778
192.44	5,527	7,959	192.96	5,527	10,833
192.45	5,527	8,014	192.97	5,527	10,888
192.46	5,527	8,069	192.98	5,527	10,943
192.47	5,527	8,125	192.99	5,527	10,999
192.48	5,527	8,180	193.00	5,527	11,054
192.49	5,527	8,235	193.01	5,527	11,109
192.50	5,527	8,291	193.02	5,527	11,165
192.51	5,527	8,346	193.03	5,527	11,220
192.52	5,527	8,401	193.04	5,527	11,275
192.53	5,527	8,456	193.05	5,527	11,330
192.54	5,527	8,512	193.06	5,527	11,386
192.55	5,527	8,567	193.07	5,527	11,441

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	5,527	11,496	193.60	5,527	14,370
193.09	5,527	11,551	193.61	5,527	14,425
193.10	5,527	11,607	193.62	5,527	14,481
193.11	5,527	11,662	193.63	5,527	14,536
193.12	5,527	11,717	193.64	5,527	14,591
193.13	5,527	11,773	193.65	5,527	14,647
193.14	5,527	11,828	193.66	5,527	14,702
193.15	5,527	11,883	193.67	5,527	14,757
193.16	5,527	11,938	193.68	5,527	14,812
193.17	5,527	11,994	193.69	5,527	14,868
193.18	5,527	12,049	193.70	5,527	14,923
193.19	5,527	12,104	193.71	5,527	14,978
193.20	5,527	12,159	193.72	5,527	15,033
193.21	5,527	12,215	193.73	5,527	15,089
193.22	5,527	12,270	193.74	5,527	15,144
193.23	5,527	12,325	193.75	5,527	15,199
193.24	5,527	12,380	193.76	5,527	15,255
193.25	5,527	12,436	193.77	5,527	15,310
193.26	5,527	12,491	193.78	5,527	15,365
193.27	5,527	12,546	193.79	5,527	15,420
193.28	5,527	12,602	193.80	5,527	15,476
193.29	5,527	12,657	193.81	5,527	15,531
193.30	5,527	12,712	193.82	5,527	15,586
193.31	5,527	12,767	193.83	5,527	15,641
193.32	5,527	12,823	193.84	5,527	15,697
193.33	5,527	12,878	193.85	5,527	15,752
193.34	5,527	12,933	193.86	5,527	15,807
193.35	5,527	12,988	193.87	5,527	15,862
193.36	5,527	13,044	193.88	5,527	15,918
193.37	5,527	13,099	193.89	5,527	15,973
193.38	5,527	13,154	193.90	5,527	16,028
193.39	5,527	13,210	193.91	5,527	16,084
193.40	5,527	13,265	193.92	5,527	16,139
193.41	5,527	13,320	193.93	5,527	16,194
193.42	5,527	13,375	193.94	5,527	16,249
193.43	5,527	13,431	193.95	5,527	16,305
193.44	5,527	13,486	193.96	5,527	16,360
193.45	5,527	13,541	193.97	5,527	16,415
193.46	5,527	13,596	193.98	5,527	16,470
193.47	5,527	13,652	193.99	5,527	16,526
193.48	5,527	13,707	194.00	5,527	16,581
193.49	5,527	13,762	194.01	5,527	16,636
193.50	5,527	13,818	194.02	5,527	16,692
193.51	5,527	13,873	194.03	5,527	16,747
193.52	5,527	13,928	194.04	5,527	16,802
193.53	5,527	13,983	194.05	5,527	16,857
193.54	5,527	14,039	194.06	5,527	16,913
193.55	5,527	14,094	194.07	5,527	16,968
193.56	5,527	14,149	194.08	5,527	17,023
193.57	5,527	14,204	194.09	5,527	17,078
193.58	5,527	14,260	194.10	5,527	17,134
193.59	5,527	14,315	194.11	5,527	17,189

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.12	5,527	17,244	194.64	5,527	20,118
194.13	5,527	17,300	194.65	5,527	20,174
194.14	5,527	17,355	194.66	5,527	20,229
194.15	5,527	17,410	194.67	5,527	20,284
194.16	5,527	17,465	194.68	5,527	20,339
194.17	5,527	17,521	194.69	5,527	20,395
194.18	5,527	17,576	194.70	5,527	20,450
194.19	5,527	17,631	194.71	5,527	20,505
194.20	5,527	17,686	194.72	5,527	20,560
194.21	5,527	17,742	194.73	5,527	20,616
194.22	5,527	17,797	194.74	5,527	20,671
194.23	5,527	17,852	194.75	5,527	20,726
194.24	5,527	17,907	194.76	5,527	20,782
194.25	5,527	17,963	194.77	5,527	20,837
194.26	5,527	18,018	194.78	5,527	20,892
194.27	5,527	18,073	194.79	5,527	20,947
194.28	5,527	18,129	194.80	5,527	21,003
194.29	5,527	18,184	194.81	5,527	21,058
194.30	5,527	18,239	194.82	5,527	21,113
194.31	5,527	18,294	194.83	5,527	21,168
194.32	5,527	18,350	194.84	5,527	21,224
194.33	5,527	18,405	194.85	5,527	21,279
194.34	5,527	18,460	194.86	5,527	21,334
194.35	5,527	18,515	194.87	5,527	21,389
194.36	5,527	18,571	194.88	5,527	21,445
194.37	5,527	18,626	194.89	5,527	21,500
194.38	5,527	18,681	194.90	5,527	21,555
194.39	5,527	18,737	194.91	5,527	21,611
194.40	5,527	18,792	194.92	5,527	21,666
194.41	5,527	18,847	194.93	5,527	21,721
194.42	5,527	18,902	194.94	5,527	21,776
194.43	5,527	18,958	194.95	5,527	21,832
194.44	5,527	19,013	194.96	5,527	21,887
194.45	5,527	19,068	194.97	5,527	21,942
194.46	5,527	19,123	194.98	5,527	21,997
194.47	5,527	19,179	194.99	5,527	22,053
194.48	5,527	19,234	195.00	5,527	22,108
194.49	5,527	19,289	195.01	5,527	22,163
194.50	5,527	19,345	195.02	5,527	22,219
194.51	5,527	19,400	195.03	5,527	22,274
194.52	5,527	19,455	195.04	5,527	22,329
194.53	5,527	19,510	195.05	5,527	22,384
194.54	5,527	19,566	195.06	5,527	22,440
194.55	5,527	19,621	195.07	5,527	22,495
194.56	5,527	19,676	195.08	5,527	22,550
194.57	5,527	19,731	195.09	5,527	22,605
194.58	5,527	19,787	195.10	5,527	22,661
194.59	5,527	19,842	195.11	5,527	22,716
194.60	5,527	19,897	195.12	5,527	22,771
194.61	5,527	19,952	195.13	5,527	22,827
194.62	5,527	20,008	195.14	5,527	22,882
194.63	5,527	20,063	195.15	5,527	22,937

Stage-Area-Storage for Pond B-36B: Basin #36B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.16	5,527	22,992	195.68	5,527	25,866
195.17	5,527	23,048	195.69	5,527	25,922
195.18	5,527	23,103	195.70	5,527	25,977
195.19	5,527	23,158	195.71	5,527	26,032
195.20	5,527	23,213	195.72	5,527	26,087
195.21	5,527	23,269	195.73	5,527	26,143
195.22	5,527	23,324	195.74	5,527	26,198
195.23	5,527	23,379	195.75	5,527	26,253
195.24	5,527	23,434	195.76	5,527	26,309
195.25	5,527	23,490	195.77	5,527	26,364
195.26	5,527	23,545	195.78	5,527	26,419
195.27	5,527	23,600	195.79	5,527	26,474
195.28	5,527	23,656	195.80	5,527	26,530
195.29	5,527	23,711	195.81	5,527	26,585
195.30	5,527	23,766	195.82	5,527	26,640
195.31	5,527	23,821	195.83	5,527	26,695
195.32	5,527	23,877	195.84	5,527	26,751
195.33	5,527	23,932	195.85	5,527	26,806
195.34	5,527	23,987	195.86	5,527	26,861
195.35	5,527	24,042	195.87	5,527	26,916
195.36	5,527	24,098	195.88	5,527	26,972
195.37	5,527	24,153	195.89	5,527	27,027
195.38	5,527	24,208	195.90	5,527	27,082
195.39	5,527	24,264	195.91	5,527	27,138
195.40	5,527	24,319	195.92	5,527	27,193
195.41	5,527	24,374	195.93	5,527	27,248
195.42	5,527	24,429	195.94	5,527	27,303
195.43	5,527	24,485	195.95	5,527	27,359
195.44	5,527	24,540	195.96	5,527	27,414
195.45	5,527	24,595	195.97	5,527	27,469
195.46	5,527	24,650	195.98	5,527	27,524
195.47	5,527	24,706	195.99	5,527	27,580
195.48	5,527	24,761	196.00	5,527	27,635
195.49	5,527	24,816			
195.50	5,527	24,872			
195.51	5,527	24,927			
195.52	5,527	24,982			
195.53	5,527	25,037			
195.54	5,527	25,093			
195.55	5,527	25,148			
195.56	5,527	25,203			
195.57	5,527	25,258			
195.58	5,527	25,314			
195.59	5,527	25,369			
195.60	5,527	25,424			
195.61	5,527	25,479			
195.62	5,527	25,535			
195.63	5,527	25,590			
195.64	5,527	25,645			
195.65	5,527	25,701			
195.66	5,527	25,756			
195.67	5,527	25,811			

Summary for Pond B-37A: Basin #37A

Inflow Area = 2.154 ac, 39.65% Impervious, Inflow Depth = 8.94" for Future 100 yr event
 Inflow = 21.39 cfs @ 12.09 hrs, Volume= 1.604 af
 Outflow = 6.94 cfs @ 12.32 hrs, Volume= 1.515 af, Atten= 68%, Lag= 13.8 min
 Primary = 6.94 cfs @ 12.32 hrs, Volume= 1.515 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 197.45' @ 12.32 hrs Surf.Area= 8,125 sf Storage= 28,033 cf

Plug-Flow detention time= 154.5 min calculated for 1.515 af (94% of inflow)
 Center-of-Mass det. time= 122.3 min (894.3 - 772.1)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	32,500 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	8,125	0	0
195.00	8,125	8,125	8,125
196.00	8,125	8,125	16,250
197.00	8,125	8,125	24,375
198.00	8,125	8,125	32,500

Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.44'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.24'	15.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	197.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	197.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=6.90 cfs @ 12.32 hrs HW=197.45' (Free Discharge)

1=Culvert (Passes 6.90 cfs of 12.09 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.57 cfs @ 7.99 fps)
 3=Orifice/Grate (Orifice Controls 4.21 cfs @ 6.73 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 1.12 cfs @ 1.45 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Sharp-Crested Rectangular Weir

Pond B-37A Basin #37A

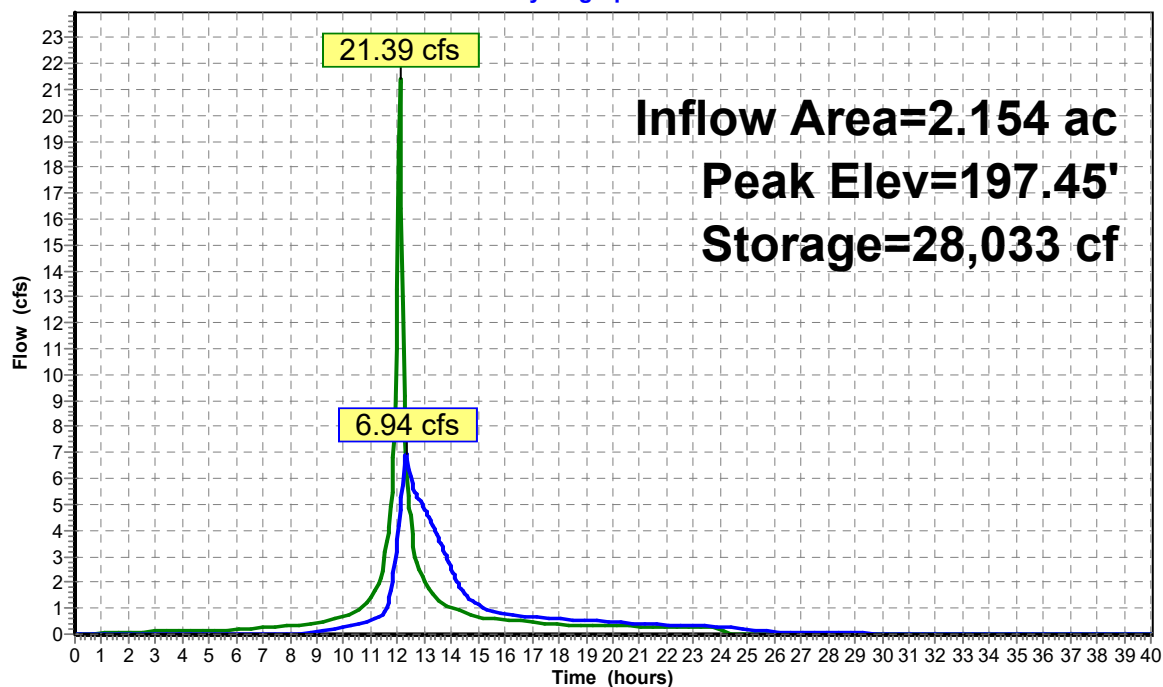
Orifice/Grate

Orifice/Grate

Culvert

Pond B-37A: Basin #37A

Hydrograph



Hydrograph for Pond B-37A: Basin #37A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	1	194.00	0.00
0.50	0.01	4	194.00	0.00
0.60	0.02	11	194.00	0.00
0.70	0.03	21	194.00	0.00
0.80	0.04	34	194.00	0.00
0.90	0.04	48	194.01	0.00
1.00	0.05	65	194.01	0.00
1.10	0.06	85	194.01	0.00
1.20	0.06	105	194.01	0.00
1.30	0.06	128	194.02	0.00
1.40	0.07	151	194.02	0.00
1.50	0.07	177	194.02	0.00
1.60	0.07	203	194.02	0.00
1.70	0.08	231	194.03	0.00
1.80	0.08	259	194.03	0.00
1.90	0.08	289	194.04	0.00
2.00	0.09	320	194.04	0.00
2.10	0.09	352	194.04	0.00
2.20	0.09	384	194.05	0.00
2.30	0.09	418	194.05	0.00
2.40	0.10	452	194.06	0.00
2.50	0.10	487	194.06	0.00
2.60	0.10	523	194.06	0.00
2.70	0.10	559	194.07	0.00
2.80	0.10	597	194.07	0.00
2.90	0.11	634	194.08	0.00
3.00	0.11	673	194.08	0.00
3.10	0.11	712	194.09	0.00
3.20	0.11	752	194.09	0.00
3.30	0.11	792	194.10	0.00
3.40	0.11	833	194.10	0.00
3.50	0.12	874	194.11	0.00
3.60	0.12	916	194.11	0.00
3.70	0.12	959	194.12	0.00
3.80	0.12	1,002	194.12	0.00
3.90	0.12	1,045	194.13	0.00
4.00	0.12	1,089	194.13	0.00
4.10	0.12	1,134	194.14	0.00
4.20	0.13	1,178	194.15	0.00
4.30	0.13	1,224	194.15	0.00
4.40	0.13	1,270	194.16	0.00
4.50	0.13	1,317	194.16	0.00
4.60	0.13	1,363	194.17	0.00
4.70	0.13	1,411	194.17	0.00
4.80	0.13	1,459	194.18	0.00
4.90	0.13	1,507	194.19	0.00
5.00	0.14	1,555	194.19	0.00
5.10	0.14	1,604	194.20	0.00

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,654	194.20	0.00
5.30	0.14	1,705	194.21	0.00
5.40	0.15	1,758	194.22	0.00
5.50	0.15	1,811	194.22	0.00
5.60	0.15	1,866	194.23	0.00
5.70	0.16	1,921	194.24	0.00
5.80	0.16	1,978	194.24	0.00
5.90	0.16	2,036	194.25	0.00
6.00	0.17	2,096	194.26	0.00
6.10	0.17	2,157	194.27	0.00
6.20	0.18	2,221	194.27	0.00
6.30	0.19	2,286	194.28	0.00
6.40	0.19	2,355	194.29	0.00
6.50	0.20	2,426	194.30	0.00
6.60	0.21	2,499	194.31	0.00
6.70	0.21	2,575	194.32	0.00
6.80	0.22	2,653	194.33	0.00
6.90	0.23	2,734	194.34	0.00
7.00	0.24	2,818	194.35	0.00
7.10	0.24	2,905	194.36	0.00
7.20	0.25	2,994	194.37	0.00
7.30	0.26	3,086	194.38	0.00
7.40	0.27	3,181	194.39	0.00
7.50	0.28	3,279	194.40	0.00
7.60	0.28	3,380	194.42	0.00
7.70	0.29	3,483	194.43	0.00
7.80	0.30	3,590	194.44	0.00
7.90	0.31	3,699	194.46	0.00
8.00	0.32	3,811	194.47	0.00
8.10	0.33	3,925	194.48	0.01
8.20	0.33	4,041	194.50	0.01
8.30	0.34	4,159	194.51	0.02
8.40	0.35	4,277	194.53	0.02
8.50	0.36	4,396	194.54	0.03
8.60	0.37	4,515	194.56	0.04
8.70	0.38	4,634	194.57	0.05
8.80	0.39	4,752	194.58	0.06
8.90	0.40	4,870	194.60	0.07
9.00	0.41	4,986	194.61	0.09
9.10	0.43	5,105	194.63	0.10
9.20	0.46	5,227	194.64	0.12
9.30	0.49	5,353	194.66	0.13
9.40	0.51	5,483	194.67	0.15
9.50	0.54	5,615	194.69	0.17
9.60	0.57	5,751	194.71	0.19
9.70	0.60	5,890	194.72	0.21
9.80	0.63	6,031	194.74	0.23
9.90	0.66	6,175	194.76	0.26
10.00	0.69	6,322	194.78	0.28
10.10	0.72	6,470	194.80	0.30
10.20	0.75	6,621	194.81	0.33
10.30	0.78	6,775	194.83	0.35

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.81	6,930	194.85	0.38
10.50	0.85	7,090	194.87	0.40
10.60	0.94	7,265	194.89	0.43
10.70	1.05	7,467	194.92	0.46
10.80	1.16	7,698	194.95	0.48
10.90	1.27	7,960	194.98	0.51
11.00	1.39	8,253	195.02	0.54
11.10	1.58	8,592	195.06	0.57
11.20	1.79	8,991	195.11	0.61
11.30	2.01	9,453	195.16	0.65
11.40	2.23	9,980	195.23	0.69
11.50	2.49	10,562	195.30	0.80
11.60	3.55	11,349	195.40	1.04
11.70	4.13	12,296	195.51	1.43
11.80	5.49	13,438	195.65	2.00
11.90	7.86	15,008	195.85	2.77
12.00	13.31	17,746	196.18	3.65
12.10	21.29	22,732	196.80	4.81
12.20	12.78	26,850	197.30	5.75
12.30	7.52	28,004	197.45	6.91
12.40	5.32	27,789	197.42	6.66
12.50	4.56	27,254	197.35	6.09
12.60	3.36	26,558	197.27	5.57
12.70	2.83	25,687	197.16	5.37
12.80	2.57	24,750	197.05	5.20
12.90	2.33	23,787	196.93	5.02
13.00	2.09	22,806	196.81	4.82
13.10	1.86	21,811	196.68	4.62
13.20	1.70	20,823	196.56	4.40
13.30	1.57	19,862	196.44	4.18
13.40	1.44	18,934	196.33	3.96
13.50	1.31	18,041	196.22	3.73
13.60	1.18	17,187	196.12	3.49
13.70	1.12	16,386	196.02	3.25
13.80	1.09	15,656	195.93	3.01
13.90	1.05	15,000	195.85	2.77
14.00	1.02	14,418	195.77	2.52
14.10	0.99	13,917	195.71	2.26
14.20	0.95	13,494	195.66	2.03
14.30	0.92	13,135	195.62	1.84
14.40	0.88	12,826	195.58	1.68
14.50	0.85	12,556	195.55	1.55
14.60	0.82	12,317	195.52	1.44
14.70	0.78	12,103	195.49	1.35
14.80	0.75	11,909	195.47	1.26
14.90	0.72	11,730	195.44	1.19
15.00	0.68	11,564	195.42	1.13
15.10	0.65	11,409	195.40	1.07
15.20	0.63	11,264	195.39	1.02
15.30	0.62	11,133	195.37	0.97
15.40	0.62	11,014	195.36	0.93
15.50	0.61	10,905	195.34	0.90

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.60	10,804	195.33	0.87
15.70	0.59	10,711	195.32	0.84
15.80	0.58	10,623	195.31	0.82
15.90	0.57	10,539	195.30	0.79
16.00	0.56	10,461	195.29	0.77
16.10	0.55	10,385	195.28	0.76
16.20	0.54	10,313	195.27	0.74
16.30	0.53	10,241	195.26	0.73
16.40	0.53	10,171	195.25	0.72
16.50	0.52	10,102	195.24	0.71
16.60	0.51	10,033	195.23	0.70
16.70	0.50	9,964	195.23	0.69
16.80	0.49	9,893	195.22	0.69
16.90	0.48	9,821	195.21	0.68
17.00	0.47	9,748	195.20	0.67
17.10	0.46	9,674	195.19	0.67
17.20	0.45	9,599	195.18	0.66
17.30	0.44	9,522	195.17	0.66
17.40	0.43	9,445	195.16	0.65
17.50	0.43	9,367	195.15	0.64
17.60	0.42	9,288	195.14	0.64
17.70	0.41	9,208	195.13	0.63
17.80	0.40	9,128	195.12	0.62
17.90	0.39	9,047	195.11	0.62
18.00	0.38	8,965	195.10	0.61
18.10	0.37	8,883	195.09	0.60
18.20	0.37	8,801	195.08	0.59
18.30	0.37	8,721	195.07	0.59
18.40	0.36	8,643	195.06	0.58
18.50	0.36	8,566	195.05	0.57
18.60	0.36	8,491	195.05	0.56
18.70	0.36	8,418	195.04	0.56
18.80	0.35	8,347	195.03	0.55
18.90	0.35	8,278	195.02	0.54
19.00	0.35	8,210	195.01	0.54
19.10	0.35	8,144	195.00	0.53
19.20	0.34	8,080	194.99	0.52
19.30	0.34	8,017	194.99	0.51
19.40	0.34	7,955	194.98	0.51
19.50	0.34	7,896	194.97	0.50
19.60	0.34	7,838	194.96	0.50
19.70	0.33	7,781	194.96	0.49
19.80	0.33	7,726	194.95	0.48
19.90	0.33	7,672	194.94	0.48
20.00	0.33	7,619	194.94	0.47
20.10	0.32	7,567	194.93	0.47
20.20	0.32	7,516	194.93	0.46
20.30	0.32	7,467	194.92	0.46
20.40	0.32	7,419	194.91	0.45
20.50	0.32	7,372	194.91	0.44
20.60	0.31	7,327	194.90	0.44
20.70	0.31	7,283	194.90	0.43

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.31	7,241	194.89	0.43
20.90	0.31	7,199	194.89	0.42
21.00	0.30	7,159	194.88	0.41
21.10	0.30	7,120	194.88	0.41
21.20	0.30	7,082	194.87	0.40
21.30	0.30	7,045	194.87	0.40
21.40	0.30	7,010	194.86	0.39
21.50	0.29	6,976	194.86	0.39
21.60	0.29	6,943	194.85	0.38
21.70	0.29	6,911	194.85	0.38
21.80	0.29	6,880	194.85	0.37
21.90	0.28	6,850	194.84	0.37
22.00	0.28	6,821	194.84	0.36
22.10	0.28	6,792	194.84	0.36
22.20	0.28	6,765	194.83	0.35
22.30	0.28	6,738	194.83	0.35
22.40	0.27	6,712	194.83	0.34
22.50	0.27	6,686	194.82	0.34
22.60	0.27	6,662	194.82	0.34
22.70	0.27	6,638	194.82	0.33
22.80	0.26	6,614	194.81	0.33
22.90	0.26	6,591	194.81	0.32
23.00	0.26	6,569	194.81	0.32
23.10	0.26	6,547	194.81	0.32
23.20	0.25	6,526	194.80	0.31
23.30	0.25	6,504	194.80	0.31
23.40	0.25	6,484	194.80	0.31
23.50	0.25	6,464	194.80	0.30
23.60	0.24	6,444	194.79	0.30
23.70	0.24	6,425	194.79	0.30
23.80	0.24	6,405	194.79	0.29
23.90	0.24	6,387	194.79	0.29
24.00	0.27	6,376	194.78	0.29
24.10	0.08	6,332	194.78	0.28
24.20	0.01	6,246	194.77	0.27
24.30	0.00	6,154	194.76	0.25
24.40	0.00	6,066	194.75	0.24
24.50	0.00	5,983	194.74	0.22
24.60	0.00	5,904	194.73	0.21
24.70	0.00	5,830	194.72	0.20
24.80	0.00	5,759	194.71	0.19
24.90	0.00	5,692	194.70	0.18
25.00	0.00	5,629	194.69	0.17
25.10	0.00	5,569	194.69	0.16
25.20	0.00	5,513	194.68	0.15
25.30	0.00	5,459	194.67	0.15
25.40	0.00	5,407	194.67	0.14
25.50	0.00	5,358	194.66	0.13
25.60	0.00	5,311	194.65	0.13
25.70	0.00	5,267	194.65	0.12
25.80	0.00	5,224	194.64	0.11
25.90	0.00	5,184	194.64	0.11

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,145	194.63	0.11
26.10	0.00	5,108	194.63	0.10
26.20	0.00	5,073	194.62	0.10
26.30	0.00	5,038	194.62	0.09
26.40	0.00	5,006	194.62	0.09
26.50	0.00	4,974	194.61	0.09
26.60	0.00	4,944	194.61	0.08
26.70	0.00	4,915	194.60	0.08
26.80	0.00	4,888	194.60	0.08
26.90	0.00	4,861	194.60	0.07
27.00	0.00	4,835	194.60	0.07
27.10	0.00	4,811	194.59	0.07
27.20	0.00	4,787	194.59	0.07
27.30	0.00	4,764	194.59	0.06
27.40	0.00	4,741	194.58	0.06
27.50	0.00	4,720	194.58	0.06
27.60	0.00	4,699	194.58	0.06
27.70	0.00	4,679	194.58	0.06
27.80	0.00	4,659	194.57	0.05
27.90	0.00	4,640	194.57	0.05
28.00	0.00	4,622	194.57	0.05
28.10	0.00	4,605	194.57	0.05
28.20	0.00	4,588	194.56	0.05
28.30	0.00	4,571	194.56	0.04
28.40	0.00	4,555	194.56	0.04
28.50	0.00	4,540	194.56	0.04
28.60	0.00	4,525	194.56	0.04
28.70	0.00	4,511	194.56	0.04
28.80	0.00	4,496	194.55	0.04
28.90	0.00	4,483	194.55	0.04
29.00	0.00	4,469	194.55	0.04
29.10	0.00	4,456	194.55	0.04
29.20	0.00	4,443	194.55	0.04
29.30	0.00	4,431	194.55	0.03
29.40	0.00	4,419	194.54	0.03
29.50	0.00	4,407	194.54	0.03
29.60	0.00	4,395	194.54	0.03
29.70	0.00	4,384	194.54	0.03
29.80	0.00	4,373	194.54	0.03
29.90	0.00	4,362	194.54	0.03
30.00	0.00	4,352	194.54	0.03
30.10	0.00	4,342	194.53	0.03
30.20	0.00	4,332	194.53	0.03
30.30	0.00	4,322	194.53	0.03
30.40	0.00	4,313	194.53	0.03
30.50	0.00	4,304	194.53	0.03
30.60	0.00	4,295	194.53	0.02
30.70	0.00	4,286	194.53	0.02
30.80	0.00	4,277	194.53	0.02
30.90	0.00	4,269	194.53	0.02
31.00	0.00	4,261	194.52	0.02
31.10	0.00	4,253	194.52	0.02

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,246	194.52	0.02
31.30	0.00	4,238	194.52	0.02
31.40	0.00	4,231	194.52	0.02
31.50	0.00	4,224	194.52	0.02
31.60	0.00	4,217	194.52	0.02
31.70	0.00	4,210	194.52	0.02
31.80	0.00	4,203	194.52	0.02
31.90	0.00	4,197	194.52	0.02
32.00	0.00	4,190	194.52	0.02
32.10	0.00	4,184	194.51	0.02
32.20	0.00	4,177	194.51	0.02
32.30	0.00	4,171	194.51	0.02
32.40	0.00	4,165	194.51	0.02
32.50	0.00	4,159	194.51	0.02
32.60	0.00	4,153	194.51	0.02
32.70	0.00	4,147	194.51	0.02
32.80	0.00	4,141	194.51	0.02
32.90	0.00	4,136	194.51	0.02
33.00	0.00	4,130	194.51	0.02
33.10	0.00	4,125	194.51	0.02
33.20	0.00	4,119	194.51	0.01
33.30	0.00	4,114	194.51	0.01
33.40	0.00	4,109	194.51	0.01
33.50	0.00	4,104	194.51	0.01
33.60	0.00	4,099	194.50	0.01
33.70	0.00	4,094	194.50	0.01
33.80	0.00	4,089	194.50	0.01
33.90	0.00	4,084	194.50	0.01
34.00	0.00	4,079	194.50	0.01
34.10	0.00	4,075	194.50	0.01
34.20	0.00	4,070	194.50	0.01
34.30	0.00	4,066	194.50	0.01
34.40	0.00	4,061	194.50	0.01
34.50	0.00	4,057	194.50	0.01
34.60	0.00	4,053	194.50	0.01
34.70	0.00	4,048	194.50	0.01
34.80	0.00	4,044	194.50	0.01
34.90	0.00	4,040	194.50	0.01
35.00	0.00	4,036	194.50	0.01
35.10	0.00	4,032	194.50	0.01
35.20	0.00	4,028	194.50	0.01
35.30	0.00	4,024	194.50	0.01
35.40	0.00	4,021	194.49	0.01
35.50	0.00	4,017	194.49	0.01
35.60	0.00	4,013	194.49	0.01
35.70	0.00	4,010	194.49	0.01
35.80	0.00	4,006	194.49	0.01
35.90	0.00	4,003	194.49	0.01
36.00	0.00	3,999	194.49	0.01
36.10	0.00	3,996	194.49	0.01
36.20	0.00	3,993	194.49	0.01
36.30	0.00	3,989	194.49	0.01

Hydrograph for Pond B-37A: Basin #37A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,986	194.49	0.01
36.50	0.00	3,983	194.49	0.01
36.60	0.00	3,980	194.49	0.01
36.70	0.00	3,977	194.49	0.01
36.80	0.00	3,974	194.49	0.01
36.90	0.00	3,971	194.49	0.01
37.00	0.00	3,968	194.49	0.01
37.10	0.00	3,965	194.49	0.01
37.20	0.00	3,962	194.49	0.01
37.30	0.00	3,959	194.49	0.01
37.40	0.00	3,957	194.49	0.01
37.50	0.00	3,954	194.49	0.01
37.60	0.00	3,951	194.49	0.01
37.70	0.00	3,949	194.49	0.01
37.80	0.00	3,946	194.49	0.01
37.90	0.00	3,944	194.49	0.01
38.00	0.00	3,941	194.49	0.01
38.10	0.00	3,939	194.48	0.01
38.20	0.00	3,936	194.48	0.01
38.30	0.00	3,934	194.48	0.01
38.40	0.00	3,932	194.48	0.01
38.50	0.00	3,929	194.48	0.01
38.60	0.00	3,927	194.48	0.01
38.70	0.00	3,925	194.48	0.01
38.80	0.00	3,923	194.48	0.01
38.90	0.00	3,920	194.48	0.01
39.00	0.00	3,918	194.48	0.01
39.10	0.00	3,916	194.48	0.01
39.20	0.00	3,914	194.48	0.01
39.30	0.00	3,912	194.48	0.01
39.40	0.00	3,910	194.48	0.01
39.50	0.00	3,908	194.48	0.01
39.60	0.00	3,906	194.48	0.01
39.70	0.00	3,904	194.48	0.01
39.80	0.00	3,903	194.48	0.01
39.90	0.00	3,901	194.48	0.01
40.00	0.00	3,899	194.48	0.00

Stage-Discharge for Pond B-37A: Basin #37A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.02	195.04	0.56	195.56	1.61
194.01	0.00	194.53	0.02	195.05	0.57	195.57	1.65
194.02	0.00	194.54	0.03	195.06	0.58	195.58	1.69
194.03	0.00	194.55	0.04	195.07	0.58	195.59	1.73
194.04	0.00	194.56	0.04	195.08	0.59	195.60	1.77
194.05	0.00	194.57	0.05	195.09	0.60	195.61	1.81
194.06	0.00	194.58	0.06	195.10	0.61	195.62	1.85
194.07	0.00	194.59	0.07	195.11	0.61	195.63	1.89
194.08	0.00	194.60	0.07	195.12	0.62	195.64	1.94
194.09	0.00	194.61	0.08	195.13	0.63	195.65	1.98
194.10	0.00	194.62	0.09	195.14	0.63	195.66	2.02
194.11	0.00	194.63	0.10	195.15	0.64	195.67	2.07
194.12	0.00	194.64	0.11	195.16	0.65	195.68	2.11
194.13	0.00	194.65	0.12	195.17	0.66	195.69	2.16
194.14	0.00	194.66	0.13	195.18	0.66	195.70	2.20
194.15	0.00	194.67	0.14	195.19	0.67	195.71	2.25
194.16	0.00	194.68	0.16	195.20	0.68	195.72	2.29
194.17	0.00	194.69	0.17	195.21	0.68	195.73	2.34
194.18	0.00	194.70	0.18	195.22	0.69	195.74	2.39
194.19	0.00	194.71	0.19	195.23	0.69	195.75	2.43
194.20	0.00	194.72	0.20	195.24	0.70	195.76	2.47
194.21	0.00	194.73	0.22	195.25	0.71	195.77	2.51
194.22	0.00	194.74	0.23	195.26	0.73	195.78	2.55
194.23	0.00	194.75	0.24	195.27	0.74	195.79	2.58
194.24	0.00	194.76	0.26	195.28	0.76	195.80	2.62
194.25	0.00	194.77	0.27	195.29	0.78	195.81	2.65
194.26	0.00	194.78	0.28	195.30	0.80	195.82	2.69
194.27	0.00	194.79	0.30	195.31	0.82	195.83	2.72
194.28	0.00	194.80	0.31	195.32	0.84	195.84	2.75
194.29	0.00	194.81	0.32	195.33	0.86	195.85	2.78
194.30	0.00	194.82	0.34	195.34	0.89	195.86	2.81
194.31	0.00	194.83	0.35	195.35	0.91	195.87	2.85
194.32	0.00	194.84	0.36	195.36	0.94	195.88	2.88
194.33	0.00	194.85	0.38	195.37	0.97	195.89	2.91
194.34	0.00	194.86	0.39	195.38	1.00	195.90	2.93
194.35	0.00	194.87	0.40	195.39	1.02	195.91	2.96
194.36	0.00	194.88	0.41	195.40	1.05	195.92	2.99
194.37	0.00	194.89	0.43	195.41	1.08	195.93	3.02
194.38	0.00	194.90	0.44	195.42	1.11	195.94	3.05
194.39	0.00	194.91	0.45	195.43	1.15	195.95	3.08
194.40	0.00	194.92	0.46	195.44	1.18	195.96	3.10
194.41	0.00	194.93	0.47	195.45	1.21	195.97	3.13
194.42	0.00	194.94	0.47	195.46	1.24	195.98	3.16
194.43	0.00	194.95	0.48	195.47	1.28	195.99	3.18
194.44	0.00	194.96	0.49	195.48	1.31	196.00	3.21
194.45	0.00	194.97	0.50	195.49	1.35	196.01	3.23
194.46	0.00	194.98	0.51	195.50	1.38	196.02	3.26
194.47	0.00	194.99	0.52	195.51	1.42	196.03	3.29
194.48	0.01	195.00	0.53	195.52	1.46	196.04	3.31
194.49	0.01	195.01	0.53	195.53	1.49	196.05	3.34
194.50	0.01	195.02	0.54	195.54	1.53	196.06	3.36
194.51	0.02	195.03	0.55	195.55	1.57	196.07	3.38

Stage-Discharge for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	3.41	196.60	4.47	197.12	5.31	197.64	15.33
196.09	3.43	196.61	4.49	197.13	5.33	197.65	16.14
196.10	3.46	196.62	4.51	197.14	5.34	197.66	16.97
196.11	3.48	196.63	4.52	197.15	5.36	197.67	17.83
196.12	3.50	196.64	4.54	197.16	5.37	197.68	18.71
196.13	3.53	196.65	4.56	197.17	5.39	197.69	19.61
196.14	3.55	196.66	4.58	197.18	5.40	197.70	20.54
196.15	3.57	196.67	4.59	197.19	5.42	197.71	21.52
196.16	3.59	196.68	4.61	197.20	5.43	197.72	22.54
196.17	3.62	196.69	4.63	197.21	5.44	197.73	23.58
196.18	3.64	196.70	4.64	197.22	5.46	197.74	24.64
196.19	3.66	196.71	4.66	197.23	5.47	197.75	25.74
196.20	3.68	196.72	4.68	197.24	5.49	197.76	26.86
196.21	3.71	196.73	4.70	197.25	5.50	197.77	28.00
196.22	3.73	196.74	4.71	197.26	5.53	197.78	29.18
196.23	3.75	196.75	4.73	197.27	5.57	197.79	30.37
196.24	3.77	196.76	4.75	197.28	5.61	197.80	31.60
196.25	3.79	196.77	4.76	197.29	5.66	197.81	32.84
196.26	3.81	196.78	4.78	197.30	5.72	197.82	34.12
196.27	3.83	196.79	4.80	197.31	5.78	197.83	35.42
196.28	3.86	196.80	4.81	197.32	5.84	197.84	36.74
196.29	3.88	196.81	4.83	197.33	5.91	197.85	38.09
196.30	3.90	196.82	4.85	197.34	5.98	197.86	39.47
196.31	3.92	196.83	4.86	197.35	6.05	197.87	40.87
196.32	3.94	196.84	4.88	197.36	6.13	197.88	42.27
196.33	3.96	196.85	4.89	197.37	6.21	197.89	43.58
196.34	3.98	196.86	4.91	197.38	6.29	197.90	44.91
196.35	4.00	196.87	4.93	197.39	6.38	197.91	46.28
196.36	4.02	196.88	4.94	197.40	6.47	197.92	47.69
196.37	4.04	196.89	4.96	197.41	6.56	197.93	49.12
196.38	4.06	196.90	4.97	197.42	6.65	197.94	50.57
196.39	4.08	196.91	4.99	197.43	6.74	197.95	52.06
196.40	4.10	196.92	5.01	197.44	6.84	197.96	53.57
196.41	4.12	196.93	5.02	197.45	6.94	197.97	55.10
196.42	4.14	196.94	5.04	197.46	7.04	197.98	56.66
196.43	4.16	196.95	5.05	197.47	7.14	197.99	58.25
196.44	4.18	196.96	5.07	197.48	7.25	198.00	59.86
196.45	4.19	196.97	5.08	197.49	7.35		
196.46	4.21	196.98	5.10	197.50	7.46		
196.47	4.23	196.99	5.12	197.51	7.69		
196.48	4.25	197.00	5.13	197.52	8.02		
196.49	4.27	197.01	5.15	197.53	8.41		
196.50	4.29	197.02	5.16	197.54	8.85		
196.51	4.31	197.03	5.18	197.55	9.34		
196.52	4.33	197.04	5.19	197.56	9.88		
196.53	4.34	197.05	5.21	197.57	10.45		
196.54	4.36	197.06	5.22	197.58	11.05		
196.55	4.38	197.07	5.24	197.59	11.69		
196.56	4.40	197.08	5.25	197.60	12.36		
196.57	4.42	197.09	5.27	197.61	13.06		
196.58	4.43	197.10	5.28	197.62	13.79		
196.59	4.45	197.11	5.30	197.63	14.54		

Stage-Area-Storage for Pond B-37A: Basin #37A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	8,125	0	194.52	8,125	4,225
194.01	8,125	81	194.53	8,125	4,306
194.02	8,125	163	194.54	8,125	4,387
194.03	8,125	244	194.55	8,125	4,469
194.04	8,125	325	194.56	8,125	4,550
194.05	8,125	406	194.57	8,125	4,631
194.06	8,125	488	194.58	8,125	4,713
194.07	8,125	569	194.59	8,125	4,794
194.08	8,125	650	194.60	8,125	4,875
194.09	8,125	731	194.61	8,125	4,956
194.10	8,125	812	194.62	8,125	5,038
194.11	8,125	894	194.63	8,125	5,119
194.12	8,125	975	194.64	8,125	5,200
194.13	8,125	1,056	194.65	8,125	5,281
194.14	8,125	1,137	194.66	8,125	5,362
194.15	8,125	1,219	194.67	8,125	5,444
194.16	8,125	1,300	194.68	8,125	5,525
194.17	8,125	1,381	194.69	8,125	5,606
194.18	8,125	1,463	194.70	8,125	5,687
194.19	8,125	1,544	194.71	8,125	5,769
194.20	8,125	1,625	194.72	8,125	5,850
194.21	8,125	1,706	194.73	8,125	5,931
194.22	8,125	1,787	194.74	8,125	6,013
194.23	8,125	1,869	194.75	8,125	6,094
194.24	8,125	1,950	194.76	8,125	6,175
194.25	8,125	2,031	194.77	8,125	6,256
194.26	8,125	2,112	194.78	8,125	6,338
194.27	8,125	2,194	194.79	8,125	6,419
194.28	8,125	2,275	194.80	8,125	6,500
194.29	8,125	2,356	194.81	8,125	6,581
194.30	8,125	2,438	194.82	8,125	6,662
194.31	8,125	2,519	194.83	8,125	6,744
194.32	8,125	2,600	194.84	8,125	6,825
194.33	8,125	2,681	194.85	8,125	6,906
194.34	8,125	2,763	194.86	8,125	6,988
194.35	8,125	2,844	194.87	8,125	7,069
194.36	8,125	2,925	194.88	8,125	7,150
194.37	8,125	3,006	194.89	8,125	7,231
194.38	8,125	3,087	194.90	8,125	7,313
194.39	8,125	3,169	194.91	8,125	7,394
194.40	8,125	3,250	194.92	8,125	7,475
194.41	8,125	3,331	194.93	8,125	7,556
194.42	8,125	3,412	194.94	8,125	7,637
194.43	8,125	3,494	194.95	8,125	7,719
194.44	8,125	3,575	194.96	8,125	7,800
194.45	8,125	3,656	194.97	8,125	7,881
194.46	8,125	3,738	194.98	8,125	7,962
194.47	8,125	3,819	194.99	8,125	8,044
194.48	8,125	3,900	195.00	8,125	8,125
194.49	8,125	3,981	195.01	8,125	8,206
194.50	8,125	4,063	195.02	8,125	8,288
194.51	8,125	4,144	195.03	8,125	8,369

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	8,125	8,450	195.56	8,125	12,675
195.05	8,125	8,531	195.57	8,125	12,756
195.06	8,125	8,613	195.58	8,125	12,838
195.07	8,125	8,694	195.59	8,125	12,919
195.08	8,125	8,775	195.60	8,125	13,000
195.09	8,125	8,856	195.61	8,125	13,081
195.10	8,125	8,937	195.62	8,125	13,163
195.11	8,125	9,019	195.63	8,125	13,244
195.12	8,125	9,100	195.64	8,125	13,325
195.13	8,125	9,181	195.65	8,125	13,406
195.14	8,125	9,262	195.66	8,125	13,487
195.15	8,125	9,344	195.67	8,125	13,569
195.16	8,125	9,425	195.68	8,125	13,650
195.17	8,125	9,506	195.69	8,125	13,731
195.18	8,125	9,588	195.70	8,125	13,812
195.19	8,125	9,669	195.71	8,125	13,894
195.20	8,125	9,750	195.72	8,125	13,975
195.21	8,125	9,831	195.73	8,125	14,056
195.22	8,125	9,912	195.74	8,125	14,138
195.23	8,125	9,994	195.75	8,125	14,219
195.24	8,125	10,075	195.76	8,125	14,300
195.25	8,125	10,156	195.77	8,125	14,381
195.26	8,125	10,237	195.78	8,125	14,463
195.27	8,125	10,319	195.79	8,125	14,544
195.28	8,125	10,400	195.80	8,125	14,625
195.29	8,125	10,481	195.81	8,125	14,706
195.30	8,125	10,563	195.82	8,125	14,787
195.31	8,125	10,644	195.83	8,125	14,869
195.32	8,125	10,725	195.84	8,125	14,950
195.33	8,125	10,806	195.85	8,125	15,031
195.34	8,125	10,888	195.86	8,125	15,113
195.35	8,125	10,969	195.87	8,125	15,194
195.36	8,125	11,050	195.88	8,125	15,275
195.37	8,125	11,131	195.89	8,125	15,356
195.38	8,125	11,212	195.90	8,125	15,438
195.39	8,125	11,294	195.91	8,125	15,519
195.40	8,125	11,375	195.92	8,125	15,600
195.41	8,125	11,456	195.93	8,125	15,681
195.42	8,125	11,537	195.94	8,125	15,762
195.43	8,125	11,619	195.95	8,125	15,844
195.44	8,125	11,700	195.96	8,125	15,925
195.45	8,125	11,781	195.97	8,125	16,006
195.46	8,125	11,863	195.98	8,125	16,087
195.47	8,125	11,944	195.99	8,125	16,169
195.48	8,125	12,025	196.00	8,125	16,250
195.49	8,125	12,106	196.01	8,125	16,331
195.50	8,125	12,188	196.02	8,125	16,413
195.51	8,125	12,269	196.03	8,125	16,494
195.52	8,125	12,350	196.04	8,125	16,575
195.53	8,125	12,431	196.05	8,125	16,656
195.54	8,125	12,512	196.06	8,125	16,738
195.55	8,125	12,594	196.07	8,125	16,819

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	8,125	16,900	196.60	8,125	21,125
196.09	8,125	16,981	196.61	8,125	21,206
196.10	8,125	17,062	196.62	8,125	21,288
196.11	8,125	17,144	196.63	8,125	21,369
196.12	8,125	17,225	196.64	8,125	21,450
196.13	8,125	17,306	196.65	8,125	21,531
196.14	8,125	17,387	196.66	8,125	21,612
196.15	8,125	17,469	196.67	8,125	21,694
196.16	8,125	17,550	196.68	8,125	21,775
196.17	8,125	17,631	196.69	8,125	21,856
196.18	8,125	17,713	196.70	8,125	21,937
196.19	8,125	17,794	196.71	8,125	22,019
196.20	8,125	17,875	196.72	8,125	22,100
196.21	8,125	17,956	196.73	8,125	22,181
196.22	8,125	18,037	196.74	8,125	22,263
196.23	8,125	18,119	196.75	8,125	22,344
196.24	8,125	18,200	196.76	8,125	22,425
196.25	8,125	18,281	196.77	8,125	22,506
196.26	8,125	18,362	196.78	8,125	22,588
196.27	8,125	18,444	196.79	8,125	22,669
196.28	8,125	18,525	196.80	8,125	22,750
196.29	8,125	18,606	196.81	8,125	22,831
196.30	8,125	18,688	196.82	8,125	22,912
196.31	8,125	18,769	196.83	8,125	22,994
196.32	8,125	18,850	196.84	8,125	23,075
196.33	8,125	18,931	196.85	8,125	23,156
196.34	8,125	19,013	196.86	8,125	23,238
196.35	8,125	19,094	196.87	8,125	23,319
196.36	8,125	19,175	196.88	8,125	23,400
196.37	8,125	19,256	196.89	8,125	23,481
196.38	8,125	19,337	196.90	8,125	23,563
196.39	8,125	19,419	196.91	8,125	23,644
196.40	8,125	19,500	196.92	8,125	23,725
196.41	8,125	19,581	196.93	8,125	23,806
196.42	8,125	19,662	196.94	8,125	23,887
196.43	8,125	19,744	196.95	8,125	23,969
196.44	8,125	19,825	196.96	8,125	24,050
196.45	8,125	19,906	196.97	8,125	24,131
196.46	8,125	19,988	196.98	8,125	24,212
196.47	8,125	20,069	196.99	8,125	24,294
196.48	8,125	20,150	197.00	8,125	24,375
196.49	8,125	20,231	197.01	8,125	24,456
196.50	8,125	20,313	197.02	8,125	24,538
196.51	8,125	20,394	197.03	8,125	24,619
196.52	8,125	20,475	197.04	8,125	24,700
196.53	8,125	20,556	197.05	8,125	24,781
196.54	8,125	20,637	197.06	8,125	24,863
196.55	8,125	20,719	197.07	8,125	24,944
196.56	8,125	20,800	197.08	8,125	25,025
196.57	8,125	20,881	197.09	8,125	25,106
196.58	8,125	20,963	197.10	8,125	25,187
196.59	8,125	21,044	197.11	8,125	25,269

Stage-Area-Storage for Pond B-37A: Basin #37A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	8,125	25,350	197.64	8,125	29,575
197.13	8,125	25,431	197.65	8,125	29,656
197.14	8,125	25,512	197.66	8,125	29,737
197.15	8,125	25,594	197.67	8,125	29,819
197.16	8,125	25,675	197.68	8,125	29,900
197.17	8,125	25,756	197.69	8,125	29,981
197.18	8,125	25,838	197.70	8,125	30,062
197.19	8,125	25,919	197.71	8,125	30,144
197.20	8,125	26,000	197.72	8,125	30,225
197.21	8,125	26,081	197.73	8,125	30,306
197.22	8,125	26,162	197.74	8,125	30,388
197.23	8,125	26,244	197.75	8,125	30,469
197.24	8,125	26,325	197.76	8,125	30,550
197.25	8,125	26,406	197.77	8,125	30,631
197.26	8,125	26,487	197.78	8,125	30,713
197.27	8,125	26,569	197.79	8,125	30,794
197.28	8,125	26,650	197.80	8,125	30,875
197.29	8,125	26,731	197.81	8,125	30,956
197.30	8,125	26,813	197.82	8,125	31,037
197.31	8,125	26,894	197.83	8,125	31,119
197.32	8,125	26,975	197.84	8,125	31,200
197.33	8,125	27,056	197.85	8,125	31,281
197.34	8,125	27,138	197.86	8,125	31,363
197.35	8,125	27,219	197.87	8,125	31,444
197.36	8,125	27,300	197.88	8,125	31,525
197.37	8,125	27,381	197.89	8,125	31,606
197.38	8,125	27,462	197.90	8,125	31,688
197.39	8,125	27,544	197.91	8,125	31,769
197.40	8,125	27,625	197.92	8,125	31,850
197.41	8,125	27,706	197.93	8,125	31,931
197.42	8,125	27,787	197.94	8,125	32,012
197.43	8,125	27,869	197.95	8,125	32,094
197.44	8,125	27,950	197.96	8,125	32,175
197.45	8,125	28,031	197.97	8,125	32,256
197.46	8,125	28,113	197.98	8,125	32,337
197.47	8,125	28,194	197.99	8,125	32,419
197.48	8,125	28,275	198.00	8,125	32,500
197.49	8,125	28,356			
197.50	8,125	28,438			
197.51	8,125	28,519			
197.52	8,125	28,600			
197.53	8,125	28,681			
197.54	8,125	28,762			
197.55	8,125	28,844			
197.56	8,125	28,925			
197.57	8,125	29,006			
197.58	8,125	29,088			
197.59	8,125	29,169			
197.60	8,125	29,250			
197.61	8,125	29,331			
197.62	8,125	29,413			
197.63	8,125	29,494			

Summary for Pond B-37B: Basin #37B

Inflow Area = 2.179 ac, 53.42% Impervious, Inflow Depth = 9.36" for Future 100 yr event
 Inflow = 20.29 cfs @ 12.09 hrs, Volume= 1.700 af
 Outflow = 3.50 cfs @ 12.66 hrs, Volume= 1.475 af, Atten= 83%, Lag= 34.2 min
 Primary = 3.50 cfs @ 12.66 hrs, Volume= 1.475 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 197.27' @ 12.66 hrs Surf.Area= 12,372 sf Storage= 40,446 cf

Plug-Flow detention time= 318.3 min calculated for 1.475 af (87% of inflow)
 Center-of-Mass det. time= 254.8 min (1,019.5 - 764.7)

Volume	Invert	Avail.Storage	Storage Description
#1	194.00'	49,488 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
194.00	12,372	0	0
195.00	12,372	12,372	12,372
196.00	12,372	12,372	24,744
197.00	12,372	12,372	37,116
198.00	12,372	12,372	49,488

Device	Routing	Invert	Outlet Devices
#1	Primary	192.65'	18.0" Round Culvert L= 265.0' Ke= 0.500 Inlet / Outlet Invert= 192.65' / 191.33' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	194.38'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	195.27'	12.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	197.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	197.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=3.49 cfs @ 12.66 hrs HW=197.27' (Free Discharge)

1=Culvert (Passes 3.49 cfs of 11.86 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 8.03 fps)
 3=Orifice/Grate (Orifice Controls 3.18 cfs @ 6.36 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 0.03 cfs @ 0.45 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir

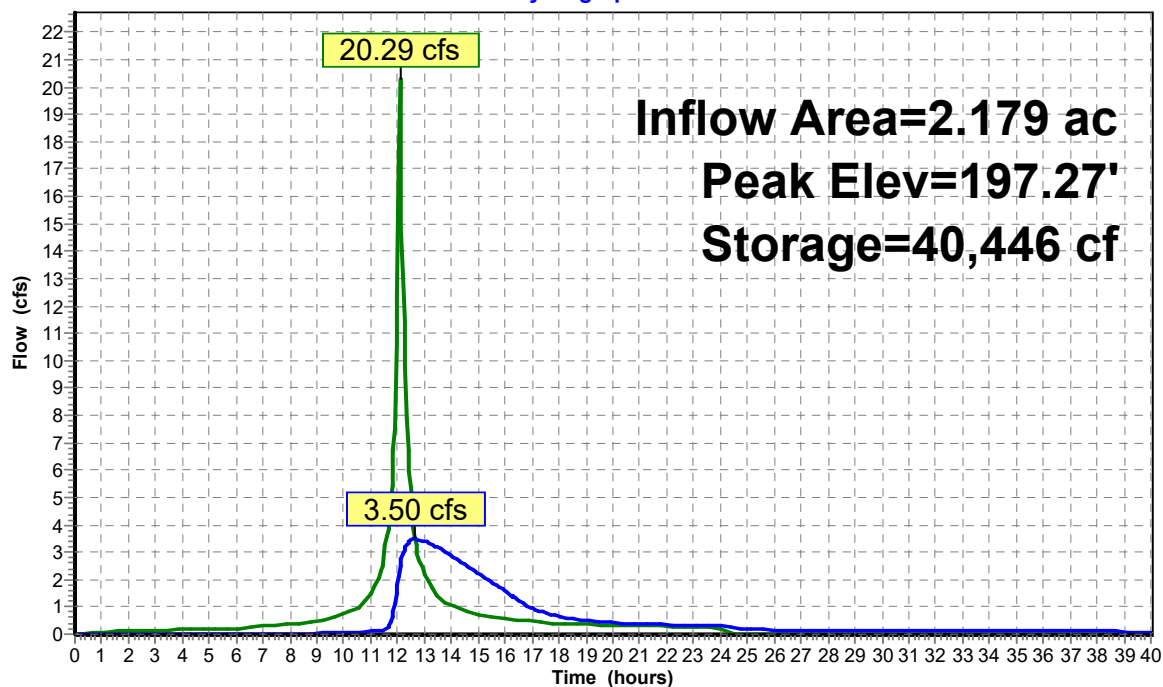
Pond B-37B: Basin #37B

Orifice/Grate

Culvert

Pond B-37B: Basin #37B

Hydrograph



Hydrograph for Pond B-37B: Basin #37B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	194.00	0.00
0.10	0.00	0	194.00	0.00
0.20	0.00	0	194.00	0.00
0.30	0.00	0	194.00	0.00
0.40	0.00	0	194.00	0.00
0.50	0.02	5	194.00	0.00
0.60	0.03	14	194.00	0.00
0.70	0.04	27	194.00	0.00
0.80	0.05	43	194.00	0.00
0.90	0.06	63	194.01	0.00
1.00	0.07	86	194.01	0.00
1.10	0.07	111	194.01	0.00
1.20	0.08	139	194.01	0.00
1.30	0.09	170	194.01	0.00
1.40	0.09	202	194.02	0.00
1.50	0.10	236	194.02	0.00
1.60	0.10	272	194.02	0.00
1.70	0.11	309	194.02	0.00
1.80	0.11	348	194.03	0.00
1.90	0.11	389	194.03	0.00
2.00	0.12	430	194.03	0.00
2.10	0.12	473	194.04	0.00
2.20	0.12	518	194.04	0.00
2.30	0.13	563	194.05	0.00
2.40	0.13	610	194.05	0.00
2.50	0.13	657	194.05	0.00
2.60	0.14	706	194.06	0.00
2.70	0.14	755	194.06	0.00
2.80	0.14	806	194.07	0.00
2.90	0.14	858	194.07	0.00
3.00	0.15	910	194.07	0.00
3.10	0.15	963	194.08	0.00
3.20	0.15	1,017	194.08	0.00
3.30	0.15	1,072	194.09	0.00
3.40	0.16	1,127	194.09	0.00
3.50	0.16	1,184	194.10	0.00
3.60	0.16	1,241	194.10	0.00
3.70	0.16	1,298	194.10	0.00
3.80	0.16	1,357	194.11	0.00
3.90	0.17	1,416	194.11	0.00
4.00	0.17	1,476	194.12	0.00
4.10	0.17	1,537	194.12	0.00
4.20	0.17	1,598	194.13	0.00
4.30	0.17	1,660	194.13	0.00
4.40	0.17	1,723	194.14	0.00
4.50	0.18	1,786	194.14	0.00
4.60	0.18	1,849	194.15	0.00
4.70	0.18	1,914	194.15	0.00
4.80	0.18	1,979	194.16	0.00
4.90	0.18	2,044	194.17	0.00
5.00	0.18	2,111	194.17	0.00
5.10	0.19	2,178	194.18	0.00

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.19	2,245	194.18	0.00
5.30	0.19	2,313	194.19	0.00
5.40	0.19	2,383	194.19	0.00
5.50	0.20	2,454	194.20	0.00
5.60	0.20	2,525	194.20	0.00
5.70	0.20	2,598	194.21	0.00
5.80	0.21	2,672	194.22	0.00
5.90	0.21	2,748	194.22	0.00
6.00	0.21	2,824	194.23	0.00
6.10	0.22	2,902	194.23	0.00
6.20	0.23	2,983	194.24	0.00
6.30	0.24	3,067	194.25	0.00
6.40	0.24	3,153	194.25	0.00
6.50	0.25	3,242	194.26	0.00
6.60	0.26	3,334	194.27	0.00
6.70	0.27	3,428	194.28	0.00
6.80	0.27	3,525	194.28	0.00
6.90	0.28	3,625	194.29	0.00
7.00	0.29	3,728	194.30	0.00
7.10	0.30	3,834	194.31	0.00
7.20	0.31	3,943	194.32	0.00
7.30	0.31	4,055	194.33	0.00
7.40	0.32	4,170	194.34	0.00
7.50	0.33	4,288	194.35	0.00
7.60	0.34	4,408	194.36	0.00
7.70	0.35	4,532	194.37	0.00
7.80	0.36	4,659	194.38	0.00
7.90	0.37	4,789	194.39	0.00
8.00	0.38	4,923	194.40	0.00
8.10	0.38	5,059	194.41	0.00
8.20	0.39	5,198	194.42	0.00
8.30	0.40	5,339	194.43	0.01
8.40	0.41	5,483	194.44	0.01
8.50	0.42	5,629	194.46	0.01
8.60	0.43	5,778	194.47	0.01
8.70	0.44	5,929	194.48	0.02
8.80	0.45	6,082	194.49	0.02
8.90	0.46	6,237	194.50	0.03
9.00	0.47	6,394	194.52	0.03
9.10	0.49	6,555	194.53	0.03
9.20	0.52	6,725	194.54	0.04
9.30	0.55	6,902	194.56	0.04
9.40	0.58	7,088	194.57	0.05
9.50	0.61	7,283	194.59	0.05
9.60	0.64	7,488	194.61	0.06
9.70	0.67	7,701	194.62	0.06
9.80	0.70	7,925	194.64	0.06
9.90	0.73	8,158	194.66	0.07
10.00	0.76	8,401	194.68	0.07
10.10	0.79	8,654	194.70	0.08
10.20	0.83	8,918	194.72	0.08
10.30	0.86	9,192	194.74	0.08

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.89	9,477	194.77	0.09
10.50	0.93	9,773	194.79	0.09
10.60	1.02	10,092	194.82	0.09
10.70	1.12	10,445	194.84	0.10
10.80	1.23	10,835	194.88	0.10
10.90	1.35	11,266	194.91	0.11
11.00	1.47	11,737	194.95	0.11
11.10	1.66	12,266	194.99	0.12
11.20	1.87	12,864	195.04	0.12
11.30	2.09	13,538	195.09	0.13
11.40	2.32	14,291	195.16	0.13
11.50	2.55	15,120	195.22	0.14
11.60	3.59	16,203	195.31	0.18
11.70	4.08	17,497	195.41	0.34
11.80	5.43	19,076	195.54	0.62
11.90	7.51	21,141	195.71	1.12
12.00	12.39	24,321	195.97	1.78
12.10	20.16	29,665	196.40	2.47
12.20	13.12	34,344	196.78	2.94
12.30	9.80	37,357	197.02	3.21
12.40	6.72	39,076	197.16	3.35
12.50	5.39	40,016	197.23	3.42
12.60	3.91	40,402	197.27	3.49
12.70	3.26	40,428	197.27	3.49
12.80	2.81	40,259	197.25	3.45
12.90	2.51	39,974	197.23	3.42
13.00	2.25	39,598	197.20	3.39
13.10	2.00	39,143	197.16	3.35
13.20	1.82	38,626	197.12	3.31
13.30	1.67	38,066	197.08	3.26
13.40	1.53	37,471	197.03	3.22
13.50	1.39	36,845	196.98	3.16
13.60	1.26	36,191	196.93	3.11
13.70	1.19	35,523	196.87	3.05
13.80	1.13	34,853	196.82	2.99
13.90	1.10	34,189	196.76	2.93
14.00	1.06	33,532	196.71	2.87
14.10	1.02	32,885	196.66	2.80
14.20	0.99	32,248	196.61	2.74
14.30	0.95	31,621	196.56	2.68
14.40	0.92	31,003	196.51	2.62
14.50	0.89	30,397	196.46	2.55
14.60	0.85	29,800	196.41	2.49
14.70	0.82	29,215	196.36	2.42
14.80	0.78	28,640	196.31	2.36
14.90	0.75	28,077	196.27	2.29
15.00	0.71	27,525	196.22	2.23
15.10	0.68	26,984	196.18	2.16
15.20	0.66	26,459	196.14	2.09
15.30	0.64	25,952	196.10	2.02
15.40	0.63	25,466	196.06	1.96
15.50	0.62	25,000	196.02	1.89

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.61	24,555	195.98	1.82
15.70	0.60	24,130	195.95	1.75
15.80	0.59	23,726	195.92	1.69
15.90	0.59	23,344	195.89	1.62
16.00	0.58	22,981	195.86	1.55
16.10	0.57	22,640	195.83	1.49
16.20	0.56	22,319	195.80	1.42
16.30	0.55	22,020	195.78	1.35
16.40	0.54	21,744	195.76	1.28
16.50	0.53	21,489	195.74	1.21
16.60	0.52	21,255	195.72	1.14
16.70	0.51	21,039	195.70	1.09
16.80	0.50	20,839	195.68	1.04
16.90	0.49	20,654	195.67	0.99
17.00	0.49	20,482	195.66	0.95
17.10	0.48	20,321	195.64	0.91
17.20	0.47	20,171	195.63	0.87
17.30	0.46	20,029	195.62	0.84
17.40	0.45	19,896	195.61	0.81
17.50	0.44	19,771	195.60	0.78
17.60	0.43	19,652	195.59	0.75
17.70	0.42	19,540	195.58	0.72
17.80	0.41	19,432	195.57	0.70
17.90	0.40	19,330	195.56	0.68
18.00	0.39	19,233	195.55	0.66
18.10	0.38	19,139	195.55	0.64
18.20	0.38	19,050	195.54	0.62
18.30	0.37	18,966	195.53	0.60
18.40	0.37	18,886	195.53	0.59
18.50	0.37	18,812	195.52	0.57
18.60	0.37	18,742	195.51	0.56
18.70	0.36	18,676	195.51	0.54
18.80	0.36	18,613	195.50	0.53
18.90	0.36	18,554	195.50	0.52
19.00	0.36	18,498	195.50	0.51
19.10	0.36	18,445	195.49	0.50
19.20	0.35	18,395	195.49	0.49
19.30	0.35	18,347	195.48	0.48
19.40	0.35	18,302	195.48	0.47
19.50	0.35	18,259	195.48	0.46
19.60	0.34	18,217	195.47	0.46
19.70	0.34	18,178	195.47	0.45
19.80	0.34	18,140	195.47	0.44
19.90	0.34	18,104	195.46	0.44
20.00	0.33	18,069	195.46	0.43
20.10	0.33	18,035	195.46	0.42
20.20	0.33	18,003	195.46	0.42
20.30	0.33	17,971	195.45	0.41
20.40	0.33	17,941	195.45	0.41
20.50	0.32	17,912	195.45	0.40
20.60	0.32	17,884	195.45	0.40
20.70	0.32	17,857	195.44	0.39

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.32	17,831	195.44	0.39
20.90	0.31	17,805	195.44	0.38
21.00	0.31	17,780	195.44	0.38
21.10	0.31	17,756	195.44	0.38
21.20	0.31	17,732	195.43	0.37
21.30	0.31	17,709	195.43	0.37
21.40	0.30	17,686	195.43	0.37
21.50	0.30	17,664	195.43	0.36
21.60	0.30	17,642	195.43	0.36
21.70	0.30	17,620	195.42	0.35
21.80	0.29	17,599	195.42	0.35
21.90	0.29	17,579	195.42	0.35
22.00	0.29	17,558	195.42	0.34
22.10	0.29	17,538	195.42	0.34
22.20	0.28	17,518	195.42	0.34
22.30	0.28	17,499	195.41	0.34
22.40	0.28	17,480	195.41	0.33
22.50	0.28	17,460	195.41	0.33
22.60	0.28	17,442	195.41	0.33
22.70	0.27	17,423	195.41	0.32
22.80	0.27	17,405	195.41	0.32
22.90	0.27	17,386	195.41	0.32
23.00	0.27	17,369	195.40	0.32
23.10	0.26	17,351	195.40	0.31
23.20	0.26	17,333	195.40	0.31
23.30	0.26	17,315	195.40	0.31
23.40	0.26	17,298	195.40	0.30
23.50	0.25	17,281	195.40	0.30
23.60	0.25	17,263	195.40	0.30
23.70	0.25	17,246	195.39	0.30
23.80	0.25	17,229	195.39	0.30
23.90	0.25	17,211	195.39	0.29
24.00	0.27	17,201	195.39	0.29
24.10	0.11	17,160	195.39	0.29
24.20	0.05	17,089	195.38	0.28
24.30	0.02	17,003	195.37	0.26
24.40	0.01	16,914	195.37	0.25
24.50	0.00	16,827	195.36	0.24
24.60	0.00	16,742	195.35	0.23
24.70	0.00	16,661	195.35	0.22
24.80	0.00	16,582	195.34	0.21
24.90	0.00	16,507	195.33	0.21
25.00	0.00	16,434	195.33	0.20
25.10	0.00	16,365	195.32	0.19
25.20	0.00	16,298	195.32	0.18
25.30	0.00	16,232	195.31	0.18
25.40	0.00	16,169	195.31	0.17
25.50	0.00	16,107	195.30	0.17
25.60	0.00	16,047	195.30	0.17
25.70	0.00	15,988	195.29	0.16
25.80	0.00	15,931	195.29	0.16
25.90	0.00	15,875	195.28	0.15

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	15,821	195.28	0.15
26.10	0.00	15,768	195.27	0.15
26.20	0.00	15,715	195.27	0.15
26.30	0.00	15,663	195.27	0.15
26.40	0.00	15,611	195.26	0.14
26.50	0.00	15,559	195.26	0.14
26.60	0.00	15,507	195.25	0.14
26.70	0.00	15,455	195.25	0.14
26.80	0.00	15,403	195.25	0.14
26.90	0.00	15,352	195.24	0.14
27.00	0.00	15,301	195.24	0.14
27.10	0.00	15,249	195.23	0.14
27.20	0.00	15,198	195.23	0.14
27.30	0.00	15,147	195.22	0.14
27.40	0.00	15,097	195.22	0.14
27.50	0.00	15,046	195.22	0.14
27.60	0.00	14,996	195.21	0.14
27.70	0.00	14,945	195.21	0.14
27.80	0.00	14,895	195.20	0.14
27.90	0.00	14,845	195.20	0.14
28.00	0.00	14,795	195.20	0.14
28.10	0.00	14,745	195.19	0.14
28.20	0.00	14,696	195.19	0.14
28.30	0.00	14,646	195.18	0.14
28.40	0.00	14,597	195.18	0.14
28.50	0.00	14,548	195.18	0.14
28.60	0.00	14,499	195.17	0.14
28.70	0.00	14,450	195.17	0.14
28.80	0.00	14,401	195.16	0.14
28.90	0.00	14,352	195.16	0.13
29.00	0.00	14,304	195.16	0.13
29.10	0.00	14,255	195.15	0.13
29.20	0.00	14,207	195.15	0.13
29.30	0.00	14,159	195.14	0.13
29.40	0.00	14,111	195.14	0.13
29.50	0.00	14,063	195.14	0.13
29.60	0.00	14,016	195.13	0.13
29.70	0.00	13,968	195.13	0.13
29.80	0.00	13,921	195.13	0.13
29.90	0.00	13,873	195.12	0.13
30.00	0.00	13,826	195.12	0.13
30.10	0.00	13,779	195.11	0.13
30.20	0.00	13,733	195.11	0.13
30.30	0.00	13,686	195.11	0.13
30.40	0.00	13,639	195.10	0.13
30.50	0.00	13,593	195.10	0.13
30.60	0.00	13,547	195.09	0.13
30.70	0.00	13,501	195.09	0.13
30.80	0.00	13,455	195.09	0.13
30.90	0.00	13,409	195.08	0.13
31.00	0.00	13,363	195.08	0.13
31.10	0.00	13,318	195.08	0.13

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	13,272	195.07	0.13
31.30	0.00	13,227	195.07	0.13
31.40	0.00	13,182	195.07	0.13
31.50	0.00	13,137	195.06	0.12
31.60	0.00	13,092	195.06	0.12
31.70	0.00	13,047	195.05	0.12
31.80	0.00	13,003	195.05	0.12
31.90	0.00	12,958	195.05	0.12
32.00	0.00	12,914	195.04	0.12
32.10	0.00	12,870	195.04	0.12
32.20	0.00	12,826	195.04	0.12
32.30	0.00	12,782	195.03	0.12
32.40	0.00	12,738	195.03	0.12
32.50	0.00	12,695	195.03	0.12
32.60	0.00	12,651	195.02	0.12
32.70	0.00	12,608	195.02	0.12
32.80	0.00	12,565	195.02	0.12
32.90	0.00	12,522	195.01	0.12
33.00	0.00	12,479	195.01	0.12
33.10	0.00	12,437	195.01	0.12
33.20	0.00	12,394	195.00	0.12
33.30	0.00	12,351	195.00	0.12
33.40	0.00	12,309	194.99	0.12
33.50	0.00	12,267	194.99	0.12
33.60	0.00	12,225	194.99	0.12
33.70	0.00	12,183	194.98	0.12
33.80	0.00	12,141	194.98	0.12
33.90	0.00	12,100	194.98	0.12
34.00	0.00	12,058	194.97	0.11
34.10	0.00	12,017	194.97	0.11
34.20	0.00	11,976	194.97	0.11
34.30	0.00	11,935	194.96	0.11
34.40	0.00	11,894	194.96	0.11
34.50	0.00	11,853	194.96	0.11
34.60	0.00	11,813	194.95	0.11
34.70	0.00	11,772	194.95	0.11
34.80	0.00	11,732	194.95	0.11
34.90	0.00	11,692	194.95	0.11
35.00	0.00	11,652	194.94	0.11
35.10	0.00	11,612	194.94	0.11
35.20	0.00	11,572	194.94	0.11
35.30	0.00	11,532	194.93	0.11
35.40	0.00	11,493	194.93	0.11
35.50	0.00	11,454	194.93	0.11
35.60	0.00	11,414	194.92	0.11
35.70	0.00	11,375	194.92	0.11
35.80	0.00	11,336	194.92	0.11
35.90	0.00	11,298	194.91	0.11
36.00	0.00	11,259	194.91	0.11
36.10	0.00	11,221	194.91	0.11
36.20	0.00	11,182	194.90	0.11
36.30	0.00	11,144	194.90	0.11

Hydrograph for Pond B-37B: Basin #37B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	11,106	194.90	0.11
36.50	0.00	11,068	194.89	0.11
36.60	0.00	11,030	194.89	0.10
36.70	0.00	10,993	194.89	0.10
36.80	0.00	10,955	194.89	0.10
36.90	0.00	10,918	194.88	0.10
37.00	0.00	10,881	194.88	0.10
37.10	0.00	10,844	194.88	0.10
37.20	0.00	10,807	194.87	0.10
37.30	0.00	10,770	194.87	0.10
37.40	0.00	10,733	194.87	0.10
37.50	0.00	10,697	194.86	0.10
37.60	0.00	10,660	194.86	0.10
37.70	0.00	10,624	194.86	0.10
37.80	0.00	10,588	194.86	0.10
37.90	0.00	10,552	194.85	0.10
38.00	0.00	10,516	194.85	0.10
38.10	0.00	10,481	194.85	0.10
38.20	0.00	10,445	194.84	0.10
38.30	0.00	10,410	194.84	0.10
38.40	0.00	10,374	194.84	0.10
38.50	0.00	10,339	194.84	0.10
38.60	0.00	10,304	194.83	0.10
38.70	0.00	10,270	194.83	0.10
38.80	0.00	10,235	194.83	0.10
38.90	0.00	10,200	194.82	0.10
39.00	0.00	10,166	194.82	0.10
39.10	0.00	10,132	194.82	0.09
39.20	0.00	10,098	194.82	0.09
39.30	0.00	10,064	194.81	0.09
39.40	0.00	10,030	194.81	0.09
39.50	0.00	9,996	194.81	0.09
39.60	0.00	9,963	194.81	0.09
39.70	0.00	9,929	194.80	0.09
39.80	0.00	9,896	194.80	0.09
39.90	0.00	9,863	194.80	0.09
40.00	0.00	9,830	194.79	0.09

Stage-Discharge for Pond B-37B: Basin #37B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
194.00	0.00	194.52	0.03	195.04	0.12	195.56	0.67
194.01	0.00	194.53	0.03	195.05	0.12	195.57	0.70
194.02	0.00	194.54	0.04	195.06	0.12	195.58	0.73
194.03	0.00	194.55	0.04	195.07	0.13	195.59	0.75
194.04	0.00	194.56	0.05	195.08	0.13	195.60	0.78
194.05	0.00	194.57	0.05	195.09	0.13	195.61	0.81
194.06	0.00	194.58	0.05	195.10	0.13	195.62	0.84
194.07	0.00	194.59	0.05	195.11	0.13	195.63	0.87
194.08	0.00	194.60	0.06	195.12	0.13	195.64	0.90
194.09	0.00	194.61	0.06	195.13	0.13	195.65	0.93
194.10	0.00	194.62	0.06	195.14	0.13	195.66	0.96
194.11	0.00	194.63	0.06	195.15	0.13	195.67	0.99
194.12	0.00	194.64	0.06	195.16	0.13	195.68	1.02
194.13	0.00	194.65	0.07	195.17	0.14	195.69	1.05
194.14	0.00	194.66	0.07	195.18	0.14	195.70	1.09
194.15	0.00	194.67	0.07	195.19	0.14	195.71	1.12
194.16	0.00	194.68	0.07	195.20	0.14	195.72	1.15
194.17	0.00	194.69	0.07	195.21	0.14	195.73	1.18
194.18	0.00	194.70	0.08	195.22	0.14	195.74	1.22
194.19	0.00	194.71	0.08	195.23	0.14	195.75	1.25
194.20	0.00	194.72	0.08	195.24	0.14	195.76	1.29
194.21	0.00	194.73	0.08	195.25	0.14	195.77	1.32
194.22	0.00	194.74	0.08	195.26	0.14	195.78	1.35
194.23	0.00	194.75	0.08	195.27	0.15	195.79	1.38
194.24	0.00	194.76	0.09	195.28	0.15	195.80	1.41
194.25	0.00	194.77	0.09	195.29	0.16	195.81	1.44
194.26	0.00	194.78	0.09	195.30	0.16	195.82	1.46
194.27	0.00	194.79	0.09	195.31	0.17	195.83	1.49
194.28	0.00	194.80	0.09	195.32	0.19	195.84	1.51
194.29	0.00	194.81	0.09	195.33	0.20	195.85	1.54
194.30	0.00	194.82	0.10	195.34	0.21	195.86	1.56
194.31	0.00	194.83	0.10	195.35	0.23	195.87	1.58
194.32	0.00	194.84	0.10	195.36	0.24	195.88	1.61
194.33	0.00	194.85	0.10	195.37	0.26	195.89	1.63
194.34	0.00	194.86	0.10	195.38	0.27	195.90	1.65
194.35	0.00	194.87	0.10	195.39	0.29	195.91	1.67
194.36	0.00	194.88	0.10	195.40	0.31	195.92	1.69
194.37	0.00	194.89	0.10	195.41	0.33	195.93	1.71
194.38	0.00	194.90	0.11	195.42	0.35	195.94	1.73
194.39	0.00	194.91	0.11	195.43	0.37	195.95	1.75
194.40	0.00	194.92	0.11	195.44	0.39	195.96	1.77
194.41	0.00	194.93	0.11	195.45	0.41	195.97	1.79
194.42	0.00	194.94	0.11	195.46	0.43	195.98	1.81
194.43	0.00	194.95	0.11	195.47	0.45	195.99	1.83
194.44	0.01	194.96	0.11	195.48	0.47	196.00	1.85
194.45	0.01	194.97	0.11	195.49	0.50	196.01	1.87
194.46	0.01	194.98	0.12	195.50	0.52	196.02	1.89
194.47	0.01	194.99	0.12	195.51	0.54	196.03	1.91
194.48	0.02	195.00	0.12	195.52	0.57	196.04	1.92
194.49	0.02	195.01	0.12	195.53	0.59	196.05	1.94
194.50	0.02	195.02	0.12	195.54	0.62	196.06	1.96
194.51	0.03	195.03	0.12	195.55	0.65	196.07	1.98

Stage-Discharge for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
196.08	1.99	196.60	2.74	197.12	3.31	197.64	13.09
196.09	2.01	196.61	2.75	197.13	3.32	197.65	13.89
196.10	2.03	196.62	2.76	197.14	3.33	197.66	14.72
196.11	2.04	196.63	2.77	197.15	3.34	197.67	15.57
196.12	2.06	196.64	2.78	197.16	3.35	197.68	16.45
196.13	2.08	196.65	2.80	197.17	3.36	197.69	17.35
196.14	2.09	196.66	2.81	197.18	3.37	197.70	18.27
196.15	2.11	196.67	2.82	197.19	3.38	197.71	19.25
196.16	2.13	196.68	2.83	197.20	3.39	197.72	20.26
196.17	2.14	196.69	2.84	197.21	3.40	197.73	21.30
196.18	2.16	196.70	2.85	197.22	3.41	197.74	22.36
196.19	2.17	196.71	2.87	197.23	3.42	197.75	23.45
196.20	2.19	196.72	2.88	197.24	3.43	197.76	24.57
196.21	2.20	196.73	2.89	197.25	3.44	197.77	25.71
196.22	2.22	196.74	2.90	197.26	3.46	197.78	26.88
196.23	2.23	196.75	2.91	197.27	3.49	197.79	28.07
196.24	2.25	196.76	2.92	197.28	3.53	197.80	29.29
196.25	2.26	196.77	2.94	197.29	3.58	197.81	30.53
196.26	2.28	196.78	2.95	197.30	3.63	197.82	31.80
196.27	2.29	196.79	2.96	197.31	3.69	197.83	33.10
196.28	2.31	196.80	2.97	197.32	3.75	197.84	34.42
196.29	2.32	196.81	2.98	197.33	3.81	197.85	35.77
196.30	2.34	196.82	2.99	197.34	3.87	197.86	37.14
196.31	2.35	196.83	3.00	197.35	3.94	197.87	38.54
196.32	2.37	196.84	3.01	197.36	4.02	197.88	39.96
196.33	2.38	196.85	3.02	197.37	4.09	197.89	41.41
196.34	2.40	196.86	3.04	197.38	4.17	197.90	42.88
196.35	2.41	196.87	3.05	197.39	4.25	197.91	44.40
196.36	2.42	196.88	3.06	197.40	4.33	197.92	45.95
196.37	2.44	196.89	3.07	197.41	4.42	197.93	47.53
196.38	2.45	196.90	3.08	197.42	4.51	197.94	49.14
196.39	2.46	196.91	3.09	197.43	4.60	197.95	50.77
196.40	2.48	196.92	3.10	197.44	4.69	197.96	52.43
196.41	2.49	196.93	3.11	197.45	4.78	197.97	54.12
196.42	2.50	196.94	3.12	197.46	4.88	197.98	55.83
196.43	2.52	196.95	3.13	197.47	4.98	197.99	57.57
196.44	2.53	196.96	3.14	197.48	5.08	198.00	59.34
196.45	2.54	196.97	3.15	197.49	5.18		
196.46	2.56	196.98	3.16	197.50	5.28		
196.47	2.57	196.99	3.18	197.51	5.51		
196.48	2.58	197.00	3.19	197.52	5.83		
196.49	2.60	197.01	3.20	197.53	6.22		
196.50	2.61	197.02	3.21	197.54	6.66		
196.51	2.62	197.03	3.22	197.55	7.14		
196.52	2.64	197.04	3.23	197.56	7.67		
196.53	2.65	197.05	3.24	197.57	8.24		
196.54	2.66	197.06	3.25	197.58	8.84		
196.55	2.67	197.07	3.26	197.59	9.47		
196.56	2.69	197.08	3.27	197.60	10.14		
196.57	2.70	197.09	3.28	197.61	10.83		
196.58	2.71	197.10	3.29	197.62	11.56		
196.59	2.72	197.11	3.30	197.63	12.31		

Stage-Area-Storage for Pond B-37B: Basin #37B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
194.00	12,372	0	194.52	12,372	6,433
194.01	12,372	124	194.53	12,372	6,557
194.02	12,372	247	194.54	12,372	6,681
194.03	12,372	371	194.55	12,372	6,805
194.04	12,372	495	194.56	12,372	6,928
194.05	12,372	619	194.57	12,372	7,052
194.06	12,372	742	194.58	12,372	7,176
194.07	12,372	866	194.59	12,372	7,299
194.08	12,372	990	194.60	12,372	7,423
194.09	12,372	1,113	194.61	12,372	7,547
194.10	12,372	1,237	194.62	12,372	7,671
194.11	12,372	1,361	194.63	12,372	7,794
194.12	12,372	1,485	194.64	12,372	7,918
194.13	12,372	1,608	194.65	12,372	8,042
194.14	12,372	1,732	194.66	12,372	8,166
194.15	12,372	1,856	194.67	12,372	8,289
194.16	12,372	1,980	194.68	12,372	8,413
194.17	12,372	2,103	194.69	12,372	8,537
194.18	12,372	2,227	194.70	12,372	8,660
194.19	12,372	2,351	194.71	12,372	8,784
194.20	12,372	2,474	194.72	12,372	8,908
194.21	12,372	2,598	194.73	12,372	9,032
194.22	12,372	2,722	194.74	12,372	9,155
194.23	12,372	2,846	194.75	12,372	9,279
194.24	12,372	2,969	194.76	12,372	9,403
194.25	12,372	3,093	194.77	12,372	9,526
194.26	12,372	3,217	194.78	12,372	9,650
194.27	12,372	3,340	194.79	12,372	9,774
194.28	12,372	3,464	194.80	12,372	9,898
194.29	12,372	3,588	194.81	12,372	10,021
194.30	12,372	3,712	194.82	12,372	10,145
194.31	12,372	3,835	194.83	12,372	10,269
194.32	12,372	3,959	194.84	12,372	10,392
194.33	12,372	4,083	194.85	12,372	10,516
194.34	12,372	4,206	194.86	12,372	10,640
194.35	12,372	4,330	194.87	12,372	10,764
194.36	12,372	4,454	194.88	12,372	10,887
194.37	12,372	4,578	194.89	12,372	11,011
194.38	12,372	4,701	194.90	12,372	11,135
194.39	12,372	4,825	194.91	12,372	11,259
194.40	12,372	4,949	194.92	12,372	11,382
194.41	12,372	5,073	194.93	12,372	11,506
194.42	12,372	5,196	194.94	12,372	11,630
194.43	12,372	5,320	194.95	12,372	11,753
194.44	12,372	5,444	194.96	12,372	11,877
194.45	12,372	5,567	194.97	12,372	12,001
194.46	12,372	5,691	194.98	12,372	12,125
194.47	12,372	5,815	194.99	12,372	12,248
194.48	12,372	5,939	195.00	12,372	12,372
194.49	12,372	6,062	195.01	12,372	12,496
194.50	12,372	6,186	195.02	12,372	12,619
194.51	12,372	6,310	195.03	12,372	12,743

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
195.04	12,372	12,867	195.56	12,372	19,300
195.05	12,372	12,991	195.57	12,372	19,424
195.06	12,372	13,114	195.58	12,372	19,548
195.07	12,372	13,238	195.59	12,372	19,671
195.08	12,372	13,362	195.60	12,372	19,795
195.09	12,372	13,485	195.61	12,372	19,919
195.10	12,372	13,609	195.62	12,372	20,043
195.11	12,372	13,733	195.63	12,372	20,166
195.12	12,372	13,857	195.64	12,372	20,290
195.13	12,372	13,980	195.65	12,372	20,414
195.14	12,372	14,104	195.66	12,372	20,538
195.15	12,372	14,228	195.67	12,372	20,661
195.16	12,372	14,352	195.68	12,372	20,785
195.17	12,372	14,475	195.69	12,372	20,909
195.18	12,372	14,599	195.70	12,372	21,032
195.19	12,372	14,723	195.71	12,372	21,156
195.20	12,372	14,846	195.72	12,372	21,280
195.21	12,372	14,970	195.73	12,372	21,404
195.22	12,372	15,094	195.74	12,372	21,527
195.23	12,372	15,218	195.75	12,372	21,651
195.24	12,372	15,341	195.76	12,372	21,775
195.25	12,372	15,465	195.77	12,372	21,898
195.26	12,372	15,589	195.78	12,372	22,022
195.27	12,372	15,712	195.79	12,372	22,146
195.28	12,372	15,836	195.80	12,372	22,270
195.29	12,372	15,960	195.81	12,372	22,393
195.30	12,372	16,084	195.82	12,372	22,517
195.31	12,372	16,207	195.83	12,372	22,641
195.32	12,372	16,331	195.84	12,372	22,764
195.33	12,372	16,455	195.85	12,372	22,888
195.34	12,372	16,578	195.86	12,372	23,012
195.35	12,372	16,702	195.87	12,372	23,136
195.36	12,372	16,826	195.88	12,372	23,259
195.37	12,372	16,950	195.89	12,372	23,383
195.38	12,372	17,073	195.90	12,372	23,507
195.39	12,372	17,197	195.91	12,372	23,631
195.40	12,372	17,321	195.92	12,372	23,754
195.41	12,372	17,445	195.93	12,372	23,878
195.42	12,372	17,568	195.94	12,372	24,002
195.43	12,372	17,692	195.95	12,372	24,125
195.44	12,372	17,816	195.96	12,372	24,249
195.45	12,372	17,939	195.97	12,372	24,373
195.46	12,372	18,063	195.98	12,372	24,497
195.47	12,372	18,187	195.99	12,372	24,620
195.48	12,372	18,311	196.00	12,372	24,744
195.49	12,372	18,434	196.01	12,372	24,868
195.50	12,372	18,558	196.02	12,372	24,991
195.51	12,372	18,682	196.03	12,372	25,115
195.52	12,372	18,805	196.04	12,372	25,239
195.53	12,372	18,929	196.05	12,372	25,363
195.54	12,372	19,053	196.06	12,372	25,486
195.55	12,372	19,177	196.07	12,372	25,610

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
196.08	12,372	25,734	196.60	12,372	32,167
196.09	12,372	25,857	196.61	12,372	32,291
196.10	12,372	25,981	196.62	12,372	32,415
196.11	12,372	26,105	196.63	12,372	32,538
196.12	12,372	26,229	196.64	12,372	32,662
196.13	12,372	26,352	196.65	12,372	32,786
196.14	12,372	26,476	196.66	12,372	32,910
196.15	12,372	26,600	196.67	12,372	33,033
196.16	12,372	26,724	196.68	12,372	33,157
196.17	12,372	26,847	196.69	12,372	33,281
196.18	12,372	26,971	196.70	12,372	33,404
196.19	12,372	27,095	196.71	12,372	33,528
196.20	12,372	27,218	196.72	12,372	33,652
196.21	12,372	27,342	196.73	12,372	33,776
196.22	12,372	27,466	196.74	12,372	33,899
196.23	12,372	27,590	196.75	12,372	34,023
196.24	12,372	27,713	196.76	12,372	34,147
196.25	12,372	27,837	196.77	12,372	34,270
196.26	12,372	27,961	196.78	12,372	34,394
196.27	12,372	28,084	196.79	12,372	34,518
196.28	12,372	28,208	196.80	12,372	34,642
196.29	12,372	28,332	196.81	12,372	34,765
196.30	12,372	28,456	196.82	12,372	34,889
196.31	12,372	28,579	196.83	12,372	35,013
196.32	12,372	28,703	196.84	12,372	35,136
196.33	12,372	28,827	196.85	12,372	35,260
196.34	12,372	28,950	196.86	12,372	35,384
196.35	12,372	29,074	196.87	12,372	35,508
196.36	12,372	29,198	196.88	12,372	35,631
196.37	12,372	29,322	196.89	12,372	35,755
196.38	12,372	29,445	196.90	12,372	35,879
196.39	12,372	29,569	196.91	12,372	36,003
196.40	12,372	29,693	196.92	12,372	36,126
196.41	12,372	29,817	196.93	12,372	36,250
196.42	12,372	29,940	196.94	12,372	36,374
196.43	12,372	30,064	196.95	12,372	36,497
196.44	12,372	30,188	196.96	12,372	36,621
196.45	12,372	30,311	196.97	12,372	36,745
196.46	12,372	30,435	196.98	12,372	36,869
196.47	12,372	30,559	196.99	12,372	36,992
196.48	12,372	30,683	197.00	12,372	37,116
196.49	12,372	30,806	197.01	12,372	37,240
196.50	12,372	30,930	197.02	12,372	37,363
196.51	12,372	31,054	197.03	12,372	37,487
196.52	12,372	31,177	197.04	12,372	37,611
196.53	12,372	31,301	197.05	12,372	37,735
196.54	12,372	31,425	197.06	12,372	37,858
196.55	12,372	31,549	197.07	12,372	37,982
196.56	12,372	31,672	197.08	12,372	38,106
196.57	12,372	31,796	197.09	12,372	38,229
196.58	12,372	31,920	197.10	12,372	38,353
196.59	12,372	32,043	197.11	12,372	38,477

Stage-Area-Storage for Pond B-37B: Basin #37B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
197.12	12,372	38,601	197.64	12,372	45,034
197.13	12,372	38,724	197.65	12,372	45,158
197.14	12,372	38,848	197.66	12,372	45,282
197.15	12,372	38,972	197.67	12,372	45,405
197.16	12,372	39,096	197.68	12,372	45,529
197.17	12,372	39,219	197.69	12,372	45,653
197.18	12,372	39,343	197.70	12,372	45,776
197.19	12,372	39,467	197.71	12,372	45,900
197.20	12,372	39,590	197.72	12,372	46,024
197.21	12,372	39,714	197.73	12,372	46,148
197.22	12,372	39,838	197.74	12,372	46,271
197.23	12,372	39,962	197.75	12,372	46,395
197.24	12,372	40,085	197.76	12,372	46,519
197.25	12,372	40,209	197.77	12,372	46,642
197.26	12,372	40,333	197.78	12,372	46,766
197.27	12,372	40,456	197.79	12,372	46,890
197.28	12,372	40,580	197.80	12,372	47,014
197.29	12,372	40,704	197.81	12,372	47,137
197.30	12,372	40,828	197.82	12,372	47,261
197.31	12,372	40,951	197.83	12,372	47,385
197.32	12,372	41,075	197.84	12,372	47,508
197.33	12,372	41,199	197.85	12,372	47,632
197.34	12,372	41,322	197.86	12,372	47,756
197.35	12,372	41,446	197.87	12,372	47,880
197.36	12,372	41,570	197.88	12,372	48,003
197.37	12,372	41,694	197.89	12,372	48,127
197.38	12,372	41,817	197.90	12,372	48,251
197.39	12,372	41,941	197.91	12,372	48,375
197.40	12,372	42,065	197.92	12,372	48,498
197.41	12,372	42,189	197.93	12,372	48,622
197.42	12,372	42,312	197.94	12,372	48,746
197.43	12,372	42,436	197.95	12,372	48,869
197.44	12,372	42,560	197.96	12,372	48,993
197.45	12,372	42,683	197.97	12,372	49,117
197.46	12,372	42,807	197.98	12,372	49,241
197.47	12,372	42,931	197.99	12,372	49,364
197.48	12,372	43,055	198.00	12,372	49,488
197.49	12,372	43,178			
197.50	12,372	43,302			
197.51	12,372	43,426			
197.52	12,372	43,549			
197.53	12,372	43,673			
197.54	12,372	43,797			
197.55	12,372	43,921			
197.56	12,372	44,044			
197.57	12,372	44,168			
197.58	12,372	44,292			
197.59	12,372	44,415			
197.60	12,372	44,539			
197.61	12,372	44,663			
197.62	12,372	44,787			
197.63	12,372	44,910			

Summary for Pond B-38: Basin #38

Inflow Area = 2.114 ac, 34.96% Impervious, Inflow Depth = 8.79" for Future 100 yr event
 Inflow = 17.91 cfs @ 12.12 hrs, Volume= 1.549 af
 Outflow = 4.86 cfs @ 12.52 hrs, Volume= 1.469 af, Atten= 73%, Lag= 23.9 min
 Primary = 4.86 cfs @ 12.52 hrs, Volume= 1.469 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 208.19' @ 12.52 hrs Surf.Area= 9,363 sf Storage= 28,305 cf

Plug-Flow detention time= 157.4 min calculated for 1.467 af (95% of inflow)
 Center-of-Mass det. time= 128.6 min (907.4 - 778.8)

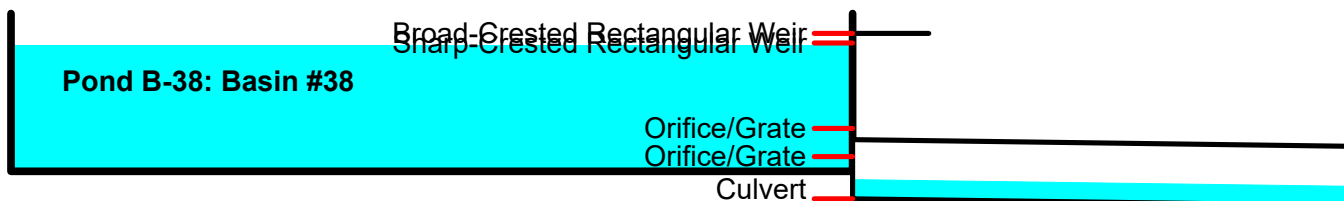
Volume	Invert	Avail.Storage	Storage Description
#1	205.00'	36,001 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
205.00	8,390	0	0
206.00	8,697	8,544	8,544
207.00	9,003	8,850	17,394
208.00	9,310	9,157	26,550
209.00	9,592	9,451	36,001

Device	Routing	Invert	Outlet Devices
#1	Primary	204.30'	18.0" Round Culvert L= 33.0' Ke= 0.500 Inlet / Outlet Invert= 204.30' / 204.13' S= 0.0052 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	205.37'	6.0" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	206.09'	18.0" W x 4.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	208.25'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	208.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

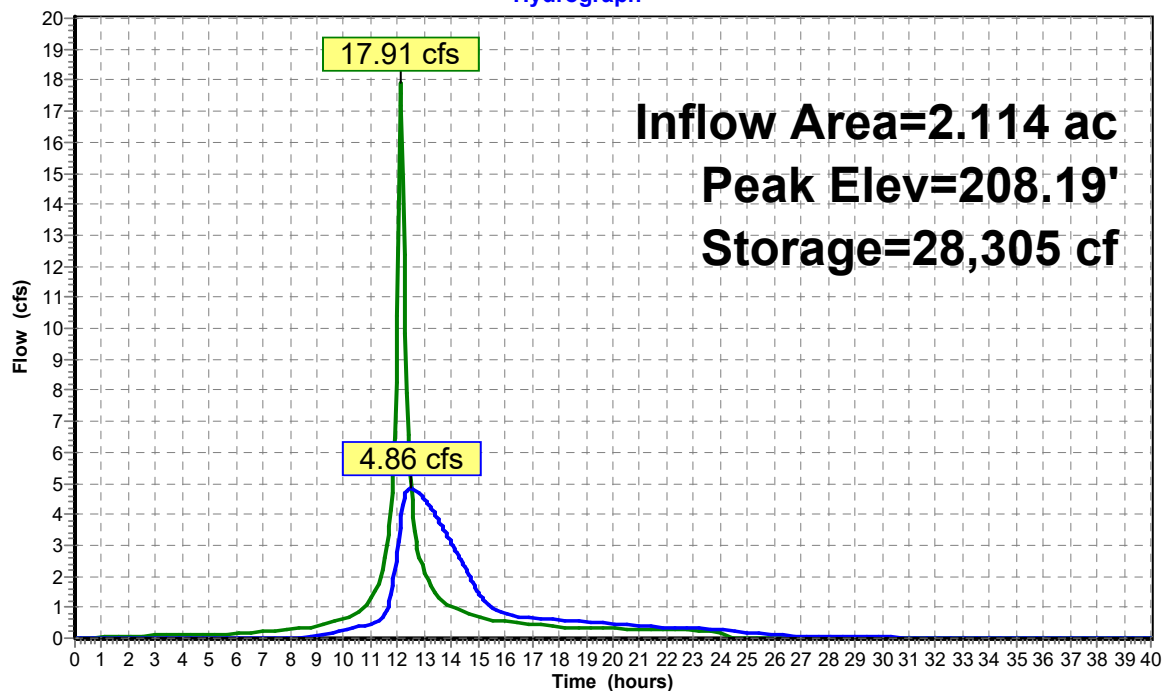
Primary OutFlow Max=4.86 cfs @ 12.52 hrs HW=208.19' (Free Discharge)

1=Culvert (Passes 4.86 cfs of 15.07 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.51 cfs @ 7.71 fps)
 3=Orifice/Grate (Orifice Controls 3.34 cfs @ 6.69 fps)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 5=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-38: Basin #38

Hydrograph



Hydrograph for Pond B-38: Basin #38

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	205.00	0.00
0.10	0.00	0	205.00	0.00
0.20	0.00	0	205.00	0.00
0.30	0.00	0	205.00	0.00
0.40	0.00	0	205.00	0.00
0.50	0.01	2	205.00	0.00
0.60	0.02	7	205.00	0.00
0.70	0.03	15	205.00	0.00
0.80	0.03	25	205.00	0.00
0.90	0.04	38	205.00	0.00
1.00	0.04	52	205.01	0.00
1.10	0.05	68	205.01	0.00
1.20	0.05	85	205.01	0.00
1.30	0.05	104	205.01	0.00
1.40	0.06	124	205.01	0.00
1.50	0.06	146	205.02	0.00
1.60	0.06	168	205.02	0.00
1.70	0.07	192	205.02	0.00
1.80	0.07	216	205.03	0.00
1.90	0.07	242	205.03	0.00
2.00	0.07	268	205.03	0.00
2.10	0.08	295	205.04	0.00
2.20	0.08	323	205.04	0.00
2.30	0.08	352	205.04	0.00
2.40	0.08	382	205.05	0.00
2.50	0.08	412	205.05	0.00
2.60	0.09	442	205.05	0.00
2.70	0.09	474	205.06	0.00
2.80	0.09	506	205.06	0.00
2.90	0.09	538	205.06	0.00
3.00	0.09	571	205.07	0.00
3.10	0.09	605	205.07	0.00
3.20	0.10	639	205.08	0.00
3.30	0.10	674	205.08	0.00
3.40	0.10	709	205.08	0.00
3.50	0.10	745	205.09	0.00
3.60	0.10	781	205.09	0.00
3.70	0.10	818	205.10	0.00
3.80	0.10	855	205.10	0.00
3.90	0.10	892	205.11	0.00
4.00	0.11	930	205.11	0.00
4.10	0.11	968	205.12	0.00
4.20	0.11	1,007	205.12	0.00
4.30	0.11	1,046	205.12	0.00
4.40	0.11	1,086	205.13	0.00
4.50	0.11	1,126	205.13	0.00
4.60	0.11	1,167	205.14	0.00
4.70	0.11	1,207	205.14	0.00
4.80	0.11	1,249	205.15	0.00
4.90	0.12	1,290	205.15	0.00
5.00	0.12	1,332	205.16	0.00
5.10	0.12	1,375	205.16	0.00

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.12	1,417	205.17	0.00
5.30	0.12	1,461	205.17	0.00
5.40	0.13	1,506	205.18	0.00
5.50	0.13	1,552	205.18	0.00
5.60	0.13	1,599	205.19	0.00
5.70	0.14	1,648	205.20	0.00
5.80	0.14	1,697	205.20	0.00
5.90	0.14	1,748	205.21	0.00
6.00	0.15	1,800	205.21	0.00
6.10	0.15	1,853	205.22	0.00
6.20	0.16	1,909	205.23	0.00
6.30	0.16	1,967	205.23	0.00
6.40	0.17	2,027	205.24	0.00
6.50	0.18	2,089	205.25	0.00
6.60	0.18	2,154	205.26	0.00
6.70	0.19	2,221	205.26	0.00
6.80	0.20	2,290	205.27	0.00
6.90	0.20	2,362	205.28	0.00
7.00	0.21	2,437	205.29	0.00
7.10	0.22	2,514	205.30	0.00
7.20	0.23	2,594	205.31	0.00
7.30	0.23	2,676	205.32	0.00
7.40	0.24	2,761	205.33	0.00
7.50	0.25	2,849	205.34	0.00
7.60	0.26	2,940	205.35	0.00
7.70	0.26	3,033	205.36	0.00
7.80	0.27	3,130	205.37	0.00
7.90	0.28	3,229	205.38	0.00
8.00	0.29	3,331	205.39	0.00
8.10	0.30	3,435	205.41	0.00
8.20	0.31	3,541	205.42	0.01
8.30	0.31	3,648	205.43	0.01
8.40	0.32	3,757	205.44	0.02
8.50	0.33	3,868	205.46	0.02
8.60	0.34	3,978	205.47	0.03
8.70	0.35	4,090	205.48	0.04
8.80	0.36	4,202	205.50	0.05
8.90	0.37	4,313	205.51	0.06
9.00	0.38	4,425	205.52	0.07
9.10	0.40	4,537	205.54	0.08
9.20	0.42	4,653	205.55	0.09
9.30	0.44	4,772	205.56	0.10
9.40	0.47	4,896	205.58	0.12
9.50	0.49	5,023	205.59	0.14
9.60	0.52	5,155	205.61	0.15
9.70	0.55	5,289	205.62	0.17
9.80	0.58	5,427	205.64	0.19
9.90	0.61	5,567	205.66	0.21
10.00	0.63	5,711	205.67	0.23
10.10	0.66	5,857	205.69	0.25
10.20	0.70	6,006	205.71	0.28
10.30	0.73	6,157	205.72	0.30

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.76	6,311	205.74	0.33
10.50	0.79	6,468	205.76	0.35
10.60	0.86	6,634	205.78	0.37
10.70	0.95	6,820	205.80	0.40
10.80	1.05	7,031	205.83	0.43
10.90	1.16	7,269	205.85	0.46
11.00	1.27	7,536	205.88	0.49
11.10	1.43	7,841	205.92	0.52
11.20	1.62	8,197	205.96	0.55
11.30	1.82	8,611	206.01	0.59
11.40	2.04	9,087	206.06	0.63
11.50	2.24	9,619	206.12	0.70
11.60	3.02	10,274	206.20	0.89
11.70	3.63	11,098	206.29	1.21
11.80	4.68	12,072	206.40	1.68
11.90	6.45	13,368	206.55	2.19
12.00	10.41	15,485	206.79	2.77
12.10	17.58	19,360	207.22	3.55
12.20	14.85	23,949	207.72	4.28
12.30	9.83	26,779	208.02	4.67
12.40	6.55	27,971	208.15	4.82
12.50	5.09	28,298	208.19	4.86
12.60	3.88	28,163	208.17	4.84
12.70	3.09	27,677	208.12	4.78
12.80	2.68	27,005	208.05	4.70
12.90	2.41	26,247	207.97	4.60
13.00	2.17	25,435	207.88	4.49
13.10	1.93	24,578	207.79	4.37
13.20	1.75	23,688	207.69	4.24
13.30	1.60	22,786	207.59	4.11
13.40	1.47	21,884	207.49	3.97
13.50	1.34	20,987	207.40	3.83
13.60	1.22	20,096	207.30	3.68
13.70	1.13	19,221	207.20	3.53
13.80	1.08	18,378	207.11	3.37
13.90	1.05	17,575	207.02	3.22
14.00	1.01	16,816	206.94	3.06
14.10	0.98	16,099	206.86	2.91
14.20	0.95	15,427	206.78	2.75
14.30	0.91	14,799	206.71	2.60
14.40	0.88	14,214	206.64	2.44
14.50	0.85	13,674	206.58	2.29
14.60	0.82	13,178	206.53	2.13
14.70	0.78	12,726	206.48	1.97
14.80	0.75	12,322	206.43	1.80
14.90	0.72	11,969	206.39	1.63
15.00	0.68	11,663	206.36	1.47
15.10	0.65	11,396	206.33	1.35
15.20	0.63	11,160	206.30	1.24
15.30	0.61	10,954	206.28	1.15
15.40	0.61	10,772	206.26	1.08
15.50	0.60	10,612	206.24	1.01

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.59	10,470	206.22	0.96
15.70	0.58	10,342	206.21	0.92
15.80	0.57	10,227	206.19	0.88
15.90	0.56	10,121	206.18	0.84
16.00	0.55	10,024	206.17	0.81
16.10	0.54	9,935	206.16	0.78
16.20	0.54	9,851	206.15	0.76
16.30	0.53	9,772	206.14	0.74
16.40	0.52	9,697	206.13	0.72
16.50	0.51	9,625	206.12	0.70
16.60	0.50	9,557	206.12	0.69
16.70	0.49	9,490	206.11	0.68
16.80	0.48	9,424	206.10	0.66
16.90	0.47	9,358	206.09	0.65
17.00	0.47	9,294	206.09	0.65
17.10	0.46	9,228	206.08	0.64
17.20	0.45	9,161	206.07	0.63
17.30	0.44	9,093	206.06	0.63
17.40	0.43	9,024	206.06	0.62
17.50	0.42	8,954	206.05	0.62
17.60	0.41	8,882	206.04	0.61
17.70	0.40	8,810	206.03	0.61
17.80	0.39	8,737	206.02	0.60
17.90	0.39	8,662	206.01	0.59
18.00	0.38	8,587	206.01	0.59
18.10	0.37	8,511	206.00	0.58
18.20	0.36	8,435	205.99	0.57
18.30	0.36	8,360	205.98	0.57
18.40	0.36	8,286	205.97	0.56
18.50	0.35	8,213	205.96	0.55
18.60	0.35	8,142	205.95	0.55
18.70	0.35	8,073	205.95	0.54
18.80	0.35	8,005	205.94	0.53
18.90	0.34	7,939	205.93	0.53
19.00	0.34	7,875	205.92	0.52
19.10	0.34	7,812	205.92	0.51
19.20	0.34	7,750	205.91	0.51
19.30	0.34	7,690	205.90	0.50
19.40	0.33	7,631	205.89	0.50
19.50	0.33	7,573	205.89	0.49
19.60	0.33	7,517	205.88	0.48
19.70	0.33	7,462	205.88	0.48
19.80	0.33	7,409	205.87	0.47
19.90	0.32	7,357	205.86	0.47
20.00	0.32	7,305	205.86	0.46
20.10	0.32	7,255	205.85	0.46
20.20	0.32	7,206	205.85	0.45
20.30	0.31	7,157	205.84	0.45
20.40	0.31	7,110	205.83	0.44
20.50	0.31	7,064	205.83	0.43
20.60	0.31	7,020	205.82	0.43
20.70	0.31	6,977	205.82	0.42

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.30	6,936	205.81	0.42
20.90	0.30	6,895	205.81	0.41
21.00	0.30	6,855	205.81	0.41
21.10	0.30	6,817	205.80	0.40
21.20	0.29	6,779	205.80	0.40
21.30	0.29	6,743	205.79	0.39
21.40	0.29	6,708	205.79	0.39
21.50	0.29	6,675	205.78	0.38
21.60	0.29	6,642	205.78	0.38
21.70	0.28	6,609	205.78	0.37
21.80	0.28	6,578	205.77	0.37
21.90	0.28	6,548	205.77	0.36
22.00	0.28	6,519	205.77	0.36
22.10	0.27	6,490	205.76	0.35
22.20	0.27	6,462	205.76	0.35
22.30	0.27	6,435	205.76	0.34
22.40	0.27	6,409	205.75	0.34
22.50	0.27	6,383	205.75	0.34
22.60	0.26	6,358	205.75	0.33
22.70	0.26	6,333	205.74	0.33
22.80	0.26	6,309	205.74	0.33
22.90	0.26	6,285	205.74	0.32
23.00	0.26	6,262	205.74	0.32
23.10	0.25	6,240	205.73	0.31
23.20	0.25	6,218	205.73	0.31
23.30	0.25	6,196	205.73	0.31
23.40	0.25	6,175	205.73	0.30
23.50	0.24	6,154	205.72	0.30
23.60	0.24	6,134	205.72	0.30
23.70	0.24	6,114	205.72	0.29
23.80	0.24	6,094	205.72	0.29
23.90	0.23	6,074	205.71	0.29
24.00	0.26	6,059	205.71	0.29
24.10	0.15	6,032	205.71	0.28
24.20	0.05	5,967	205.70	0.27
24.30	0.01	5,882	205.69	0.26
24.40	0.00	5,794	205.68	0.25
24.50	0.00	5,709	205.67	0.23
24.60	0.00	5,627	205.66	0.22
24.70	0.00	5,550	205.65	0.21
24.80	0.00	5,477	205.65	0.20
24.90	0.00	5,408	205.64	0.19
25.00	0.00	5,342	205.63	0.18
25.10	0.00	5,279	205.62	0.17
25.20	0.00	5,219	205.62	0.16
25.30	0.00	5,162	205.61	0.15
25.40	0.00	5,108	205.60	0.15
25.50	0.00	5,056	205.60	0.14
25.60	0.00	5,007	205.59	0.13
25.70	0.00	4,960	205.58	0.13
25.80	0.00	4,915	205.58	0.12
25.90	0.00	4,872	205.57	0.12

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,831	205.57	0.11
26.10	0.00	4,791	205.57	0.11
26.20	0.00	4,753	205.56	0.10
26.30	0.00	4,717	205.56	0.10
26.40	0.00	4,683	205.55	0.09
26.50	0.00	4,649	205.55	0.09
26.60	0.00	4,617	205.54	0.09
26.70	0.00	4,586	205.54	0.08
26.80	0.00	4,556	205.54	0.08
26.90	0.00	4,527	205.53	0.08
27.00	0.00	4,499	205.53	0.08
27.10	0.00	4,473	205.53	0.07
27.20	0.00	4,447	205.53	0.07
27.30	0.00	4,422	205.52	0.07
27.40	0.00	4,399	205.52	0.06
27.50	0.00	4,376	205.52	0.06
27.60	0.00	4,353	205.51	0.06
27.70	0.00	4,332	205.51	0.06
27.80	0.00	4,311	205.51	0.06
27.90	0.00	4,291	205.51	0.06
28.00	0.00	4,271	205.50	0.05
28.10	0.00	4,252	205.50	0.05
28.20	0.00	4,233	205.50	0.05
28.30	0.00	4,215	205.50	0.05
28.40	0.00	4,198	205.50	0.05
28.50	0.00	4,181	205.49	0.05
28.60	0.00	4,164	205.49	0.04
28.70	0.00	4,148	205.49	0.04
28.80	0.00	4,133	205.49	0.04
28.90	0.00	4,118	205.49	0.04
29.00	0.00	4,104	205.48	0.04
29.10	0.00	4,090	205.48	0.04
29.20	0.00	4,076	205.48	0.04
29.30	0.00	4,063	205.48	0.04
29.40	0.00	4,050	205.48	0.04
29.50	0.00	4,037	205.48	0.03
29.60	0.00	4,025	205.48	0.03
29.70	0.00	4,013	205.47	0.03
29.80	0.00	4,001	205.47	0.03
29.90	0.00	3,990	205.47	0.03
30.00	0.00	3,978	205.47	0.03
30.10	0.00	3,967	205.47	0.03
30.20	0.00	3,956	205.47	0.03
30.30	0.00	3,946	205.47	0.03
30.40	0.00	3,936	205.47	0.03
30.50	0.00	3,926	205.46	0.03
30.60	0.00	3,916	205.46	0.03
30.70	0.00	3,906	205.46	0.03
30.80	0.00	3,897	205.46	0.03
30.90	0.00	3,887	205.46	0.03
31.00	0.00	3,878	205.46	0.02
31.10	0.00	3,870	205.46	0.02

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,861	205.46	0.02
31.30	0.00	3,853	205.46	0.02
31.40	0.00	3,844	205.45	0.02
31.50	0.00	3,836	205.45	0.02
31.60	0.00	3,828	205.45	0.02
31.70	0.00	3,821	205.45	0.02
31.80	0.00	3,813	205.45	0.02
31.90	0.00	3,806	205.45	0.02
32.00	0.00	3,798	205.45	0.02
32.10	0.00	3,791	205.45	0.02
32.20	0.00	3,784	205.45	0.02
32.30	0.00	3,778	205.45	0.02
32.40	0.00	3,771	205.45	0.02
32.50	0.00	3,765	205.45	0.02
32.60	0.00	3,758	205.44	0.02
32.70	0.00	3,752	205.44	0.02
32.80	0.00	3,746	205.44	0.02
32.90	0.00	3,740	205.44	0.02
33.00	0.00	3,734	205.44	0.02
33.10	0.00	3,729	205.44	0.02
33.20	0.00	3,723	205.44	0.02
33.30	0.00	3,718	205.44	0.01
33.40	0.00	3,713	205.44	0.01
33.50	0.00	3,707	205.44	0.01
33.60	0.00	3,702	205.44	0.01
33.70	0.00	3,697	205.44	0.01
33.80	0.00	3,692	205.44	0.01
33.90	0.00	3,687	205.44	0.01
34.00	0.00	3,682	205.44	0.01
34.10	0.00	3,677	205.43	0.01
34.20	0.00	3,672	205.43	0.01
34.30	0.00	3,667	205.43	0.01
34.40	0.00	3,663	205.43	0.01
34.50	0.00	3,658	205.43	0.01
34.60	0.00	3,654	205.43	0.01
34.70	0.00	3,649	205.43	0.01
34.80	0.00	3,645	205.43	0.01
34.90	0.00	3,640	205.43	0.01
35.00	0.00	3,636	205.43	0.01
35.10	0.00	3,632	205.43	0.01
35.20	0.00	3,627	205.43	0.01
35.30	0.00	3,623	205.43	0.01
35.40	0.00	3,619	205.43	0.01
35.50	0.00	3,615	205.43	0.01
35.60	0.00	3,611	205.43	0.01
35.70	0.00	3,607	205.43	0.01
35.80	0.00	3,603	205.43	0.01
35.90	0.00	3,599	205.43	0.01
36.00	0.00	3,595	205.43	0.01
36.10	0.00	3,592	205.42	0.01
36.20	0.00	3,588	205.42	0.01
36.30	0.00	3,584	205.42	0.01

Hydrograph for Pond B-38: Basin #38 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,581	205.42	0.01
36.50	0.00	3,577	205.42	0.01
36.60	0.00	3,573	205.42	0.01
36.70	0.00	3,570	205.42	0.01
36.80	0.00	3,567	205.42	0.01
36.90	0.00	3,563	205.42	0.01
37.00	0.00	3,560	205.42	0.01
37.10	0.00	3,556	205.42	0.01
37.20	0.00	3,553	205.42	0.01
37.30	0.00	3,550	205.42	0.01
37.40	0.00	3,547	205.42	0.01
37.50	0.00	3,544	205.42	0.01
37.60	0.00	3,541	205.42	0.01
37.70	0.00	3,537	205.42	0.01
37.80	0.00	3,534	205.42	0.01
37.90	0.00	3,531	205.42	0.01
38.00	0.00	3,529	205.42	0.01
38.10	0.00	3,526	205.42	0.01
38.20	0.00	3,523	205.42	0.01
38.30	0.00	3,520	205.42	0.01
38.40	0.00	3,517	205.42	0.01
38.50	0.00	3,514	205.42	0.01
38.60	0.00	3,512	205.42	0.01
38.70	0.00	3,509	205.42	0.01
38.80	0.00	3,506	205.41	0.01
38.90	0.00	3,504	205.41	0.01
39.00	0.00	3,501	205.41	0.01
39.10	0.00	3,498	205.41	0.01
39.20	0.00	3,496	205.41	0.01
39.30	0.00	3,493	205.41	0.01
39.40	0.00	3,491	205.41	0.01
39.50	0.00	3,489	205.41	0.01
39.60	0.00	3,486	205.41	0.01
39.70	0.00	3,484	205.41	0.01
39.80	0.00	3,481	205.41	0.01
39.90	0.00	3,479	205.41	0.01
40.00	0.00	3,477	205.41	0.01

Stage-Discharge for Pond B-38: Basin #38

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
205.00	0.00	205.52	0.07	206.04	0.61	206.56	2.22
205.01	0.00	205.53	0.07	206.05	0.62	206.57	2.25
205.02	0.00	205.54	0.08	206.06	0.63	206.58	2.28
205.03	0.00	205.55	0.09	206.07	0.63	206.59	2.31
205.04	0.00	205.56	0.10	206.08	0.64	206.60	2.33
205.05	0.00	205.57	0.11	206.09	0.65	206.61	2.36
205.06	0.00	205.58	0.12	206.10	0.66	206.62	2.38
205.07	0.00	205.59	0.13	206.11	0.68	206.63	2.41
205.08	0.00	205.60	0.14	206.12	0.69	206.64	2.43
205.09	0.00	205.61	0.16	206.13	0.71	206.65	2.46
205.10	0.00	205.62	0.17	206.14	0.74	206.66	2.48
205.11	0.00	205.63	0.18	206.15	0.76	206.67	2.51
205.12	0.00	205.64	0.19	206.16	0.78	206.68	2.53
205.13	0.00	205.65	0.20	206.17	0.81	206.69	2.55
205.14	0.00	205.66	0.22	206.18	0.84	206.70	2.58
205.15	0.00	205.67	0.23	206.19	0.87	206.71	2.60
205.16	0.00	205.68	0.24	206.20	0.90	206.72	2.62
205.17	0.00	205.69	0.26	206.21	0.93	206.73	2.64
205.18	0.00	205.70	0.27	206.22	0.96	206.74	2.67
205.19	0.00	205.71	0.28	206.23	0.99	206.75	2.69
205.20	0.00	205.72	0.30	206.24	1.02	206.76	2.71
205.21	0.00	205.73	0.31	206.25	1.06	206.77	2.73
205.22	0.00	205.74	0.32	206.26	1.09	206.78	2.75
205.23	0.00	205.75	0.34	206.27	1.13	206.79	2.77
205.24	0.00	205.76	0.35	206.28	1.17	206.80	2.79
205.25	0.00	205.77	0.36	206.29	1.20	206.81	2.82
205.26	0.00	205.78	0.38	206.30	1.24	206.82	2.84
205.27	0.00	205.79	0.39	206.31	1.28	206.83	2.86
205.28	0.00	205.80	0.40	206.32	1.32	206.84	2.88
205.29	0.00	205.81	0.41	206.33	1.36	206.85	2.90
205.30	0.00	205.82	0.43	206.34	1.40	206.86	2.92
205.31	0.00	205.83	0.44	206.35	1.45	206.87	2.94
205.32	0.00	205.84	0.45	206.36	1.49	206.88	2.96
205.33	0.00	205.85	0.46	206.37	1.53	206.89	2.98
205.34	0.00	205.86	0.47	206.38	1.58	206.90	3.00
205.35	0.00	205.87	0.47	206.39	1.62	206.91	3.01
205.36	0.00	205.88	0.48	206.40	1.67	206.92	3.03
205.37	0.00	205.89	0.49	206.41	1.71	206.93	3.05
205.38	0.00	205.90	0.50	206.42	1.76	206.94	3.07
205.39	0.00	205.91	0.51	206.43	1.80	206.95	3.09
205.40	0.00	205.92	0.52	206.44	1.84	206.96	3.11
205.41	0.01	205.93	0.53	206.45	1.88	206.97	3.13
205.42	0.01	205.94	0.53	206.46	1.92	206.98	3.15
205.43	0.01	205.95	0.54	206.47	1.95	206.99	3.16
205.44	0.02	205.96	0.55	206.48	1.98	207.00	3.18
205.45	0.02	205.97	0.56	206.49	2.02	207.01	3.20
205.46	0.02	205.98	0.57	206.50	2.05	207.02	3.22
205.47	0.03	205.99	0.58	206.51	2.08	207.03	3.24
205.48	0.04	206.00	0.58	206.52	2.11	207.04	3.25
205.49	0.04	206.01	0.59	206.53	2.14	207.05	3.27
205.50	0.05	206.02	0.60	206.54	2.17	207.06	3.29
205.51	0.06	206.03	0.61	206.55	2.20	207.07	3.31

Stage-Discharge for Pond B-38: Basin #38 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
207.08	3.32	207.60	4.12	208.12	4.78	208.64	14.65
207.09	3.34	207.61	4.13	208.13	4.79	208.65	15.46
207.10	3.36	207.62	4.15	208.14	4.80	208.66	16.29
207.11	3.37	207.63	4.16	208.15	4.82	208.67	17.14
207.12	3.39	207.64	4.17	208.16	4.83	208.68	18.02
207.13	3.41	207.65	4.19	208.17	4.84	208.69	18.92
207.14	3.42	207.66	4.20	208.18	4.85	208.70	19.85
207.15	3.44	207.67	4.21	208.19	4.86	208.71	20.83
207.16	3.46	207.68	4.23	208.20	4.87	208.72	21.84
207.17	3.47	207.69	4.24	208.21	4.89	208.73	22.88
207.18	3.49	207.70	4.25	208.22	4.90	208.74	23.94
207.19	3.51	207.71	4.27	208.23	4.91	208.75	25.04
207.20	3.52	207.72	4.28	208.24	4.92	208.76	26.15
207.21	3.54	207.73	4.29	208.25	4.93	208.77	27.30
207.22	3.56	207.74	4.31	208.26	4.96	208.78	28.47
207.23	3.57	207.75	4.32	208.27	4.99	208.79	29.66
207.24	3.59	207.76	4.33	208.28	5.03	208.80	30.88
207.25	3.60	207.77	4.35	208.29	5.08	208.81	32.13
207.26	3.62	207.78	4.36	208.30	5.13	208.82	33.40
207.27	3.64	207.79	4.37	208.31	5.19	208.83	34.70
207.28	3.65	207.80	4.39	208.32	5.25	208.84	36.02
207.29	3.67	207.81	4.40	208.33	5.32	208.85	37.37
207.30	3.68	207.82	4.41	208.34	5.38	208.86	38.74
207.31	3.70	207.83	4.42	208.35	5.46	208.87	40.14
207.32	3.71	207.84	4.44	208.36	5.53	208.88	41.56
207.33	3.73	207.85	4.45	208.37	5.61	208.89	43.01
207.34	3.74	207.86	4.46	208.38	5.69	208.90	44.49
207.35	3.76	207.87	4.47	208.39	5.77	208.91	46.01
207.36	3.77	207.88	4.49	208.40	5.85	208.92	47.57
207.37	3.79	207.89	4.50	208.41	5.94	208.93	49.15
207.38	3.80	207.90	4.51	208.42	6.03	208.94	50.75
207.39	3.82	207.91	4.52	208.43	6.12	208.95	52.39
207.40	3.83	207.92	4.54	208.44	6.22	208.96	54.05
207.41	3.85	207.93	4.55	208.45	6.31	208.97	55.74
207.42	3.86	207.94	4.56	208.46	6.41	208.98	57.45
207.43	3.88	207.95	4.57	208.47	6.51	208.99	59.20
207.44	3.89	207.96	4.59	208.48	6.61	209.00	60.97
207.45	3.91	207.97	4.60	208.49	6.72		
207.46	3.92	207.98	4.61	208.50	6.82		
207.47	3.94	207.99	4.62	208.51	7.05		
207.48	3.95	208.00	4.64	208.52	7.37		
207.49	3.96	208.01	4.65	208.53	7.76		
207.50	3.98	208.02	4.66	208.54	8.20		
207.51	3.99	208.03	4.67	208.55	8.69		
207.52	4.01	208.04	4.68	208.56	9.22		
207.53	4.02	208.05	4.70	208.57	9.79		
207.54	4.04	208.06	4.71	208.58	10.39		
207.55	4.05	208.07	4.72	208.59	11.03		
207.56	4.06	208.08	4.73	208.60	11.70		
207.57	4.08	208.09	4.74	208.61	12.39		
207.58	4.09	208.10	4.76	208.62	13.12		
207.59	4.11	208.11	4.77	208.63	13.87		

Stage-Area-Storage for Pond B-38: Basin #38

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.00	8,390	0	205.52	8,550	4,404
205.01	8,393	84	205.53	8,553	4,490
205.02	8,396	168	205.54	8,556	4,575
205.03	8,399	252	205.55	8,559	4,661
205.04	8,402	336	205.56	8,562	4,747
205.05	8,405	420	205.57	8,565	4,832
205.06	8,408	504	205.58	8,568	4,918
205.07	8,411	588	205.59	8,571	5,004
205.08	8,415	672	205.60	8,574	5,089
205.09	8,418	756	205.61	8,577	5,175
205.10	8,421	841	205.62	8,580	5,261
205.11	8,424	925	205.63	8,583	5,347
205.12	8,427	1,009	205.64	8,586	5,432
205.13	8,430	1,093	205.65	8,590	5,518
205.14	8,433	1,178	205.66	8,593	5,604
205.15	8,436	1,262	205.67	8,596	5,690
205.16	8,439	1,346	205.68	8,599	5,776
205.17	8,442	1,431	205.69	8,602	5,862
205.18	8,445	1,515	205.70	8,605	5,948
205.19	8,448	1,600	205.71	8,608	6,034
205.20	8,451	1,684	205.72	8,611	6,120
205.21	8,454	1,769	205.73	8,614	6,207
205.22	8,458	1,853	205.74	8,617	6,293
205.23	8,461	1,938	205.75	8,620	6,379
205.24	8,464	2,022	205.76	8,623	6,465
205.25	8,467	2,107	205.77	8,626	6,551
205.26	8,470	2,192	205.78	8,629	6,638
205.27	8,473	2,276	205.79	8,633	6,724
205.28	8,476	2,361	205.80	8,636	6,810
205.29	8,479	2,446	205.81	8,639	6,897
205.30	8,482	2,531	205.82	8,642	6,983
205.31	8,485	2,616	205.83	8,645	7,069
205.32	8,488	2,701	205.84	8,648	7,156
205.33	8,491	2,785	205.85	8,651	7,242
205.34	8,494	2,870	205.86	8,654	7,329
205.35	8,497	2,955	205.87	8,657	7,415
205.36	8,501	3,040	205.88	8,660	7,502
205.37	8,504	3,125	205.89	8,663	7,589
205.38	8,507	3,210	205.90	8,666	7,675
205.39	8,510	3,295	205.91	8,669	7,762
205.40	8,513	3,381	205.92	8,672	7,849
205.41	8,516	3,466	205.93	8,676	7,935
205.42	8,519	3,551	205.94	8,679	8,022
205.43	8,522	3,636	205.95	8,682	8,109
205.44	8,525	3,721	205.96	8,685	8,196
205.45	8,528	3,807	205.97	8,688	8,283
205.46	8,531	3,892	205.98	8,691	8,370
205.47	8,534	3,977	205.99	8,694	8,457
205.48	8,537	4,063	206.00	8,697	8,544
205.49	8,540	4,148	206.01	8,700	8,630
205.50	8,544	4,233	206.02	8,703	8,718
205.51	8,547	4,319	206.03	8,706	8,805

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
206.04	8,709	8,892	206.56	8,868	13,462
206.05	8,712	8,979	206.57	8,871	13,550
206.06	8,715	9,066	206.58	8,874	13,639
206.07	8,718	9,153	206.59	8,878	13,728
206.08	8,721	9,240	206.60	8,881	13,817
206.09	8,725	9,327	206.61	8,884	13,906
206.10	8,728	9,415	206.62	8,887	13,994
206.11	8,731	9,502	206.63	8,890	14,083
206.12	8,734	9,589	206.64	8,893	14,172
206.13	8,737	9,677	206.65	8,896	14,261
206.14	8,740	9,764	206.66	8,899	14,350
206.15	8,743	9,851	206.67	8,902	14,439
206.16	8,746	9,939	206.68	8,905	14,528
206.17	8,749	10,026	206.69	8,908	14,617
206.18	8,752	10,114	206.70	8,911	14,706
206.19	8,755	10,201	206.71	8,914	14,795
206.20	8,758	10,289	206.72	8,917	14,885
206.21	8,761	10,377	206.73	8,920	14,974
206.22	8,764	10,464	206.74	8,923	15,063
206.23	8,767	10,552	206.75	8,927	15,152
206.24	8,770	10,640	206.76	8,930	15,242
206.25	8,774	10,727	206.77	8,933	15,331
206.26	8,777	10,815	206.78	8,936	15,420
206.27	8,780	10,903	206.79	8,939	15,510
206.28	8,783	10,991	206.80	8,942	15,599
206.29	8,786	11,078	206.81	8,945	15,688
206.30	8,789	11,166	206.82	8,948	15,778
206.31	8,792	11,254	206.83	8,951	15,867
206.32	8,795	11,342	206.84	8,954	15,957
206.33	8,798	11,430	206.85	8,957	16,046
206.34	8,801	11,518	206.86	8,960	16,136
206.35	8,804	11,606	206.87	8,963	16,226
206.36	8,807	11,694	206.88	8,966	16,315
206.37	8,810	11,782	206.89	8,969	16,405
206.38	8,813	11,870	206.90	8,972	16,495
206.39	8,816	11,959	206.91	8,975	16,584
206.40	8,819	12,047	206.92	8,979	16,674
206.41	8,822	12,135	206.93	8,982	16,764
206.42	8,826	12,223	206.94	8,985	16,854
206.43	8,829	12,311	206.95	8,988	16,944
206.44	8,832	12,400	206.96	8,991	17,034
206.45	8,835	12,488	206.97	8,994	17,124
206.46	8,838	12,576	206.98	8,997	17,214
206.47	8,841	12,665	206.99	9,000	17,303
206.48	8,844	12,753	207.00	9,003	17,394
206.49	8,847	12,842	207.01	9,006	17,484
206.50	8,850	12,930	207.02	9,009	17,574
206.51	8,853	13,019	207.03	9,012	17,664
206.52	8,856	13,107	207.04	9,015	17,754
206.53	8,859	13,196	207.05	9,018	17,844
206.54	8,862	13,284	207.06	9,021	17,934
206.55	8,865	13,373	207.07	9,024	18,024

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
207.08	9,028	18,115	207.60	9,187	22,851
207.09	9,031	18,205	207.61	9,190	22,942
207.10	9,034	18,295	207.62	9,193	23,034
207.11	9,037	18,386	207.63	9,196	23,126
207.12	9,040	18,476	207.64	9,199	23,218
207.13	9,043	18,566	207.65	9,203	23,310
207.14	9,046	18,657	207.66	9,206	23,402
207.15	9,049	18,747	207.67	9,209	23,494
207.16	9,052	18,838	207.68	9,212	23,587
207.17	9,055	18,928	207.69	9,215	23,679
207.18	9,058	19,019	207.70	9,218	23,771
207.19	9,061	19,110	207.71	9,221	23,863
207.20	9,064	19,200	207.72	9,224	23,955
207.21	9,067	19,291	207.73	9,227	24,047
207.22	9,071	19,382	207.74	9,230	24,140
207.23	9,074	19,472	207.75	9,233	24,232
207.24	9,077	19,563	207.76	9,236	24,324
207.25	9,080	19,654	207.77	9,239	24,417
207.26	9,083	19,745	207.78	9,242	24,509
207.27	9,086	19,836	207.79	9,246	24,602
207.28	9,089	19,926	207.80	9,249	24,694
207.29	9,092	20,017	207.81	9,252	24,787
207.30	9,095	20,108	207.82	9,255	24,879
207.31	9,098	20,199	207.83	9,258	24,972
207.32	9,101	20,290	207.84	9,261	25,064
207.33	9,104	20,381	207.85	9,264	25,157
207.34	9,107	20,472	207.86	9,267	25,250
207.35	9,110	20,563	207.87	9,270	25,342
207.36	9,114	20,654	207.88	9,273	25,435
207.37	9,117	20,746	207.89	9,276	25,528
207.38	9,120	20,837	207.90	9,279	25,621
207.39	9,123	20,928	207.91	9,282	25,713
207.40	9,126	21,019	207.92	9,285	25,806
207.41	9,129	21,111	207.93	9,289	25,899
207.42	9,132	21,202	207.94	9,292	25,992
207.43	9,135	21,293	207.95	9,295	26,085
207.44	9,138	21,385	207.96	9,298	26,178
207.45	9,141	21,476	207.97	9,301	26,271
207.46	9,144	21,567	207.98	9,304	26,364
207.47	9,147	21,659	207.99	9,307	26,457
207.48	9,150	21,750	208.00	9,310	26,550
207.49	9,153	21,842	208.01	9,313	26,643
207.50	9,157	21,933	208.02	9,316	26,736
207.51	9,160	22,025	208.03	9,318	26,829
207.52	9,163	22,117	208.04	9,321	26,923
207.53	9,166	22,208	208.05	9,324	27,016
207.54	9,169	22,300	208.06	9,327	27,109
207.55	9,172	22,392	208.07	9,330	27,202
207.56	9,175	22,483	208.08	9,333	27,296
207.57	9,178	22,575	208.09	9,335	27,389
207.58	9,181	22,667	208.10	9,338	27,482
207.59	9,184	22,759	208.11	9,341	27,576

Stage-Area-Storage for Pond B-38: Basin #38 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
208.12	9,344	27,669	208.64	9,490	32,566
208.13	9,347	27,763	208.65	9,493	32,661
208.14	9,349	27,856	208.66	9,496	32,756
208.15	9,352	27,950	208.67	9,499	32,851
208.16	9,355	28,043	208.68	9,502	32,946
208.17	9,358	28,137	208.69	9,505	33,041
208.18	9,361	28,230	208.70	9,507	33,136
208.19	9,364	28,324	208.71	9,510	33,231
208.20	9,366	28,418	208.72	9,513	33,326
208.21	9,369	28,511	208.73	9,516	33,421
208.22	9,372	28,605	208.74	9,519	33,517
208.23	9,375	28,699	208.75	9,522	33,612
208.24	9,378	28,793	208.76	9,524	33,707
208.25	9,381	28,886	208.77	9,527	33,802
208.26	9,383	28,980	208.78	9,530	33,898
208.27	9,386	29,074	208.79	9,533	33,993
208.28	9,389	29,168	208.80	9,536	34,088
208.29	9,392	29,262	208.81	9,538	34,184
208.30	9,395	29,356	208.82	9,541	34,279
208.31	9,397	29,450	208.83	9,544	34,374
208.32	9,400	29,544	208.84	9,547	34,470
208.33	9,403	29,638	208.85	9,550	34,565
208.34	9,406	29,732	208.86	9,553	34,661
208.35	9,409	29,826	208.87	9,555	34,756
208.36	9,412	29,920	208.88	9,558	34,852
208.37	9,414	30,014	208.89	9,561	34,948
208.38	9,417	30,108	208.90	9,564	35,043
208.39	9,420	30,202	208.91	9,567	35,139
208.40	9,423	30,297	208.92	9,569	35,235
208.41	9,426	30,391	208.93	9,572	35,330
208.42	9,428	30,485	208.94	9,575	35,426
208.43	9,431	30,579	208.95	9,578	35,522
208.44	9,434	30,674	208.96	9,581	35,618
208.45	9,437	30,768	208.97	9,584	35,713
208.46	9,440	30,862	208.98	9,586	35,809
208.47	9,443	30,957	208.99	9,589	35,905
208.48	9,445	31,051	209.00	9,592	36,001
208.49	9,448	31,146			
208.50	9,451	31,240			
208.51	9,454	31,335			
208.52	9,457	31,429			
208.53	9,459	31,524			
208.54	9,462	31,619			
208.55	9,465	31,713			
208.56	9,468	31,808			
208.57	9,471	31,903			
208.58	9,474	31,997			
208.59	9,476	32,092			
208.60	9,479	32,187			
208.61	9,482	32,282			
208.62	9,485	32,376			
208.63	9,488	32,471			

Summary for Pond B-39: Basin #39

Inflow Area = 1.884 ac, 41.56% Impervious, Inflow Depth = 8.68" for Future 100 yr event
 Inflow = 11.16 cfs @ 12.25 hrs, Volume= 1.363 af
 Outflow = 7.43 cfs @ 12.47 hrs, Volume= 1.160 af, Atten= 33%, Lag= 13.5 min
 Primary = 7.43 cfs @ 12.47 hrs, Volume= 1.160 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 204.52' @ 12.47 hrs Surf.Area= 7,362 sf Storage= 25,925 cf

Plug-Flow detention time= 393.3 min calculated for 1.158 af (85% of inflow)
 Center-of-Mass det. time= 327.3 min (1,128.2 - 800.9)

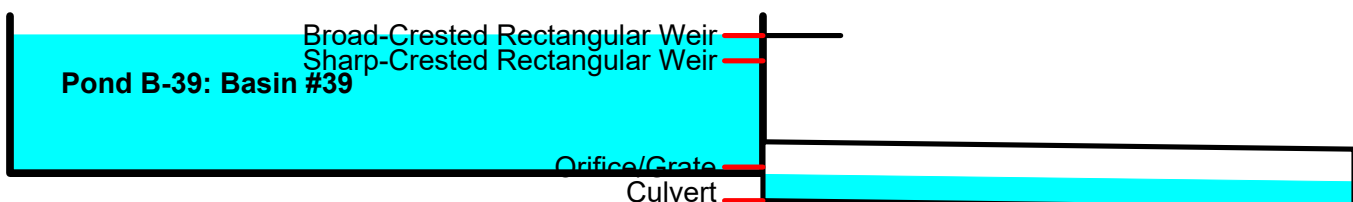
Volume	Invert	Avail.Storage	Storage Description
#1	201.00'	29,448 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
201.00	7,362	0	0
202.00	7,362	7,362	7,362
203.00	7,362	7,362	14,724
204.00	7,362	7,362	22,086
205.00	7,362	7,362	29,448

Device	Routing	Invert	Outlet Devices
#1	Primary	200.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 200.30' / 200.11' S= 0.0050 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	201.15'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.86'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	204.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

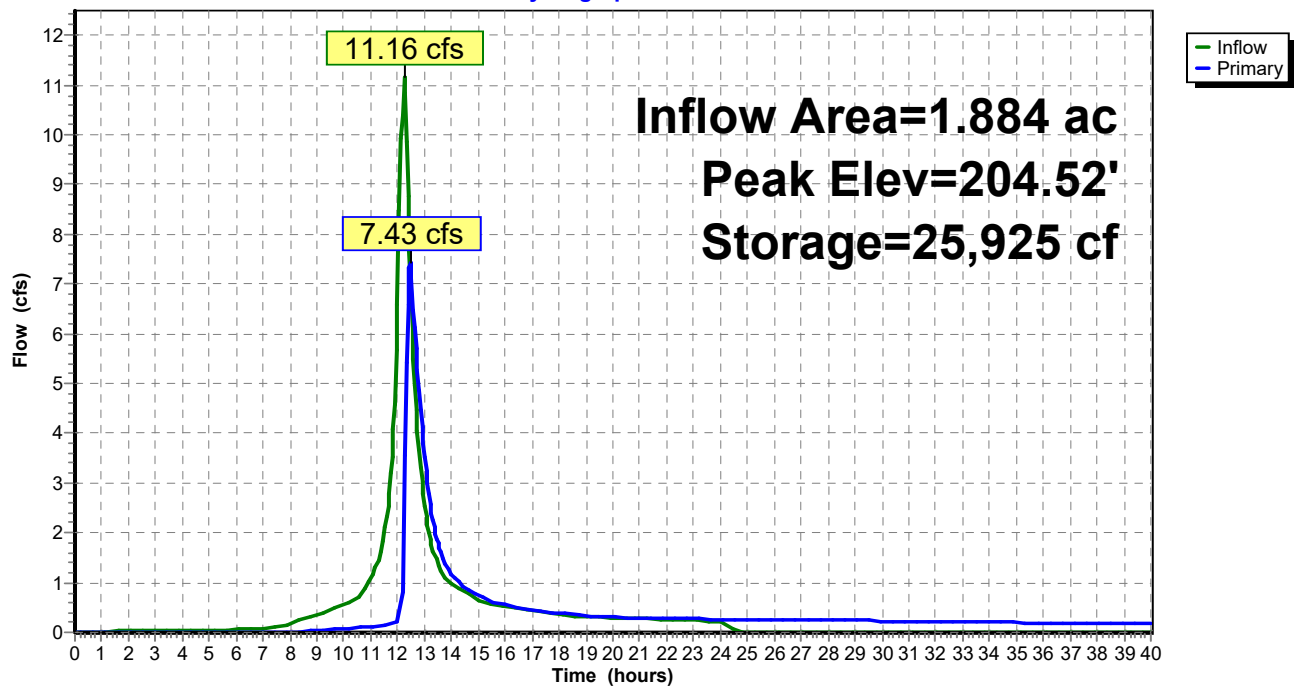
Primary OutFlow Max=7.31 cfs @ 12.47 hrs HW=204.52' (Free Discharge)

1=Culvert (Passes 7.04 cfs of 15.84 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.30 cfs @ 8.70 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 6.74 cfs @ 2.65 fps)
 4=Broad-Crested Rectangular Weir (Weir Controls 0.27 cfs @ 0.31 fps)



Pond B-39: Basin #39

Hydrograph



Hydrograph for Pond B-39: Basin #39

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	201.00	0.00
0.10	0.00	0	201.00	0.00
0.20	0.00	0	201.00	0.00
0.30	0.00	0	201.00	0.00
0.40	0.00	0	201.00	0.00
0.50	0.00	1	201.00	0.00
0.60	0.01	3	201.00	0.00
0.70	0.01	5	201.00	0.00
0.80	0.01	8	201.00	0.00
0.90	0.01	12	201.00	0.00
1.00	0.01	16	201.00	0.00
1.10	0.01	21	201.00	0.00
1.20	0.01	26	201.00	0.00
1.30	0.02	32	201.00	0.00
1.40	0.02	38	201.01	0.00
1.50	0.02	44	201.01	0.00
1.60	0.02	51	201.01	0.00
1.70	0.02	58	201.01	0.00
1.80	0.02	65	201.01	0.00
1.90	0.02	72	201.01	0.00
2.00	0.02	80	201.01	0.00
2.10	0.02	88	201.01	0.00
2.20	0.02	96	201.01	0.00
2.30	0.02	105	201.01	0.00
2.40	0.02	113	201.02	0.00
2.50	0.02	122	201.02	0.00
2.60	0.03	131	201.02	0.00
2.70	0.03	140	201.02	0.00
2.80	0.03	149	201.02	0.00
2.90	0.03	159	201.02	0.00
3.00	0.03	169	201.02	0.00
3.10	0.03	178	201.02	0.00
3.20	0.03	188	201.03	0.00
3.30	0.03	199	201.03	0.00
3.40	0.03	209	201.03	0.00
3.50	0.03	219	201.03	0.00
3.60	0.03	230	201.03	0.00
3.70	0.03	241	201.03	0.00
3.80	0.03	251	201.03	0.00
3.90	0.03	262	201.04	0.00
4.00	0.03	273	201.04	0.00
4.10	0.03	285	201.04	0.00
4.20	0.03	296	201.04	0.00
4.30	0.03	307	201.04	0.00
4.40	0.03	319	201.04	0.00
4.50	0.03	331	201.04	0.00
4.60	0.03	342	201.05	0.00
4.70	0.03	354	201.05	0.00
4.80	0.03	366	201.05	0.00
4.90	0.03	378	201.05	0.00
5.00	0.03	391	201.05	0.00
5.10	0.03	403	201.05	0.00

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	415	201.06	0.00
5.30	0.04	428	201.06	0.00
5.40	0.04	442	201.06	0.00
5.50	0.04	456	201.06	0.00
5.60	0.04	470	201.06	0.00
5.70	0.04	486	201.07	0.00
5.80	0.05	502	201.07	0.00
5.90	0.05	519	201.07	0.00
6.00	0.05	536	201.07	0.00
6.10	0.05	555	201.08	0.00
6.20	0.06	574	201.08	0.00
6.30	0.06	595	201.08	0.00
6.40	0.06	617	201.08	0.00
6.50	0.07	640	201.09	0.00
6.60	0.07	664	201.09	0.00
6.70	0.07	690	201.09	0.00
6.80	0.08	716	201.10	0.00
6.90	0.08	745	201.10	0.00
7.00	0.08	774	201.11	0.00
7.10	0.09	805	201.11	0.00
7.20	0.09	838	201.11	0.00
7.30	0.10	871	201.12	0.00
7.40	0.10	907	201.12	0.00
7.50	0.10	944	201.13	0.00
7.60	0.11	982	201.13	0.00
7.70	0.11	1,023	201.14	0.00
7.80	0.12	1,065	201.14	0.00
7.90	0.15	1,113	201.15	0.00
8.00	0.17	1,170	201.16	0.00
8.10	0.20	1,236	201.17	0.00
8.20	0.22	1,311	201.18	0.00
8.30	0.24	1,393	201.19	0.00
8.40	0.26	1,483	201.20	0.01
8.50	0.28	1,578	201.21	0.01
8.60	0.29	1,678	201.23	0.01
8.70	0.31	1,781	201.24	0.02
8.80	0.32	1,888	201.26	0.02
8.90	0.33	1,997	201.27	0.02
9.00	0.34	2,109	201.29	0.03
9.10	0.36	2,223	201.30	0.04
9.20	0.37	2,340	201.32	0.04
9.30	0.39	2,462	201.33	0.05
9.40	0.41	2,590	201.35	0.05
9.50	0.44	2,723	201.37	0.06
9.60	0.46	2,864	201.39	0.06
9.70	0.48	3,011	201.41	0.06
9.80	0.51	3,166	201.43	0.07
9.90	0.53	3,328	201.45	0.07
10.00	0.56	3,499	201.48	0.08
10.10	0.59	3,677	201.50	0.08
10.20	0.61	3,863	201.52	0.09
10.30	0.64	4,058	201.55	0.09

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.67	4,262	201.58	0.09
10.50	0.70	4,474	201.61	0.10
10.60	0.75	4,699	201.64	0.10
10.70	0.81	4,941	201.67	0.11
10.80	0.88	5,206	201.71	0.11
10.90	0.97	5,499	201.75	0.12
11.00	1.06	5,823	201.79	0.12
11.10	1.18	6,184	201.84	0.13
11.20	1.32	6,590	201.90	0.13
11.30	1.49	7,049	201.96	0.14
11.40	1.67	7,568	202.03	0.14
11.50	1.86	8,151	202.11	0.15
11.60	2.32	8,852	202.20	0.16
11.70	2.78	9,709	202.32	0.17
11.80	3.53	10,789	202.47	0.18
11.90	4.57	12,186	202.66	0.19
12.00	6.59	14,139	202.92	0.21
12.10	9.94	17,075	203.32	0.24
12.20	10.83	20,648	203.80	0.26
12.30	10.83	24,014	204.26	3.55
12.40	8.75	25,664	204.49	6.57
12.50	6.90	25,895	204.52	7.33
12.60	5.48	25,626	204.48	6.49
12.70	4.48	25,216	204.43	5.69
12.80	3.66	24,774	204.37	4.87
12.90	3.04	24,358	204.31	4.13
13.00	2.54	23,987	204.26	3.51
13.10	2.15	23,660	204.21	2.99
13.20	1.88	23,385	204.18	2.58
13.30	1.67	23,158	204.15	2.25
13.40	1.51	22,968	204.12	1.99
13.50	1.37	22,808	204.10	1.78
13.60	1.25	22,669	204.08	1.60
13.70	1.14	22,547	204.06	1.46
13.80	1.06	22,441	204.05	1.34
13.90	1.01	22,352	204.04	1.23
14.00	0.96	22,277	204.03	1.15
14.10	0.93	22,214	204.02	1.09
14.20	0.89	22,161	204.01	1.03
14.30	0.86	22,114	204.00	0.98
14.40	0.83	22,073	204.00	0.94
14.50	0.80	22,034	203.99	0.90
14.60	0.77	21,998	203.99	0.87
14.70	0.74	21,962	203.98	0.84
14.80	0.71	21,927	203.98	0.81
14.90	0.68	21,893	203.97	0.78
15.00	0.65	21,860	203.97	0.74
15.10	0.62	21,827	203.96	0.71
15.20	0.60	21,795	203.96	0.68
15.30	0.58	21,764	203.96	0.66
15.40	0.56	21,735	203.95	0.64
15.50	0.55	21,710	203.95	0.62

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.54	21,687	203.95	0.60
15.70	0.53	21,666	203.94	0.59
15.80	0.52	21,647	203.94	0.57
15.90	0.52	21,631	203.94	0.56
16.00	0.51	21,615	203.94	0.55
16.10	0.50	21,601	203.93	0.54
16.20	0.49	21,587	203.93	0.53
16.30	0.48	21,575	203.93	0.52
16.40	0.48	21,562	203.93	0.51
16.50	0.47	21,550	203.93	0.50
16.60	0.46	21,539	203.93	0.49
16.70	0.45	21,528	203.92	0.48
16.80	0.44	21,516	203.92	0.47
16.90	0.44	21,505	203.92	0.47
17.00	0.43	21,495	203.92	0.46
17.10	0.42	21,483	203.92	0.45
17.20	0.41	21,471	203.92	0.45
17.30	0.40	21,459	203.91	0.44
17.40	0.40	21,446	203.91	0.43
17.50	0.39	21,433	203.91	0.43
17.60	0.38	21,420	203.91	0.42
17.70	0.37	21,406	203.91	0.41
17.80	0.37	21,393	203.91	0.40
17.90	0.36	21,379	203.90	0.40
18.00	0.35	21,365	203.90	0.39
18.10	0.34	21,350	203.90	0.38
18.20	0.34	21,336	203.90	0.37
18.30	0.33	21,323	203.90	0.37
18.40	0.33	21,310	203.89	0.36
18.50	0.32	21,298	203.89	0.35
18.60	0.32	21,287	203.89	0.35
18.70	0.32	21,278	203.89	0.34
18.80	0.32	21,269	203.89	0.34
18.90	0.31	21,261	203.89	0.33
19.00	0.31	21,254	203.89	0.33
19.10	0.31	21,247	203.89	0.33
19.20	0.31	21,241	203.89	0.32
19.30	0.30	21,235	203.88	0.32
19.40	0.30	21,229	203.88	0.32
19.50	0.30	21,224	203.88	0.31
19.60	0.30	21,219	203.88	0.31
19.70	0.30	21,214	203.88	0.31
19.80	0.29	21,210	203.88	0.31
19.90	0.29	21,206	203.88	0.30
20.00	0.29	21,201	203.88	0.30
20.10	0.29	21,197	203.88	0.30
20.20	0.29	21,192	203.88	0.30
20.30	0.28	21,187	203.88	0.30
20.40	0.28	21,182	203.88	0.30
20.50	0.28	21,176	203.88	0.30
20.60	0.28	21,171	203.88	0.29
20.70	0.28	21,165	203.87	0.29

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	21,159	203.87	0.29
20.90	0.27	21,153	203.87	0.29
21.00	0.27	21,146	203.87	0.29
21.10	0.27	21,140	203.87	0.29
21.20	0.27	21,133	203.87	0.29
21.30	0.26	21,127	203.87	0.28
21.40	0.26	21,120	203.87	0.28
21.50	0.26	21,113	203.87	0.28
21.60	0.26	21,106	203.87	0.28
21.70	0.26	21,099	203.87	0.28
21.80	0.26	21,092	203.87	0.27
21.90	0.25	21,085	203.86	0.27
22.00	0.25	21,078	203.86	0.27
22.10	0.25	21,071	203.86	0.27
22.20	0.25	21,064	203.86	0.27
22.30	0.25	21,057	203.86	0.27
22.40	0.24	21,049	203.86	0.26
22.50	0.24	21,041	203.86	0.26
22.60	0.24	21,032	203.86	0.26
22.70	0.24	21,023	203.86	0.26
22.80	0.24	21,012	203.85	0.26
22.90	0.23	21,001	203.85	0.26
23.00	0.23	20,990	203.85	0.26
23.10	0.23	20,978	203.85	0.26
23.20	0.23	20,965	203.85	0.26
23.30	0.23	20,951	203.85	0.26
23.40	0.22	20,937	203.84	0.26
23.50	0.22	20,922	203.84	0.26
23.60	0.22	20,906	203.84	0.26
23.70	0.22	20,890	203.84	0.26
23.80	0.22	20,873	203.84	0.26
23.90	0.21	20,855	203.83	0.26
24.00	0.22	20,838	203.83	0.26
24.10	0.18	20,815	203.83	0.26
24.20	0.14	20,779	203.82	0.26
24.30	0.09	20,725	203.82	0.26
24.40	0.05	20,655	203.81	0.26
24.50	0.04	20,577	203.79	0.26
24.60	0.03	20,494	203.78	0.26
24.70	0.02	20,409	203.77	0.26
24.80	0.02	20,322	203.76	0.26
24.90	0.01	20,234	203.75	0.26
25.00	0.01	20,146	203.74	0.26
25.10	0.01	20,057	203.72	0.26
25.20	0.01	19,968	203.71	0.26
25.30	0.01	19,879	203.70	0.26
25.40	0.01	19,790	203.69	0.26
25.50	0.01	19,700	203.68	0.26
25.60	0.01	19,611	203.66	0.25
25.70	0.01	19,521	203.65	0.25
25.80	0.01	19,432	203.64	0.25
25.90	0.00	19,342	203.63	0.25

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	19,253	203.62	0.25
26.10	0.00	19,164	203.60	0.25
26.20	0.00	19,075	203.59	0.25
26.30	0.00	18,986	203.58	0.25
26.40	0.00	18,897	203.57	0.25
26.50	0.00	18,809	203.55	0.25
26.60	0.00	18,720	203.54	0.25
26.70	0.00	18,632	203.53	0.25
26.80	0.00	18,544	203.52	0.25
26.90	0.00	18,456	203.51	0.25
27.00	0.00	18,368	203.49	0.25
27.10	0.00	18,281	203.48	0.25
27.20	0.00	18,193	203.47	0.24
27.30	0.00	18,106	203.46	0.24
27.40	0.00	18,019	203.45	0.24
27.50	0.00	17,932	203.44	0.24
27.60	0.00	17,846	203.42	0.24
27.70	0.00	17,759	203.41	0.24
27.80	0.00	17,673	203.40	0.24
27.90	0.00	17,587	203.39	0.24
28.00	0.00	17,501	203.38	0.24
28.10	0.00	17,415	203.37	0.24
28.20	0.00	17,330	203.35	0.24
28.30	0.00	17,245	203.34	0.24
28.40	0.00	17,160	203.33	0.24
28.50	0.00	17,075	203.32	0.24
28.60	0.00	16,991	203.31	0.24
28.70	0.00	16,906	203.30	0.23
28.80	0.00	16,822	203.29	0.23
28.90	0.00	16,738	203.27	0.23
29.00	0.00	16,655	203.26	0.23
29.10	0.00	16,571	203.25	0.23
29.20	0.00	16,488	203.24	0.23
29.30	0.00	16,405	203.23	0.23
29.40	0.00	16,322	203.22	0.23
29.50	0.00	16,240	203.21	0.23
29.60	0.00	16,158	203.19	0.23
29.70	0.00	16,075	203.18	0.23
29.80	0.00	15,994	203.17	0.23
29.90	0.00	15,912	203.16	0.23
30.00	0.00	15,831	203.15	0.23
30.10	0.00	15,749	203.14	0.23
30.20	0.00	15,669	203.13	0.22
30.30	0.00	15,588	203.12	0.22
30.40	0.00	15,507	203.11	0.22
30.50	0.00	15,427	203.10	0.22
30.60	0.00	15,347	203.08	0.22
30.70	0.00	15,267	203.07	0.22
30.80	0.00	15,188	203.06	0.22
30.90	0.00	15,109	203.05	0.22
31.00	0.00	15,029	203.04	0.22
31.10	0.00	14,951	203.03	0.22

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	14,872	203.02	0.22
31.30	0.00	14,794	203.01	0.22
31.40	0.00	14,716	203.00	0.22
31.50	0.00	14,638	202.99	0.22
31.60	0.00	14,560	202.98	0.22
31.70	0.00	14,483	202.97	0.21
31.80	0.00	14,405	202.96	0.21
31.90	0.00	14,328	202.95	0.21
32.00	0.00	14,252	202.94	0.21
32.10	0.00	14,175	202.93	0.21
32.20	0.00	14,099	202.92	0.21
32.30	0.00	14,023	202.90	0.21
32.40	0.00	13,947	202.89	0.21
32.50	0.00	13,872	202.88	0.21
32.60	0.00	13,796	202.87	0.21
32.70	0.00	13,721	202.86	0.21
32.80	0.00	13,646	202.85	0.21
32.90	0.00	13,572	202.84	0.21
33.00	0.00	13,497	202.83	0.21
33.10	0.00	13,423	202.82	0.21
33.20	0.00	13,349	202.81	0.20
33.30	0.00	13,276	202.80	0.20
33.40	0.00	13,202	202.79	0.20
33.50	0.00	13,129	202.78	0.20
33.60	0.00	13,056	202.77	0.20
33.70	0.00	12,984	202.76	0.20
33.80	0.00	12,911	202.75	0.20
33.90	0.00	12,839	202.74	0.20
34.00	0.00	12,767	202.73	0.20
34.10	0.00	12,695	202.72	0.20
34.20	0.00	12,624	202.71	0.20
34.30	0.00	12,552	202.71	0.20
34.40	0.00	12,481	202.70	0.20
34.50	0.00	12,410	202.69	0.20
34.60	0.00	12,340	202.68	0.20
34.70	0.00	12,270	202.67	0.20
34.80	0.00	12,199	202.66	0.19
34.90	0.00	12,130	202.65	0.19
35.00	0.00	12,060	202.64	0.19
35.10	0.00	11,991	202.63	0.19
35.20	0.00	11,921	202.62	0.19
35.30	0.00	11,852	202.61	0.19
35.40	0.00	11,784	202.60	0.19
35.50	0.00	11,715	202.59	0.19
35.60	0.00	11,647	202.58	0.19
35.70	0.00	11,579	202.57	0.19
35.80	0.00	11,511	202.56	0.19
35.90	0.00	11,444	202.55	0.19
36.00	0.00	11,377	202.55	0.19
36.10	0.00	11,310	202.54	0.19
36.20	0.00	11,243	202.53	0.19
36.30	0.00	11,176	202.52	0.18

Hydrograph for Pond B-39: Basin #39 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	11,110	202.51	0.18
36.50	0.00	11,044	202.50	0.18
36.60	0.00	10,978	202.49	0.18
36.70	0.00	10,913	202.48	0.18
36.80	0.00	10,847	202.47	0.18
36.90	0.00	10,782	202.46	0.18
37.00	0.00	10,717	202.46	0.18
37.10	0.00	10,652	202.45	0.18
37.20	0.00	10,588	202.44	0.18
37.30	0.00	10,524	202.43	0.18
37.40	0.00	10,460	202.42	0.18
37.50	0.00	10,396	202.41	0.18
37.60	0.00	10,333	202.40	0.18
37.70	0.00	10,270	202.39	0.18
37.80	0.00	10,207	202.39	0.17
37.90	0.00	10,144	202.38	0.17
38.00	0.00	10,081	202.37	0.17
38.10	0.00	10,019	202.36	0.17
38.20	0.00	9,957	202.35	0.17
38.30	0.00	9,895	202.34	0.17
38.40	0.00	9,834	202.34	0.17
38.50	0.00	9,772	202.33	0.17
38.60	0.00	9,711	202.32	0.17
38.70	0.00	9,650	202.31	0.17
38.80	0.00	9,590	202.30	0.17
38.90	0.00	9,529	202.29	0.17
39.00	0.00	9,469	202.29	0.17
39.10	0.00	9,409	202.28	0.17
39.20	0.00	9,350	202.27	0.17
39.30	0.00	9,290	202.26	0.16
39.40	0.00	9,231	202.25	0.16
39.50	0.00	9,172	202.25	0.16
39.60	0.00	9,113	202.24	0.16
39.70	0.00	9,055	202.23	0.16
39.80	0.00	8,997	202.22	0.16
39.90	0.00	8,939	202.21	0.16
40.00	0.00	8,881	202.21	0.16

Stage-Discharge for Pond B-39: Basin #39

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
201.00	0.00	201.52	0.08	202.04	0.15	202.56	0.19
201.01	0.00	201.53	0.09	202.05	0.15	202.57	0.19
201.02	0.00	201.54	0.09	202.06	0.15	202.58	0.19
201.03	0.00	201.55	0.09	202.07	0.15	202.59	0.19
201.04	0.00	201.56	0.09	202.08	0.15	202.60	0.19
201.05	0.00	201.57	0.09	202.09	0.15	202.61	0.19
201.06	0.00	201.58	0.09	202.10	0.15	202.62	0.19
201.07	0.00	201.59	0.10	202.11	0.15	202.63	0.19
201.08	0.00	201.60	0.10	202.12	0.15	202.64	0.19
201.09	0.00	201.61	0.10	202.13	0.15	202.65	0.19
201.10	0.00	201.62	0.10	202.14	0.15	202.66	0.19
201.11	0.00	201.63	0.10	202.15	0.16	202.67	0.20
201.12	0.00	201.64	0.10	202.16	0.16	202.68	0.20
201.13	0.00	201.65	0.10	202.17	0.16	202.69	0.20
201.14	0.00	201.66	0.10	202.18	0.16	202.70	0.20
201.15	0.00	201.67	0.11	202.19	0.16	202.71	0.20
201.16	0.00	201.68	0.11	202.20	0.16	202.72	0.20
201.17	0.00	201.69	0.11	202.21	0.16	202.73	0.20
201.18	0.00	201.70	0.11	202.22	0.16	202.74	0.20
201.19	0.00	201.71	0.11	202.23	0.16	202.75	0.20
201.20	0.00	201.72	0.11	202.24	0.16	202.76	0.20
201.21	0.01	201.73	0.11	202.25	0.16	202.77	0.20
201.22	0.01	201.74	0.11	202.26	0.16	202.78	0.20
201.23	0.01	201.75	0.12	202.27	0.17	202.79	0.20
201.24	0.01	201.76	0.12	202.28	0.17	202.80	0.20
201.25	0.02	201.77	0.12	202.29	0.17	202.81	0.20
201.26	0.02	201.78	0.12	202.30	0.17	202.82	0.21
201.27	0.02	201.79	0.12	202.31	0.17	202.83	0.21
201.28	0.03	201.80	0.12	202.32	0.17	202.84	0.21
201.29	0.03	201.81	0.12	202.33	0.17	202.85	0.21
201.30	0.03	201.82	0.12	202.34	0.17	202.86	0.21
201.31	0.04	201.83	0.12	202.35	0.17	202.87	0.21
201.32	0.04	201.84	0.13	202.36	0.17	202.88	0.21
201.33	0.05	201.85	0.13	202.37	0.17	202.89	0.21
201.34	0.05	201.86	0.13	202.38	0.17	202.90	0.21
201.35	0.05	201.87	0.13	202.39	0.17	202.91	0.21
201.36	0.05	201.88	0.13	202.40	0.18	202.92	0.21
201.37	0.06	201.89	0.13	202.41	0.18	202.93	0.21
201.38	0.06	201.90	0.13	202.42	0.18	202.94	0.21
201.39	0.06	201.91	0.13	202.43	0.18	202.95	0.21
201.40	0.06	201.92	0.13	202.44	0.18	202.96	0.21
201.41	0.06	201.93	0.13	202.45	0.18	202.97	0.22
201.42	0.07	201.94	0.14	202.46	0.18	202.98	0.22
201.43	0.07	201.95	0.14	202.47	0.18	202.99	0.22
201.44	0.07	201.96	0.14	202.48	0.18	203.00	0.22
201.45	0.07	201.97	0.14	202.49	0.18	203.01	0.22
201.46	0.07	201.98	0.14	202.50	0.18	203.02	0.22
201.47	0.08	201.99	0.14	202.51	0.18	203.03	0.22
201.48	0.08	202.00	0.14	202.52	0.18	203.04	0.22
201.49	0.08	202.01	0.14	202.53	0.19	203.05	0.22
201.50	0.08	202.02	0.14	202.54	0.19	203.06	0.22
201.51	0.08	202.03	0.14	202.55	0.19	203.07	0.22

Stage-Discharge for Pond B-39: Basin #39 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
203.08	0.22	203.60	0.25	204.12	1.99	204.64	15.13
203.09	0.22	203.61	0.25	204.13	2.09	204.65	15.97
203.10	0.22	203.62	0.25	204.14	2.19	204.66	16.83
203.11	0.22	203.63	0.25	204.15	2.29	204.67	17.72
203.12	0.22	203.64	0.25	204.16	2.40	204.68	18.63
203.13	0.22	203.65	0.25	204.17	2.50	204.69	19.56
203.14	0.23	203.66	0.25	204.18	2.61	204.70	20.52
203.15	0.23	203.67	0.26	204.19	2.72	204.71	21.53
203.16	0.23	203.68	0.26	204.20	2.83	204.72	22.57
203.17	0.23	203.69	0.26	204.21	2.94	204.73	23.64
203.18	0.23	203.70	0.26	204.22	3.06	204.74	24.73
203.19	0.23	203.71	0.26	204.23	3.17	204.75	25.85
203.20	0.23	203.72	0.26	204.24	3.29	204.76	27.00
203.21	0.23	203.73	0.26	204.25	3.41	204.77	28.17
203.22	0.23	203.74	0.26	204.26	3.53	204.78	29.37
203.23	0.23	203.75	0.26	204.27	3.65	204.79	30.59
203.24	0.23	203.76	0.26	204.28	3.77	204.80	31.84
203.25	0.23	203.77	0.26	204.29	3.89	204.81	33.11
203.26	0.23	203.78	0.26	204.30	4.02	204.82	34.41
203.27	0.23	203.79	0.26	204.31	4.15	204.83	35.73
203.28	0.23	203.80	0.26	204.32	4.27	204.84	37.08
203.29	0.23	203.81	0.26	204.33	4.40	204.85	38.45
203.30	0.23	203.82	0.26	204.34	4.53	204.86	39.85
203.31	0.24	203.83	0.26	204.35	4.67	204.87	41.28
203.32	0.24	203.84	0.26	204.36	4.80	204.88	42.72
203.33	0.24	203.85	0.26	204.37	4.93	204.89	44.20
203.34	0.24	203.86	0.26	204.38	5.07	204.90	45.69
203.35	0.24	203.87	0.28	204.39	5.20	204.91	47.24
203.36	0.24	203.88	0.30	204.40	5.34	204.92	48.82
203.37	0.24	203.89	0.33	204.41	5.48	204.93	50.42
203.38	0.24	203.90	0.37	204.42	5.62	204.94	52.05
203.39	0.24	203.91	0.41	204.43	5.76	204.95	53.71
203.40	0.24	203.92	0.46	204.44	5.90	204.96	55.39
203.41	0.24	203.93	0.51	204.45	6.05	204.97	57.10
203.42	0.24	203.94	0.56	204.46	6.19	204.98	58.84
203.43	0.24	203.95	0.62	204.47	6.34	204.99	60.60
203.44	0.24	203.96	0.68	204.48	6.48	205.00	62.40
203.45	0.24	203.97	0.75	204.49	6.63		
203.46	0.24	203.98	0.81	204.50	6.78		
203.47	0.24	203.99	0.88	204.51	7.04		
203.48	0.24	204.00	0.95	204.52	7.41		
203.49	0.25	204.01	1.03	204.53	7.84		
203.50	0.25	204.02	1.10	204.54	8.32		
203.51	0.25	204.03	1.18	204.55	8.85		
203.52	0.25	204.04	1.26	204.56	9.42		
203.53	0.25	204.05	1.35	204.57	10.02		
203.54	0.25	204.06	1.43	204.58	10.66		
203.55	0.25	204.07	1.52	204.59	11.33		
203.56	0.25	204.08	1.61	204.60	12.04		
203.57	0.25	204.09	1.70	204.61	12.77		
203.58	0.25	204.10	1.80	204.62	13.53		
203.59	0.25	204.11	1.89	204.63	14.32		

Stage-Area-Storage for Pond B-39: Basin #39

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
201.00	7,362	0	201.52	7,362	3,828
201.01	7,362	74	201.53	7,362	3,902
201.02	7,362	147	201.54	7,362	3,975
201.03	7,362	221	201.55	7,362	4,049
201.04	7,362	294	201.56	7,362	4,123
201.05	7,362	368	201.57	7,362	4,196
201.06	7,362	442	201.58	7,362	4,270
201.07	7,362	515	201.59	7,362	4,344
201.08	7,362	589	201.60	7,362	4,417
201.09	7,362	663	201.61	7,362	4,491
201.10	7,362	736	201.62	7,362	4,564
201.11	7,362	810	201.63	7,362	4,638
201.12	7,362	883	201.64	7,362	4,712
201.13	7,362	957	201.65	7,362	4,785
201.14	7,362	1,031	201.66	7,362	4,859
201.15	7,362	1,104	201.67	7,362	4,933
201.16	7,362	1,178	201.68	7,362	5,006
201.17	7,362	1,252	201.69	7,362	5,080
201.18	7,362	1,325	201.70	7,362	5,153
201.19	7,362	1,399	201.71	7,362	5,227
201.20	7,362	1,472	201.72	7,362	5,301
201.21	7,362	1,546	201.73	7,362	5,374
201.22	7,362	1,620	201.74	7,362	5,448
201.23	7,362	1,693	201.75	7,362	5,522
201.24	7,362	1,767	201.76	7,362	5,595
201.25	7,362	1,841	201.77	7,362	5,669
201.26	7,362	1,914	201.78	7,362	5,742
201.27	7,362	1,988	201.79	7,362	5,816
201.28	7,362	2,061	201.80	7,362	5,890
201.29	7,362	2,135	201.81	7,362	5,963
201.30	7,362	2,209	201.82	7,362	6,037
201.31	7,362	2,282	201.83	7,362	6,110
201.32	7,362	2,356	201.84	7,362	6,184
201.33	7,362	2,429	201.85	7,362	6,258
201.34	7,362	2,503	201.86	7,362	6,331
201.35	7,362	2,577	201.87	7,362	6,405
201.36	7,362	2,650	201.88	7,362	6,479
201.37	7,362	2,724	201.89	7,362	6,552
201.38	7,362	2,798	201.90	7,362	6,626
201.39	7,362	2,871	201.91	7,362	6,699
201.40	7,362	2,945	201.92	7,362	6,773
201.41	7,362	3,018	201.93	7,362	6,847
201.42	7,362	3,092	201.94	7,362	6,920
201.43	7,362	3,166	201.95	7,362	6,994
201.44	7,362	3,239	201.96	7,362	7,068
201.45	7,362	3,313	201.97	7,362	7,141
201.46	7,362	3,387	201.98	7,362	7,215
201.47	7,362	3,460	201.99	7,362	7,288
201.48	7,362	3,534	202.00	7,362	7,362
201.49	7,362	3,607	202.01	7,362	7,436
201.50	7,362	3,681	202.02	7,362	7,509
201.51	7,362	3,755	202.03	7,362	7,583

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.04	7,362	7,656	202.56	7,362	11,485
202.05	7,362	7,730	202.57	7,362	11,558
202.06	7,362	7,804	202.58	7,362	11,632
202.07	7,362	7,877	202.59	7,362	11,706
202.08	7,362	7,951	202.60	7,362	11,779
202.09	7,362	8,025	202.61	7,362	11,853
202.10	7,362	8,098	202.62	7,362	11,926
202.11	7,362	8,172	202.63	7,362	12,000
202.12	7,362	8,245	202.64	7,362	12,074
202.13	7,362	8,319	202.65	7,362	12,147
202.14	7,362	8,393	202.66	7,362	12,221
202.15	7,362	8,466	202.67	7,362	12,295
202.16	7,362	8,540	202.68	7,362	12,368
202.17	7,362	8,614	202.69	7,362	12,442
202.18	7,362	8,687	202.70	7,362	12,515
202.19	7,362	8,761	202.71	7,362	12,589
202.20	7,362	8,834	202.72	7,362	12,663
202.21	7,362	8,908	202.73	7,362	12,736
202.22	7,362	8,982	202.74	7,362	12,810
202.23	7,362	9,055	202.75	7,362	12,884
202.24	7,362	9,129	202.76	7,362	12,957
202.25	7,362	9,203	202.77	7,362	13,031
202.26	7,362	9,276	202.78	7,362	13,104
202.27	7,362	9,350	202.79	7,362	13,178
202.28	7,362	9,423	202.80	7,362	13,252
202.29	7,362	9,497	202.81	7,362	13,325
202.30	7,362	9,571	202.82	7,362	13,399
202.31	7,362	9,644	202.83	7,362	13,472
202.32	7,362	9,718	202.84	7,362	13,546
202.33	7,362	9,791	202.85	7,362	13,620
202.34	7,362	9,865	202.86	7,362	13,693
202.35	7,362	9,939	202.87	7,362	13,767
202.36	7,362	10,012	202.88	7,362	13,841
202.37	7,362	10,086	202.89	7,362	13,914
202.38	7,362	10,160	202.90	7,362	13,988
202.39	7,362	10,233	202.91	7,362	14,061
202.40	7,362	10,307	202.92	7,362	14,135
202.41	7,362	10,380	202.93	7,362	14,209
202.42	7,362	10,454	202.94	7,362	14,282
202.43	7,362	10,528	202.95	7,362	14,356
202.44	7,362	10,601	202.96	7,362	14,430
202.45	7,362	10,675	202.97	7,362	14,503
202.46	7,362	10,749	202.98	7,362	14,577
202.47	7,362	10,822	202.99	7,362	14,650
202.48	7,362	10,896	203.00	7,362	14,724
202.49	7,362	10,969	203.01	7,362	14,798
202.50	7,362	11,043	203.02	7,362	14,871
202.51	7,362	11,117	203.03	7,362	14,945
202.52	7,362	11,190	203.04	7,362	15,018
202.53	7,362	11,264	203.05	7,362	15,092
202.54	7,362	11,337	203.06	7,362	15,166
202.55	7,362	11,411	203.07	7,362	15,239

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.08	7,362	15,313	203.60	7,362	19,141
203.09	7,362	15,387	203.61	7,362	19,215
203.10	7,362	15,460	203.62	7,362	19,288
203.11	7,362	15,534	203.63	7,362	19,362
203.12	7,362	15,607	203.64	7,362	19,436
203.13	7,362	15,681	203.65	7,362	19,509
203.14	7,362	15,755	203.66	7,362	19,583
203.15	7,362	15,828	203.67	7,362	19,657
203.16	7,362	15,902	203.68	7,362	19,730
203.17	7,362	15,976	203.69	7,362	19,804
203.18	7,362	16,049	203.70	7,362	19,877
203.19	7,362	16,123	203.71	7,362	19,951
203.20	7,362	16,196	203.72	7,362	20,025
203.21	7,362	16,270	203.73	7,362	20,098
203.22	7,362	16,344	203.74	7,362	20,172
203.23	7,362	16,417	203.75	7,362	20,246
203.24	7,362	16,491	203.76	7,362	20,319
203.25	7,362	16,565	203.77	7,362	20,393
203.26	7,362	16,638	203.78	7,362	20,466
203.27	7,362	16,712	203.79	7,362	20,540
203.28	7,362	16,785	203.80	7,362	20,614
203.29	7,362	16,859	203.81	7,362	20,687
203.30	7,362	16,933	203.82	7,362	20,761
203.31	7,362	17,006	203.83	7,362	20,834
203.32	7,362	17,080	203.84	7,362	20,908
203.33	7,362	17,153	203.85	7,362	20,982
203.34	7,362	17,227	203.86	7,362	21,055
203.35	7,362	17,301	203.87	7,362	21,129
203.36	7,362	17,374	203.88	7,362	21,203
203.37	7,362	17,448	203.89	7,362	21,276
203.38	7,362	17,522	203.90	7,362	21,350
203.39	7,362	17,595	203.91	7,362	21,423
203.40	7,362	17,669	203.92	7,362	21,497
203.41	7,362	17,742	203.93	7,362	21,571
203.42	7,362	17,816	203.94	7,362	21,644
203.43	7,362	17,890	203.95	7,362	21,718
203.44	7,362	17,963	203.96	7,362	21,792
203.45	7,362	18,037	203.97	7,362	21,865
203.46	7,362	18,111	203.98	7,362	21,939
203.47	7,362	18,184	203.99	7,362	22,012
203.48	7,362	18,258	204.00	7,362	22,086
203.49	7,362	18,331	204.01	7,362	22,160
203.50	7,362	18,405	204.02	7,362	22,233
203.51	7,362	18,479	204.03	7,362	22,307
203.52	7,362	18,552	204.04	7,362	22,380
203.53	7,362	18,626	204.05	7,362	22,454
203.54	7,362	18,699	204.06	7,362	22,528
203.55	7,362	18,773	204.07	7,362	22,601
203.56	7,362	18,847	204.08	7,362	22,675
203.57	7,362	18,920	204.09	7,362	22,749
203.58	7,362	18,994	204.10	7,362	22,822
203.59	7,362	19,068	204.11	7,362	22,896

Stage-Area-Storage for Pond B-39: Basin #39 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.12	7,362	22,969	204.64	7,362	26,798
204.13	7,362	23,043	204.65	7,362	26,871
204.14	7,362	23,117	204.66	7,362	26,945
204.15	7,362	23,190	204.67	7,362	27,019
204.16	7,362	23,264	204.68	7,362	27,092
204.17	7,362	23,338	204.69	7,362	27,166
204.18	7,362	23,411	204.70	7,362	27,239
204.19	7,362	23,485	204.71	7,362	27,313
204.20	7,362	23,558	204.72	7,362	27,387
204.21	7,362	23,632	204.73	7,362	27,460
204.22	7,362	23,706	204.74	7,362	27,534
204.23	7,362	23,779	204.75	7,362	27,608
204.24	7,362	23,853	204.76	7,362	27,681
204.25	7,362	23,927	204.77	7,362	27,755
204.26	7,362	24,000	204.78	7,362	27,828
204.27	7,362	24,074	204.79	7,362	27,902
204.28	7,362	24,147	204.80	7,362	27,976
204.29	7,362	24,221	204.81	7,362	28,049
204.30	7,362	24,295	204.82	7,362	28,123
204.31	7,362	24,368	204.83	7,362	28,196
204.32	7,362	24,442	204.84	7,362	28,270
204.33	7,362	24,515	204.85	7,362	28,344
204.34	7,362	24,589	204.86	7,362	28,417
204.35	7,362	24,663	204.87	7,362	28,491
204.36	7,362	24,736	204.88	7,362	28,565
204.37	7,362	24,810	204.89	7,362	28,638
204.38	7,362	24,884	204.90	7,362	28,712
204.39	7,362	24,957	204.91	7,362	28,785
204.40	7,362	25,031	204.92	7,362	28,859
204.41	7,362	25,104	204.93	7,362	28,933
204.42	7,362	25,178	204.94	7,362	29,006
204.43	7,362	25,252	204.95	7,362	29,080
204.44	7,362	25,325	204.96	7,362	29,154
204.45	7,362	25,399	204.97	7,362	29,227
204.46	7,362	25,473	204.98	7,362	29,301
204.47	7,362	25,546	204.99	7,362	29,374
204.48	7,362	25,620	205.00	7,362	29,448
204.49	7,362	25,693			
204.50	7,362	25,767			
204.51	7,362	25,841			
204.52	7,362	25,914			
204.53	7,362	25,988			
204.54	7,362	26,061			
204.55	7,362	26,135			
204.56	7,362	26,209			
204.57	7,362	26,282			
204.58	7,362	26,356			
204.59	7,362	26,430			
204.60	7,362	26,503			
204.61	7,362	26,577			
204.62	7,362	26,650			
204.63	7,362	26,724			

Summary for Pond B-40: Basin #40

Inflow Area = 1.888 ac, 47.19% Impervious, Inflow Depth = 8.86" for Future 100 yr event
 Inflow = 10.87 cfs @ 12.25 hrs, Volume= 1.394 af
 Outflow = 6.46 cfs @ 12.54 hrs, Volume= 1.322 af, Atten= 41%, Lag= 17.3 min
 Primary = 6.46 cfs @ 12.54 hrs, Volume= 1.322 af
 Routed to Link PDA-3 : Proposed Drainage Area #3

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 205.49' @ 12.53 hrs Surf.Area= 7,603 sf Storage= 24,036 cf

Plug-Flow detention time= 224.7 min calculated for 1.320 af (95% of inflow)
 Center-of-Mass det. time= 195.8 min (992.3 - 796.5)

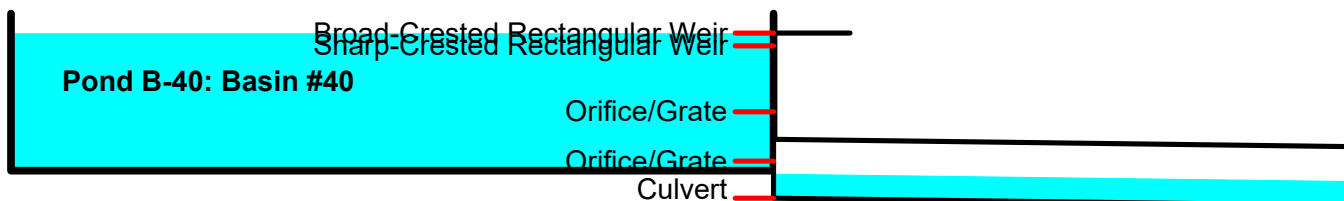
Volume	Invert	Avail.Storage	Storage Description
#1	202.00'	27,978 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
202.00	6,191	0	0
203.00	6,584	6,388	6,388
204.00	6,987	6,786	13,173
205.00	7,406	7,197	20,370
206.00	7,810	7,608	27,978

Device	Routing	Invert	Outlet Devices
#1	Primary	201.30'	18.0" Round Culvert L= 38.0' Ke= 0.500 Inlet / Outlet Invert= 201.30' / 201.11' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	202.24'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	203.50'	15.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#4	Device 1	205.18'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#5	Primary	205.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

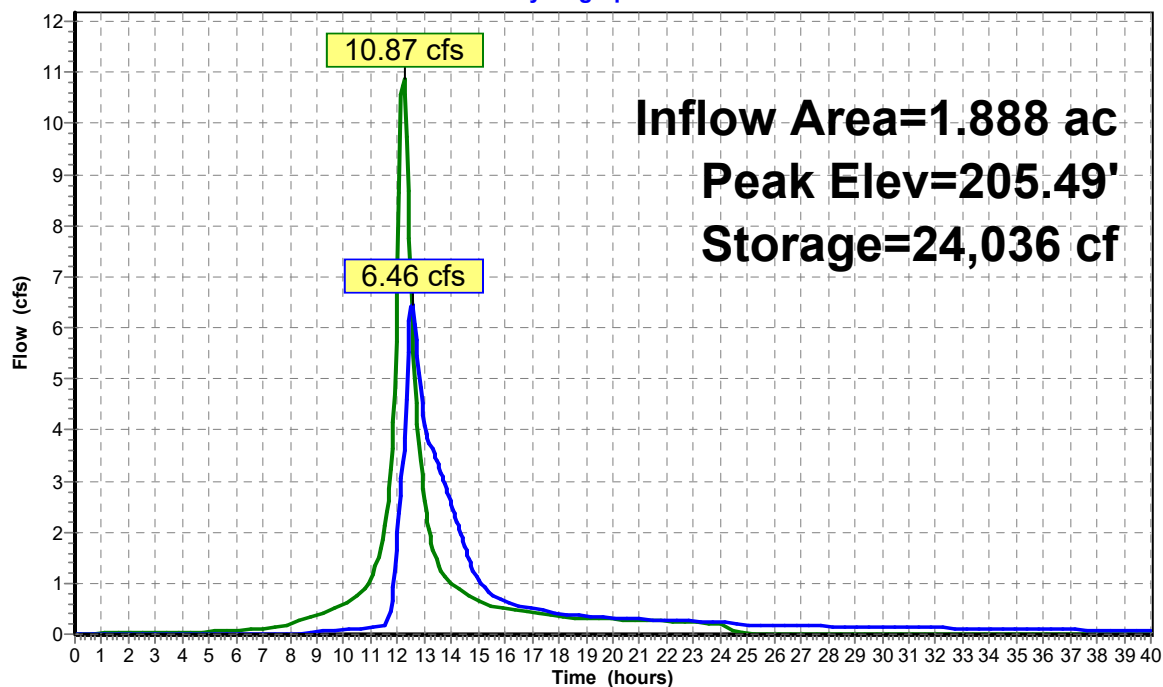
Primary OutFlow Max=6.44 cfs @ 12.54 hrs HW=205.49' (Free Discharge)

1=Culvert (Passes 6.44 cfs of 15.77 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.29 cfs @ 8.54 fps)
 3=Orifice/Grate (Orifice Controls 3.96 cfs @ 6.34 fps)
 4=Sharp-Crested Rectangular Weir (Weir Controls 2.19 cfs @ 1.81 fps)
 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-40: Basin #40

Hydrograph



Hydrograph for Pond B-40: Basin #40

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	202.00	0.00
0.10	0.00	0	202.00	0.00
0.20	0.00	0	202.00	0.00
0.30	0.00	0	202.00	0.00
0.40	0.00	0	202.00	0.00
0.50	0.00	1	202.00	0.00
0.60	0.01	3	202.00	0.00
0.70	0.01	7	202.00	0.00
0.80	0.01	11	202.00	0.00
0.90	0.02	17	202.00	0.00
1.00	0.02	23	202.00	0.00
1.10	0.02	30	202.00	0.00
1.20	0.02	37	202.01	0.00
1.30	0.02	46	202.01	0.00
1.40	0.03	55	202.01	0.00
1.50	0.03	64	202.01	0.00
1.60	0.03	74	202.01	0.00
1.70	0.03	84	202.01	0.00
1.80	0.03	95	202.02	0.00
1.90	0.03	106	202.02	0.00
2.00	0.03	118	202.02	0.00
2.10	0.03	130	202.02	0.00
2.20	0.03	142	202.02	0.00
2.30	0.04	154	202.02	0.00
2.40	0.04	167	202.03	0.00
2.50	0.04	180	202.03	0.00
2.60	0.04	194	202.03	0.00
2.70	0.04	207	202.03	0.00
2.80	0.04	221	202.04	0.00
2.90	0.04	236	202.04	0.00
3.00	0.04	250	202.04	0.00
3.10	0.04	265	202.04	0.00
3.20	0.04	280	202.05	0.00
3.30	0.04	295	202.05	0.00
3.40	0.04	310	202.05	0.00
3.50	0.04	326	202.05	0.00
3.60	0.04	342	202.06	0.00
3.70	0.04	358	202.06	0.00
3.80	0.05	374	202.06	0.00
3.90	0.05	390	202.06	0.00
4.00	0.05	407	202.07	0.00
4.10	0.05	424	202.07	0.00
4.20	0.05	441	202.07	0.00
4.30	0.05	458	202.07	0.00
4.40	0.05	475	202.08	0.00
4.50	0.05	493	202.08	0.00
4.60	0.05	510	202.08	0.00
4.70	0.05	528	202.09	0.00
4.80	0.05	546	202.09	0.00
4.90	0.05	565	202.09	0.00
5.00	0.05	583	202.09	0.00
5.10	0.05	601	202.10	0.00

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	620	202.10	0.00
5.30	0.05	639	202.10	0.00
5.40	0.06	659	202.11	0.00
5.50	0.06	679	202.11	0.00
5.60	0.06	700	202.11	0.00
5.70	0.06	721	202.12	0.00
5.80	0.06	744	202.12	0.00
5.90	0.07	767	202.12	0.00
6.00	0.07	790	202.13	0.00
6.10	0.07	815	202.13	0.00
6.20	0.07	841	202.14	0.00
6.30	0.08	868	202.14	0.00
6.40	0.08	896	202.14	0.00
6.50	0.08	926	202.15	0.00
6.60	0.09	957	202.15	0.00
6.70	0.09	989	202.16	0.00
6.80	0.10	1,023	202.16	0.00
6.90	0.10	1,058	202.17	0.00
7.00	0.10	1,094	202.18	0.00
7.10	0.11	1,132	202.18	0.00
7.20	0.11	1,172	202.19	0.00
7.30	0.12	1,213	202.19	0.00
7.40	0.12	1,256	202.20	0.00
7.50	0.13	1,300	202.21	0.00
7.60	0.13	1,346	202.22	0.00
7.70	0.13	1,393	202.22	0.00
7.80	0.14	1,443	202.23	0.00
7.90	0.16	1,497	202.24	0.00
8.00	0.19	1,560	202.25	0.00
8.10	0.21	1,632	202.26	0.00
8.20	0.24	1,712	202.27	0.00
8.30	0.26	1,801	202.29	0.00
8.40	0.28	1,897	202.30	0.01
8.50	0.30	1,997	202.32	0.01
8.60	0.31	2,103	202.34	0.02
8.70	0.33	2,211	202.35	0.02
8.80	0.34	2,322	202.37	0.03
8.90	0.35	2,436	202.39	0.03
9.00	0.36	2,551	202.41	0.04
9.10	0.38	2,669	202.43	0.05
9.20	0.39	2,790	202.44	0.05
9.30	0.41	2,916	202.46	0.06
9.40	0.44	3,048	202.48	0.06
9.50	0.46	3,186	202.51	0.07
9.60	0.48	3,331	202.53	0.07
9.70	0.51	3,484	202.55	0.07
9.80	0.53	3,644	202.58	0.08
9.90	0.56	3,812	202.60	0.08
10.00	0.59	3,988	202.63	0.09
10.10	0.61	4,173	202.66	0.09
10.20	0.64	4,365	202.69	0.10
10.30	0.67	4,566	202.72	0.10

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.70	4,776	202.75	0.10
10.50	0.73	4,994	202.79	0.11
10.60	0.78	5,225	202.82	0.11
10.70	0.84	5,474	202.86	0.12
10.80	0.92	5,747	202.90	0.12
10.90	1.01	6,048	202.95	0.13
11.00	1.10	6,381	203.00	0.13
11.10	1.23	6,751	203.06	0.14
11.20	1.37	7,167	203.12	0.14
11.30	1.54	7,638	203.19	0.15
11.40	1.72	8,169	203.27	0.16
11.50	1.91	8,764	203.36	0.17
11.60	2.40	9,475	203.46	0.17
11.70	2.85	10,342	203.59	0.29
11.80	3.63	11,342	203.74	0.65
11.90	4.71	12,505	203.90	1.24
12.00	6.87	13,995	204.12	2.00
12.10	10.57	16,274	204.44	2.72
12.20	10.64	19,003	204.81	3.36
12.30	10.55	21,568	205.16	3.85
12.40	8.69	23,382	205.40	5.51
12.50	6.95	24,007	205.48	6.42
12.60	5.52	23,935	205.48	6.31
12.70	4.54	23,564	205.43	5.76
12.80	3.74	23,089	205.36	5.13
12.90	3.12	22,582	205.30	4.54
13.00	2.61	22,064	205.23	4.07
13.10	2.20	21,510	205.15	3.84
13.20	1.91	20,887	205.07	3.72
13.30	1.70	20,218	204.98	3.60
13.40	1.53	19,527	204.89	3.46
13.50	1.39	18,830	204.79	3.32
13.60	1.26	18,137	204.70	3.17
13.70	1.16	17,458	204.60	3.01
13.80	1.08	16,802	204.51	2.86
13.90	1.02	16,179	204.42	2.69
14.00	0.97	15,597	204.34	2.53
14.10	0.94	15,058	204.27	2.37
14.20	0.90	14,564	204.20	2.21
14.30	0.87	14,116	204.13	2.05
14.40	0.84	13,715	204.08	1.89
14.50	0.81	13,360	204.03	1.73
14.60	0.78	13,053	203.98	1.56
14.70	0.75	12,795	203.95	1.40
14.80	0.72	12,577	203.91	1.28
14.90	0.69	12,389	203.89	1.17
15.00	0.66	12,225	203.86	1.08
15.10	0.63	12,080	203.84	1.01
15.20	0.60	11,951	203.82	0.94
15.30	0.58	11,836	203.81	0.88
15.40	0.57	11,734	203.79	0.83
15.50	0.56	11,644	203.78	0.79

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.55	11,564	203.77	0.75
15.70	0.54	11,494	203.76	0.72
15.80	0.53	11,431	203.75	0.69
15.90	0.52	11,374	203.74	0.67
16.00	0.51	11,323	203.73	0.65
16.10	0.50	11,277	203.73	0.63
16.20	0.50	11,234	203.72	0.61
16.30	0.49	11,195	203.71	0.59
16.40	0.48	11,159	203.71	0.58
16.50	0.47	11,124	203.70	0.56
16.60	0.46	11,092	203.70	0.55
16.70	0.45	11,061	203.70	0.54
16.80	0.45	11,032	203.69	0.53
16.90	0.44	11,004	203.69	0.51
17.00	0.43	10,977	203.68	0.50
17.10	0.42	10,951	203.68	0.49
17.20	0.42	10,926	203.68	0.48
17.30	0.41	10,901	203.67	0.48
17.40	0.40	10,877	203.67	0.47
17.50	0.39	10,853	203.66	0.46
17.60	0.38	10,829	203.66	0.45
17.70	0.38	10,805	203.66	0.44
17.80	0.37	10,782	203.65	0.43
17.90	0.36	10,759	203.65	0.42
18.00	0.35	10,736	203.65	0.42
18.10	0.34	10,713	203.64	0.41
18.20	0.34	10,690	203.64	0.40
18.30	0.33	10,668	203.64	0.39
18.40	0.33	10,647	203.63	0.39
18.50	0.32	10,627	203.63	0.38
18.60	0.32	10,608	203.63	0.37
18.70	0.32	10,590	203.63	0.37
18.80	0.32	10,573	203.62	0.36
18.90	0.31	10,558	203.62	0.36
19.00	0.31	10,543	203.62	0.35
19.10	0.31	10,529	203.62	0.35
19.20	0.31	10,516	203.62	0.34
19.30	0.31	10,503	203.61	0.34
19.40	0.30	10,491	203.61	0.34
19.50	0.30	10,480	203.61	0.33
19.60	0.30	10,469	203.61	0.33
19.70	0.30	10,459	203.61	0.33
19.80	0.30	10,449	203.61	0.32
19.90	0.29	10,440	203.60	0.32
20.00	0.29	10,431	203.60	0.32
20.10	0.29	10,422	203.60	0.31
20.20	0.29	10,414	203.60	0.31
20.30	0.29	10,405	203.60	0.31
20.40	0.28	10,397	203.60	0.31
20.50	0.28	10,389	203.60	0.31
20.60	0.28	10,380	203.60	0.30
20.70	0.28	10,372	203.59	0.30

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.28	10,364	203.59	0.30
20.90	0.27	10,356	203.59	0.30
21.00	0.27	10,348	203.59	0.29
21.10	0.27	10,340	203.59	0.29
21.20	0.27	10,332	203.59	0.29
21.30	0.27	10,324	203.59	0.29
21.40	0.26	10,316	203.59	0.29
21.50	0.26	10,309	203.59	0.28
21.60	0.26	10,301	203.58	0.28
21.70	0.26	10,293	203.58	0.28
21.80	0.26	10,285	203.58	0.28
21.90	0.25	10,277	203.58	0.28
22.00	0.25	10,269	203.58	0.27
22.10	0.25	10,262	203.58	0.27
22.20	0.25	10,254	203.58	0.27
22.30	0.25	10,246	203.58	0.27
22.40	0.24	10,238	203.57	0.27
22.50	0.24	10,231	203.57	0.26
22.60	0.24	10,223	203.57	0.26
22.70	0.24	10,215	203.57	0.26
22.80	0.24	10,208	203.57	0.26
22.90	0.23	10,200	203.57	0.26
23.00	0.23	10,192	203.57	0.25
23.10	0.23	10,185	203.57	0.25
23.20	0.23	10,177	203.57	0.25
23.30	0.23	10,169	203.56	0.25
23.40	0.22	10,161	203.56	0.25
23.50	0.22	10,154	203.56	0.24
23.60	0.22	10,146	203.56	0.24
23.70	0.22	10,138	203.56	0.24
23.80	0.22	10,131	203.56	0.24
23.90	0.21	10,123	203.56	0.24
24.00	0.22	10,116	203.56	0.24
24.10	0.18	10,104	203.56	0.23
24.20	0.14	10,078	203.55	0.23
24.30	0.09	10,037	203.55	0.22
24.40	0.05	9,984	203.54	0.21
24.50	0.04	9,927	203.53	0.20
24.60	0.03	9,868	203.52	0.19
24.70	0.02	9,810	203.51	0.18
24.80	0.02	9,752	203.50	0.18
24.90	0.02	9,694	203.49	0.18
25.00	0.01	9,636	203.49	0.18
25.10	0.01	9,577	203.48	0.17
25.20	0.01	9,518	203.47	0.17
25.30	0.01	9,459	203.46	0.17
25.40	0.01	9,400	203.45	0.17
25.50	0.01	9,341	203.44	0.17
25.60	0.01	9,281	203.43	0.17
25.70	0.01	9,222	203.42	0.17
25.80	0.01	9,162	203.42	0.17
25.90	0.00	9,103	203.41	0.17

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,044	203.40	0.17
26.10	0.00	8,985	203.39	0.17
26.20	0.00	8,926	203.38	0.17
26.30	0.00	8,867	203.37	0.17
26.40	0.00	8,809	203.36	0.17
26.50	0.00	8,751	203.36	0.17
26.60	0.00	8,692	203.35	0.16
26.70	0.00	8,634	203.34	0.16
26.80	0.00	8,577	203.33	0.16
26.90	0.00	8,519	203.32	0.16
27.00	0.00	8,461	203.31	0.16
27.10	0.00	8,404	203.30	0.16
27.20	0.00	8,347	203.29	0.16
27.30	0.00	8,290	203.29	0.16
27.40	0.00	8,234	203.28	0.16
27.50	0.00	8,177	203.27	0.16
27.60	0.00	8,121	203.26	0.16
27.70	0.00	8,065	203.25	0.16
27.80	0.00	8,010	203.24	0.16
27.90	0.00	7,954	203.24	0.16
28.00	0.00	7,899	203.23	0.15
28.10	0.00	7,844	203.22	0.15
28.20	0.00	7,789	203.21	0.15
28.30	0.00	7,734	203.20	0.15
28.40	0.00	7,680	203.20	0.15
28.50	0.00	7,626	203.19	0.15
28.60	0.00	7,572	203.18	0.15
28.70	0.00	7,519	203.17	0.15
28.80	0.00	7,465	203.16	0.15
28.90	0.00	7,412	203.15	0.15
29.00	0.00	7,359	203.15	0.15
29.10	0.00	7,307	203.14	0.15
29.20	0.00	7,254	203.13	0.15
29.30	0.00	7,202	203.12	0.14
29.40	0.00	7,150	203.12	0.14
29.50	0.00	7,099	203.11	0.14
29.60	0.00	7,047	203.10	0.14
29.70	0.00	6,996	203.09	0.14
29.80	0.00	6,945	203.08	0.14
29.90	0.00	6,895	203.08	0.14
30.00	0.00	6,844	203.07	0.14
30.10	0.00	6,794	203.06	0.14
30.20	0.00	6,744	203.05	0.14
30.30	0.00	6,695	203.05	0.14
30.40	0.00	6,646	203.04	0.14
30.50	0.00	6,596	203.03	0.14
30.60	0.00	6,548	203.02	0.14
30.70	0.00	6,499	203.02	0.13
30.80	0.00	6,451	203.01	0.13
30.90	0.00	6,403	203.00	0.13
31.00	0.00	6,355	203.00	0.13
31.10	0.00	6,308	202.99	0.13

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,260	202.98	0.13
31.30	0.00	6,213	202.97	0.13
31.40	0.00	6,167	202.97	0.13
31.50	0.00	6,120	202.96	0.13
31.60	0.00	6,074	202.95	0.13
31.70	0.00	6,028	202.95	0.13
31.80	0.00	5,983	202.94	0.13
31.90	0.00	5,937	202.93	0.13
32.00	0.00	5,892	202.92	0.13
32.10	0.00	5,847	202.92	0.12
32.20	0.00	5,803	202.91	0.12
32.30	0.00	5,758	202.90	0.12
32.40	0.00	5,714	202.90	0.12
32.50	0.00	5,670	202.89	0.12
32.60	0.00	5,627	202.88	0.12
32.70	0.00	5,584	202.88	0.12
32.80	0.00	5,541	202.87	0.12
32.90	0.00	5,498	202.86	0.12
33.00	0.00	5,455	202.86	0.12
33.10	0.00	5,413	202.85	0.12
33.20	0.00	5,371	202.84	0.12
33.30	0.00	5,330	202.84	0.12
33.40	0.00	5,288	202.83	0.11
33.50	0.00	5,247	202.83	0.11
33.60	0.00	5,206	202.82	0.11
33.70	0.00	5,166	202.81	0.11
33.80	0.00	5,125	202.81	0.11
33.90	0.00	5,085	202.80	0.11
34.00	0.00	5,045	202.79	0.11
34.10	0.00	5,006	202.79	0.11
34.20	0.00	4,967	202.78	0.11
34.30	0.00	4,928	202.78	0.11
34.40	0.00	4,889	202.77	0.11
34.50	0.00	4,851	202.76	0.11
34.60	0.00	4,812	202.76	0.11
34.70	0.00	4,774	202.75	0.10
34.80	0.00	4,737	202.75	0.10
34.90	0.00	4,699	202.74	0.10
35.00	0.00	4,662	202.74	0.10
35.10	0.00	4,625	202.73	0.10
35.20	0.00	4,589	202.72	0.10
35.30	0.00	4,553	202.72	0.10
35.40	0.00	4,517	202.71	0.10
35.50	0.00	4,481	202.71	0.10
35.60	0.00	4,445	202.70	0.10
35.70	0.00	4,410	202.70	0.10
35.80	0.00	4,375	202.69	0.10
35.90	0.00	4,340	202.69	0.10
36.00	0.00	4,306	202.68	0.10
36.10	0.00	4,272	202.68	0.09
36.20	0.00	4,238	202.67	0.09
36.30	0.00	4,204	202.67	0.09

Hydrograph for Pond B-40: Basin #40 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,171	202.66	0.09
36.50	0.00	4,138	202.65	0.09
36.60	0.00	4,105	202.65	0.09
36.70	0.00	4,073	202.64	0.09
36.80	0.00	4,041	202.64	0.09
36.90	0.00	4,009	202.63	0.09
37.00	0.00	3,977	202.63	0.09
37.10	0.00	3,945	202.62	0.09
37.20	0.00	3,914	202.62	0.09
37.30	0.00	3,883	202.62	0.09
37.40	0.00	3,853	202.61	0.08
37.50	0.00	3,822	202.61	0.08
37.60	0.00	3,792	202.60	0.08
37.70	0.00	3,763	202.60	0.08
37.80	0.00	3,733	202.59	0.08
37.90	0.00	3,704	202.59	0.08
38.00	0.00	3,675	202.58	0.08
38.10	0.00	3,646	202.58	0.08
38.20	0.00	3,618	202.57	0.08
38.30	0.00	3,590	202.57	0.08
38.40	0.00	3,562	202.57	0.08
38.50	0.00	3,534	202.56	0.08
38.60	0.00	3,507	202.56	0.08
38.70	0.00	3,480	202.55	0.07
38.80	0.00	3,453	202.55	0.07
38.90	0.00	3,426	202.54	0.07
39.00	0.00	3,400	202.54	0.07
39.10	0.00	3,374	202.54	0.07
39.20	0.00	3,348	202.53	0.07
39.30	0.00	3,323	202.53	0.07
39.40	0.00	3,298	202.52	0.07
39.50	0.00	3,273	202.52	0.07
39.60	0.00	3,248	202.52	0.07
39.70	0.00	3,224	202.51	0.07
39.80	0.00	3,200	202.51	0.07
39.90	0.00	3,176	202.50	0.07
40.00	0.00	3,152	202.50	0.06

Stage-Discharge for Pond B-40: Basin #40

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
202.00	0.00	202.52	0.07	203.04	0.14	203.56	0.24
202.01	0.00	202.53	0.07	203.05	0.14	203.57	0.26
202.02	0.00	202.54	0.07	203.06	0.14	203.58	0.27
202.03	0.00	202.55	0.07	203.07	0.14	203.59	0.29
202.04	0.00	202.56	0.08	203.08	0.14	203.60	0.31
202.05	0.00	202.57	0.08	203.09	0.14	203.61	0.33
202.06	0.00	202.58	0.08	203.10	0.14	203.62	0.35
202.07	0.00	202.59	0.08	203.11	0.14	203.63	0.37
202.08	0.00	202.60	0.08	203.12	0.14	203.64	0.40
202.09	0.00	202.61	0.08	203.13	0.15	203.65	0.42
202.10	0.00	202.62	0.09	203.14	0.15	203.66	0.45
202.11	0.00	202.63	0.09	203.15	0.15	203.67	0.47
202.12	0.00	202.64	0.09	203.16	0.15	203.68	0.50
202.13	0.00	202.65	0.09	203.17	0.15	203.69	0.52
202.14	0.00	202.66	0.09	203.18	0.15	203.70	0.55
202.15	0.00	202.67	0.09	203.19	0.15	203.71	0.58
202.16	0.00	202.68	0.10	203.20	0.15	203.72	0.61
202.17	0.00	202.69	0.10	203.21	0.15	203.73	0.64
202.18	0.00	202.70	0.10	203.22	0.15	203.74	0.67
202.19	0.00	202.71	0.10	203.23	0.15	203.75	0.70
202.20	0.00	202.72	0.10	203.24	0.16	203.76	0.73
202.21	0.00	202.73	0.10	203.25	0.16	203.77	0.76
202.22	0.00	202.74	0.10	203.26	0.16	203.78	0.79
202.23	0.00	202.75	0.10	203.27	0.16	203.79	0.82
202.24	0.00	202.76	0.11	203.28	0.16	203.80	0.86
202.25	0.00	202.77	0.11	203.29	0.16	203.81	0.89
202.26	0.00	202.78	0.11	203.30	0.16	203.82	0.93
202.27	0.00	202.79	0.11	203.31	0.16	203.83	0.96
202.28	0.00	202.80	0.11	203.32	0.16	203.84	1.00
202.29	0.00	202.81	0.11	203.33	0.16	203.85	1.03
202.30	0.01	202.82	0.11	203.34	0.16	203.86	1.07
202.31	0.01	202.83	0.11	203.35	0.16	203.87	1.11
202.32	0.01	202.84	0.12	203.36	0.17	203.88	1.14
202.33	0.01	202.85	0.12	203.37	0.17	203.89	1.18
202.34	0.02	202.86	0.12	203.38	0.17	203.90	1.22
202.35	0.02	202.87	0.12	203.39	0.17	203.91	1.26
202.36	0.02	202.88	0.12	203.40	0.17	203.92	1.30
202.37	0.03	202.89	0.12	203.41	0.17	203.93	1.34
202.38	0.03	202.90	0.12	203.42	0.17	203.94	1.38
202.39	0.03	202.91	0.12	203.43	0.17	203.95	1.42
202.40	0.04	202.92	0.12	203.44	0.17	203.96	1.46
202.41	0.04	202.93	0.13	203.45	0.17	203.97	1.50
202.42	0.05	202.94	0.13	203.46	0.17	203.98	1.54
202.43	0.05	202.95	0.13	203.47	0.17	203.99	1.59
202.44	0.05	202.96	0.13	203.48	0.17	204.00	1.63
202.45	0.05	202.97	0.13	203.49	0.18	204.01	1.67
202.46	0.06	202.98	0.13	203.50	0.18	204.02	1.71
202.47	0.06	202.99	0.13	203.51	0.18	204.03	1.74
202.48	0.06	203.00	0.13	203.52	0.19	204.04	1.77
202.49	0.06	203.01	0.13	203.53	0.20	204.05	1.81
202.50	0.06	203.02	0.13	203.54	0.21	204.06	1.84
202.51	0.07	203.03	0.14	203.55	0.23	204.07	1.87

Stage-Discharge for Pond B-40: Basin #40 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
204.08	1.90	204.60	3.01	205.12	3.79	205.64	14.59
204.09	1.93	204.61	3.03	205.13	3.80	205.65	15.41
204.10	1.96	204.62	3.04	205.14	3.82	205.66	16.25
204.11	1.98	204.63	3.06	205.15	3.83	205.67	17.11
204.12	2.01	204.64	3.08	205.16	3.84	205.68	18.00
204.13	2.04	204.65	3.09	205.17	3.86	205.69	18.91
204.14	2.06	204.66	3.11	205.18	3.87	205.70	19.84
204.15	2.09	204.67	3.13	205.19	3.90	205.71	20.84
204.16	2.12	204.68	3.14	205.20	3.93	205.72	21.86
204.17	2.14	204.69	3.16	205.21	3.98	205.73	22.90
204.18	2.17	204.70	3.18	205.22	4.03	205.74	23.98
204.19	2.19	204.71	3.19	205.23	4.08	205.75	25.08
204.20	2.21	204.72	3.21	205.24	4.14	205.76	26.20
204.21	2.24	204.73	3.22	205.25	4.20	205.77	27.36
204.22	2.26	204.74	3.24	205.26	4.27	205.78	28.53
204.23	2.29	204.75	3.26	205.27	4.34	205.79	29.74
204.24	2.31	204.76	3.27	205.28	4.41	205.80	30.97
204.25	2.33	204.77	3.29	205.29	4.49	205.81	32.22
204.26	2.35	204.78	3.30	205.30	4.57	205.82	33.50
204.27	2.38	204.79	3.32	205.31	4.65	205.83	34.81
204.28	2.40	204.80	3.33	205.32	4.73	205.84	36.14
204.29	2.42	204.81	3.35	205.33	4.82	205.85	37.50
204.30	2.44	204.82	3.36	205.34	4.91	205.86	38.88
204.31	2.46	204.83	3.38	205.35	5.00	205.87	40.28
204.32	2.48	204.84	3.39	205.36	5.09	205.88	41.71
204.33	2.50	204.85	3.41	205.37	5.18	205.89	43.17
204.34	2.53	204.86	3.42	205.38	5.28	205.90	44.65
204.35	2.55	204.87	3.44	205.39	5.38	205.91	46.19
204.36	2.57	204.88	3.45	205.40	5.48	205.92	47.75
204.37	2.59	204.89	3.47	205.41	5.59	205.93	49.33
204.38	2.61	204.90	3.48	205.42	5.69	205.94	50.95
204.39	2.63	204.91	3.50	205.43	5.80	205.95	52.59
204.40	2.65	204.92	3.51	205.44	5.91	205.96	54.26
204.41	2.67	204.93	3.53	205.45	6.02	205.97	55.95
204.42	2.69	204.94	3.54	205.46	6.13	205.98	57.68
204.43	2.70	204.95	3.56	205.47	6.25	205.99	59.43
204.44	2.72	204.96	3.57	205.48	6.36	206.00	61.20
204.45	2.74	204.97	3.58	205.49	6.48		
204.46	2.76	204.98	3.60	205.50	6.60		
204.47	2.78	204.99	3.61	205.51	6.84		
204.48	2.80	205.00	3.63	205.52	7.17		
204.49	2.82	205.01	3.64	205.53	7.57		
204.50	2.83	205.02	3.65	205.54	8.03		
204.51	2.85	205.03	3.67	205.55	8.53		
204.52	2.87	205.04	3.68	205.56	9.07		
204.53	2.89	205.05	3.70	205.57	9.65		
204.54	2.91	205.06	3.71	205.58	10.26		
204.55	2.92	205.07	3.72	205.59	10.91		
204.56	2.94	205.08	3.74	205.60	11.59		
204.57	2.96	205.09	3.75	205.61	12.30		
204.58	2.98	205.10	3.76	205.62	13.03		
204.59	2.99	205.11	3.78	205.63	13.80		

Stage-Area-Storage for Pond B-40: Basin #40

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
202.00	6,191	0	202.52	6,395	3,272
202.01	6,195	62	202.53	6,399	3,336
202.02	6,199	124	202.54	6,403	3,400
202.03	6,203	186	202.55	6,407	3,464
202.04	6,207	248	202.56	6,411	3,529
202.05	6,211	310	202.57	6,415	3,593
202.06	6,215	372	202.58	6,419	3,657
202.07	6,219	434	202.59	6,423	3,721
202.08	6,222	497	202.60	6,427	3,785
202.09	6,226	559	202.61	6,431	3,850
202.10	6,230	621	202.62	6,435	3,914
202.11	6,234	683	202.63	6,439	3,978
202.12	6,238	746	202.64	6,443	4,043
202.13	6,242	808	202.65	6,446	4,107
202.14	6,246	871	202.66	6,450	4,172
202.15	6,250	933	202.67	6,454	4,236
202.16	6,254	996	202.68	6,458	4,301
202.17	6,258	1,058	202.69	6,462	4,365
202.18	6,262	1,121	202.70	6,466	4,430
202.19	6,266	1,183	202.71	6,470	4,495
202.20	6,270	1,246	202.72	6,474	4,559
202.21	6,274	1,309	202.73	6,478	4,624
202.22	6,277	1,372	202.74	6,482	4,689
202.23	6,281	1,434	202.75	6,486	4,754
202.24	6,285	1,497	202.76	6,490	4,819
202.25	6,289	1,560	202.77	6,494	4,884
202.26	6,293	1,623	202.78	6,498	4,949
202.27	6,297	1,686	202.79	6,501	5,014
202.28	6,301	1,749	202.80	6,505	5,079
202.29	6,305	1,812	202.81	6,509	5,144
202.30	6,309	1,875	202.82	6,513	5,209
202.31	6,313	1,938	202.83	6,517	5,274
202.32	6,317	2,001	202.84	6,521	5,339
202.33	6,321	2,064	202.85	6,525	5,404
202.34	6,325	2,128	202.86	6,529	5,470
202.35	6,329	2,191	202.87	6,533	5,535
202.36	6,332	2,254	202.88	6,537	5,600
202.37	6,336	2,318	202.89	6,541	5,666
202.38	6,340	2,381	202.90	6,545	5,731
202.39	6,344	2,444	202.91	6,549	5,797
202.40	6,348	2,508	202.92	6,553	5,862
202.41	6,352	2,571	202.93	6,556	5,928
202.42	6,356	2,635	202.94	6,560	5,993
202.43	6,360	2,698	202.95	6,564	6,059
202.44	6,364	2,762	202.96	6,568	6,124
202.45	6,368	2,826	202.97	6,572	6,190
202.46	6,372	2,889	202.98	6,576	6,256
202.47	6,376	2,953	202.99	6,580	6,322
202.48	6,380	3,017	203.00	6,584	6,388
202.49	6,384	3,081	203.01	6,588	6,453
202.50	6,388	3,145	203.02	6,592	6,519
202.51	6,391	3,209	203.03	6,596	6,585

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
203.04	6,600	6,651	203.56	6,810	10,138
203.05	6,604	6,717	203.57	6,814	10,206
203.06	6,608	6,783	203.58	6,818	10,274
203.07	6,612	6,849	203.59	6,822	10,342
203.08	6,616	6,916	203.60	6,826	10,410
203.09	6,620	6,982	203.61	6,830	10,479
203.10	6,624	7,048	203.62	6,834	10,547
203.11	6,628	7,114	203.63	6,838	10,615
203.12	6,632	7,180	203.64	6,842	10,684
203.13	6,636	7,247	203.65	6,846	10,752
203.14	6,640	7,313	203.66	6,850	10,821
203.15	6,644	7,380	203.67	6,854	10,889
203.16	6,648	7,446	203.68	6,858	10,958
203.17	6,653	7,513	203.69	6,862	11,026
203.18	6,657	7,579	203.70	6,866	11,095
203.19	6,661	7,646	203.71	6,870	11,164
203.20	6,665	7,712	203.72	6,874	11,232
203.21	6,669	7,779	203.73	6,878	11,301
203.22	6,673	7,846	203.74	6,882	11,370
203.23	6,677	7,912	203.75	6,886	11,439
203.24	6,681	7,979	203.76	6,890	11,508
203.25	6,685	8,046	203.77	6,894	11,577
203.26	6,689	8,113	203.78	6,898	11,646
203.27	6,693	8,180	203.79	6,902	11,715
203.28	6,697	8,247	203.80	6,906	11,784
203.29	6,701	8,314	203.81	6,910	11,853
203.30	6,705	8,381	203.82	6,914	11,922
203.31	6,709	8,448	203.83	6,918	11,991
203.32	6,713	8,515	203.84	6,923	12,060
203.33	6,717	8,582	203.85	6,927	12,129
203.34	6,721	8,649	203.86	6,931	12,199
203.35	6,725	8,717	203.87	6,935	12,268
203.36	6,729	8,784	203.88	6,939	12,337
203.37	6,733	8,851	203.89	6,943	12,407
203.38	6,737	8,919	203.90	6,947	12,476
203.39	6,741	8,986	203.91	6,951	12,546
203.40	6,745	9,053	203.92	6,955	12,615
203.41	6,749	9,121	203.93	6,959	12,685
203.42	6,753	9,188	203.94	6,963	12,755
203.43	6,757	9,256	203.95	6,967	12,824
203.44	6,761	9,323	203.96	6,971	12,894
203.45	6,765	9,391	203.97	6,975	12,964
203.46	6,769	9,459	203.98	6,979	13,033
203.47	6,773	9,526	203.99	6,983	13,103
203.48	6,777	9,594	204.00	6,987	13,173
203.49	6,781	9,662	204.01	6,991	13,243
203.50	6,786	9,730	204.02	6,995	13,313
203.51	6,790	9,798	204.03	7,000	13,383
203.52	6,794	9,866	204.04	7,004	13,453
203.53	6,798	9,934	204.05	7,008	13,523
203.54	6,802	10,002	204.06	7,012	13,593
203.55	6,806	10,070	204.07	7,016	13,663

Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
204.08	7,021	13,733	204.60	7,238	17,441
204.09	7,025	13,804	204.61	7,243	17,513
204.10	7,029	13,874	204.62	7,247	17,585
204.11	7,033	13,944	204.63	7,251	17,658
204.12	7,037	14,014	204.64	7,255	17,730
204.13	7,041	14,085	204.65	7,259	17,803
204.14	7,046	14,155	204.66	7,264	17,876
204.15	7,050	14,226	204.67	7,268	17,948
204.16	7,054	14,296	204.68	7,272	18,021
204.17	7,058	14,367	204.69	7,276	18,094
204.18	7,062	14,437	204.70	7,280	18,167
204.19	7,067	14,508	204.71	7,284	18,239
204.20	7,071	14,579	204.72	7,289	18,312
204.21	7,075	14,650	204.73	7,293	18,385
204.22	7,079	14,720	204.74	7,297	18,458
204.23	7,083	14,791	204.75	7,301	18,531
204.24	7,088	14,862	204.76	7,305	18,604
204.25	7,092	14,933	204.77	7,310	18,677
204.26	7,096	15,004	204.78	7,314	18,750
204.27	7,100	15,075	204.79	7,318	18,823
204.28	7,104	15,146	204.80	7,322	18,897
204.29	7,109	15,217	204.81	7,326	18,970
204.30	7,113	15,288	204.82	7,331	19,043
204.31	7,117	15,359	204.83	7,335	19,117
204.32	7,121	15,430	204.84	7,339	19,190
204.33	7,125	15,502	204.85	7,343	19,263
204.34	7,129	15,573	204.86	7,347	19,337
204.35	7,134	15,644	204.87	7,352	19,410
204.36	7,138	15,715	204.88	7,356	19,484
204.37	7,142	15,787	204.89	7,360	19,557
204.38	7,146	15,858	204.90	7,364	19,631
204.39	7,150	15,930	204.91	7,368	19,705
204.40	7,155	16,001	204.92	7,372	19,778
204.41	7,159	16,073	204.93	7,377	19,852
204.42	7,163	16,144	204.94	7,381	19,926
204.43	7,167	16,216	204.95	7,385	20,000
204.44	7,171	16,288	204.96	7,389	20,074
204.45	7,176	16,360	204.97	7,393	20,148
204.46	7,180	16,431	204.98	7,398	20,221
204.47	7,184	16,503	204.99	7,402	20,295
204.48	7,188	16,575	205.00	7,406	20,370
204.49	7,192	16,647	205.01	7,410	20,444
204.50	7,197	16,719	205.02	7,414	20,518
204.51	7,201	16,791	205.03	7,418	20,592
204.52	7,205	16,863	205.04	7,422	20,666
204.53	7,209	16,935	205.05	7,426	20,740
204.54	7,213	17,007	205.06	7,430	20,815
204.55	7,217	17,079	205.07	7,434	20,889
204.56	7,222	17,151	205.08	7,438	20,963
204.57	7,226	17,224	205.09	7,442	21,038
204.58	7,230	17,296	205.10	7,446	21,112
204.59	7,234	17,368	205.11	7,450	21,187

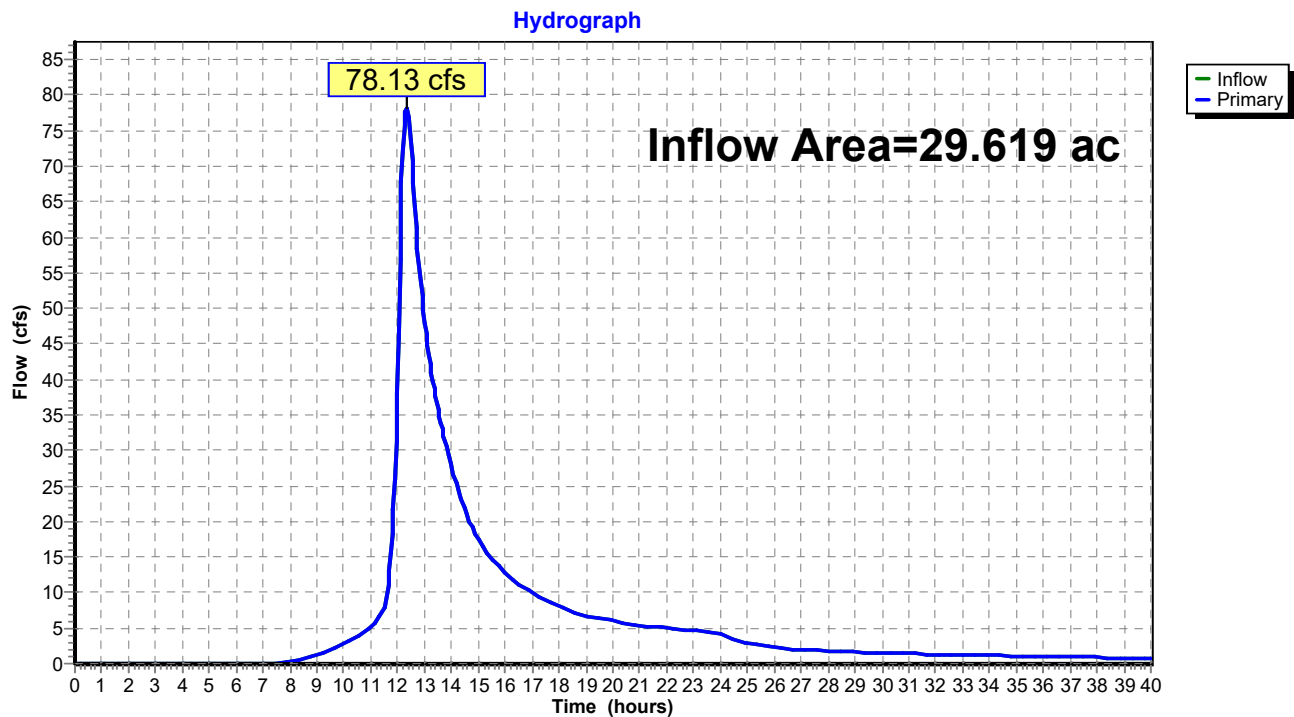
Stage-Area-Storage for Pond B-40: Basin #40 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
205.12	7,454	21,261	205.64	7,665	25,192
205.13	7,459	21,336	205.65	7,669	25,269
205.14	7,463	21,410	205.66	7,673	25,345
205.15	7,467	21,485	205.67	7,677	25,422
205.16	7,471	21,560	205.68	7,681	25,499
205.17	7,475	21,634	205.69	7,685	25,576
205.18	7,479	21,709	205.70	7,689	25,653
205.19	7,483	21,784	205.71	7,693	25,730
205.20	7,487	21,859	205.72	7,697	25,807
205.21	7,491	21,934	205.73	7,701	25,884
205.22	7,495	22,009	205.74	7,705	25,961
205.23	7,499	22,084	205.75	7,709	26,038
205.24	7,503	22,159	205.76	7,713	26,115
205.25	7,507	22,234	205.77	7,717	26,192
205.26	7,511	22,309	205.78	7,721	26,269
205.27	7,515	22,384	205.79	7,725	26,346
205.28	7,519	22,459	205.80	7,729	26,424
205.29	7,523	22,534	205.81	7,733	26,501
205.30	7,527	22,609	205.82	7,737	26,578
205.31	7,531	22,685	205.83	7,741	26,656
205.32	7,535	22,760	205.84	7,745	26,733
205.33	7,539	22,835	205.85	7,749	26,811
205.34	7,543	22,911	205.86	7,753	26,888
205.35	7,547	22,986	205.87	7,757	26,966
205.36	7,551	23,062	205.88	7,762	27,043
205.37	7,555	23,137	205.89	7,766	27,121
205.38	7,560	23,213	205.90	7,770	27,199
205.39	7,564	23,289	205.91	7,774	27,276
205.40	7,568	23,364	205.92	7,778	27,354
205.41	7,572	23,440	205.93	7,782	27,432
205.42	7,576	23,516	205.94	7,786	27,510
205.43	7,580	23,591	205.95	7,790	27,588
205.44	7,584	23,667	205.96	7,794	27,665
205.45	7,588	23,743	205.97	7,798	27,743
205.46	7,592	23,819	205.98	7,802	27,821
205.47	7,596	23,895	205.99	7,806	27,899
205.48	7,600	23,971	206.00	7,810	27,978
205.49	7,604	24,047			
205.50	7,608	24,123			
205.51	7,612	24,199			
205.52	7,616	24,275			
205.53	7,620	24,351			
205.54	7,624	24,428			
205.55	7,628	24,504			
205.56	7,632	24,580			
205.57	7,636	24,657			
205.58	7,640	24,733			
205.59	7,644	24,809			
205.60	7,648	24,886			
205.61	7,652	24,962			
205.62	7,656	25,039			
205.63	7,661	25,115			

Summary for Link PDA-3: Proposed Drainage Area #3

Inflow Area = 29.619 ac, 38.13% Impervious, Inflow Depth > 7.84" for Future 100 yr event
Inflow = 78.13 cfs @ 12.34 hrs, Volume= 19.359 af
Primary = 78.13 cfs @ 12.34 hrs, Volume= 19.359 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-3: Proposed Drainage Area #3

Hydrograph for Link PDA-3: Proposed Drainage Area #3

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.16	0.00	0.16
5.25	0.00	0.00	0.00	7.85	0.17	0.00	0.17
5.30	0.00	0.00	0.00	7.90	0.18	0.00	0.18
5.35	0.00	0.00	0.00	7.95	0.19	0.00	0.19
5.40	0.00	0.00	0.00	8.00	0.21	0.00	0.21
5.45	0.00	0.00	0.00	8.05	0.23	0.00	0.23
5.50	0.00	0.00	0.00	8.10	0.26	0.00	0.26
5.55	0.00	0.00	0.00	8.15	0.28	0.00	0.28
5.60	0.00	0.00	0.00	8.20	0.31	0.00	0.31
5.65	0.00	0.00	0.00	8.25	0.34	0.00	0.34
5.70	0.00	0.00	0.00	8.30	0.38	0.00	0.38
5.75	0.00	0.00	0.00	8.35	0.42	0.00	0.42
5.80	0.01	0.00	0.01	8.40	0.46	0.00	0.46
5.85	0.01	0.00	0.01	8.45	0.51	0.00	0.51
5.90	0.01	0.00	0.01	8.50	0.56	0.00	0.56
5.95	0.01	0.00	0.01	8.55	0.61	0.00	0.61
6.00	0.02	0.00	0.02	8.60	0.66	0.00	0.66
6.05	0.02	0.00	0.02	8.65	0.72	0.00	0.72
6.10	0.02	0.00	0.02	8.70	0.78	0.00	0.78
6.15	0.02	0.00	0.02	8.75	0.84	0.00	0.84
6.20	0.03	0.00	0.03	8.80	0.90	0.00	0.90
6.25	0.03	0.00	0.03	8.85	0.96	0.00	0.96
6.30	0.03	0.00	0.03	8.90	1.03	0.00	1.03
6.35	0.03	0.00	0.03	8.95	1.09	0.00	1.09
6.40	0.04	0.00	0.04	9.00	1.16	0.00	1.16
6.45	0.04	0.00	0.04	9.05	1.23	0.00	1.23
6.50	0.04	0.00	0.04	9.10	1.30	0.00	1.30
6.55	0.05	0.00	0.05	9.15	1.37	0.00	1.37
6.60	0.05	0.00	0.05	9.20	1.45	0.00	1.45
6.65	0.05	0.00	0.05	9.25	1.53	0.00	1.53
6.70	0.06	0.00	0.06	9.30	1.61	0.00	1.61
6.75	0.06	0.00	0.06	9.35	1.70	0.00	1.70
6.80	0.07	0.00	0.07	9.40	1.78	0.00	1.78
6.85	0.07	0.00	0.07	9.45	1.87	0.00	1.87
6.90	0.07	0.00	0.07	9.50	1.96	0.00	1.96
6.95	0.08	0.00	0.08	9.55	2.05	0.00	2.05
7.00	0.08	0.00	0.08	9.60	2.14	0.00	2.14
7.05	0.09	0.00	0.09	9.65	2.23	0.00	2.23
7.10	0.09	0.00	0.09	9.70	2.32	0.00	2.32
7.15	0.09	0.00	0.09	9.75	2.41	0.00	2.41
7.20	0.10	0.00	0.10	9.80	2.50	0.00	2.50
7.25	0.10	0.00	0.10	9.85	2.60	0.00	2.60
7.30	0.11	0.00	0.11	9.90	2.69	0.00	2.69
7.35	0.11	0.00	0.11	9.95	2.78	0.00	2.78
7.40	0.12	0.00	0.12	10.00	2.87	0.00	2.87
7.45	0.12	0.00	0.12	10.05	2.97	0.00	2.97
7.50	0.13	0.00	0.13	10.10	3.06	0.00	3.06
7.55	0.13	0.00	0.13	10.15	3.16	0.00	3.16
7.60	0.14	0.00	0.14	10.20	3.25	0.00	3.25
7.65	0.14	0.00	0.14	10.25	3.35	0.00	3.35
7.70	0.15	0.00	0.15	10.30	3.44	0.00	3.44
7.75	0.15	0.00	0.15	10.35	3.53	0.00	3.53

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	3.62	0.00	3.62	13.00	47.92	0.00	47.92
10.45	3.72	0.00	3.72	13.05	46.26	0.00	46.26
10.50	3.81	0.00	3.81	13.10	44.78	0.00	44.78
10.55	3.91	0.00	3.91	13.15	43.41	0.00	43.41
10.60	4.01	0.00	4.01	13.20	42.11	0.00	42.11
10.65	4.12	0.00	4.12	13.25	40.91	0.00	40.91
10.70	4.25	0.00	4.25	13.30	39.78	0.00	39.78
10.75	4.38	0.00	4.38	13.35	38.72	0.00	38.72
10.80	4.52	0.00	4.52	13.40	37.71	0.00	37.71
10.85	4.68	0.00	4.68	13.45	36.74	0.00	36.74
10.90	4.83	0.00	4.83	13.50	35.77	0.00	35.77
10.95	5.00	0.00	5.00	13.55	34.83	0.00	34.83
11.00	5.17	0.00	5.17	13.60	33.89	0.00	33.89
11.05	5.34	0.00	5.34	13.65	32.99	0.00	32.99
11.10	5.53	0.00	5.53	13.70	32.12	0.00	32.12
11.15	5.74	0.00	5.74	13.75	31.29	0.00	31.29
11.20	5.96	0.00	5.96	13.80	30.50	0.00	30.50
11.25	6.20	0.00	6.20	13.85	29.75	0.00	29.75
11.30	6.46	0.00	6.46	13.90	29.03	0.00	29.03
11.35	6.73	0.00	6.73	13.95	28.33	0.00	28.33
11.40	7.01	0.00	7.01	14.00	27.65	0.00	27.65
11.45	7.32	0.00	7.32	14.05	26.98	0.00	26.98
11.50	7.69	0.00	7.69	14.10	26.32	0.00	26.32
11.55	8.37	0.00	8.37	14.15	25.68	0.00	25.68
11.60	9.55	0.00	9.55	14.20	25.07	0.00	25.07
11.65	11.17	0.00	11.17	14.25	24.48	0.00	24.48
11.70	13.15	0.00	13.15	14.30	23.91	0.00	23.91
11.75	15.51	0.00	15.51	14.35	23.36	0.00	23.36
11.80	18.30	0.00	18.30	14.40	22.82	0.00	22.82
11.85	21.68	0.00	21.68	14.45	22.29	0.00	22.29
11.90	25.86	0.00	25.86	14.50	21.77	0.00	21.77
11.95	31.36	0.00	31.36	14.55	21.27	0.00	21.27
12.00	37.98	0.00	37.98	14.60	20.78	0.00	20.78
12.05	45.82	0.00	45.82	14.65	20.30	0.00	20.30
12.10	56.90	0.00	56.90	14.70	19.85	0.00	19.85
12.15	67.81	0.00	67.81	14.75	19.40	0.00	19.40
12.20	72.52	0.00	72.52	14.80	18.96	0.00	18.96
12.25	75.57	0.00	75.57	14.85	18.55	0.00	18.55
12.30	77.72	0.00	77.72	14.90	18.15	0.00	18.15
12.35	78.08	0.00	78.08	14.95	17.77	0.00	17.77
12.40	76.94	0.00	76.94	15.00	17.43	0.00	17.43
12.45	75.54	0.00	75.54	15.05	17.10	0.00	17.10
12.50	73.57	0.00	73.57	15.10	16.79	0.00	16.79
12.55	70.79	0.00	70.79	15.15	16.49	0.00	16.49
12.60	67.51	0.00	67.51	15.20	16.20	0.00	16.20
12.65	64.28	0.00	64.28	15.25	15.93	0.00	15.93
12.70	61.28	0.00	61.28	15.30	15.67	0.00	15.67
12.75	58.52	0.00	58.52	15.35	15.43	0.00	15.43
12.80	56.00	0.00	56.00	15.40	15.20	0.00	15.20
12.85	53.74	0.00	53.74	15.45	14.98	0.00	14.98
12.90	51.68	0.00	51.68	15.50	14.76	0.00	14.76
12.95	49.73	0.00	49.73	15.55	14.55	0.00	14.55

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	14.34	0.00	14.34	18.20	7.78	0.00	7.78
15.65	14.14	0.00	14.14	18.25	7.70	0.00	7.70
15.70	13.94	0.00	13.94	18.30	7.63	0.00	7.63
15.75	13.75	0.00	13.75	18.35	7.56	0.00	7.56
15.80	13.56	0.00	13.56	18.40	7.49	0.00	7.49
15.85	13.38	0.00	13.38	18.45	7.42	0.00	7.42
15.90	13.19	0.00	13.19	18.50	7.36	0.00	7.36
15.95	13.01	0.00	13.01	18.55	7.30	0.00	7.30
16.00	12.83	0.00	12.83	18.60	7.24	0.00	7.24
16.05	12.65	0.00	12.65	18.65	7.18	0.00	7.18
16.10	12.47	0.00	12.47	18.70	7.12	0.00	7.12
16.15	12.29	0.00	12.29	18.75	7.06	0.00	7.06
16.20	12.11	0.00	12.11	18.80	7.01	0.00	7.01
16.25	11.94	0.00	11.94	18.85	6.96	0.00	6.96
16.30	11.77	0.00	11.77	18.90	6.90	0.00	6.90
16.35	11.61	0.00	11.61	18.95	6.85	0.00	6.85
16.40	11.45	0.00	11.45	19.00	6.80	0.00	6.80
16.45	11.29	0.00	11.29	19.05	6.76	0.00	6.76
16.50	11.14	0.00	11.14	19.10	6.71	0.00	6.71
16.55	11.00	0.00	11.00	19.15	6.66	0.00	6.66
16.60	10.87	0.00	10.87	19.20	6.62	0.00	6.62
16.65	10.73	0.00	10.73	19.25	6.57	0.00	6.57
16.70	10.61	0.00	10.61	19.30	6.53	0.00	6.53
16.75	10.49	0.00	10.49	19.35	6.48	0.00	6.48
16.80	10.37	0.00	10.37	19.40	6.44	0.00	6.44
16.85	10.25	0.00	10.25	19.45	6.40	0.00	6.40
16.90	10.14	0.00	10.14	19.50	6.36	0.00	6.36
16.95	10.02	0.00	10.02	19.55	6.32	0.00	6.32
17.00	9.92	0.00	9.92	19.60	6.28	0.00	6.28
17.05	9.82	0.00	9.82	19.65	6.25	0.00	6.25
17.10	9.72	0.00	9.72	19.70	6.21	0.00	6.21
17.15	9.62	0.00	9.62	19.75	6.17	0.00	6.17
17.20	9.53	0.00	9.53	19.80	6.14	0.00	6.14
17.25	9.43	0.00	9.43	19.85	6.11	0.00	6.11
17.30	9.34	0.00	9.34	19.90	6.07	0.00	6.07
17.35	9.25	0.00	9.25	19.95	6.04	0.00	6.04
17.40	9.16	0.00	9.16	20.00	6.01	0.00	6.01
17.45	9.07	0.00	9.07	20.05	5.98	0.00	5.98
17.50	8.99	0.00	8.99	20.10	5.94	0.00	5.94
17.55	8.90	0.00	8.90	20.15	5.91	0.00	5.91
17.60	8.81	0.00	8.81	20.20	5.88	0.00	5.88
17.65	8.72	0.00	8.72	20.25	5.85	0.00	5.85
17.70	8.63	0.00	8.63	20.30	5.82	0.00	5.82
17.75	8.55	0.00	8.55	20.35	5.79	0.00	5.79
17.80	8.46	0.00	8.46	20.40	5.76	0.00	5.76
17.85	8.37	0.00	8.37	20.45	5.73	0.00	5.73
17.90	8.28	0.00	8.28	20.50	5.70	0.00	5.70
17.95	8.19	0.00	8.19	20.55	5.68	0.00	5.68
18.00	8.10	0.00	8.10	20.60	5.65	0.00	5.65
18.05	8.02	0.00	8.02	20.65	5.62	0.00	5.62
18.10	7.94	0.00	7.94	20.70	5.59	0.00	5.59
18.15	7.86	0.00	7.86	20.75	5.57	0.00	5.57

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	5.54	0.00	5.54	23.40	4.46	0.00	4.46
20.85	5.51	0.00	5.51	23.45	4.45	0.00	4.45
20.90	5.49	0.00	5.49	23.50	4.43	0.00	4.43
20.95	5.46	0.00	5.46	23.55	4.42	0.00	4.42
21.00	5.44	0.00	5.44	23.60	4.40	0.00	4.40
21.05	5.41	0.00	5.41	23.65	4.39	0.00	4.39
21.10	5.39	0.00	5.39	23.70	4.37	0.00	4.37
21.15	5.36	0.00	5.36	23.75	4.36	0.00	4.36
21.20	5.34	0.00	5.34	23.80	4.34	0.00	4.34
21.25	5.32	0.00	5.32	23.85	4.33	0.00	4.33
21.30	5.29	0.00	5.29	23.90	4.31	0.00	4.31
21.35	5.27	0.00	5.27	23.95	4.30	0.00	4.30
21.40	5.24	0.00	5.24	24.00	4.30	0.00	4.30
21.45	5.22	0.00	5.22	24.05	4.28	0.00	4.28
21.50	5.20	0.00	5.20	24.10	4.23	0.00	4.23
21.55	5.18	0.00	5.18	24.15	4.13	0.00	4.13
21.60	5.15	0.00	5.15	24.20	4.00	0.00	4.00
21.65	5.13	0.00	5.13	24.25	3.86	0.00	3.86
21.70	5.11	0.00	5.11	24.30	3.73	0.00	3.73
21.75	5.09	0.00	5.09	24.35	3.63	0.00	3.63
21.80	5.06	0.00	5.06	24.40	3.53	0.00	3.53
21.85	5.04	0.00	5.04	24.45	3.45	0.00	3.45
21.90	5.02	0.00	5.02	24.50	3.38	0.00	3.38
21.95	5.00	0.00	5.00	24.55	3.32	0.00	3.32
22.00	4.98	0.00	4.98	24.60	3.26	0.00	3.26
22.05	4.96	0.00	4.96	24.65	3.20	0.00	3.20
22.10	4.93	0.00	4.93	24.70	3.15	0.00	3.15
22.15	4.91	0.00	4.91	24.75	3.10	0.00	3.10
22.20	4.89	0.00	4.89	24.80	3.05	0.00	3.05
22.25	4.87	0.00	4.87	24.85	3.00	0.00	3.00
22.30	4.85	0.00	4.85	24.90	2.96	0.00	2.96
22.35	4.83	0.00	4.83	24.95	2.92	0.00	2.92
22.40	4.81	0.00	4.81	25.00	2.88	0.00	2.88
22.45	4.79	0.00	4.79	25.05	2.84	0.00	2.84
22.50	4.78	0.00	4.78	25.10	2.80	0.00	2.80
22.55	4.76	0.00	4.76	25.15	2.76	0.00	2.76
22.60	4.74	0.00	4.74	25.20	2.73	0.00	2.73
22.65	4.72	0.00	4.72	25.25	2.70	0.00	2.70
22.70	4.70	0.00	4.70	25.30	2.66	0.00	2.66
22.75	4.69	0.00	4.69	25.35	2.63	0.00	2.63
22.80	4.67	0.00	4.67	25.40	2.60	0.00	2.60
22.85	4.65	0.00	4.65	25.45	2.57	0.00	2.57
22.90	4.63	0.00	4.63	25.50	2.55	0.00	2.55
22.95	4.61	0.00	4.61	25.55	2.52	0.00	2.52
23.00	4.60	0.00	4.60	25.60	2.49	0.00	2.49
23.05	4.58	0.00	4.58	25.65	2.46	0.00	2.46
23.10	4.56	0.00	4.56	25.70	2.44	0.00	2.44
23.15	4.55	0.00	4.55	25.75	2.41	0.00	2.41
23.20	4.53	0.00	4.53	25.80	2.39	0.00	2.39
23.25	4.51	0.00	4.51	25.85	2.36	0.00	2.36
23.30	4.50	0.00	4.50	25.90	2.34	0.00	2.34
23.35	4.48	0.00	4.48	25.95	2.32	0.00	2.32

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

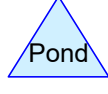
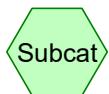
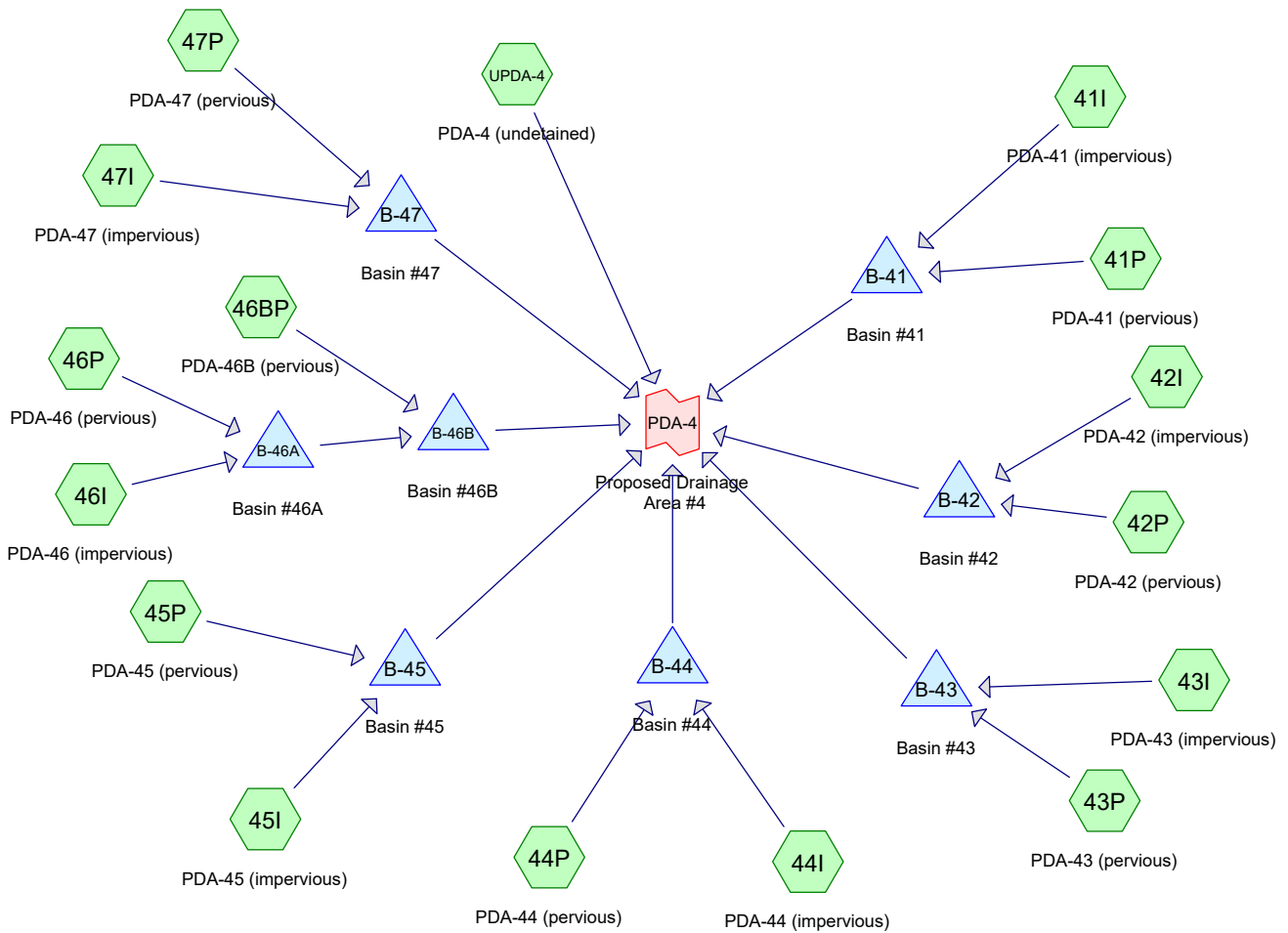
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	2.30	0.00	2.30	28.60	1.69	0.00	1.69
26.05	2.28	0.00	2.28	28.65	1.68	0.00	1.68
26.10	2.26	0.00	2.26	28.70	1.67	0.00	1.67
26.15	2.24	0.00	2.24	28.75	1.67	0.00	1.67
26.20	2.22	0.00	2.22	28.80	1.66	0.00	1.66
26.25	2.20	0.00	2.20	28.85	1.65	0.00	1.65
26.30	2.19	0.00	2.19	28.90	1.65	0.00	1.65
26.35	2.17	0.00	2.17	28.95	1.64	0.00	1.64
26.40	2.16	0.00	2.16	29.00	1.63	0.00	1.63
26.45	2.14	0.00	2.14	29.05	1.63	0.00	1.63
26.50	2.12	0.00	2.12	29.10	1.62	0.00	1.62
26.55	2.11	0.00	2.11	29.15	1.61	0.00	1.61
26.60	2.09	0.00	2.09	29.20	1.61	0.00	1.61
26.65	2.08	0.00	2.08	29.25	1.60	0.00	1.60
26.70	2.06	0.00	2.06	29.30	1.59	0.00	1.59
26.75	2.05	0.00	2.05	29.35	1.59	0.00	1.59
26.80	2.04	0.00	2.04	29.40	1.58	0.00	1.58
26.85	2.02	0.00	2.02	29.45	1.58	0.00	1.58
26.90	2.01	0.00	2.01	29.50	1.57	0.00	1.57
26.95	2.00	0.00	2.00	29.55	1.57	0.00	1.57
27.00	1.99	0.00	1.99	29.60	1.56	0.00	1.56
27.05	1.97	0.00	1.97	29.65	1.55	0.00	1.55
27.10	1.96	0.00	1.96	29.70	1.55	0.00	1.55
27.15	1.95	0.00	1.95	29.75	1.54	0.00	1.54
27.20	1.94	0.00	1.94	29.80	1.54	0.00	1.54
27.25	1.93	0.00	1.93	29.85	1.53	0.00	1.53
27.30	1.92	0.00	1.92	29.90	1.53	0.00	1.53
27.35	1.91	0.00	1.91	29.95	1.52	0.00	1.52
27.40	1.89	0.00	1.89	30.00	1.52	0.00	1.52
27.45	1.88	0.00	1.88	30.05	1.51	0.00	1.51
27.50	1.87	0.00	1.87	30.10	1.50	0.00	1.50
27.55	1.87	0.00	1.87	30.15	1.50	0.00	1.50
27.60	1.86	0.00	1.86	30.20	1.49	0.00	1.49
27.65	1.85	0.00	1.85	30.25	1.49	0.00	1.49
27.70	1.84	0.00	1.84	30.30	1.48	0.00	1.48
27.75	1.83	0.00	1.83	30.35	1.48	0.00	1.48
27.80	1.82	0.00	1.82	30.40	1.47	0.00	1.47
27.85	1.81	0.00	1.81	30.45	1.47	0.00	1.47
27.90	1.80	0.00	1.80	30.50	1.46	0.00	1.46
27.95	1.79	0.00	1.79	30.55	1.46	0.00	1.46
28.00	1.78	0.00	1.78	30.60	1.45	0.00	1.45
28.05	1.78	0.00	1.78	30.65	1.45	0.00	1.45
28.10	1.77	0.00	1.77	30.70	1.44	0.00	1.44
28.15	1.76	0.00	1.76	30.75	1.44	0.00	1.44
28.20	1.75	0.00	1.75	30.80	1.43	0.00	1.43
28.25	1.74	0.00	1.74	30.85	1.43	0.00	1.43
28.30	1.73	0.00	1.73	30.90	1.42	0.00	1.42
28.35	1.73	0.00	1.73	30.95	1.42	0.00	1.42
28.40	1.72	0.00	1.72	31.00	1.41	0.00	1.41
28.45	1.71	0.00	1.71	31.05	1.41	0.00	1.41
28.50	1.70	0.00	1.70	31.10	1.40	0.00	1.40
28.55	1.70	0.00	1.70	31.15	1.40	0.00	1.40

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	1.39	0.00	1.39	33.80	1.18	0.00	1.18
31.25	1.39	0.00	1.39	33.85	1.17	0.00	1.17
31.30	1.38	0.00	1.38	33.90	1.17	0.00	1.17
31.35	1.38	0.00	1.38	33.95	1.17	0.00	1.17
31.40	1.38	0.00	1.38	34.00	1.16	0.00	1.16
31.45	1.37	0.00	1.37	34.05	1.16	0.00	1.16
31.50	1.37	0.00	1.37	34.10	1.15	0.00	1.15
31.55	1.36	0.00	1.36	34.15	1.15	0.00	1.15
31.60	1.36	0.00	1.36	34.20	1.15	0.00	1.15
31.65	1.35	0.00	1.35	34.25	1.14	0.00	1.14
31.70	1.35	0.00	1.35	34.30	1.14	0.00	1.14
31.75	1.34	0.00	1.34	34.35	1.14	0.00	1.14
31.80	1.34	0.00	1.34	34.40	1.13	0.00	1.13
31.85	1.34	0.00	1.34	34.45	1.13	0.00	1.13
31.90	1.33	0.00	1.33	34.50	1.13	0.00	1.13
31.95	1.33	0.00	1.33	34.55	1.12	0.00	1.12
32.00	1.32	0.00	1.32	34.60	1.12	0.00	1.12
32.05	1.32	0.00	1.32	34.65	1.11	0.00	1.11
32.10	1.31	0.00	1.31	34.70	1.11	0.00	1.11
32.15	1.31	0.00	1.31	34.75	1.11	0.00	1.11
32.20	1.31	0.00	1.31	34.80	1.10	0.00	1.10
32.25	1.30	0.00	1.30	34.85	1.10	0.00	1.10
32.30	1.30	0.00	1.30	34.90	1.10	0.00	1.10
32.35	1.29	0.00	1.29	34.95	1.09	0.00	1.09
32.40	1.29	0.00	1.29	35.00	1.09	0.00	1.09
32.45	1.28	0.00	1.28	35.05	1.09	0.00	1.09
32.50	1.28	0.00	1.28	35.10	1.08	0.00	1.08
32.55	1.28	0.00	1.28	35.15	1.08	0.00	1.08
32.60	1.27	0.00	1.27	35.20	1.08	0.00	1.08
32.65	1.27	0.00	1.27	35.25	1.07	0.00	1.07
32.70	1.26	0.00	1.26	35.30	1.07	0.00	1.07
32.75	1.26	0.00	1.26	35.35	1.06	0.00	1.06
32.80	1.25	0.00	1.25	35.40	1.06	0.00	1.06
32.85	1.25	0.00	1.25	35.45	1.06	0.00	1.06
32.90	1.25	0.00	1.25	35.50	1.05	0.00	1.05
32.95	1.24	0.00	1.24	35.55	1.05	0.00	1.05
33.00	1.24	0.00	1.24	35.60	1.05	0.00	1.05
33.05	1.23	0.00	1.23	35.65	1.04	0.00	1.04
33.10	1.23	0.00	1.23	35.70	1.04	0.00	1.04
33.15	1.23	0.00	1.23	35.75	1.04	0.00	1.04
33.20	1.22	0.00	1.22	35.80	1.03	0.00	1.03
33.25	1.22	0.00	1.22	35.85	1.03	0.00	1.03
33.30	1.21	0.00	1.21	35.90	1.03	0.00	1.03
33.35	1.21	0.00	1.21	35.95	1.02	0.00	1.02
33.40	1.21	0.00	1.21	36.00	1.02	0.00	1.02
33.45	1.20	0.00	1.20	36.05	1.02	0.00	1.02
33.50	1.20	0.00	1.20	36.10	1.01	0.00	1.01
33.55	1.19	0.00	1.19	36.15	1.01	0.00	1.01
33.60	1.19	0.00	1.19	36.20	1.01	0.00	1.01
33.65	1.19	0.00	1.19	36.25	1.00	0.00	1.00
33.70	1.18	0.00	1.18	36.30	1.00	0.00	1.00
33.75	1.18	0.00	1.18	36.35	0.99	0.00	0.99

Hydrograph for Link PDA-3: Proposed Drainage Area #3 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.99	0.00	0.99	39.00	0.83	0.00	0.83
36.45	0.99	0.00	0.99	39.05	0.83	0.00	0.83
36.50	0.98	0.00	0.98	39.10	0.82	0.00	0.82
36.55	0.98	0.00	0.98	39.15	0.82	0.00	0.82
36.60	0.98	0.00	0.98	39.20	0.82	0.00	0.82
36.65	0.97	0.00	0.97	39.25	0.82	0.00	0.82
36.70	0.97	0.00	0.97	39.30	0.81	0.00	0.81
36.75	0.96	0.00	0.96	39.35	0.81	0.00	0.81
36.80	0.96	0.00	0.96	39.40	0.81	0.00	0.81
36.85	0.96	0.00	0.96	39.45	0.81	0.00	0.81
36.90	0.95	0.00	0.95	39.50	0.80	0.00	0.80
36.95	0.95	0.00	0.95	39.55	0.80	0.00	0.80
37.00	0.95	0.00	0.95	39.60	0.80	0.00	0.80
37.05	0.94	0.00	0.94	39.65	0.80	0.00	0.80
37.10	0.94	0.00	0.94	39.70	0.80	0.00	0.80
37.15	0.94	0.00	0.94	39.75	0.79	0.00	0.79
37.20	0.93	0.00	0.93	39.80	0.79	0.00	0.79
37.25	0.93	0.00	0.93	39.85	0.79	0.00	0.79
37.30	0.93	0.00	0.93	39.90	0.79	0.00	0.79
37.35	0.92	0.00	0.92	39.95	0.78	0.00	0.78
37.40	0.92	0.00	0.92	40.00	0.78	0.00	0.78
37.45	0.91	0.00	0.91				
37.50	0.91	0.00	0.91				
37.55	0.91	0.00	0.91				
37.60	0.91	0.00	0.91				
37.65	0.90	0.00	0.90				
37.70	0.90	0.00	0.90				
37.75	0.90	0.00	0.90				
37.80	0.89	0.00	0.89				
37.85	0.89	0.00	0.89				
37.90	0.89	0.00	0.89				
37.95	0.88	0.00	0.88				
38.00	0.88	0.00	0.88				
38.05	0.88	0.00	0.88				
38.10	0.88	0.00	0.88				
38.15	0.87	0.00	0.87				
38.20	0.87	0.00	0.87				
38.25	0.87	0.00	0.87				
38.30	0.86	0.00	0.86				
38.35	0.86	0.00	0.86				
38.40	0.86	0.00	0.86				
38.45	0.86	0.00	0.86				
38.50	0.85	0.00	0.85				
38.55	0.85	0.00	0.85				
38.60	0.85	0.00	0.85				
38.65	0.85	0.00	0.85				
38.70	0.84	0.00	0.84				
38.75	0.84	0.00	0.84				
38.80	0.84	0.00	0.84				
38.85	0.84	0.00	0.84				
38.90	0.83	0.00	0.83				
38.95	0.83	0.00	0.83				



Routing Diagram for 2025-07-14 Proposed- 081391_4
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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
9.052	74	>75% Grass cover, Good, HSG C (41P, 42P, 43P, 44P, 45P, 46BP, 46P, 47P)
0.133	98	Concrete, HSC C (41I, 43I, 44I)
0.084	98	Concrete, HSG C (45I, 46I, 47I)
1.813	98	Pavement, HSG C (41I, 43I, 44I, 45I, 46I, 47I)
3.620	98	Roof, HSG C (41I, 42I, 43I, 44I, 45I, 46I, 47I)
9.300	55	Woods, Good, HSG B (UPDA-4)
1.740	70	Woods, Good, HSG C (UPDA-4)
0.580	77	Woods, Good, HSG D (UPDA-4)
26.322	72	TOTAL AREA

Summary for Subcatchment 41I: PDA-41 (impervious)

Runoff = 2.11 cfs @ 1.08 hrs, Volume= 0.059 af, Depth= 1.03"
 Routed to Pond B-41 : Basin #41

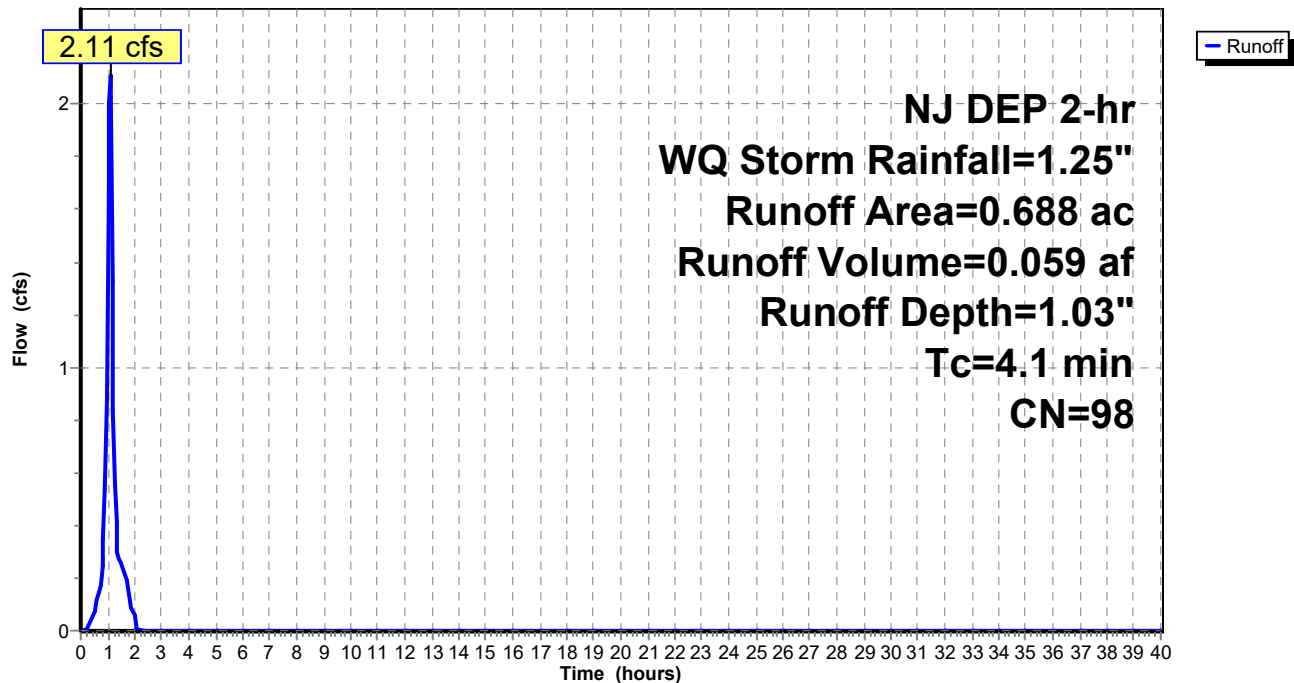
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.136	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.038	98	Concrete, HSC C
0.688	98	Weighted Average
0.688		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 41I: PDA-41 (impervious)

Hydrograph



Hydrograph for Subcatchment 41I: PDA-41 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.02	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.04	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.06	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.09	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.12	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.14	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.18	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.24	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.35	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.54	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.88	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.68	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.00	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.03	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.33	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.84	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.56	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.41	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.30	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.27	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.27	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.27	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.24	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.21	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.20	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.20	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.20	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.15	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.09	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.07	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.07	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.07	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.04	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.01	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 41P: PDA-41 (pervious)

Runoff = 0.33 cfs @ 1.11 hrs, Volume= 0.010 af, Depth= 0.07"
 Routed to Pond B-41 : Basin #41

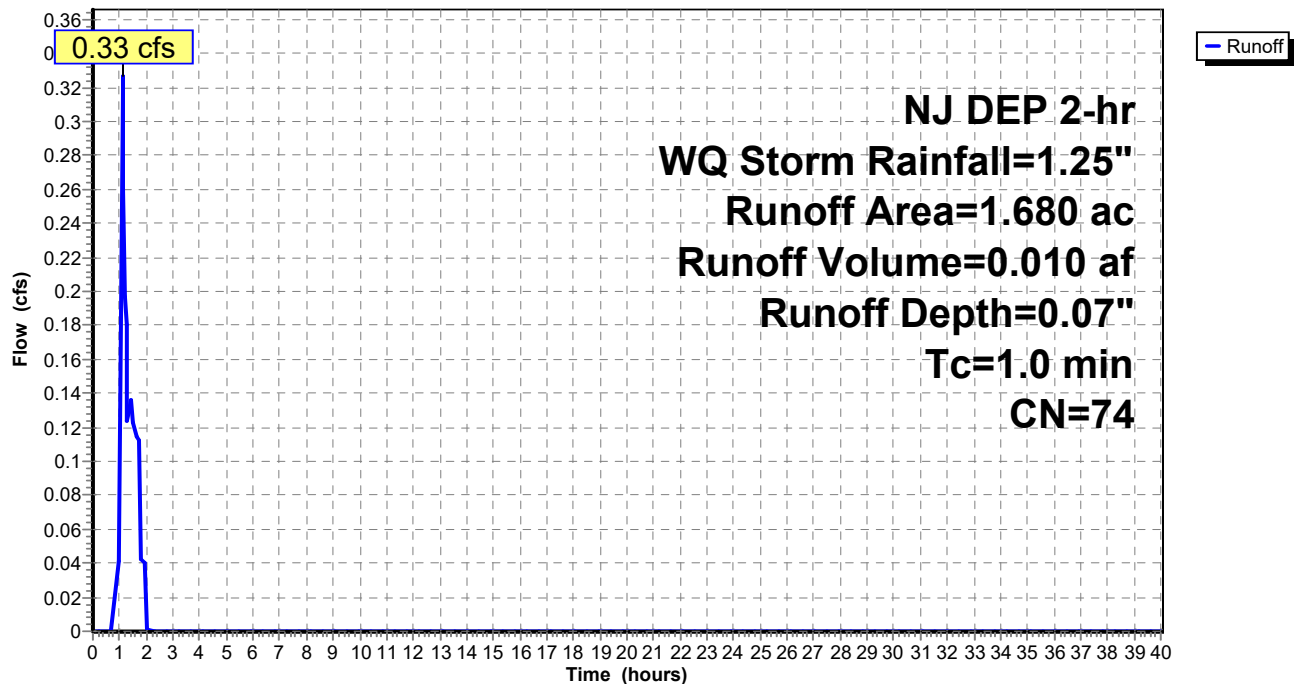
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.680	74	>75% Grass cover, Good, HSG C
1.680		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 41P: PDA-41 (pervious)

Hydrograph



Hydrograph for Subcatchment 41P: PDA-41 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.12	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.32	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.26	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.20	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.18	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.12	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.13	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.13	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.14	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.13	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.11	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.11	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.12	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.12	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.11	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.04	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.04	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.04	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.04	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.00	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.00	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 42I: PDA-42 (impervious)

Runoff = 0.93 cfs @ 1.03 hrs, Volume= 0.026 af, Depth= 1.03"
Routed to Pond B-42 : Basin #42

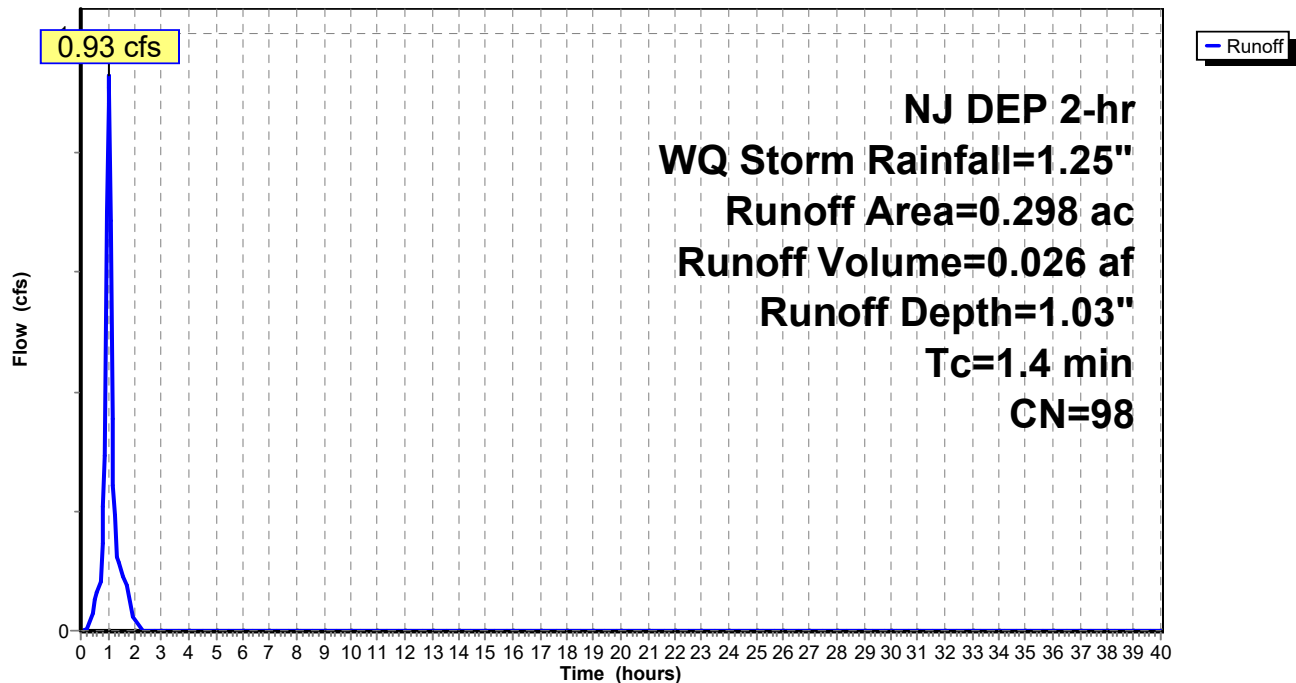
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.298	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.298	98	Weighted Average
0.298		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42I: PDA-42 (impervious)

Hydrograph



Hydrograph for Subcatchment 42I: PDA-42 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.01	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.02	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.03	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.03	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.05	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.06	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.07	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.08	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.09	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.15	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.21	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.29	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.70	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.88	3.60	1.25	1.03	0.00
1.05	0.79	0.58	0.91	3.65	1.25	1.03	0.00
1.10	0.91	0.71	0.69	3.70	1.25	1.03	0.00
1.15	0.97	0.76	0.35	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.24	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.19	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.12	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.12	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.12	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.12	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.11	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.09	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.09	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.09	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.09	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.08	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.03	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.03	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.03	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.03	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.03	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.00	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.00	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 42P: PDA-42 (pervious)

Runoff = 0.09 cfs @ 1.11 hrs, Volume= 0.003 af, Depth= 0.07"
 Routed to Pond B-42 : Basin #42

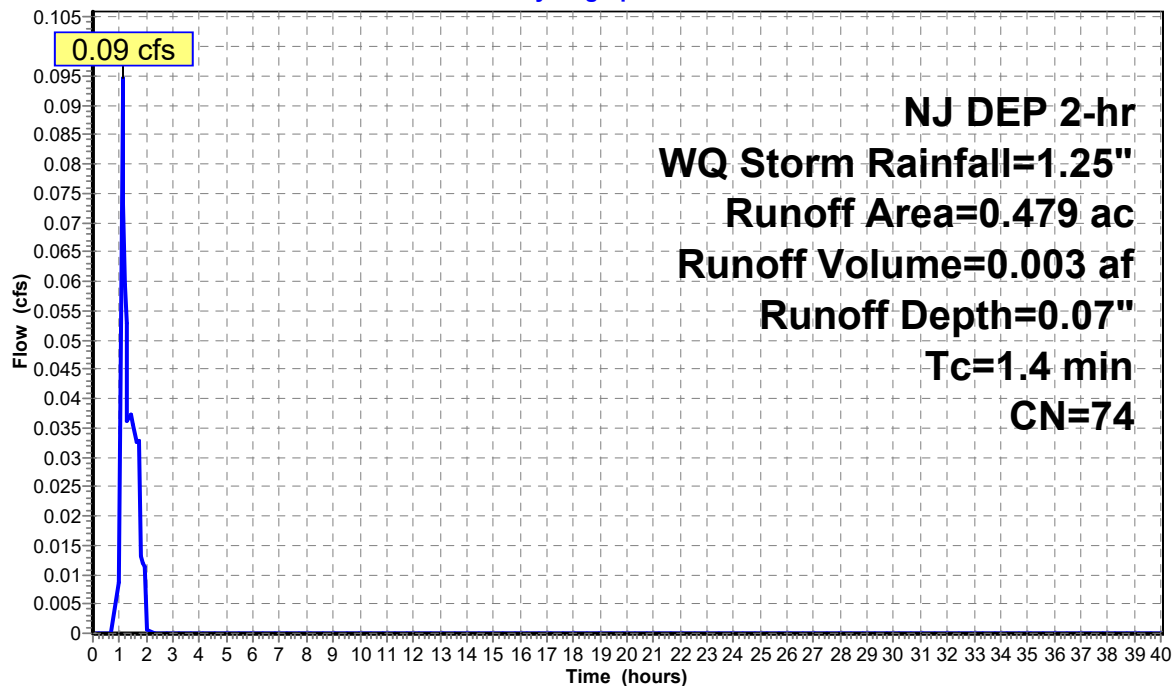
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.479	74	>75% Grass cover, Good, HSG C
0.479		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42P: PDA-42 (pervious)

Hydrograph



Hydrograph for Subcatchment 42P: PDA-42 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.03	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.09	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.07	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.06	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.05	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.04	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.04	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.04	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.04	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.04	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.03	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.03	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.03	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.03	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.03	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.01	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.01	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.01	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.01	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.01	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.00	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.00	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 43I: PDA-43 (impervious)

Runoff = 2.83 cfs @ 1.03 hrs, Volume= 0.079 af, Depth= 1.03"
Routed to Pond B-43 : Basin #43

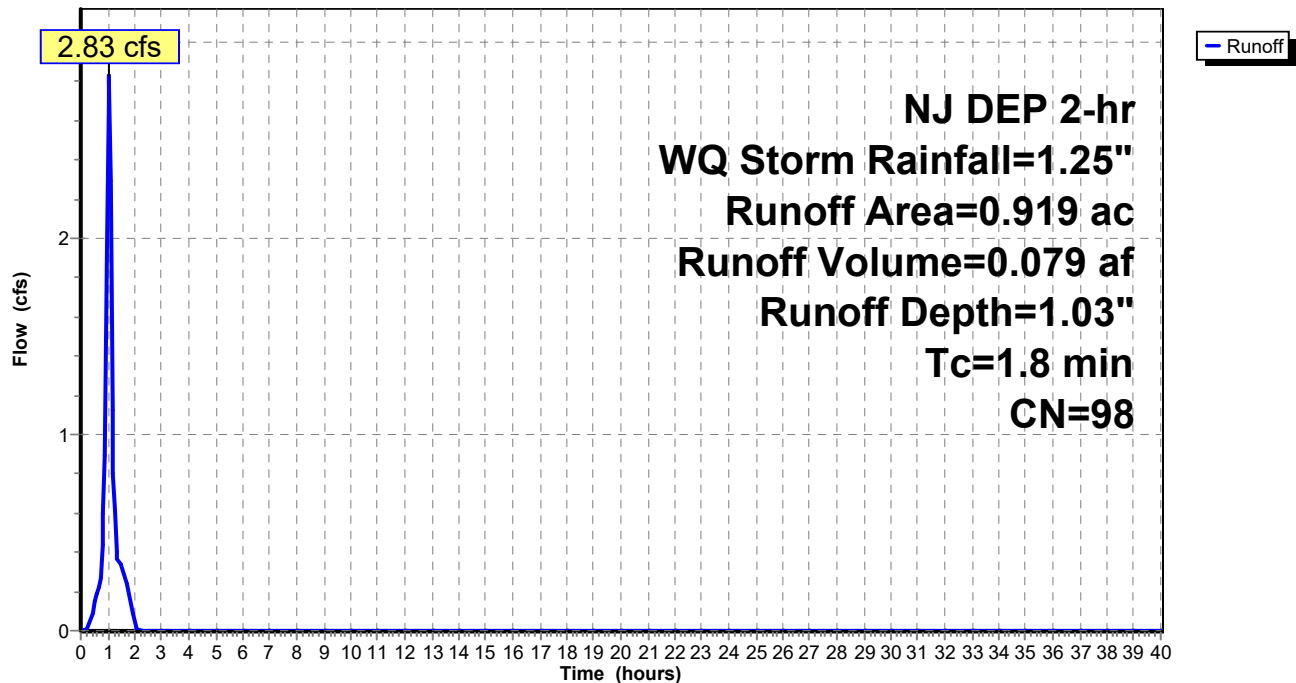
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.326	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.071	98	Concrete, HSC C
0.919	98	Weighted Average
0.919		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8					Direct Entry,

Subcatchment 43I: PDA-43 (impervious)

Hydrograph



Hydrograph for Subcatchment 43I: PDA-43 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.02	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.05	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.08	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.10	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.16	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.19	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.21	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.23	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.26	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.44	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.60	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.89	3.50	1.25	1.03	0.00
0.95	0.46	0.29	1.96	3.55	1.25	1.03	0.00
1.00	0.63	0.43	2.70	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.80	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.29	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.13	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.80	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.61	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.40	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.36	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.36	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.36	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.35	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.28	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.27	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.27	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.27	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.26	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.11	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.09	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.09	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.09	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.08	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.01	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.00	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 43P: PDA-43 (pervious)

Runoff = 0.22 cfs @ 1.30 hrs, Volume= 0.011 af, Depth= 0.07"
 Routed to Pond B-43 : Basin #43

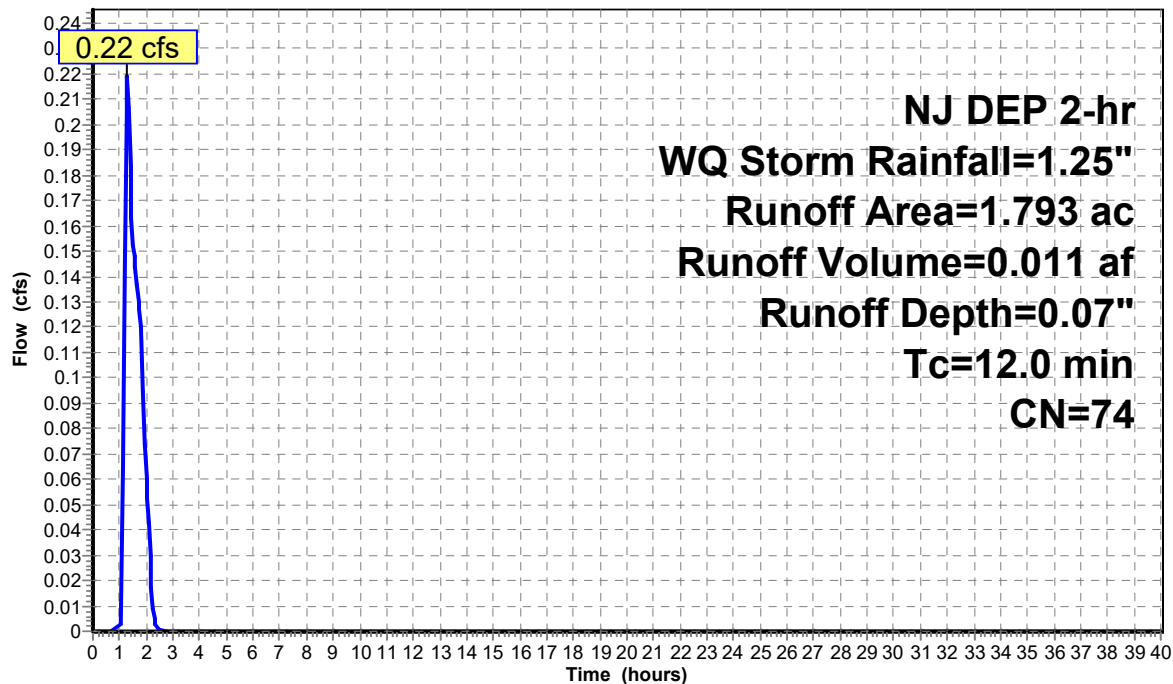
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.793	74	>75% Grass cover, Good, HSG C
1.793		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.0					Direct Entry,

Subcatchment 43P: PDA-43 (pervious)

Hydrograph



Hydrograph for Subcatchment 43P: PDA-43 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.15	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.20	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.22	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.21	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.18	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.16	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.15	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.15	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.14	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.14	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.13	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.13	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.12	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.12	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.09	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.07	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.06	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.05	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.04	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.03	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.02	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.01	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 44I: PDA-44 (impervious)

Runoff = 1.06 cfs @ 1.15 hrs, Volume= 0.035 af, Depth= 1.03"
Routed to Pond B-44 : Basin #44

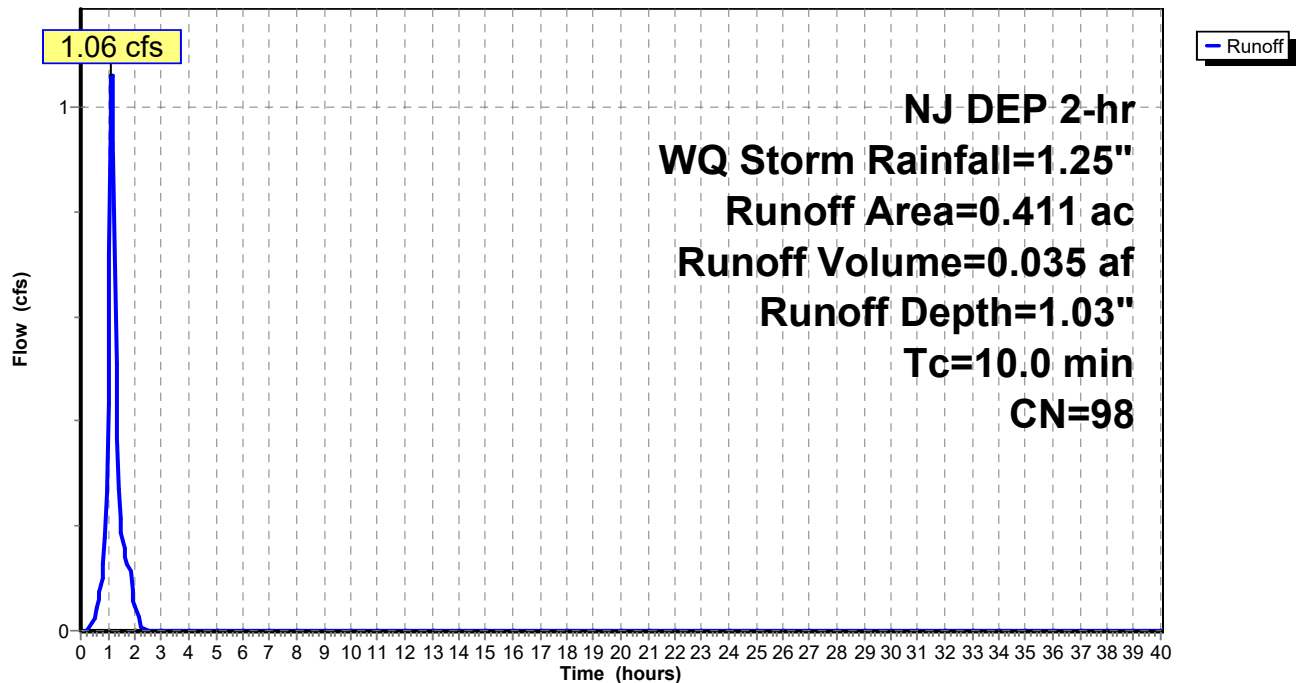
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.283	98	Pavement, HSG C
* 0.104	98	Roof, HSG C
* 0.024	98	Concrete, HSC C
0.411	98	Weighted Average
0.411		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44I: PDA-44 (impervious)

Hydrograph



Hydrograph for Subcatchment 44I: PDA-44 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.00	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.01	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.02	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.03	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.04	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.06	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.07	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.09	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.10	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.13	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.18	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.26	3.55	1.25	1.03	0.00
1.00	0.63	0.43	0.43	3.60	1.25	1.03	0.00
1.05	0.79	0.58	0.72	3.65	1.25	1.03	0.00
1.10	0.91	0.71	0.97	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.06	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.93	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.70	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.51	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.37	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.27	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.21	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.19	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.17	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.16	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.14	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.13	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.13	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.12	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.10	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.08	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.06	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.05	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.04	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.03	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.02	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.01	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 44P: PDA-44 (pervious)

Runoff = 0.10 cfs @ 1.27 hrs, Volume= 0.005 af, Depth= 0.07"
Routed to Pond B-44 : Basin #44

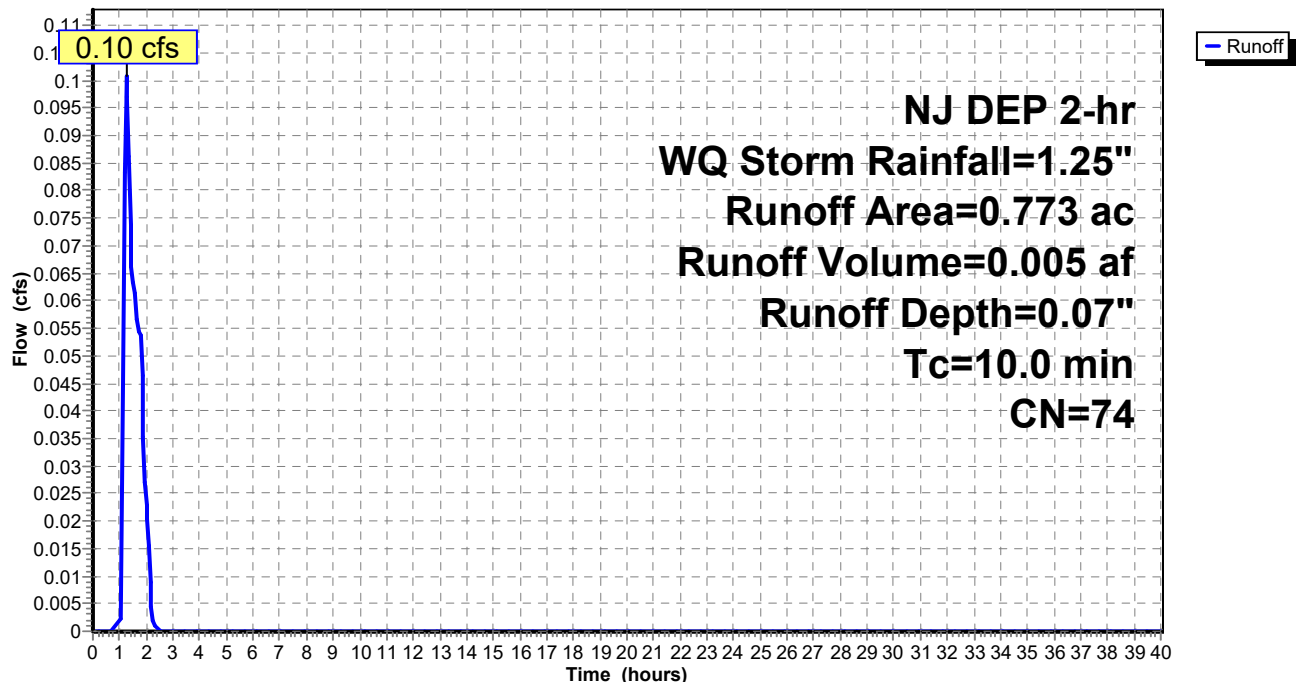
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.773	74	>75% Grass cover, Good, HSG C
0.773		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44P: PDA-44 (pervious)

Hydrograph



Hydrograph for Subcatchment 44P: PDA-44 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.04	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.08	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.10	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.10	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.09	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.07	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.07	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.06	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.06	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.06	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.06	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.05	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.05	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.05	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.05	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.04	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.03	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.02	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.02	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.01	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 45I: PDA-45 (impervious)

Runoff = 4.28 cfs @ 1.09 hrs, Volume= 0.124 af, Depth= 1.03"
 Routed to Pond B-45 : Basin #45

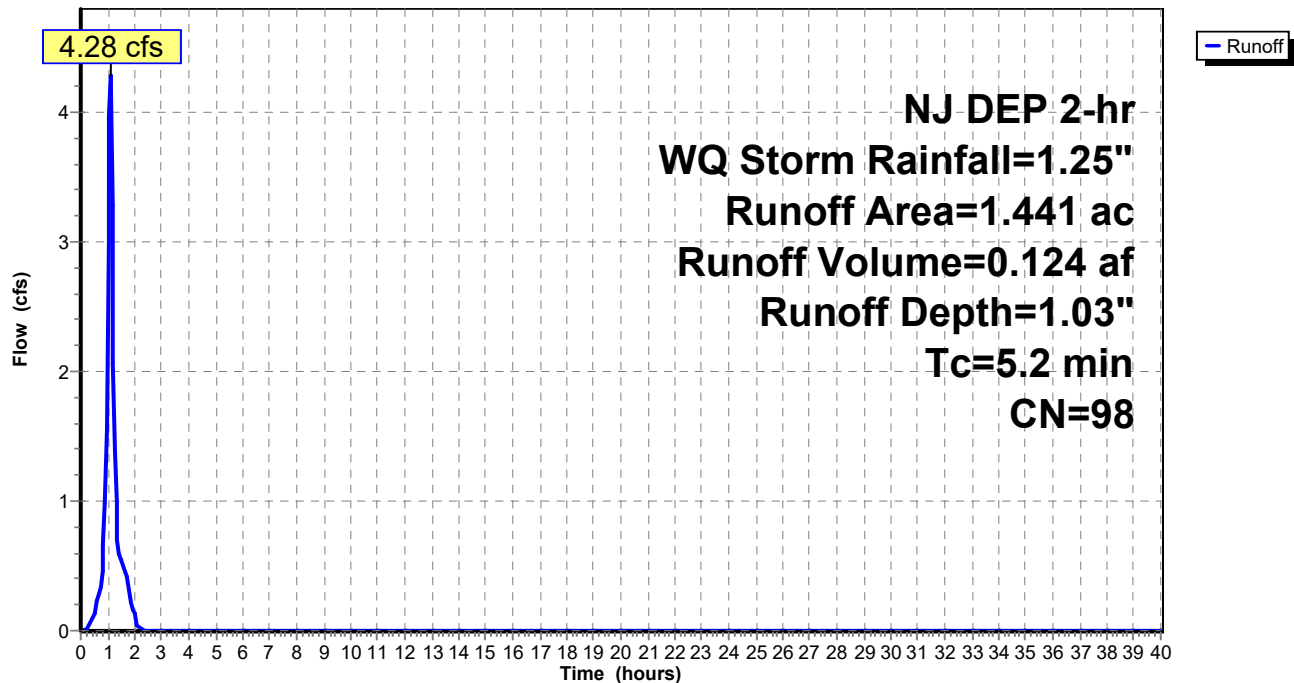
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.394	98	Pavement, HSG C
* 1.045	98	Roof, HSG C
* 0.002	98	Concrete, HSG C
1.441	98	Weighted Average
1.441		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.2					Direct Entry,

Subcatchment 45I: PDA-45 (impervious)

Hydrograph



Hydrograph for Subcatchment 45I: PDA-45 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.03	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.07	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.12	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.17	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.24	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.29	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.33	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.36	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.46	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.66	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.99	3.50	1.25	1.03	0.00
0.95	0.46	0.29	1.55	3.55	1.25	1.03	0.00
1.00	0.63	0.43	3.01	3.60	1.25	1.03	0.00
1.05	0.79	0.58	3.97	3.65	1.25	1.03	0.00
1.10	0.91	0.71	4.23	3.70	1.25	1.03	0.00
1.15	0.97	0.76	3.28	3.75	1.25	1.03	0.00
1.20	1.02	0.81	2.06	3.80	1.25	1.03	0.00
1.25	1.05	0.84	1.37	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.99	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.70	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.60	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.57	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.56	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.53	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.46	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.43	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.43	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.43	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.36	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.22	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.16	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.15	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.14	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.11	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.04	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.01	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 45P: PDA-45 (pervious)

Runoff = 0.14 cfs @ 1.16 hrs, Volume= 0.005 af, Depth= 0.07"
 Routed to Pond B-45 : Basin #45

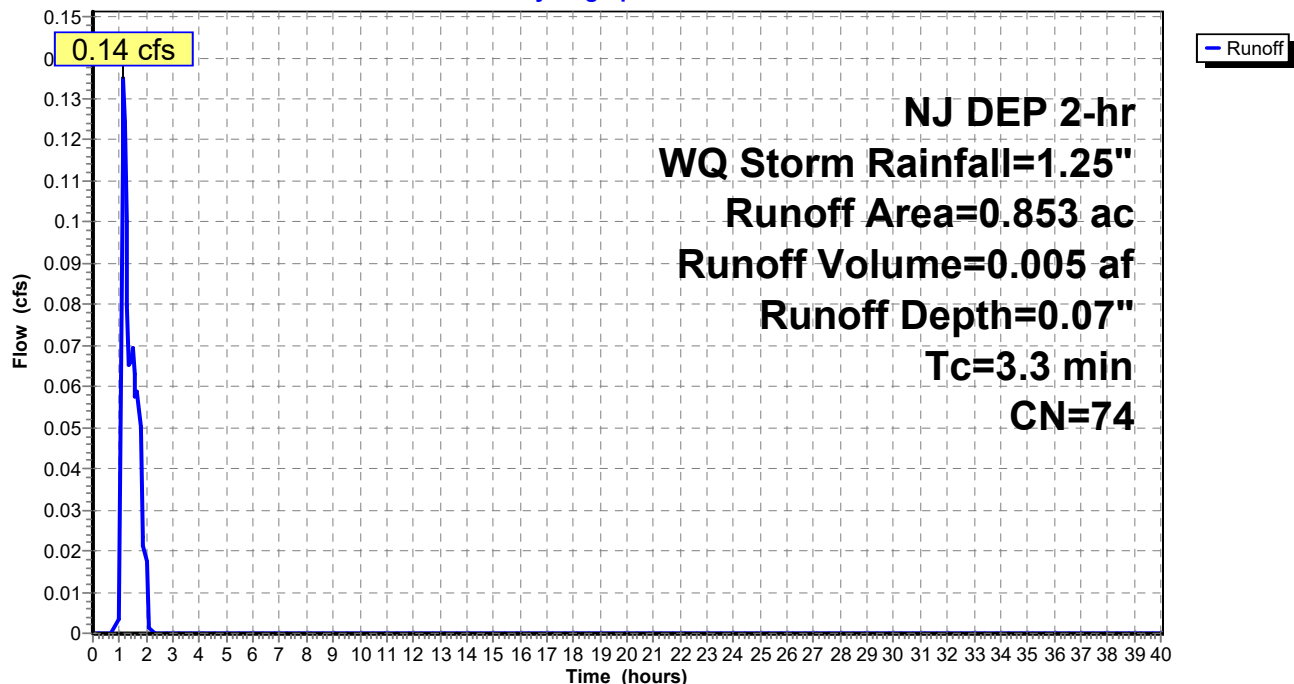
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.853	74	>75% Grass cover, Good, HSG C
0.853		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.3					Direct Entry,

Subcatchment 45P: PDA-45 (pervious)

Hydrograph



Hydrograph for Subcatchment 45P: PDA-45 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.01	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.12	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.13	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.12	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.10	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.08	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.07	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.06	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.07	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.07	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.06	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.06	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.06	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.06	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.06	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.04	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.02	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.02	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.02	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.02	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.01	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.00	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 46BP: PDA-46B (pervious)

Runoff = 0.07 cfs @ 1.18 hrs, Volume= 0.003 af, Depth= 0.07"
 Routed to Pond B-46B : Basin #46B

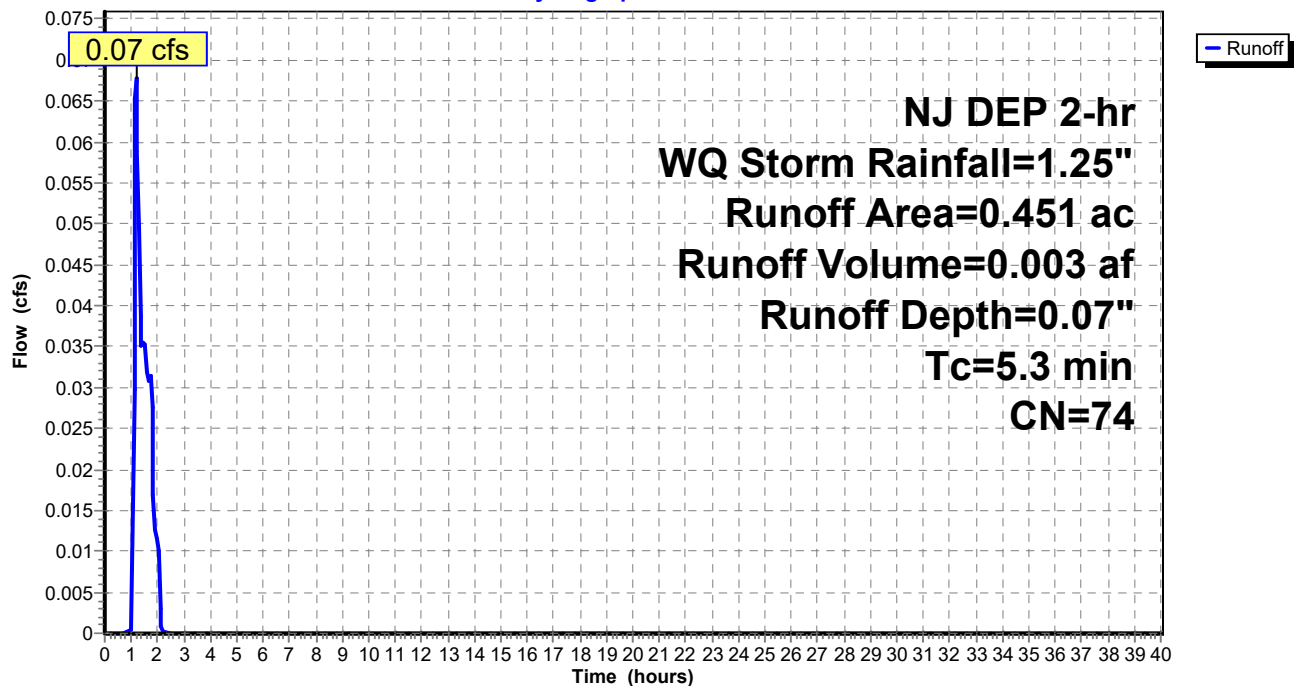
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.451	74	>75% Grass cover, Good, HSG C
0.451		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.3					Direct Entry,

Subcatchment 46BP: PDA-46B (pervious)

Hydrograph



Hydrograph for Subcatchment 46BP: PDA-46B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.03	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.07	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.07	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.06	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.05	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.04	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.04	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.04	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.04	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.04	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.03	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.03	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.03	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.03	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.03	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.02	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.01	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.01	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.01	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.01	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.00	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 46I: PDA-46 (impervious)

Runoff = 3.50 cfs @ 1.04 hrs, Volume= 0.099 af, Depth= 1.03"
 Routed to Pond B-46A : Basin #46A

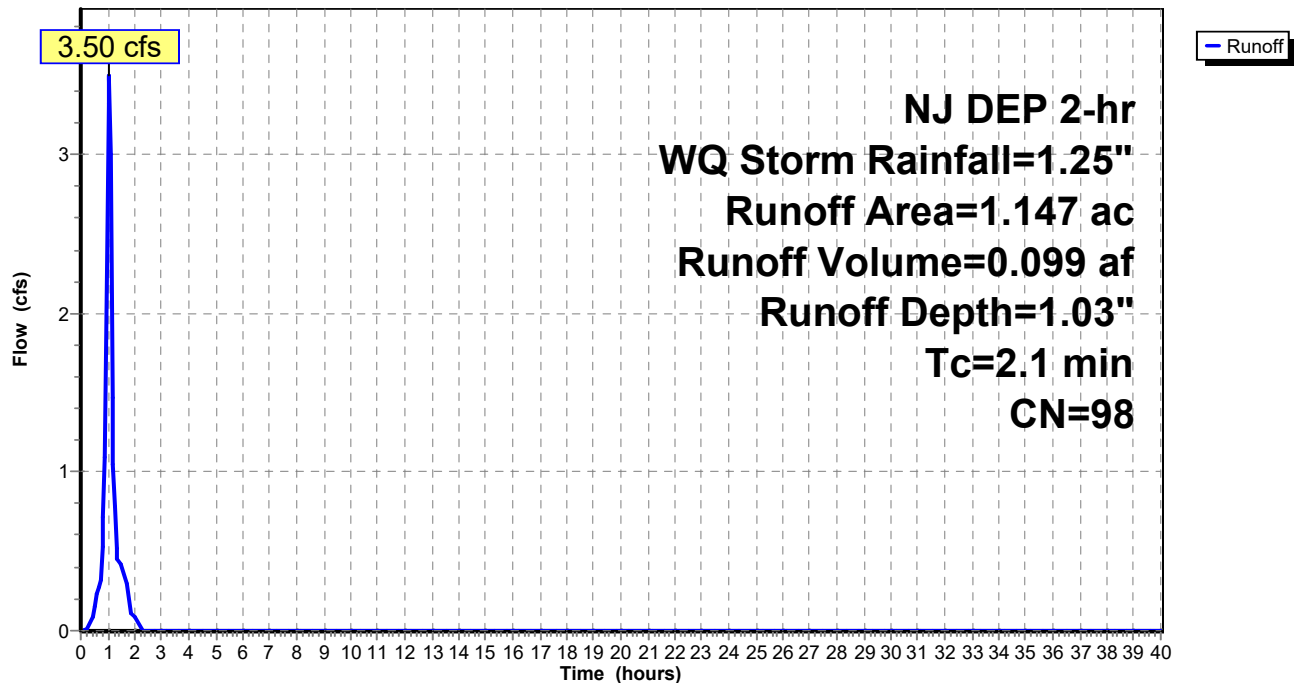
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.430	98	Pavement, HSG C
* 0.653	98	Roof, HSG C
* 0.064	98	Concrete, HSG C
1.147	98	Weighted Average
1.147		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.1					Direct Entry,

Subcatchment 46I: PDA-46 (impervious)

Hydrograph



Hydrograph for Subcatchment 46I: PDA-46 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.02	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.06	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.09	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.12	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.19	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.23	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.26	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.29	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.32	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.53	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.72	3.45	1.25	1.03	0.00
0.90	0.34	0.18	1.09	3.50	1.25	1.03	0.00
0.95	0.46	0.29	2.27	3.55	1.25	1.03	0.00
1.00	0.63	0.43	3.33	3.60	1.25	1.03	0.00
1.05	0.79	0.58	3.48	3.65	1.25	1.03	0.00
1.10	0.91	0.71	3.00	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.47	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.05	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.78	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.52	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.46	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.45	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.45	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.44	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.36	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.34	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.34	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.34	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.33	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.16	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.11	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.11	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.11	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.11	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.02	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.00	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 46P: PDA-46 (pervious)

Runoff = 0.24 cfs @ 1.12 hrs, Volume= 0.008 af, Depth= 0.07"
 Routed to Pond B-46A : Basin #46A

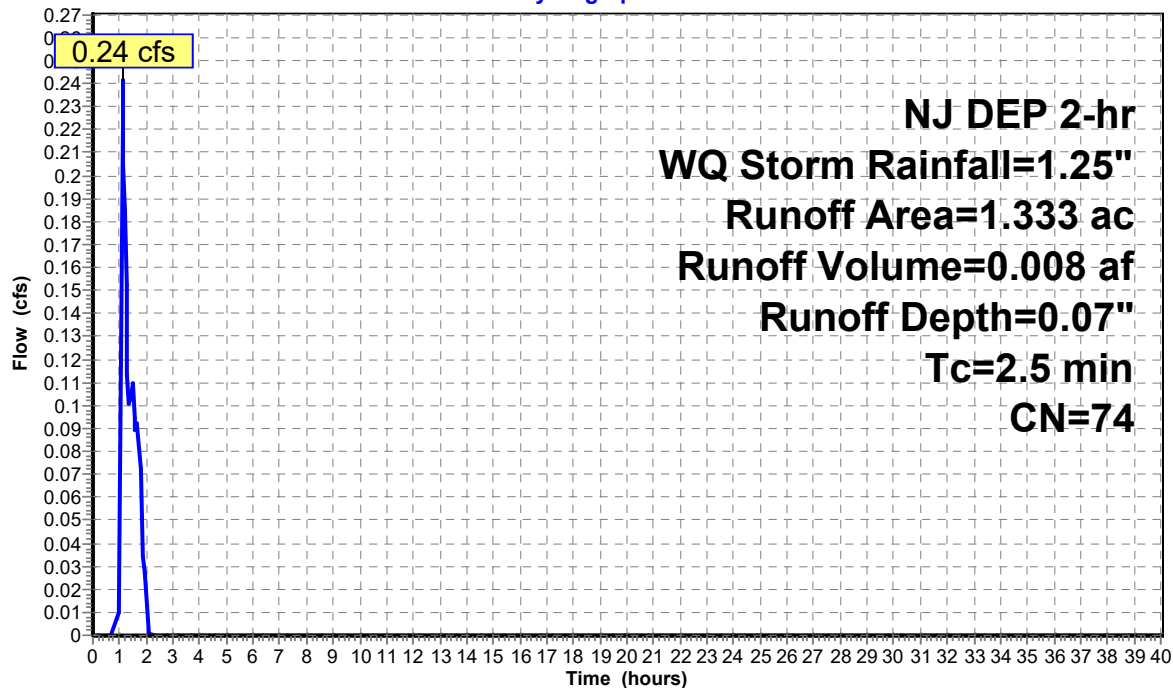
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.333	74	>75% Grass cover, Good, HSG C
1.333		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.5					Direct Entry,

Subcatchment 46P: PDA-46 (pervious)

Hydrograph



Hydrograph for Subcatchment 46P: PDA-46 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.03	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.22	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.21	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.19	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.15	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.11	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.10	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.10	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.11	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.11	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.09	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.09	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.09	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.09	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.09	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.05	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.03	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.03	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.03	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.01	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.00	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 47I: PDA-47 (impervious)

Runoff = 2.26 cfs @ 1.08 hrs, Volume= 0.064 af, Depth= 1.03"
 Routed to Pond B-47 : Basin #47

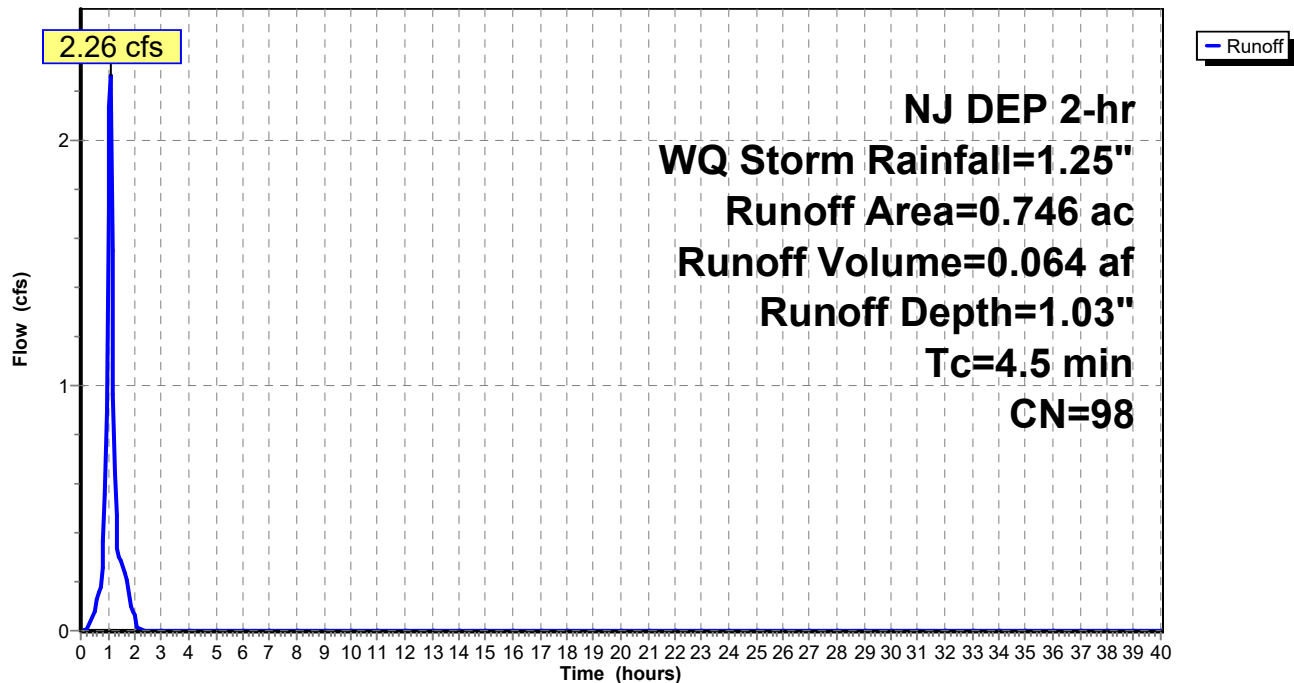
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.244	98	Pavement, HSG C
* 0.484	98	Roof, HSG C
* 0.018	98	Concrete, HSG C
0.746	98	Weighted Average
0.746		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.5					Direct Entry,

Subcatchment 47I: PDA-47 (impervious)

Hydrograph



Hydrograph for Subcatchment 47I: PDA-47 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.02	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.04	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.06	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.09	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.13	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.15	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.17	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.19	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.25	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.36	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.56	3.50	1.25	1.03	0.00
0.95	0.46	0.29	0.89	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.72	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.13	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.20	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.55	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.96	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.64	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.47	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.34	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.30	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.29	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.29	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.27	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.23	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.22	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.22	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.22	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.17	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.10	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.08	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.07	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.07	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.05	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.01	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 47P: PDA-47 (pervious)

Runoff = 0.18 cfs @ 1.38 hrs, Volume= 0.010 af, Depth= 0.07"
Routed to Pond B-47 : Basin #47

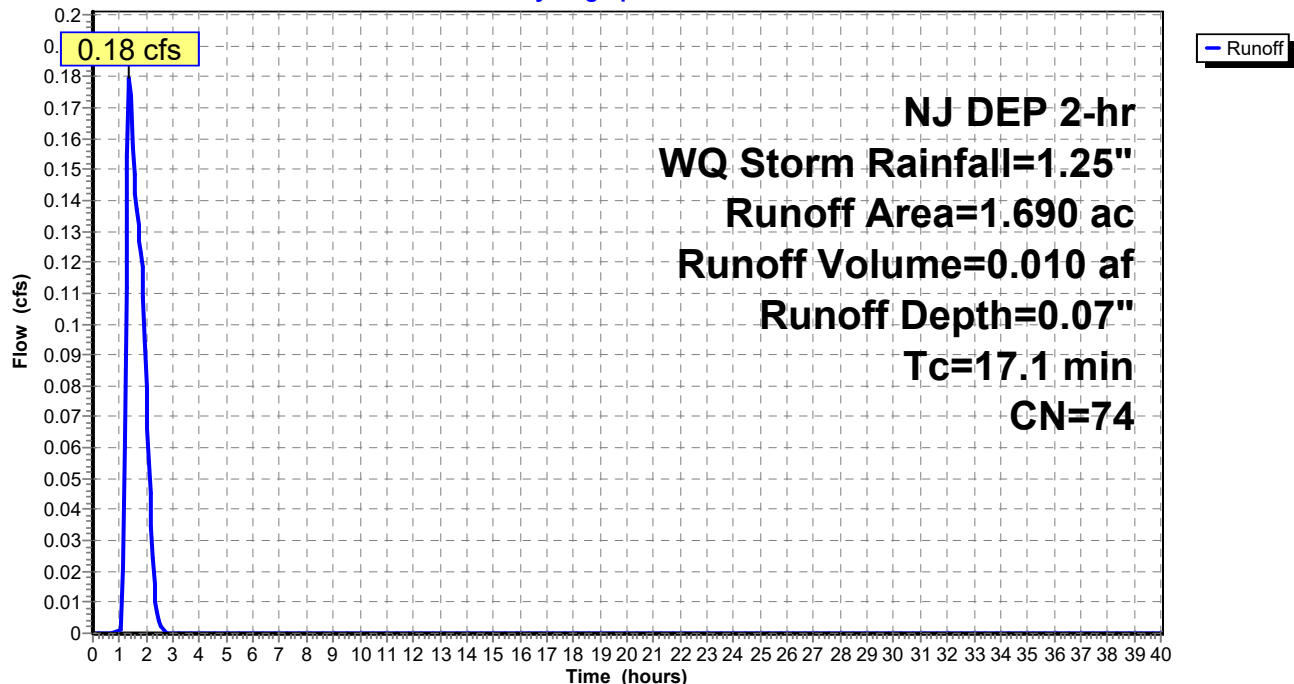
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.690	74	>75% Grass cover, Good, HSG C
1.690		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.1					Direct Entry,

Subcatchment 47P: PDA-47 (pervious)

Hydrograph



Hydrograph for Subcatchment 47P: PDA-47 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.00	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.02	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.06	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.11	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.15	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.18	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.18	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.17	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.16	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.15	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.14	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.14	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.13	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.13	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.12	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.12	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.11	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.09	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.08	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.07	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.06	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.05	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.03	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.02	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.02	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.01	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.01	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment UPDA-4: PDA-4 (undetained)

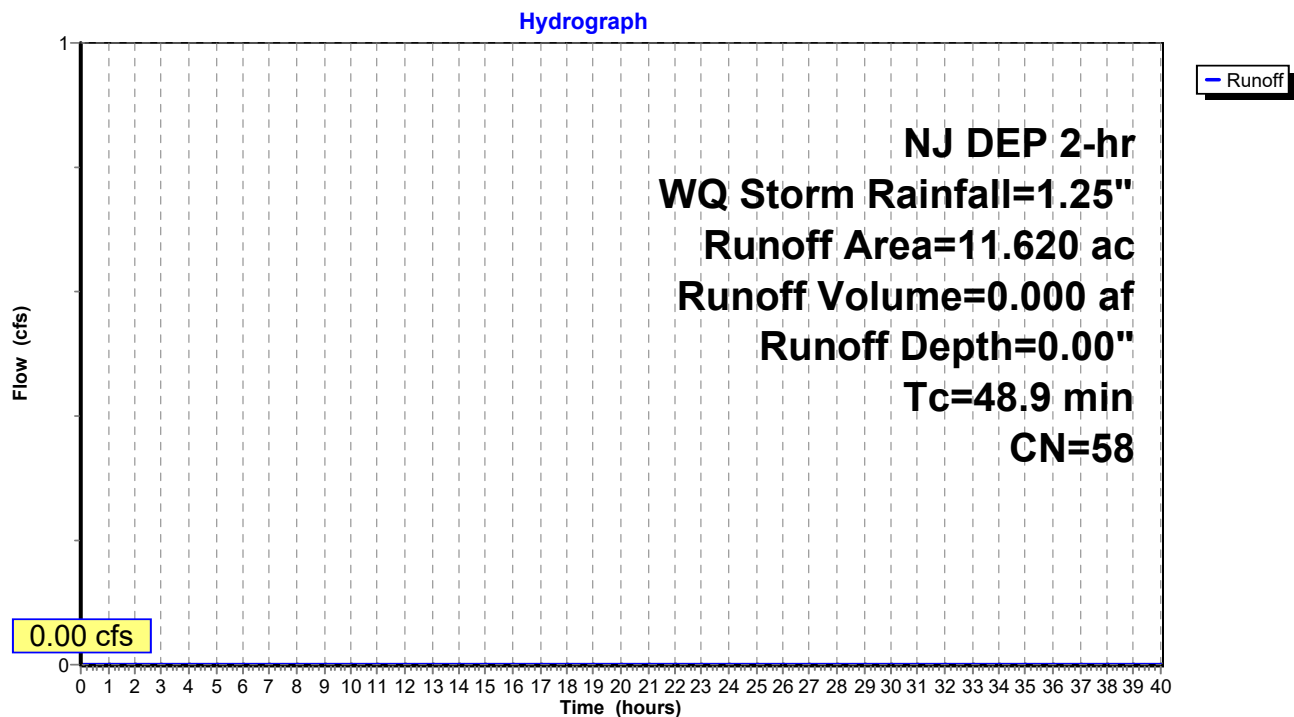
Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"

Routed to Link PDA-4 : Proposed Drainage Area #4

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
9.300	55	Woods, Good, HSG B
1.740	70	Woods, Good, HSG C
0.580	77	Woods, Good, HSG D
11.620	58	Weighted Average
11.620		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
48.9					Direct Entry,

Subcatchment UPDA-4: PDA-4 (undetained)

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.00	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.00	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.00	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.00	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.00	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.00	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.00	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.00	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.00	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.00	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.00	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.00	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.00	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.00	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.00	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.00	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.00	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.00	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.00	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.00	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.00	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.00	0.00
1.10	0.91	0.00	0.00	3.70	1.25	0.00	0.00
1.15	0.97	0.00	0.00	3.75	1.25	0.00	0.00
1.20	1.02	0.00	0.00	3.80	1.25	0.00	0.00
1.25	1.05	0.00	0.00	3.85	1.25	0.00	0.00
1.30	1.07	0.00	0.00	3.90	1.25	0.00	0.00
1.35	1.09	0.00	0.00	3.95	1.25	0.00	0.00
1.40	1.11	0.00	0.00	4.00	1.25	0.00	0.00
1.45	1.13	0.00	0.00	4.05	1.25	0.00	0.00
1.50	1.15	0.00	0.00	4.10	1.25	0.00	0.00
1.55	1.17	0.00	0.00	4.15	1.25	0.00	0.00
1.60	1.18	0.00	0.00	4.20	1.25	0.00	0.00
1.65	1.20	0.00	0.00	4.25	1.25	0.00	0.00
1.70	1.21	0.00	0.00	4.30	1.25	0.00	0.00
1.75	1.23	0.00	0.00	4.35	1.25	0.00	0.00
1.80	1.23	0.00	0.00	4.40	1.25	0.00	0.00
1.85	1.24	0.00	0.00	4.45	1.25	0.00	0.00
1.90	1.24	0.00	0.00	4.50	1.25	0.00	0.00
1.95	1.25	0.00	0.00	4.55	1.25	0.00	0.00
2.00	1.25	0.00	0.00	4.60	1.25	0.00	0.00
2.05	1.25	0.00	0.00	4.65	1.25	0.00	0.00
2.10	1.25	0.00	0.00	4.70	1.25	0.00	0.00
2.15	1.25	0.00	0.00	4.75	1.25	0.00	0.00
2.20	1.25	0.00	0.00	4.80	1.25	0.00	0.00
2.25	1.25	0.00	0.00	4.85	1.25	0.00	0.00
2.30	1.25	0.00	0.00	4.90	1.25	0.00	0.00
2.35	1.25	0.00	0.00	4.95	1.25	0.00	0.00
2.40	1.25	0.00	0.00	5.00	1.25	0.00	0.00
2.45	1.25	0.00	0.00	5.05	1.25	0.00	0.00
2.50	1.25	0.00	0.00	5.10	1.25	0.00	0.00
2.55	1.25	0.00	0.00	5.15	1.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.00	0.00	7.80	1.25	0.00	0.00
5.25	1.25	0.00	0.00	7.85	1.25	0.00	0.00
5.30	1.25	0.00	0.00	7.90	1.25	0.00	0.00
5.35	1.25	0.00	0.00	7.95	1.25	0.00	0.00
5.40	1.25	0.00	0.00	8.00	1.25	0.00	0.00
5.45	1.25	0.00	0.00	8.05	1.25	0.00	0.00
5.50	1.25	0.00	0.00	8.10	1.25	0.00	0.00
5.55	1.25	0.00	0.00	8.15	1.25	0.00	0.00
5.60	1.25	0.00	0.00	8.20	1.25	0.00	0.00
5.65	1.25	0.00	0.00	8.25	1.25	0.00	0.00
5.70	1.25	0.00	0.00	8.30	1.25	0.00	0.00
5.75	1.25	0.00	0.00	8.35	1.25	0.00	0.00
5.80	1.25	0.00	0.00	8.40	1.25	0.00	0.00
5.85	1.25	0.00	0.00	8.45	1.25	0.00	0.00
5.90	1.25	0.00	0.00	8.50	1.25	0.00	0.00
5.95	1.25	0.00	0.00	8.55	1.25	0.00	0.00
6.00	1.25	0.00	0.00	8.60	1.25	0.00	0.00
6.05	1.25	0.00	0.00	8.65	1.25	0.00	0.00
6.10	1.25	0.00	0.00	8.70	1.25	0.00	0.00
6.15	1.25	0.00	0.00	8.75	1.25	0.00	0.00
6.20	1.25	0.00	0.00	8.80	1.25	0.00	0.00
6.25	1.25	0.00	0.00	8.85	1.25	0.00	0.00
6.30	1.25	0.00	0.00	8.90	1.25	0.00	0.00
6.35	1.25	0.00	0.00	8.95	1.25	0.00	0.00
6.40	1.25	0.00	0.00	9.00	1.25	0.00	0.00
6.45	1.25	0.00	0.00	9.05	1.25	0.00	0.00
6.50	1.25	0.00	0.00	9.10	1.25	0.00	0.00
6.55	1.25	0.00	0.00	9.15	1.25	0.00	0.00
6.60	1.25	0.00	0.00	9.20	1.25	0.00	0.00
6.65	1.25	0.00	0.00	9.25	1.25	0.00	0.00
6.70	1.25	0.00	0.00	9.30	1.25	0.00	0.00
6.75	1.25	0.00	0.00	9.35	1.25	0.00	0.00
6.80	1.25	0.00	0.00	9.40	1.25	0.00	0.00
6.85	1.25	0.00	0.00	9.45	1.25	0.00	0.00
6.90	1.25	0.00	0.00	9.50	1.25	0.00	0.00
6.95	1.25	0.00	0.00	9.55	1.25	0.00	0.00
7.00	1.25	0.00	0.00	9.60	1.25	0.00	0.00
7.05	1.25	0.00	0.00	9.65	1.25	0.00	0.00
7.10	1.25	0.00	0.00	9.70	1.25	0.00	0.00
7.15	1.25	0.00	0.00	9.75	1.25	0.00	0.00
7.20	1.25	0.00	0.00	9.80	1.25	0.00	0.00
7.25	1.25	0.00	0.00	9.85	1.25	0.00	0.00
7.30	1.25	0.00	0.00	9.90	1.25	0.00	0.00
7.35	1.25	0.00	0.00	9.95	1.25	0.00	0.00
7.40	1.25	0.00	0.00	10.00	1.25	0.00	0.00
7.45	1.25	0.00	0.00	10.05	1.25	0.00	0.00
7.50	1.25	0.00	0.00	10.10	1.25	0.00	0.00
7.55	1.25	0.00	0.00	10.15	1.25	0.00	0.00
7.60	1.25	0.00	0.00	10.20	1.25	0.00	0.00
7.65	1.25	0.00	0.00	10.25	1.25	0.00	0.00
7.70	1.25	0.00	0.00	10.30	1.25	0.00	0.00
7.75	1.25	0.00	0.00	10.35	1.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.00	0.00	13.00	1.25	0.00	0.00
10.45	1.25	0.00	0.00	13.05	1.25	0.00	0.00
10.50	1.25	0.00	0.00	13.10	1.25	0.00	0.00
10.55	1.25	0.00	0.00	13.15	1.25	0.00	0.00
10.60	1.25	0.00	0.00	13.20	1.25	0.00	0.00
10.65	1.25	0.00	0.00	13.25	1.25	0.00	0.00
10.70	1.25	0.00	0.00	13.30	1.25	0.00	0.00
10.75	1.25	0.00	0.00	13.35	1.25	0.00	0.00
10.80	1.25	0.00	0.00	13.40	1.25	0.00	0.00
10.85	1.25	0.00	0.00	13.45	1.25	0.00	0.00
10.90	1.25	0.00	0.00	13.50	1.25	0.00	0.00
10.95	1.25	0.00	0.00	13.55	1.25	0.00	0.00
11.00	1.25	0.00	0.00	13.60	1.25	0.00	0.00
11.05	1.25	0.00	0.00	13.65	1.25	0.00	0.00
11.10	1.25	0.00	0.00	13.70	1.25	0.00	0.00
11.15	1.25	0.00	0.00	13.75	1.25	0.00	0.00
11.20	1.25	0.00	0.00	13.80	1.25	0.00	0.00
11.25	1.25	0.00	0.00	13.85	1.25	0.00	0.00
11.30	1.25	0.00	0.00	13.90	1.25	0.00	0.00
11.35	1.25	0.00	0.00	13.95	1.25	0.00	0.00
11.40	1.25	0.00	0.00	14.00	1.25	0.00	0.00
11.45	1.25	0.00	0.00	14.05	1.25	0.00	0.00
11.50	1.25	0.00	0.00	14.10	1.25	0.00	0.00
11.55	1.25	0.00	0.00	14.15	1.25	0.00	0.00
11.60	1.25	0.00	0.00	14.20	1.25	0.00	0.00
11.65	1.25	0.00	0.00	14.25	1.25	0.00	0.00
11.70	1.25	0.00	0.00	14.30	1.25	0.00	0.00
11.75	1.25	0.00	0.00	14.35	1.25	0.00	0.00
11.80	1.25	0.00	0.00	14.40	1.25	0.00	0.00
11.85	1.25	0.00	0.00	14.45	1.25	0.00	0.00
11.90	1.25	0.00	0.00	14.50	1.25	0.00	0.00
11.95	1.25	0.00	0.00	14.55	1.25	0.00	0.00
12.00	1.25	0.00	0.00	14.60	1.25	0.00	0.00
12.05	1.25	0.00	0.00	14.65	1.25	0.00	0.00
12.10	1.25	0.00	0.00	14.70	1.25	0.00	0.00
12.15	1.25	0.00	0.00	14.75	1.25	0.00	0.00
12.20	1.25	0.00	0.00	14.80	1.25	0.00	0.00
12.25	1.25	0.00	0.00	14.85	1.25	0.00	0.00
12.30	1.25	0.00	0.00	14.90	1.25	0.00	0.00
12.35	1.25	0.00	0.00	14.95	1.25	0.00	0.00
12.40	1.25	0.00	0.00	15.00	1.25	0.00	0.00
12.45	1.25	0.00	0.00	15.05	1.25	0.00	0.00
12.50	1.25	0.00	0.00	15.10	1.25	0.00	0.00
12.55	1.25	0.00	0.00	15.15	1.25	0.00	0.00
12.60	1.25	0.00	0.00	15.20	1.25	0.00	0.00
12.65	1.25	0.00	0.00	15.25	1.25	0.00	0.00
12.70	1.25	0.00	0.00	15.30	1.25	0.00	0.00
12.75	1.25	0.00	0.00	15.35	1.25	0.00	0.00
12.80	1.25	0.00	0.00	15.40	1.25	0.00	0.00
12.85	1.25	0.00	0.00	15.45	1.25	0.00	0.00
12.90	1.25	0.00	0.00	15.50	1.25	0.00	0.00
12.95	1.25	0.00	0.00	15.55	1.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.00	0.00	18.20	1.25	0.00	0.00
15.65	1.25	0.00	0.00	18.25	1.25	0.00	0.00
15.70	1.25	0.00	0.00	18.30	1.25	0.00	0.00
15.75	1.25	0.00	0.00	18.35	1.25	0.00	0.00
15.80	1.25	0.00	0.00	18.40	1.25	0.00	0.00
15.85	1.25	0.00	0.00	18.45	1.25	0.00	0.00
15.90	1.25	0.00	0.00	18.50	1.25	0.00	0.00
15.95	1.25	0.00	0.00	18.55	1.25	0.00	0.00
16.00	1.25	0.00	0.00	18.60	1.25	0.00	0.00
16.05	1.25	0.00	0.00	18.65	1.25	0.00	0.00
16.10	1.25	0.00	0.00	18.70	1.25	0.00	0.00
16.15	1.25	0.00	0.00	18.75	1.25	0.00	0.00
16.20	1.25	0.00	0.00	18.80	1.25	0.00	0.00
16.25	1.25	0.00	0.00	18.85	1.25	0.00	0.00
16.30	1.25	0.00	0.00	18.90	1.25	0.00	0.00
16.35	1.25	0.00	0.00	18.95	1.25	0.00	0.00
16.40	1.25	0.00	0.00	19.00	1.25	0.00	0.00
16.45	1.25	0.00	0.00	19.05	1.25	0.00	0.00
16.50	1.25	0.00	0.00	19.10	1.25	0.00	0.00
16.55	1.25	0.00	0.00	19.15	1.25	0.00	0.00
16.60	1.25	0.00	0.00	19.20	1.25	0.00	0.00
16.65	1.25	0.00	0.00	19.25	1.25	0.00	0.00
16.70	1.25	0.00	0.00	19.30	1.25	0.00	0.00
16.75	1.25	0.00	0.00	19.35	1.25	0.00	0.00
16.80	1.25	0.00	0.00	19.40	1.25	0.00	0.00
16.85	1.25	0.00	0.00	19.45	1.25	0.00	0.00
16.90	1.25	0.00	0.00	19.50	1.25	0.00	0.00
16.95	1.25	0.00	0.00	19.55	1.25	0.00	0.00
17.00	1.25	0.00	0.00	19.60	1.25	0.00	0.00
17.05	1.25	0.00	0.00	19.65	1.25	0.00	0.00
17.10	1.25	0.00	0.00	19.70	1.25	0.00	0.00
17.15	1.25	0.00	0.00	19.75	1.25	0.00	0.00
17.20	1.25	0.00	0.00	19.80	1.25	0.00	0.00
17.25	1.25	0.00	0.00	19.85	1.25	0.00	0.00
17.30	1.25	0.00	0.00	19.90	1.25	0.00	0.00
17.35	1.25	0.00	0.00	19.95	1.25	0.00	0.00
17.40	1.25	0.00	0.00	20.00	1.25	0.00	0.00
17.45	1.25	0.00	0.00	20.05	1.25	0.00	0.00
17.50	1.25	0.00	0.00	20.10	1.25	0.00	0.00
17.55	1.25	0.00	0.00	20.15	1.25	0.00	0.00
17.60	1.25	0.00	0.00	20.20	1.25	0.00	0.00
17.65	1.25	0.00	0.00	20.25	1.25	0.00	0.00
17.70	1.25	0.00	0.00	20.30	1.25	0.00	0.00
17.75	1.25	0.00	0.00	20.35	1.25	0.00	0.00
17.80	1.25	0.00	0.00	20.40	1.25	0.00	0.00
17.85	1.25	0.00	0.00	20.45	1.25	0.00	0.00
17.90	1.25	0.00	0.00	20.50	1.25	0.00	0.00
17.95	1.25	0.00	0.00	20.55	1.25	0.00	0.00
18.00	1.25	0.00	0.00	20.60	1.25	0.00	0.00
18.05	1.25	0.00	0.00	20.65	1.25	0.00	0.00
18.10	1.25	0.00	0.00	20.70	1.25	0.00	0.00
18.15	1.25	0.00	0.00	20.75	1.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.00	0.00	23.40	1.25	0.00	0.00
20.85	1.25	0.00	0.00	23.45	1.25	0.00	0.00
20.90	1.25	0.00	0.00	23.50	1.25	0.00	0.00
20.95	1.25	0.00	0.00	23.55	1.25	0.00	0.00
21.00	1.25	0.00	0.00	23.60	1.25	0.00	0.00
21.05	1.25	0.00	0.00	23.65	1.25	0.00	0.00
21.10	1.25	0.00	0.00	23.70	1.25	0.00	0.00
21.15	1.25	0.00	0.00	23.75	1.25	0.00	0.00
21.20	1.25	0.00	0.00	23.80	1.25	0.00	0.00
21.25	1.25	0.00	0.00	23.85	1.25	0.00	0.00
21.30	1.25	0.00	0.00	23.90	1.25	0.00	0.00
21.35	1.25	0.00	0.00	23.95	1.25	0.00	0.00
21.40	1.25	0.00	0.00	24.00	1.25	0.00	0.00
21.45	1.25	0.00	0.00	24.05	1.25	0.00	0.00
21.50	1.25	0.00	0.00	24.10	1.25	0.00	0.00
21.55	1.25	0.00	0.00	24.15	1.25	0.00	0.00
21.60	1.25	0.00	0.00	24.20	1.25	0.00	0.00
21.65	1.25	0.00	0.00	24.25	1.25	0.00	0.00
21.70	1.25	0.00	0.00	24.30	1.25	0.00	0.00
21.75	1.25	0.00	0.00	24.35	1.25	0.00	0.00
21.80	1.25	0.00	0.00	24.40	1.25	0.00	0.00
21.85	1.25	0.00	0.00	24.45	1.25	0.00	0.00
21.90	1.25	0.00	0.00	24.50	1.25	0.00	0.00
21.95	1.25	0.00	0.00	24.55	1.25	0.00	0.00
22.00	1.25	0.00	0.00	24.60	1.25	0.00	0.00
22.05	1.25	0.00	0.00	24.65	1.25	0.00	0.00
22.10	1.25	0.00	0.00	24.70	1.25	0.00	0.00
22.15	1.25	0.00	0.00	24.75	1.25	0.00	0.00
22.20	1.25	0.00	0.00	24.80	1.25	0.00	0.00
22.25	1.25	0.00	0.00	24.85	1.25	0.00	0.00
22.30	1.25	0.00	0.00	24.90	1.25	0.00	0.00
22.35	1.25	0.00	0.00	24.95	1.25	0.00	0.00
22.40	1.25	0.00	0.00	25.00	1.25	0.00	0.00
22.45	1.25	0.00	0.00	25.05	1.25	0.00	0.00
22.50	1.25	0.00	0.00	25.10	1.25	0.00	0.00
22.55	1.25	0.00	0.00	25.15	1.25	0.00	0.00
22.60	1.25	0.00	0.00	25.20	1.25	0.00	0.00
22.65	1.25	0.00	0.00	25.25	1.25	0.00	0.00
22.70	1.25	0.00	0.00	25.30	1.25	0.00	0.00
22.75	1.25	0.00	0.00	25.35	1.25	0.00	0.00
22.80	1.25	0.00	0.00	25.40	1.25	0.00	0.00
22.85	1.25	0.00	0.00	25.45	1.25	0.00	0.00
22.90	1.25	0.00	0.00	25.50	1.25	0.00	0.00
22.95	1.25	0.00	0.00	25.55	1.25	0.00	0.00
23.00	1.25	0.00	0.00	25.60	1.25	0.00	0.00
23.05	1.25	0.00	0.00	25.65	1.25	0.00	0.00
23.10	1.25	0.00	0.00	25.70	1.25	0.00	0.00
23.15	1.25	0.00	0.00	25.75	1.25	0.00	0.00
23.20	1.25	0.00	0.00	25.80	1.25	0.00	0.00
23.25	1.25	0.00	0.00	25.85	1.25	0.00	0.00
23.30	1.25	0.00	0.00	25.90	1.25	0.00	0.00
23.35	1.25	0.00	0.00	25.95	1.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.00	0.00	28.60	1.25	0.00	0.00
26.05	1.25	0.00	0.00	28.65	1.25	0.00	0.00
26.10	1.25	0.00	0.00	28.70	1.25	0.00	0.00
26.15	1.25	0.00	0.00	28.75	1.25	0.00	0.00
26.20	1.25	0.00	0.00	28.80	1.25	0.00	0.00
26.25	1.25	0.00	0.00	28.85	1.25	0.00	0.00
26.30	1.25	0.00	0.00	28.90	1.25	0.00	0.00
26.35	1.25	0.00	0.00	28.95	1.25	0.00	0.00
26.40	1.25	0.00	0.00	29.00	1.25	0.00	0.00
26.45	1.25	0.00	0.00	29.05	1.25	0.00	0.00
26.50	1.25	0.00	0.00	29.10	1.25	0.00	0.00
26.55	1.25	0.00	0.00	29.15	1.25	0.00	0.00
26.60	1.25	0.00	0.00	29.20	1.25	0.00	0.00
26.65	1.25	0.00	0.00	29.25	1.25	0.00	0.00
26.70	1.25	0.00	0.00	29.30	1.25	0.00	0.00
26.75	1.25	0.00	0.00	29.35	1.25	0.00	0.00
26.80	1.25	0.00	0.00	29.40	1.25	0.00	0.00
26.85	1.25	0.00	0.00	29.45	1.25	0.00	0.00
26.90	1.25	0.00	0.00	29.50	1.25	0.00	0.00
26.95	1.25	0.00	0.00	29.55	1.25	0.00	0.00
27.00	1.25	0.00	0.00	29.60	1.25	0.00	0.00
27.05	1.25	0.00	0.00	29.65	1.25	0.00	0.00
27.10	1.25	0.00	0.00	29.70	1.25	0.00	0.00
27.15	1.25	0.00	0.00	29.75	1.25	0.00	0.00
27.20	1.25	0.00	0.00	29.80	1.25	0.00	0.00
27.25	1.25	0.00	0.00	29.85	1.25	0.00	0.00
27.30	1.25	0.00	0.00	29.90	1.25	0.00	0.00
27.35	1.25	0.00	0.00	29.95	1.25	0.00	0.00
27.40	1.25	0.00	0.00	30.00	1.25	0.00	0.00
27.45	1.25	0.00	0.00	30.05	1.25	0.00	0.00
27.50	1.25	0.00	0.00	30.10	1.25	0.00	0.00
27.55	1.25	0.00	0.00	30.15	1.25	0.00	0.00
27.60	1.25	0.00	0.00	30.20	1.25	0.00	0.00
27.65	1.25	0.00	0.00	30.25	1.25	0.00	0.00
27.70	1.25	0.00	0.00	30.30	1.25	0.00	0.00
27.75	1.25	0.00	0.00	30.35	1.25	0.00	0.00
27.80	1.25	0.00	0.00	30.40	1.25	0.00	0.00
27.85	1.25	0.00	0.00	30.45	1.25	0.00	0.00
27.90	1.25	0.00	0.00	30.50	1.25	0.00	0.00
27.95	1.25	0.00	0.00	30.55	1.25	0.00	0.00
28.00	1.25	0.00	0.00	30.60	1.25	0.00	0.00
28.05	1.25	0.00	0.00	30.65	1.25	0.00	0.00
28.10	1.25	0.00	0.00	30.70	1.25	0.00	0.00
28.15	1.25	0.00	0.00	30.75	1.25	0.00	0.00
28.20	1.25	0.00	0.00	30.80	1.25	0.00	0.00
28.25	1.25	0.00	0.00	30.85	1.25	0.00	0.00
28.30	1.25	0.00	0.00	30.90	1.25	0.00	0.00
28.35	1.25	0.00	0.00	30.95	1.25	0.00	0.00
28.40	1.25	0.00	0.00	31.00	1.25	0.00	0.00
28.45	1.25	0.00	0.00	31.05	1.25	0.00	0.00
28.50	1.25	0.00	0.00	31.10	1.25	0.00	0.00
28.55	1.25	0.00	0.00	31.15	1.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.00	0.00	33.80	1.25	0.00	0.00
31.25	1.25	0.00	0.00	33.85	1.25	0.00	0.00
31.30	1.25	0.00	0.00	33.90	1.25	0.00	0.00
31.35	1.25	0.00	0.00	33.95	1.25	0.00	0.00
31.40	1.25	0.00	0.00	34.00	1.25	0.00	0.00
31.45	1.25	0.00	0.00	34.05	1.25	0.00	0.00
31.50	1.25	0.00	0.00	34.10	1.25	0.00	0.00
31.55	1.25	0.00	0.00	34.15	1.25	0.00	0.00
31.60	1.25	0.00	0.00	34.20	1.25	0.00	0.00
31.65	1.25	0.00	0.00	34.25	1.25	0.00	0.00
31.70	1.25	0.00	0.00	34.30	1.25	0.00	0.00
31.75	1.25	0.00	0.00	34.35	1.25	0.00	0.00
31.80	1.25	0.00	0.00	34.40	1.25	0.00	0.00
31.85	1.25	0.00	0.00	34.45	1.25	0.00	0.00
31.90	1.25	0.00	0.00	34.50	1.25	0.00	0.00
31.95	1.25	0.00	0.00	34.55	1.25	0.00	0.00
32.00	1.25	0.00	0.00	34.60	1.25	0.00	0.00
32.05	1.25	0.00	0.00	34.65	1.25	0.00	0.00
32.10	1.25	0.00	0.00	34.70	1.25	0.00	0.00
32.15	1.25	0.00	0.00	34.75	1.25	0.00	0.00
32.20	1.25	0.00	0.00	34.80	1.25	0.00	0.00
32.25	1.25	0.00	0.00	34.85	1.25	0.00	0.00
32.30	1.25	0.00	0.00	34.90	1.25	0.00	0.00
32.35	1.25	0.00	0.00	34.95	1.25	0.00	0.00
32.40	1.25	0.00	0.00	35.00	1.25	0.00	0.00
32.45	1.25	0.00	0.00	35.05	1.25	0.00	0.00
32.50	1.25	0.00	0.00	35.10	1.25	0.00	0.00
32.55	1.25	0.00	0.00	35.15	1.25	0.00	0.00
32.60	1.25	0.00	0.00	35.20	1.25	0.00	0.00
32.65	1.25	0.00	0.00	35.25	1.25	0.00	0.00
32.70	1.25	0.00	0.00	35.30	1.25	0.00	0.00
32.75	1.25	0.00	0.00	35.35	1.25	0.00	0.00
32.80	1.25	0.00	0.00	35.40	1.25	0.00	0.00
32.85	1.25	0.00	0.00	35.45	1.25	0.00	0.00
32.90	1.25	0.00	0.00	35.50	1.25	0.00	0.00
32.95	1.25	0.00	0.00	35.55	1.25	0.00	0.00
33.00	1.25	0.00	0.00	35.60	1.25	0.00	0.00
33.05	1.25	0.00	0.00	35.65	1.25	0.00	0.00
33.10	1.25	0.00	0.00	35.70	1.25	0.00	0.00
33.15	1.25	0.00	0.00	35.75	1.25	0.00	0.00
33.20	1.25	0.00	0.00	35.80	1.25	0.00	0.00
33.25	1.25	0.00	0.00	35.85	1.25	0.00	0.00
33.30	1.25	0.00	0.00	35.90	1.25	0.00	0.00
33.35	1.25	0.00	0.00	35.95	1.25	0.00	0.00
33.40	1.25	0.00	0.00	36.00	1.25	0.00	0.00
33.45	1.25	0.00	0.00	36.05	1.25	0.00	0.00
33.50	1.25	0.00	0.00	36.10	1.25	0.00	0.00
33.55	1.25	0.00	0.00	36.15	1.25	0.00	0.00
33.60	1.25	0.00	0.00	36.20	1.25	0.00	0.00
33.65	1.25	0.00	0.00	36.25	1.25	0.00	0.00
33.70	1.25	0.00	0.00	36.30	1.25	0.00	0.00
33.75	1.25	0.00	0.00	36.35	1.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.00	0.00	39.00	1.25	0.00	0.00
36.45	1.25	0.00	0.00	39.05	1.25	0.00	0.00
36.50	1.25	0.00	0.00	39.10	1.25	0.00	0.00
36.55	1.25	0.00	0.00	39.15	1.25	0.00	0.00
36.60	1.25	0.00	0.00	39.20	1.25	0.00	0.00
36.65	1.25	0.00	0.00	39.25	1.25	0.00	0.00
36.70	1.25	0.00	0.00	39.30	1.25	0.00	0.00
36.75	1.25	0.00	0.00	39.35	1.25	0.00	0.00
36.80	1.25	0.00	0.00	39.40	1.25	0.00	0.00
36.85	1.25	0.00	0.00	39.45	1.25	0.00	0.00
36.90	1.25	0.00	0.00	39.50	1.25	0.00	0.00
36.95	1.25	0.00	0.00	39.55	1.25	0.00	0.00
37.00	1.25	0.00	0.00	39.60	1.25	0.00	0.00
37.05	1.25	0.00	0.00	39.65	1.25	0.00	0.00
37.10	1.25	0.00	0.00	39.70	1.25	0.00	0.00
37.15	1.25	0.00	0.00	39.75	1.25	0.00	0.00
37.20	1.25	0.00	0.00	39.80	1.25	0.00	0.00
37.25	1.25	0.00	0.00	39.85	1.25	0.00	0.00
37.30	1.25	0.00	0.00	39.90	1.25	0.00	0.00
37.35	1.25	0.00	0.00	39.95	1.25	0.00	0.00
37.40	1.25	0.00	0.00	40.00	1.25	0.00	0.00
37.45	1.25	0.00	0.00				
37.50	1.25	0.00	0.00				
37.55	1.25	0.00	0.00				
37.60	1.25	0.00	0.00				
37.65	1.25	0.00	0.00				
37.70	1.25	0.00	0.00				
37.75	1.25	0.00	0.00				
37.80	1.25	0.00	0.00				
37.85	1.25	0.00	0.00				
37.90	1.25	0.00	0.00				
37.95	1.25	0.00	0.00				
38.00	1.25	0.00	0.00				
38.05	1.25	0.00	0.00				
38.10	1.25	0.00	0.00				
38.15	1.25	0.00	0.00				
38.20	1.25	0.00	0.00				
38.25	1.25	0.00	0.00				
38.30	1.25	0.00	0.00				
38.35	1.25	0.00	0.00				
38.40	1.25	0.00	0.00				
38.45	1.25	0.00	0.00				
38.50	1.25	0.00	0.00				
38.55	1.25	0.00	0.00				
38.60	1.25	0.00	0.00				
38.65	1.25	0.00	0.00				
38.70	1.25	0.00	0.00				
38.75	1.25	0.00	0.00				
38.80	1.25	0.00	0.00				
38.85	1.25	0.00	0.00				
38.90	1.25	0.00	0.00				
38.95	1.25	0.00	0.00				

Summary for Pond B-41: Basin #41

Inflow Area = 2.368 ac, 29.05% Impervious, Inflow Depth = 0.35" for WQ Storm event
 Inflow = 2.38 cfs @ 1.09 hrs, Volume= 0.070 af
 Outflow = 0.00 cfs @ 2.16 hrs, Volume= 0.000 af, Atten= 100%, Lag= 64.1 min
 Primary = 0.00 cfs @ 2.16 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.53' @ 2.16 hrs Surf.Area= 5,683 sf Storage= 3,032 cf

Plug-Flow detention time= 234.2 min calculated for 0.000 af (1% of inflow)
 Center-of-Mass det. time= 190.4 min (261.1 - 70.7)

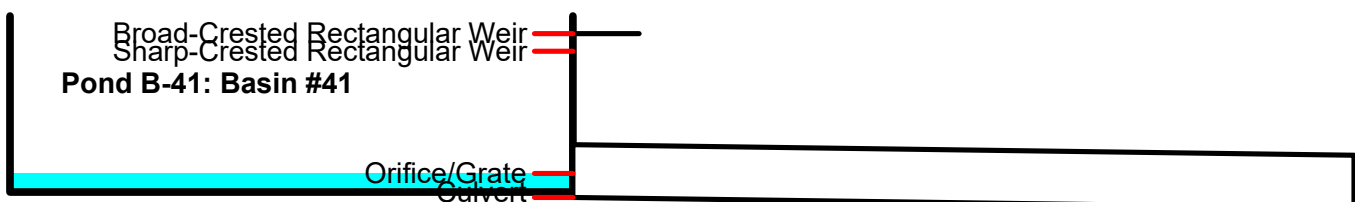
Volume	Invert	Avail.Storage	Storage Description
#1	182.00'	28,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
182.00	5,683	0	0
183.00	5,683	5,683	5,683
184.00	5,683	5,683	11,366
185.00	5,683	5,683	17,049
186.00	5,683	5,683	22,732
187.00	5,683	5,683	28,415

Device	Routing	Invert	Outlet Devices
#1	Primary	181.85'	18.0" Round Culvert L= 59.0' Ke= 0.500 Inlet / Outlet Invert= 181.85' / 181.55' S= 0.0051 ' S Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	182.53'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

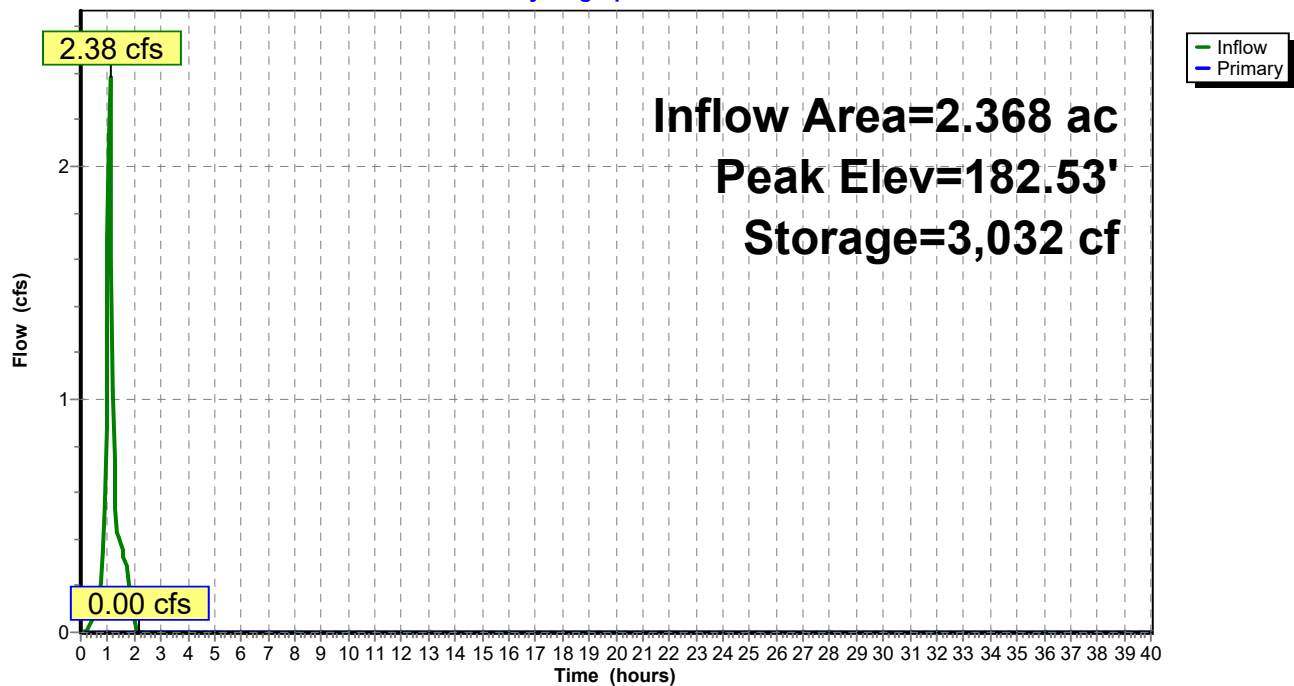
Primary OutFlow Max=0.00 cfs @ 2.16 hrs HW=182.53' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 1.68 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.19 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-41: Basin #41

Hydrograph



Hydrograph for Pond B-41: Basin #41

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	182.00	0.00
0.10	0.00	0	182.00	0.00
0.20	0.00	0	182.00	0.00
0.30	0.00	0	182.00	0.00
0.40	0.02	2	182.00	0.00
0.50	0.06	18	182.00	0.00
0.60	0.12	50	182.01	0.00
0.70	0.16	102	182.02	0.00
0.80	0.24	171	182.03	0.00
0.90	0.54	304	182.05	0.00
1.00	1.68	661	182.12	0.00
1.10	2.35	1,405	182.25	0.00
1.20	1.04	1,996	182.35	0.00
1.30	0.53	2,271	182.40	0.00
1.40	0.41	2,433	182.43	0.00
1.50	0.40	2,578	182.45	0.00
1.60	0.32	2,707	182.48	0.00
1.70	0.32	2,823	182.50	0.00
1.80	0.20	2,925	182.51	0.00
1.90	0.11	2,976	182.52	0.00
2.00	0.10	3,015	182.53	0.00
2.10	0.01	3,032	182.53	0.00
2.20	0.00	3,032	182.53	0.00
2.30	0.00	3,031	182.53	0.00
2.40	0.00	3,030	182.53	0.00
2.50	0.00	3,030	182.53	0.00
2.60	0.00	3,029	182.53	0.00
2.70	0.00	3,028	182.53	0.00
2.80	0.00	3,028	182.53	0.00
2.90	0.00	3,027	182.53	0.00
3.00	0.00	3,026	182.53	0.00
3.10	0.00	3,026	182.53	0.00
3.20	0.00	3,025	182.53	0.00
3.30	0.00	3,025	182.53	0.00
3.40	0.00	3,024	182.53	0.00
3.50	0.00	3,023	182.53	0.00
3.60	0.00	3,023	182.53	0.00
3.70	0.00	3,023	182.53	0.00
3.80	0.00	3,022	182.53	0.00
3.90	0.00	3,022	182.53	0.00
4.00	0.00	3,021	182.53	0.00
4.10	0.00	3,021	182.53	0.00
4.20	0.00	3,020	182.53	0.00
4.30	0.00	3,020	182.53	0.00
4.40	0.00	3,020	182.53	0.00
4.50	0.00	3,019	182.53	0.00
4.60	0.00	3,019	182.53	0.00
4.70	0.00	3,019	182.53	0.00
4.80	0.00	3,019	182.53	0.00
4.90	0.00	3,018	182.53	0.00
5.00	0.00	3,018	182.53	0.00
5.10	0.00	3,018	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,018	182.53	0.00
5.30	0.00	3,017	182.53	0.00
5.40	0.00	3,017	182.53	0.00
5.50	0.00	3,017	182.53	0.00
5.60	0.00	3,017	182.53	0.00
5.70	0.00	3,016	182.53	0.00
5.80	0.00	3,016	182.53	0.00
5.90	0.00	3,016	182.53	0.00
6.00	0.00	3,016	182.53	0.00
6.10	0.00	3,016	182.53	0.00
6.20	0.00	3,016	182.53	0.00
6.30	0.00	3,015	182.53	0.00
6.40	0.00	3,015	182.53	0.00
6.50	0.00	3,015	182.53	0.00
6.60	0.00	3,015	182.53	0.00
6.70	0.00	3,015	182.53	0.00
6.80	0.00	3,015	182.53	0.00
6.90	0.00	3,015	182.53	0.00
7.00	0.00	3,015	182.53	0.00
7.10	0.00	3,014	182.53	0.00
7.20	0.00	3,014	182.53	0.00
7.30	0.00	3,014	182.53	0.00
7.40	0.00	3,014	182.53	0.00
7.50	0.00	3,014	182.53	0.00
7.60	0.00	3,014	182.53	0.00
7.70	0.00	3,014	182.53	0.00
7.80	0.00	3,014	182.53	0.00
7.90	0.00	3,014	182.53	0.00
8.00	0.00	3,014	182.53	0.00
8.10	0.00	3,014	182.53	0.00
8.20	0.00	3,014	182.53	0.00
8.30	0.00	3,013	182.53	0.00
8.40	0.00	3,013	182.53	0.00
8.50	0.00	3,013	182.53	0.00
8.60	0.00	3,013	182.53	0.00
8.70	0.00	3,013	182.53	0.00
8.80	0.00	3,013	182.53	0.00
8.90	0.00	3,013	182.53	0.00
9.00	0.00	3,013	182.53	0.00
9.10	0.00	3,013	182.53	0.00
9.20	0.00	3,013	182.53	0.00
9.30	0.00	3,013	182.53	0.00
9.40	0.00	3,013	182.53	0.00
9.50	0.00	3,013	182.53	0.00
9.60	0.00	3,013	182.53	0.00
9.70	0.00	3,013	182.53	0.00
9.80	0.00	3,013	182.53	0.00
9.90	0.00	3,013	182.53	0.00
10.00	0.00	3,013	182.53	0.00
10.10	0.00	3,013	182.53	0.00
10.20	0.00	3,013	182.53	0.00
10.30	0.00	3,013	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,013	182.53	0.00
10.50	0.00	3,013	182.53	0.00
10.60	0.00	3,013	182.53	0.00
10.70	0.00	3,013	182.53	0.00
10.80	0.00	3,012	182.53	0.00
10.90	0.00	3,012	182.53	0.00
11.00	0.00	3,012	182.53	0.00
11.10	0.00	3,012	182.53	0.00
11.20	0.00	3,012	182.53	0.00
11.30	0.00	3,012	182.53	0.00
11.40	0.00	3,012	182.53	0.00
11.50	0.00	3,012	182.53	0.00
11.60	0.00	3,012	182.53	0.00
11.70	0.00	3,012	182.53	0.00
11.80	0.00	3,012	182.53	0.00
11.90	0.00	3,012	182.53	0.00
12.00	0.00	3,012	182.53	0.00
12.10	0.00	3,012	182.53	0.00
12.20	0.00	3,012	182.53	0.00
12.30	0.00	3,012	182.53	0.00
12.40	0.00	3,012	182.53	0.00
12.50	0.00	3,012	182.53	0.00
12.60	0.00	3,012	182.53	0.00
12.70	0.00	3,012	182.53	0.00
12.80	0.00	3,012	182.53	0.00
12.90	0.00	3,012	182.53	0.00
13.00	0.00	3,012	182.53	0.00
13.10	0.00	3,012	182.53	0.00
13.20	0.00	3,012	182.53	0.00
13.30	0.00	3,012	182.53	0.00
13.40	0.00	3,012	182.53	0.00
13.50	0.00	3,012	182.53	0.00
13.60	0.00	3,012	182.53	0.00
13.70	0.00	3,012	182.53	0.00
13.80	0.00	3,012	182.53	0.00
13.90	0.00	3,012	182.53	0.00
14.00	0.00	3,012	182.53	0.00
14.10	0.00	3,012	182.53	0.00
14.20	0.00	3,012	182.53	0.00
14.30	0.00	3,012	182.53	0.00
14.40	0.00	3,012	182.53	0.00
14.50	0.00	3,012	182.53	0.00
14.60	0.00	3,012	182.53	0.00
14.70	0.00	3,012	182.53	0.00
14.80	0.00	3,012	182.53	0.00
14.90	0.00	3,012	182.53	0.00
15.00	0.00	3,012	182.53	0.00
15.10	0.00	3,012	182.53	0.00
15.20	0.00	3,012	182.53	0.00
15.30	0.00	3,012	182.53	0.00
15.40	0.00	3,012	182.53	0.00
15.50	0.00	3,012	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,012	182.53	0.00
15.70	0.00	3,012	182.53	0.00
15.80	0.00	3,012	182.53	0.00
15.90	0.00	3,012	182.53	0.00
16.00	0.00	3,012	182.53	0.00
16.10	0.00	3,012	182.53	0.00
16.20	0.00	3,012	182.53	0.00
16.30	0.00	3,012	182.53	0.00
16.40	0.00	3,012	182.53	0.00
16.50	0.00	3,012	182.53	0.00
16.60	0.00	3,012	182.53	0.00
16.70	0.00	3,012	182.53	0.00
16.80	0.00	3,012	182.53	0.00
16.90	0.00	3,012	182.53	0.00
17.00	0.00	3,012	182.53	0.00
17.10	0.00	3,012	182.53	0.00
17.20	0.00	3,012	182.53	0.00
17.30	0.00	3,012	182.53	0.00
17.40	0.00	3,012	182.53	0.00
17.50	0.00	3,012	182.53	0.00
17.60	0.00	3,012	182.53	0.00
17.70	0.00	3,012	182.53	0.00
17.80	0.00	3,012	182.53	0.00
17.90	0.00	3,012	182.53	0.00
18.00	0.00	3,012	182.53	0.00
18.10	0.00	3,012	182.53	0.00
18.20	0.00	3,012	182.53	0.00
18.30	0.00	3,012	182.53	0.00
18.40	0.00	3,012	182.53	0.00
18.50	0.00	3,012	182.53	0.00
18.60	0.00	3,012	182.53	0.00
18.70	0.00	3,012	182.53	0.00
18.80	0.00	3,012	182.53	0.00
18.90	0.00	3,012	182.53	0.00
19.00	0.00	3,012	182.53	0.00
19.10	0.00	3,012	182.53	0.00
19.20	0.00	3,012	182.53	0.00
19.30	0.00	3,012	182.53	0.00
19.40	0.00	3,012	182.53	0.00
19.50	0.00	3,012	182.53	0.00
19.60	0.00	3,012	182.53	0.00
19.70	0.00	3,012	182.53	0.00
19.80	0.00	3,012	182.53	0.00
19.90	0.00	3,012	182.53	0.00
20.00	0.00	3,012	182.53	0.00
20.10	0.00	3,012	182.53	0.00
20.20	0.00	3,012	182.53	0.00
20.30	0.00	3,012	182.53	0.00
20.40	0.00	3,012	182.53	0.00
20.50	0.00	3,012	182.53	0.00
20.60	0.00	3,012	182.53	0.00
20.70	0.00	3,012	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,012	182.53	0.00
20.90	0.00	3,012	182.53	0.00
21.00	0.00	3,012	182.53	0.00
21.10	0.00	3,012	182.53	0.00
21.20	0.00	3,012	182.53	0.00
21.30	0.00	3,012	182.53	0.00
21.40	0.00	3,012	182.53	0.00
21.50	0.00	3,012	182.53	0.00
21.60	0.00	3,012	182.53	0.00
21.70	0.00	3,012	182.53	0.00
21.80	0.00	3,012	182.53	0.00
21.90	0.00	3,012	182.53	0.00
22.00	0.00	3,012	182.53	0.00
22.10	0.00	3,012	182.53	0.00
22.20	0.00	3,012	182.53	0.00
22.30	0.00	3,012	182.53	0.00
22.40	0.00	3,012	182.53	0.00
22.50	0.00	3,012	182.53	0.00
22.60	0.00	3,012	182.53	0.00
22.70	0.00	3,012	182.53	0.00
22.80	0.00	3,012	182.53	0.00
22.90	0.00	3,012	182.53	0.00
23.00	0.00	3,012	182.53	0.00
23.10	0.00	3,012	182.53	0.00
23.20	0.00	3,012	182.53	0.00
23.30	0.00	3,012	182.53	0.00
23.40	0.00	3,012	182.53	0.00
23.50	0.00	3,012	182.53	0.00
23.60	0.00	3,012	182.53	0.00
23.70	0.00	3,012	182.53	0.00
23.80	0.00	3,012	182.53	0.00
23.90	0.00	3,012	182.53	0.00
24.00	0.00	3,012	182.53	0.00
24.10	0.00	3,012	182.53	0.00
24.20	0.00	3,012	182.53	0.00
24.30	0.00	3,012	182.53	0.00
24.40	0.00	3,012	182.53	0.00
24.50	0.00	3,012	182.53	0.00
24.60	0.00	3,012	182.53	0.00
24.70	0.00	3,012	182.53	0.00
24.80	0.00	3,012	182.53	0.00
24.90	0.00	3,012	182.53	0.00
25.00	0.00	3,012	182.53	0.00
25.10	0.00	3,012	182.53	0.00
25.20	0.00	3,012	182.53	0.00
25.30	0.00	3,012	182.53	0.00
25.40	0.00	3,012	182.53	0.00
25.50	0.00	3,012	182.53	0.00
25.60	0.00	3,012	182.53	0.00
25.70	0.00	3,012	182.53	0.00
25.80	0.00	3,012	182.53	0.00
25.90	0.00	3,012	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,012	182.53	0.00
26.10	0.00	3,012	182.53	0.00
26.20	0.00	3,012	182.53	0.00
26.30	0.00	3,012	182.53	0.00
26.40	0.00	3,012	182.53	0.00
26.50	0.00	3,012	182.53	0.00
26.60	0.00	3,012	182.53	0.00
26.70	0.00	3,012	182.53	0.00
26.80	0.00	3,012	182.53	0.00
26.90	0.00	3,012	182.53	0.00
27.00	0.00	3,012	182.53	0.00
27.10	0.00	3,012	182.53	0.00
27.20	0.00	3,012	182.53	0.00
27.30	0.00	3,012	182.53	0.00
27.40	0.00	3,012	182.53	0.00
27.50	0.00	3,012	182.53	0.00
27.60	0.00	3,012	182.53	0.00
27.70	0.00	3,012	182.53	0.00
27.80	0.00	3,012	182.53	0.00
27.90	0.00	3,012	182.53	0.00
28.00	0.00	3,012	182.53	0.00
28.10	0.00	3,012	182.53	0.00
28.20	0.00	3,012	182.53	0.00
28.30	0.00	3,012	182.53	0.00
28.40	0.00	3,012	182.53	0.00
28.50	0.00	3,012	182.53	0.00
28.60	0.00	3,012	182.53	0.00
28.70	0.00	3,012	182.53	0.00
28.80	0.00	3,012	182.53	0.00
28.90	0.00	3,012	182.53	0.00
29.00	0.00	3,012	182.53	0.00
29.10	0.00	3,012	182.53	0.00
29.20	0.00	3,012	182.53	0.00
29.30	0.00	3,012	182.53	0.00
29.40	0.00	3,012	182.53	0.00
29.50	0.00	3,012	182.53	0.00
29.60	0.00	3,012	182.53	0.00
29.70	0.00	3,012	182.53	0.00
29.80	0.00	3,012	182.53	0.00
29.90	0.00	3,012	182.53	0.00
30.00	0.00	3,012	182.53	0.00
30.10	0.00	3,012	182.53	0.00
30.20	0.00	3,012	182.53	0.00
30.30	0.00	3,012	182.53	0.00
30.40	0.00	3,012	182.53	0.00
30.50	0.00	3,012	182.53	0.00
30.60	0.00	3,012	182.53	0.00
30.70	0.00	3,012	182.53	0.00
30.80	0.00	3,012	182.53	0.00
30.90	0.00	3,012	182.53	0.00
31.00	0.00	3,012	182.53	0.00
31.10	0.00	3,012	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,012	182.53	0.00
31.30	0.00	3,012	182.53	0.00
31.40	0.00	3,012	182.53	0.00
31.50	0.00	3,012	182.53	0.00
31.60	0.00	3,012	182.53	0.00
31.70	0.00	3,012	182.53	0.00
31.80	0.00	3,012	182.53	0.00
31.90	0.00	3,012	182.53	0.00
32.00	0.00	3,012	182.53	0.00
32.10	0.00	3,012	182.53	0.00
32.20	0.00	3,012	182.53	0.00
32.30	0.00	3,012	182.53	0.00
32.40	0.00	3,012	182.53	0.00
32.50	0.00	3,012	182.53	0.00
32.60	0.00	3,012	182.53	0.00
32.70	0.00	3,012	182.53	0.00
32.80	0.00	3,012	182.53	0.00
32.90	0.00	3,012	182.53	0.00
33.00	0.00	3,012	182.53	0.00
33.10	0.00	3,012	182.53	0.00
33.20	0.00	3,012	182.53	0.00
33.30	0.00	3,012	182.53	0.00
33.40	0.00	3,012	182.53	0.00
33.50	0.00	3,012	182.53	0.00
33.60	0.00	3,012	182.53	0.00
33.70	0.00	3,012	182.53	0.00
33.80	0.00	3,012	182.53	0.00
33.90	0.00	3,012	182.53	0.00
34.00	0.00	3,012	182.53	0.00
34.10	0.00	3,012	182.53	0.00
34.20	0.00	3,012	182.53	0.00
34.30	0.00	3,012	182.53	0.00
34.40	0.00	3,012	182.53	0.00
34.50	0.00	3,012	182.53	0.00
34.60	0.00	3,012	182.53	0.00
34.70	0.00	3,012	182.53	0.00
34.80	0.00	3,012	182.53	0.00
34.90	0.00	3,012	182.53	0.00
35.00	0.00	3,012	182.53	0.00
35.10	0.00	3,012	182.53	0.00
35.20	0.00	3,012	182.53	0.00
35.30	0.00	3,012	182.53	0.00
35.40	0.00	3,012	182.53	0.00
35.50	0.00	3,012	182.53	0.00
35.60	0.00	3,012	182.53	0.00
35.70	0.00	3,012	182.53	0.00
35.80	0.00	3,012	182.53	0.00
35.90	0.00	3,012	182.53	0.00
36.00	0.00	3,012	182.53	0.00
36.10	0.00	3,012	182.53	0.00
36.20	0.00	3,012	182.53	0.00
36.30	0.00	3,012	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,012	182.53	0.00
36.50	0.00	3,012	182.53	0.00
36.60	0.00	3,012	182.53	0.00
36.70	0.00	3,012	182.53	0.00
36.80	0.00	3,012	182.53	0.00
36.90	0.00	3,012	182.53	0.00
37.00	0.00	3,012	182.53	0.00
37.10	0.00	3,012	182.53	0.00
37.20	0.00	3,012	182.53	0.00
37.30	0.00	3,012	182.53	0.00
37.40	0.00	3,012	182.53	0.00
37.50	0.00	3,012	182.53	0.00
37.60	0.00	3,012	182.53	0.00
37.70	0.00	3,012	182.53	0.00
37.80	0.00	3,012	182.53	0.00
37.90	0.00	3,012	182.53	0.00
38.00	0.00	3,012	182.53	0.00
38.10	0.00	3,012	182.53	0.00
38.20	0.00	3,012	182.53	0.00
38.30	0.00	3,012	182.53	0.00
38.40	0.00	3,012	182.53	0.00
38.50	0.00	3,012	182.53	0.00
38.60	0.00	3,012	182.53	0.00
38.70	0.00	3,012	182.53	0.00
38.80	0.00	3,012	182.53	0.00
38.90	0.00	3,012	182.53	0.00
39.00	0.00	3,012	182.53	0.00
39.10	0.00	3,012	182.53	0.00
39.20	0.00	3,012	182.53	0.00
39.30	0.00	3,012	182.53	0.00
39.40	0.00	3,012	182.53	0.00
39.50	0.00	3,012	182.53	0.00
39.60	0.00	3,012	182.53	0.00
39.70	0.00	3,012	182.53	0.00
39.80	0.00	3,012	182.53	0.00
39.90	0.00	3,012	182.53	0.00
40.00	0.00	3,012	182.53	0.00

Stage-Discharge for Pond B-41: Basin #41

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.00	0.00	182.52	0.00	183.04	1.75	183.56	3.18
182.01	0.00	182.53	0.00	183.05	1.79	183.57	3.20
182.02	0.00	182.54	0.00	183.06	1.83	183.58	3.22
182.03	0.00	182.55	0.01	183.07	1.87	183.59	3.24
182.04	0.00	182.56	0.03	183.08	1.91	183.60	3.26
182.05	0.00	182.57	0.04	183.09	1.95	183.61	3.28
182.06	0.00	182.58	0.05	183.10	1.98	183.62	3.30
182.07	0.00	182.59	0.07	183.11	2.02	183.63	3.32
182.08	0.00	182.60	0.09	183.12	2.05	183.64	3.34
182.09	0.00	182.61	0.11	183.13	2.09	183.65	3.36
182.10	0.00	182.62	0.13	183.14	2.12	183.66	3.38
182.11	0.00	182.63	0.15	183.15	2.15	183.67	3.40
182.12	0.00	182.64	0.18	183.16	2.18	183.68	3.41
182.13	0.00	182.65	0.20	183.17	2.21	183.69	3.43
182.14	0.00	182.66	0.23	183.18	2.24	183.70	3.45
182.15	0.00	182.67	0.25	183.19	2.27	183.71	3.47
182.16	0.00	182.68	0.28	183.20	2.30	183.72	3.49
182.17	0.00	182.69	0.31	183.21	2.33	183.73	3.51
182.18	0.00	182.70	0.34	183.22	2.36	183.74	3.53
182.19	0.00	182.71	0.37	183.23	2.39	183.75	3.55
182.20	0.00	182.72	0.40	183.24	2.42	183.76	3.57
182.21	0.00	182.73	0.43	183.25	2.44	183.77	3.58
182.22	0.00	182.74	0.46	183.26	2.47	183.78	3.60
182.23	0.00	182.75	0.50	183.27	2.50	183.79	3.62
182.24	0.00	182.76	0.53	183.28	2.53	183.80	3.64
182.25	0.00	182.77	0.57	183.29	2.55	183.81	3.66
182.26	0.00	182.78	0.60	183.30	2.58	183.82	3.67
182.27	0.00	182.79	0.64	183.31	2.60	183.83	3.69
182.28	0.00	182.80	0.68	183.32	2.63	183.84	3.71
182.29	0.00	182.81	0.71	183.33	2.65	183.85	3.73
182.30	0.00	182.82	0.75	183.34	2.68	183.86	3.74
182.31	0.00	182.83	0.79	183.35	2.70	183.87	3.76
182.32	0.00	182.84	0.83	183.36	2.73	183.88	3.78
182.33	0.00	182.85	0.87	183.37	2.75	183.89	3.80
182.34	0.00	182.86	0.91	183.38	2.78	183.90	3.81
182.35	0.00	182.87	0.95	183.39	2.80	183.91	3.83
182.36	0.00	182.88	1.00	183.40	2.82	183.92	3.85
182.37	0.00	182.89	1.04	183.41	2.85	183.93	3.86
182.38	0.00	182.90	1.08	183.42	2.87	183.94	3.88
182.39	0.00	182.91	1.13	183.43	2.89	183.95	3.90
182.40	0.00	182.92	1.17	183.44	2.92	183.96	3.92
182.41	0.00	182.93	1.22	183.45	2.94	183.97	3.93
182.42	0.00	182.94	1.26	183.46	2.96	183.98	3.95
182.43	0.00	182.95	1.31	183.47	2.98	183.99	3.97
182.44	0.00	182.96	1.36	183.48	3.00	184.00	3.98
182.45	0.00	182.97	1.41	183.49	3.03	184.01	4.00
182.46	0.00	182.98	1.45	183.50	3.05	184.02	4.01
182.47	0.00	182.99	1.50	183.51	3.07	184.03	4.03
182.48	0.00	183.00	1.55	183.52	3.09	184.04	4.05
182.49	0.00	183.01	1.60	183.53	3.11	184.05	4.06
182.50	0.00	183.02	1.65	183.54	3.13	184.06	4.08
182.51	0.00	183.03	1.70	183.55	3.15	184.07	4.10

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.08	4.11	184.60	4.87	185.12	5.52	185.64	6.11
184.09	4.13	184.61	4.88	185.13	5.53	185.65	6.12
184.10	4.14	184.62	4.89	185.14	5.55	185.66	6.13
184.11	4.16	184.63	4.91	185.15	5.56	185.67	6.14
184.12	4.17	184.64	4.92	185.16	5.57	185.68	6.15
184.13	4.19	184.65	4.93	185.17	5.58	185.69	6.16
184.14	4.21	184.66	4.95	185.18	5.59	185.70	6.17
184.15	4.22	184.67	4.96	185.19	5.60	185.71	6.18
184.16	4.24	184.68	4.97	185.20	5.62	185.72	6.19
184.17	4.25	184.69	4.99	185.21	5.63	185.73	6.20
184.18	4.27	184.70	5.00	185.22	5.64	185.74	6.21
184.19	4.28	184.71	5.01	185.23	5.65	185.75	6.22
184.20	4.30	184.72	5.03	185.24	5.66	185.76	6.23
184.21	4.31	184.73	5.04	185.25	5.67	185.77	6.24
184.22	4.33	184.74	5.05	185.26	5.68	185.78	6.25
184.23	4.34	184.75	5.07	185.27	5.70	185.79	6.26
184.24	4.36	184.76	5.08	185.28	5.71	185.80	6.27
184.25	4.37	184.77	5.09	185.29	5.72	185.81	6.28
184.26	4.39	184.78	5.10	185.30	5.73	185.82	6.29
184.27	4.40	184.79	5.12	185.31	5.74	185.83	6.30
184.28	4.42	184.80	5.13	185.32	5.75	185.84	6.32
184.29	4.43	184.81	5.14	185.33	5.76	185.85	6.33
184.30	4.45	184.82	5.15	185.34	5.78	185.86	6.34
184.31	4.46	184.83	5.17	185.35	5.79	185.87	6.35
184.32	4.48	184.84	5.18	185.36	5.80	185.88	6.36
184.33	4.49	184.85	5.19	185.37	5.81	185.89	6.37
184.34	4.51	184.86	5.21	185.38	5.82	185.90	6.38
184.35	4.52	184.87	5.22	185.39	5.83	185.91	6.39
184.36	4.53	184.88	5.23	185.40	5.84	185.92	6.40
184.37	4.55	184.89	5.24	185.41	5.85	185.93	6.41
184.38	4.56	184.90	5.25	185.42	5.87	185.94	6.42
184.39	4.58	184.91	5.27	185.43	5.88	185.95	6.43
184.40	4.59	184.92	5.28	185.44	5.89	185.96	6.44
184.41	4.61	184.93	5.29	185.45	5.90	185.97	6.45
184.42	4.62	184.94	5.30	185.46	5.91	185.98	6.46
184.43	4.63	184.95	5.32	185.47	5.92	185.99	6.47
184.44	4.65	184.96	5.33	185.48	5.93	186.00	6.48
184.45	4.66	184.97	5.34	185.49	5.94	186.01	6.50
184.46	4.68	184.98	5.35	185.50	5.95	186.02	6.54
184.47	4.69	184.99	5.37	185.51	5.96	186.03	6.58
184.48	4.70	185.00	5.38	185.52	5.98	186.04	6.62
184.49	4.72	185.01	5.39	185.53	5.99	186.05	6.67
184.50	4.73	185.02	5.40	185.54	6.00	186.06	6.73
184.51	4.75	185.03	5.41	185.55	6.01	186.07	6.79
184.52	4.76	185.04	5.43	185.56	6.02	186.08	6.85
184.53	4.77	185.05	5.44	185.57	6.03	186.09	6.92
184.54	4.79	185.06	5.45	185.58	6.04	186.10	6.99
184.55	4.80	185.07	5.46	185.59	6.05	186.11	7.06
184.56	4.81	185.08	5.47	185.60	6.06	186.12	7.14
184.57	4.83	185.09	5.49	185.61	6.07	186.13	7.22
184.58	4.84	185.10	5.50	185.62	6.08	186.14	7.30
184.59	4.85	185.11	5.51	185.63	6.09	186.15	7.38

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.16	7.47	186.68	23.23
186.17	7.56	186.69	24.16
186.18	7.65	186.70	25.11
186.19	7.74	186.71	26.12
186.20	7.84	186.72	27.15
186.21	7.93	186.73	28.22
186.22	8.03	186.74	29.31
186.23	8.13	186.75	30.42
186.24	8.24	186.76	31.57
186.25	8.34	186.77	32.74
186.26	8.45	186.78	33.93
186.27	8.56	186.79	35.15
186.28	8.67	186.80	36.39
186.29	8.78	186.81	37.66
186.30	8.89	186.82	38.96
186.31	9.01	186.83	40.28
186.32	9.12	186.84	41.62
186.33	9.24	186.85	43.00
186.34	9.36	186.86	44.35
186.35	9.48	186.87	45.62
186.36	9.61	186.88	46.91
186.37	9.73	186.89	48.22
186.38	9.86	186.90	49.56
186.39	9.98	186.91	50.95
186.40	10.11	186.92	52.36
186.41	10.24	186.93	53.80
186.42	10.37	186.94	55.27
186.43	10.51	186.95	56.76
186.44	10.64	186.96	58.28
186.45	10.78	186.97	59.82
186.46	10.91	186.98	61.39
186.47	11.05	186.99	62.99
186.48	11.19	187.00	64.62
186.49	11.33		
186.50	11.47		
186.51	11.73		
186.52	12.09		
186.53	12.51		
186.54	12.99		
186.55	13.51		
186.56	14.07		
186.57	14.67		
186.58	15.31		
186.59	15.97		
186.60	16.67		
186.61	17.40		
186.62	18.15		
186.63	18.94		
186.64	19.75		
186.65	20.58		
186.66	21.44		
186.67	22.32		

Stage-Area-Storage for Pond B-41: Basin #41

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.00	5,683	0	182.52	5,683	2,955
182.01	5,683	57	182.53	5,683	3,012
182.02	5,683	114	182.54	5,683	3,069
182.03	5,683	170	182.55	5,683	3,126
182.04	5,683	227	182.56	5,683	3,182
182.05	5,683	284	182.57	5,683	3,239
182.06	5,683	341	182.58	5,683	3,296
182.07	5,683	398	182.59	5,683	3,353
182.08	5,683	455	182.60	5,683	3,410
182.09	5,683	511	182.61	5,683	3,467
182.10	5,683	568	182.62	5,683	3,523
182.11	5,683	625	182.63	5,683	3,580
182.12	5,683	682	182.64	5,683	3,637
182.13	5,683	739	182.65	5,683	3,694
182.14	5,683	796	182.66	5,683	3,751
182.15	5,683	852	182.67	5,683	3,808
182.16	5,683	909	182.68	5,683	3,864
182.17	5,683	966	182.69	5,683	3,921
182.18	5,683	1,023	182.70	5,683	3,978
182.19	5,683	1,080	182.71	5,683	4,035
182.20	5,683	1,137	182.72	5,683	4,092
182.21	5,683	1,193	182.73	5,683	4,149
182.22	5,683	1,250	182.74	5,683	4,205
182.23	5,683	1,307	182.75	5,683	4,262
182.24	5,683	1,364	182.76	5,683	4,319
182.25	5,683	1,421	182.77	5,683	4,376
182.26	5,683	1,478	182.78	5,683	4,433
182.27	5,683	1,534	182.79	5,683	4,490
182.28	5,683	1,591	182.80	5,683	4,546
182.29	5,683	1,648	182.81	5,683	4,603
182.30	5,683	1,705	182.82	5,683	4,660
182.31	5,683	1,762	182.83	5,683	4,717
182.32	5,683	1,819	182.84	5,683	4,774
182.33	5,683	1,875	182.85	5,683	4,831
182.34	5,683	1,932	182.86	5,683	4,887
182.35	5,683	1,989	182.87	5,683	4,944
182.36	5,683	2,046	182.88	5,683	5,001
182.37	5,683	2,103	182.89	5,683	5,058
182.38	5,683	2,160	182.90	5,683	5,115
182.39	5,683	2,216	182.91	5,683	5,172
182.40	5,683	2,273	182.92	5,683	5,228
182.41	5,683	2,330	182.93	5,683	5,285
182.42	5,683	2,387	182.94	5,683	5,342
182.43	5,683	2,444	182.95	5,683	5,399
182.44	5,683	2,501	182.96	5,683	5,456
182.45	5,683	2,557	182.97	5,683	5,513
182.46	5,683	2,614	182.98	5,683	5,569
182.47	5,683	2,671	182.99	5,683	5,626
182.48	5,683	2,728	183.00	5,683	5,683
182.49	5,683	2,785	183.01	5,683	5,740
182.50	5,683	2,842	183.02	5,683	5,797
182.51	5,683	2,898	183.03	5,683	5,853

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.04	5,683	5,910	183.56	5,683	8,865
183.05	5,683	5,967	183.57	5,683	8,922
183.06	5,683	6,024	183.58	5,683	8,979
183.07	5,683	6,081	183.59	5,683	9,036
183.08	5,683	6,138	183.60	5,683	9,093
183.09	5,683	6,194	183.61	5,683	9,150
183.10	5,683	6,251	183.62	5,683	9,206
183.11	5,683	6,308	183.63	5,683	9,263
183.12	5,683	6,365	183.64	5,683	9,320
183.13	5,683	6,422	183.65	5,683	9,377
183.14	5,683	6,479	183.66	5,683	9,434
183.15	5,683	6,535	183.67	5,683	9,491
183.16	5,683	6,592	183.68	5,683	9,547
183.17	5,683	6,649	183.69	5,683	9,604
183.18	5,683	6,706	183.70	5,683	9,661
183.19	5,683	6,763	183.71	5,683	9,718
183.20	5,683	6,820	183.72	5,683	9,775
183.21	5,683	6,876	183.73	5,683	9,832
183.22	5,683	6,933	183.74	5,683	9,888
183.23	5,683	6,990	183.75	5,683	9,945
183.24	5,683	7,047	183.76	5,683	10,002
183.25	5,683	7,104	183.77	5,683	10,059
183.26	5,683	7,161	183.78	5,683	10,116
183.27	5,683	7,217	183.79	5,683	10,173
183.28	5,683	7,274	183.80	5,683	10,229
183.29	5,683	7,331	183.81	5,683	10,286
183.30	5,683	7,388	183.82	5,683	10,343
183.31	5,683	7,445	183.83	5,683	10,400
183.32	5,683	7,502	183.84	5,683	10,457
183.33	5,683	7,558	183.85	5,683	10,514
183.34	5,683	7,615	183.86	5,683	10,570
183.35	5,683	7,672	183.87	5,683	10,627
183.36	5,683	7,729	183.88	5,683	10,684
183.37	5,683	7,786	183.89	5,683	10,741
183.38	5,683	7,843	183.90	5,683	10,798
183.39	5,683	7,899	183.91	5,683	10,855
183.40	5,683	7,956	183.92	5,683	10,911
183.41	5,683	8,013	183.93	5,683	10,968
183.42	5,683	8,070	183.94	5,683	11,025
183.43	5,683	8,127	183.95	5,683	11,082
183.44	5,683	8,184	183.96	5,683	11,139
183.45	5,683	8,240	183.97	5,683	11,196
183.46	5,683	8,297	183.98	5,683	11,252
183.47	5,683	8,354	183.99	5,683	11,309
183.48	5,683	8,411	184.00	5,683	11,366
183.49	5,683	8,468	184.01	5,683	11,423
183.50	5,683	8,525	184.02	5,683	11,480
183.51	5,683	8,581	184.03	5,683	11,536
183.52	5,683	8,638	184.04	5,683	11,593
183.53	5,683	8,695	184.05	5,683	11,650
183.54	5,683	8,752	184.06	5,683	11,707
183.55	5,683	8,809	184.07	5,683	11,764

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.08	5,683	11,821	184.60	5,683	14,776
184.09	5,683	11,877	184.61	5,683	14,833
184.10	5,683	11,934	184.62	5,683	14,889
184.11	5,683	11,991	184.63	5,683	14,946
184.12	5,683	12,048	184.64	5,683	15,003
184.13	5,683	12,105	184.65	5,683	15,060
184.14	5,683	12,162	184.66	5,683	15,117
184.15	5,683	12,218	184.67	5,683	15,174
184.16	5,683	12,275	184.68	5,683	15,230
184.17	5,683	12,332	184.69	5,683	15,287
184.18	5,683	12,389	184.70	5,683	15,344
184.19	5,683	12,446	184.71	5,683	15,401
184.20	5,683	12,503	184.72	5,683	15,458
184.21	5,683	12,559	184.73	5,683	15,515
184.22	5,683	12,616	184.74	5,683	15,571
184.23	5,683	12,673	184.75	5,683	15,628
184.24	5,683	12,730	184.76	5,683	15,685
184.25	5,683	12,787	184.77	5,683	15,742
184.26	5,683	12,844	184.78	5,683	15,799
184.27	5,683	12,900	184.79	5,683	15,856
184.28	5,683	12,957	184.80	5,683	15,912
184.29	5,683	13,014	184.81	5,683	15,969
184.30	5,683	13,071	184.82	5,683	16,026
184.31	5,683	13,128	184.83	5,683	16,083
184.32	5,683	13,185	184.84	5,683	16,140
184.33	5,683	13,241	184.85	5,683	16,197
184.34	5,683	13,298	184.86	5,683	16,253
184.35	5,683	13,355	184.87	5,683	16,310
184.36	5,683	13,412	184.88	5,683	16,367
184.37	5,683	13,469	184.89	5,683	16,424
184.38	5,683	13,526	184.90	5,683	16,481
184.39	5,683	13,582	184.91	5,683	16,538
184.40	5,683	13,639	184.92	5,683	16,594
184.41	5,683	13,696	184.93	5,683	16,651
184.42	5,683	13,753	184.94	5,683	16,708
184.43	5,683	13,810	184.95	5,683	16,765
184.44	5,683	13,867	184.96	5,683	16,822
184.45	5,683	13,923	184.97	5,683	16,879
184.46	5,683	13,980	184.98	5,683	16,935
184.47	5,683	14,037	184.99	5,683	16,992
184.48	5,683	14,094	185.00	5,683	17,049
184.49	5,683	14,151	185.01	5,683	17,106
184.50	5,683	14,208	185.02	5,683	17,163
184.51	5,683	14,264	185.03	5,683	17,219
184.52	5,683	14,321	185.04	5,683	17,276
184.53	5,683	14,378	185.05	5,683	17,333
184.54	5,683	14,435	185.06	5,683	17,390
184.55	5,683	14,492	185.07	5,683	17,447
184.56	5,683	14,548	185.08	5,683	17,504
184.57	5,683	14,605	185.09	5,683	17,560
184.58	5,683	14,662	185.10	5,683	17,617
184.59	5,683	14,719	185.11	5,683	17,674

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.12	5,683	17,731	185.64	5,683	20,686
185.13	5,683	17,788	185.65	5,683	20,743
185.14	5,683	17,845	185.66	5,683	20,800
185.15	5,683	17,901	185.67	5,683	20,857
185.16	5,683	17,958	185.68	5,683	20,913
185.17	5,683	18,015	185.69	5,683	20,970
185.18	5,683	18,072	185.70	5,683	21,027
185.19	5,683	18,129	185.71	5,683	21,084
185.20	5,683	18,186	185.72	5,683	21,141
185.21	5,683	18,242	185.73	5,683	21,198
185.22	5,683	18,299	185.74	5,683	21,254
185.23	5,683	18,356	185.75	5,683	21,311
185.24	5,683	18,413	185.76	5,683	21,368
185.25	5,683	18,470	185.77	5,683	21,425
185.26	5,683	18,527	185.78	5,683	21,482
185.27	5,683	18,583	185.79	5,683	21,539
185.28	5,683	18,640	185.80	5,683	21,595
185.29	5,683	18,697	185.81	5,683	21,652
185.30	5,683	18,754	185.82	5,683	21,709
185.31	5,683	18,811	185.83	5,683	21,766
185.32	5,683	18,868	185.84	5,683	21,823
185.33	5,683	18,924	185.85	5,683	21,880
185.34	5,683	18,981	185.86	5,683	21,936
185.35	5,683	19,038	185.87	5,683	21,993
185.36	5,683	19,095	185.88	5,683	22,050
185.37	5,683	19,152	185.89	5,683	22,107
185.38	5,683	19,209	185.90	5,683	22,164
185.39	5,683	19,265	185.91	5,683	22,221
185.40	5,683	19,322	185.92	5,683	22,277
185.41	5,683	19,379	185.93	5,683	22,334
185.42	5,683	19,436	185.94	5,683	22,391
185.43	5,683	19,493	185.95	5,683	22,448
185.44	5,683	19,550	185.96	5,683	22,505
185.45	5,683	19,606	185.97	5,683	22,562
185.46	5,683	19,663	185.98	5,683	22,618
185.47	5,683	19,720	185.99	5,683	22,675
185.48	5,683	19,777	186.00	5,683	22,732
185.49	5,683	19,834	186.01	5,683	22,789
185.50	5,683	19,891	186.02	5,683	22,846
185.51	5,683	19,947	186.03	5,683	22,902
185.52	5,683	20,004	186.04	5,683	22,959
185.53	5,683	20,061	186.05	5,683	23,016
185.54	5,683	20,118	186.06	5,683	23,073
185.55	5,683	20,175	186.07	5,683	23,130
185.56	5,683	20,231	186.08	5,683	23,187
185.57	5,683	20,288	186.09	5,683	23,243
185.58	5,683	20,345	186.10	5,683	23,300
185.59	5,683	20,402	186.11	5,683	23,357
185.60	5,683	20,459	186.12	5,683	23,414
185.61	5,683	20,516	186.13	5,683	23,471
185.62	5,683	20,572	186.14	5,683	23,528
185.63	5,683	20,629	186.15	5,683	23,584

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.16	5,683	23,641	186.68	5,683	26,596
186.17	5,683	23,698	186.69	5,683	26,653
186.18	5,683	23,755	186.70	5,683	26,710
186.19	5,683	23,812	186.71	5,683	26,767
186.20	5,683	23,869	186.72	5,683	26,824
186.21	5,683	23,925	186.73	5,683	26,881
186.22	5,683	23,982	186.74	5,683	26,937
186.23	5,683	24,039	186.75	5,683	26,994
186.24	5,683	24,096	186.76	5,683	27,051
186.25	5,683	24,153	186.77	5,683	27,108
186.26	5,683	24,210	186.78	5,683	27,165
186.27	5,683	24,266	186.79	5,683	27,222
186.28	5,683	24,323	186.80	5,683	27,278
186.29	5,683	24,380	186.81	5,683	27,335
186.30	5,683	24,437	186.82	5,683	27,392
186.31	5,683	24,494	186.83	5,683	27,449
186.32	5,683	24,551	186.84	5,683	27,506
186.33	5,683	24,607	186.85	5,683	27,563
186.34	5,683	24,664	186.86	5,683	27,619
186.35	5,683	24,721	186.87	5,683	27,676
186.36	5,683	24,778	186.88	5,683	27,733
186.37	5,683	24,835	186.89	5,683	27,790
186.38	5,683	24,892	186.90	5,683	27,847
186.39	5,683	24,948	186.91	5,683	27,904
186.40	5,683	25,005	186.92	5,683	27,960
186.41	5,683	25,062	186.93	5,683	28,017
186.42	5,683	25,119	186.94	5,683	28,074
186.43	5,683	25,176	186.95	5,683	28,131
186.44	5,683	25,233	186.96	5,683	28,188
186.45	5,683	25,289	186.97	5,683	28,245
186.46	5,683	25,346	186.98	5,683	28,301
186.47	5,683	25,403	186.99	5,683	28,358
186.48	5,683	25,460	187.00	5,683	28,415
186.49	5,683	25,517			
186.50	5,683	25,574			
186.51	5,683	25,630			
186.52	5,683	25,687			
186.53	5,683	25,744			
186.54	5,683	25,801			
186.55	5,683	25,858			
186.56	5,683	25,914			
186.57	5,683	25,971			
186.58	5,683	26,028			
186.59	5,683	26,085			
186.60	5,683	26,142			
186.61	5,683	26,199			
186.62	5,683	26,255			
186.63	5,683	26,312			
186.64	5,683	26,369			
186.65	5,683	26,426			
186.66	5,683	26,483			
186.67	5,683	26,540			

Summary for Pond B-42: Basin #42

Inflow Area = 0.777 ac, 38.35% Impervious, Inflow Depth = 0.44" for WQ Storm event
 Inflow = 0.94 cfs @ 1.04 hrs, Volume= 0.029 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.55' @ 2.15 hrs Surf.Area= 2,401 sf Storage= 1,247 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	181.00'	22,250 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

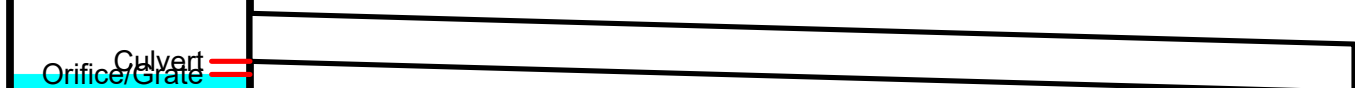
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
181.00	2,142	0	0
182.00	2,613	2,378	2,378
183.00	3,118	2,866	5,243
184.00	3,656	3,387	8,630
185.00	4,227	3,942	12,572
186.00	4,831	4,529	17,101
187.00	5,468	5,150	22,250

Device	Routing	Invert	Outlet Devices
#1	Primary	181.96'	18.0" Round Culvert L= 192.0' Ke= 0.500 Inlet / Outlet Invert= 181.96' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=181.00' (Free Discharge)

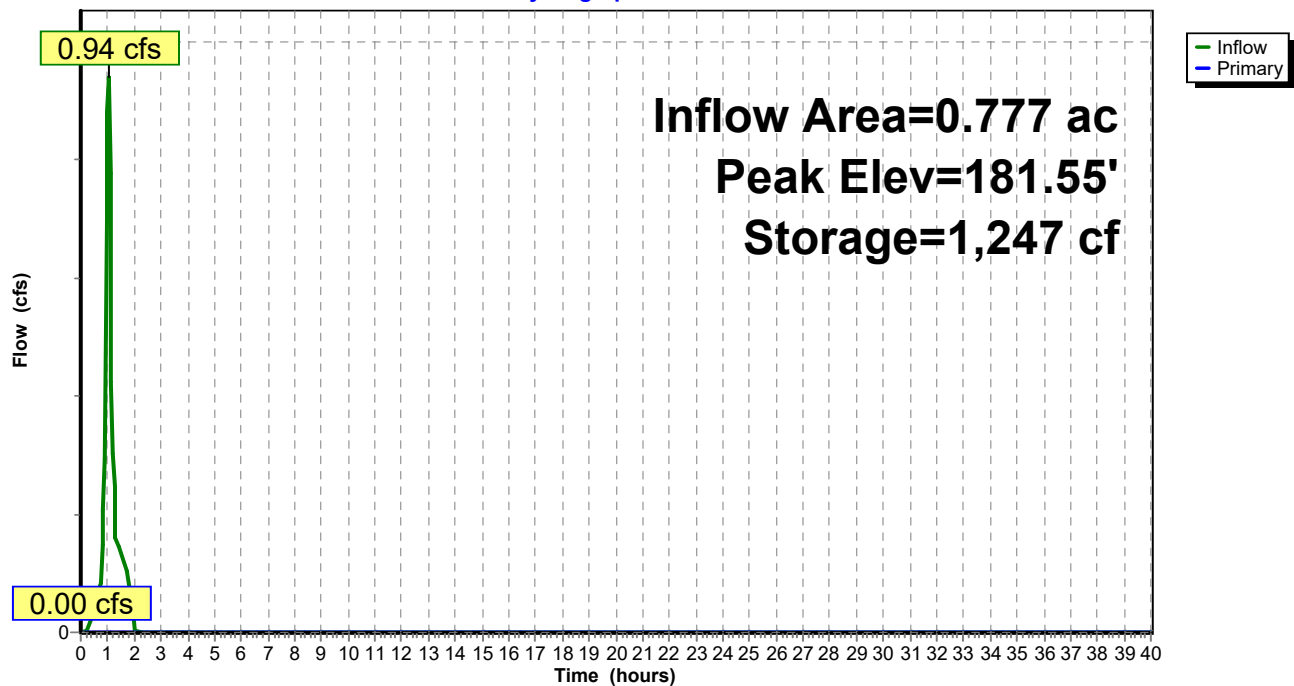
- 1=Culvert (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-42: Basin #42



Pond B-42: Basin #42

Hydrograph



Hydrograph for Pond B-42: Basin #42

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	181.00	0.00
0.10	0.00	0	181.00	0.00
0.20	0.00	0	181.00	0.00
0.30	0.00	0	181.00	0.00
0.40	0.02	3	181.00	0.00
0.50	0.03	12	181.01	0.00
0.60	0.06	30	181.01	0.00
0.70	0.08	55	181.03	0.00
0.80	0.15	91	181.04	0.00
0.90	0.29	168	181.08	0.00
1.00	0.88	400	181.18	0.00
1.10	0.78	718	181.32	0.00
1.20	0.30	892	181.40	0.00
1.30	0.16	978	181.44	0.00
1.40	0.15	1,033	181.46	0.00
1.50	0.15	1,089	181.48	0.00
1.60	0.12	1,135	181.50	0.00
1.70	0.12	1,179	181.52	0.00
1.80	0.05	1,214	181.54	0.00
1.90	0.04	1,229	181.54	0.00
2.00	0.04	1,244	181.55	0.00
2.10	0.00	1,247	181.55	0.00
2.20	0.00	1,247	181.55	0.00
2.30	0.00	1,247	181.55	0.00
2.40	0.00	1,247	181.55	0.00
2.50	0.00	1,247	181.55	0.00
2.60	0.00	1,247	181.55	0.00
2.70	0.00	1,247	181.55	0.00
2.80	0.00	1,247	181.55	0.00
2.90	0.00	1,247	181.55	0.00
3.00	0.00	1,247	181.55	0.00
3.10	0.00	1,247	181.55	0.00
3.20	0.00	1,247	181.55	0.00
3.30	0.00	1,247	181.55	0.00
3.40	0.00	1,247	181.55	0.00
3.50	0.00	1,247	181.55	0.00
3.60	0.00	1,247	181.55	0.00
3.70	0.00	1,247	181.55	0.00
3.80	0.00	1,247	181.55	0.00
3.90	0.00	1,247	181.55	0.00
4.00	0.00	1,247	181.55	0.00
4.10	0.00	1,247	181.55	0.00
4.20	0.00	1,247	181.55	0.00
4.30	0.00	1,247	181.55	0.00
4.40	0.00	1,247	181.55	0.00
4.50	0.00	1,247	181.55	0.00
4.60	0.00	1,247	181.55	0.00
4.70	0.00	1,247	181.55	0.00
4.80	0.00	1,247	181.55	0.00
4.90	0.00	1,247	181.55	0.00
5.00	0.00	1,247	181.55	0.00
5.10	0.00	1,247	181.55	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	1,247	181.55	0.00
5.30	0.00	1,247	181.55	0.00
5.40	0.00	1,247	181.55	0.00
5.50	0.00	1,247	181.55	0.00
5.60	0.00	1,247	181.55	0.00
5.70	0.00	1,247	181.55	0.00
5.80	0.00	1,247	181.55	0.00
5.90	0.00	1,247	181.55	0.00
6.00	0.00	1,247	181.55	0.00
6.10	0.00	1,247	181.55	0.00
6.20	0.00	1,247	181.55	0.00
6.30	0.00	1,247	181.55	0.00
6.40	0.00	1,247	181.55	0.00
6.50	0.00	1,247	181.55	0.00
6.60	0.00	1,247	181.55	0.00
6.70	0.00	1,247	181.55	0.00
6.80	0.00	1,247	181.55	0.00
6.90	0.00	1,247	181.55	0.00
7.00	0.00	1,247	181.55	0.00
7.10	0.00	1,247	181.55	0.00
7.20	0.00	1,247	181.55	0.00
7.30	0.00	1,247	181.55	0.00
7.40	0.00	1,247	181.55	0.00
7.50	0.00	1,247	181.55	0.00
7.60	0.00	1,247	181.55	0.00
7.70	0.00	1,247	181.55	0.00
7.80	0.00	1,247	181.55	0.00
7.90	0.00	1,247	181.55	0.00
8.00	0.00	1,247	181.55	0.00
8.10	0.00	1,247	181.55	0.00
8.20	0.00	1,247	181.55	0.00
8.30	0.00	1,247	181.55	0.00
8.40	0.00	1,247	181.55	0.00
8.50	0.00	1,247	181.55	0.00
8.60	0.00	1,247	181.55	0.00
8.70	0.00	1,247	181.55	0.00
8.80	0.00	1,247	181.55	0.00
8.90	0.00	1,247	181.55	0.00
9.00	0.00	1,247	181.55	0.00
9.10	0.00	1,247	181.55	0.00
9.20	0.00	1,247	181.55	0.00
9.30	0.00	1,247	181.55	0.00
9.40	0.00	1,247	181.55	0.00
9.50	0.00	1,247	181.55	0.00
9.60	0.00	1,247	181.55	0.00
9.70	0.00	1,247	181.55	0.00
9.80	0.00	1,247	181.55	0.00
9.90	0.00	1,247	181.55	0.00
10.00	0.00	1,247	181.55	0.00
10.10	0.00	1,247	181.55	0.00
10.20	0.00	1,247	181.55	0.00
10.30	0.00	1,247	181.55	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1,247	181.55	0.00
10.50	0.00	1,247	181.55	0.00
10.60	0.00	1,247	181.55	0.00
10.70	0.00	1,247	181.55	0.00
10.80	0.00	1,247	181.55	0.00
10.90	0.00	1,247	181.55	0.00
11.00	0.00	1,247	181.55	0.00
11.10	0.00	1,247	181.55	0.00
11.20	0.00	1,247	181.55	0.00
11.30	0.00	1,247	181.55	0.00
11.40	0.00	1,247	181.55	0.00
11.50	0.00	1,247	181.55	0.00
11.60	0.00	1,247	181.55	0.00
11.70	0.00	1,247	181.55	0.00
11.80	0.00	1,247	181.55	0.00
11.90	0.00	1,247	181.55	0.00
12.00	0.00	1,247	181.55	0.00
12.10	0.00	1,247	181.55	0.00
12.20	0.00	1,247	181.55	0.00
12.30	0.00	1,247	181.55	0.00
12.40	0.00	1,247	181.55	0.00
12.50	0.00	1,247	181.55	0.00
12.60	0.00	1,247	181.55	0.00
12.70	0.00	1,247	181.55	0.00
12.80	0.00	1,247	181.55	0.00
12.90	0.00	1,247	181.55	0.00
13.00	0.00	1,247	181.55	0.00
13.10	0.00	1,247	181.55	0.00
13.20	0.00	1,247	181.55	0.00
13.30	0.00	1,247	181.55	0.00
13.40	0.00	1,247	181.55	0.00
13.50	0.00	1,247	181.55	0.00
13.60	0.00	1,247	181.55	0.00
13.70	0.00	1,247	181.55	0.00
13.80	0.00	1,247	181.55	0.00
13.90	0.00	1,247	181.55	0.00
14.00	0.00	1,247	181.55	0.00
14.10	0.00	1,247	181.55	0.00
14.20	0.00	1,247	181.55	0.00
14.30	0.00	1,247	181.55	0.00
14.40	0.00	1,247	181.55	0.00
14.50	0.00	1,247	181.55	0.00
14.60	0.00	1,247	181.55	0.00
14.70	0.00	1,247	181.55	0.00
14.80	0.00	1,247	181.55	0.00
14.90	0.00	1,247	181.55	0.00
15.00	0.00	1,247	181.55	0.00
15.10	0.00	1,247	181.55	0.00
15.20	0.00	1,247	181.55	0.00
15.30	0.00	1,247	181.55	0.00
15.40	0.00	1,247	181.55	0.00
15.50	0.00	1,247	181.55	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	1,247	181.55	0.00
15.70	0.00	1,247	181.55	0.00
15.80	0.00	1,247	181.55	0.00
15.90	0.00	1,247	181.55	0.00
16.00	0.00	1,247	181.55	0.00
16.10	0.00	1,247	181.55	0.00
16.20	0.00	1,247	181.55	0.00
16.30	0.00	1,247	181.55	0.00
16.40	0.00	1,247	181.55	0.00
16.50	0.00	1,247	181.55	0.00
16.60	0.00	1,247	181.55	0.00
16.70	0.00	1,247	181.55	0.00
16.80	0.00	1,247	181.55	0.00
16.90	0.00	1,247	181.55	0.00
17.00	0.00	1,247	181.55	0.00
17.10	0.00	1,247	181.55	0.00
17.20	0.00	1,247	181.55	0.00
17.30	0.00	1,247	181.55	0.00
17.40	0.00	1,247	181.55	0.00
17.50	0.00	1,247	181.55	0.00
17.60	0.00	1,247	181.55	0.00
17.70	0.00	1,247	181.55	0.00
17.80	0.00	1,247	181.55	0.00
17.90	0.00	1,247	181.55	0.00
18.00	0.00	1,247	181.55	0.00
18.10	0.00	1,247	181.55	0.00
18.20	0.00	1,247	181.55	0.00
18.30	0.00	1,247	181.55	0.00
18.40	0.00	1,247	181.55	0.00
18.50	0.00	1,247	181.55	0.00
18.60	0.00	1,247	181.55	0.00
18.70	0.00	1,247	181.55	0.00
18.80	0.00	1,247	181.55	0.00
18.90	0.00	1,247	181.55	0.00
19.00	0.00	1,247	181.55	0.00
19.10	0.00	1,247	181.55	0.00
19.20	0.00	1,247	181.55	0.00
19.30	0.00	1,247	181.55	0.00
19.40	0.00	1,247	181.55	0.00
19.50	0.00	1,247	181.55	0.00
19.60	0.00	1,247	181.55	0.00
19.70	0.00	1,247	181.55	0.00
19.80	0.00	1,247	181.55	0.00
19.90	0.00	1,247	181.55	0.00
20.00	0.00	1,247	181.55	0.00
20.10	0.00	1,247	181.55	0.00
20.20	0.00	1,247	181.55	0.00
20.30	0.00	1,247	181.55	0.00
20.40	0.00	1,247	181.55	0.00
20.50	0.00	1,247	181.55	0.00
20.60	0.00	1,247	181.55	0.00
20.70	0.00	1,247	181.55	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	1,247	181.55	0.00
20.90	0.00	1,247	181.55	0.00
21.00	0.00	1,247	181.55	0.00
21.10	0.00	1,247	181.55	0.00
21.20	0.00	1,247	181.55	0.00
21.30	0.00	1,247	181.55	0.00
21.40	0.00	1,247	181.55	0.00
21.50	0.00	1,247	181.55	0.00
21.60	0.00	1,247	181.55	0.00
21.70	0.00	1,247	181.55	0.00
21.80	0.00	1,247	181.55	0.00
21.90	0.00	1,247	181.55	0.00
22.00	0.00	1,247	181.55	0.00
22.10	0.00	1,247	181.55	0.00
22.20	0.00	1,247	181.55	0.00
22.30	0.00	1,247	181.55	0.00
22.40	0.00	1,247	181.55	0.00
22.50	0.00	1,247	181.55	0.00
22.60	0.00	1,247	181.55	0.00
22.70	0.00	1,247	181.55	0.00
22.80	0.00	1,247	181.55	0.00
22.90	0.00	1,247	181.55	0.00
23.00	0.00	1,247	181.55	0.00
23.10	0.00	1,247	181.55	0.00
23.20	0.00	1,247	181.55	0.00
23.30	0.00	1,247	181.55	0.00
23.40	0.00	1,247	181.55	0.00
23.50	0.00	1,247	181.55	0.00
23.60	0.00	1,247	181.55	0.00
23.70	0.00	1,247	181.55	0.00
23.80	0.00	1,247	181.55	0.00
23.90	0.00	1,247	181.55	0.00
24.00	0.00	1,247	181.55	0.00
24.10	0.00	1,247	181.55	0.00
24.20	0.00	1,247	181.55	0.00
24.30	0.00	1,247	181.55	0.00
24.40	0.00	1,247	181.55	0.00
24.50	0.00	1,247	181.55	0.00
24.60	0.00	1,247	181.55	0.00
24.70	0.00	1,247	181.55	0.00
24.80	0.00	1,247	181.55	0.00
24.90	0.00	1,247	181.55	0.00
25.00	0.00	1,247	181.55	0.00
25.10	0.00	1,247	181.55	0.00
25.20	0.00	1,247	181.55	0.00
25.30	0.00	1,247	181.55	0.00
25.40	0.00	1,247	181.55	0.00
25.50	0.00	1,247	181.55	0.00
25.60	0.00	1,247	181.55	0.00
25.70	0.00	1,247	181.55	0.00
25.80	0.00	1,247	181.55	0.00
25.90	0.00	1,247	181.55	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,247	181.55	0.00
26.10	0.00	1,247	181.55	0.00
26.20	0.00	1,247	181.55	0.00
26.30	0.00	1,247	181.55	0.00
26.40	0.00	1,247	181.55	0.00
26.50	0.00	1,247	181.55	0.00
26.60	0.00	1,247	181.55	0.00
26.70	0.00	1,247	181.55	0.00
26.80	0.00	1,247	181.55	0.00
26.90	0.00	1,247	181.55	0.00
27.00	0.00	1,247	181.55	0.00
27.10	0.00	1,247	181.55	0.00
27.20	0.00	1,247	181.55	0.00
27.30	0.00	1,247	181.55	0.00
27.40	0.00	1,247	181.55	0.00
27.50	0.00	1,247	181.55	0.00
27.60	0.00	1,247	181.55	0.00
27.70	0.00	1,247	181.55	0.00
27.80	0.00	1,247	181.55	0.00
27.90	0.00	1,247	181.55	0.00
28.00	0.00	1,247	181.55	0.00
28.10	0.00	1,247	181.55	0.00
28.20	0.00	1,247	181.55	0.00
28.30	0.00	1,247	181.55	0.00
28.40	0.00	1,247	181.55	0.00
28.50	0.00	1,247	181.55	0.00
28.60	0.00	1,247	181.55	0.00
28.70	0.00	1,247	181.55	0.00
28.80	0.00	1,247	181.55	0.00
28.90	0.00	1,247	181.55	0.00
29.00	0.00	1,247	181.55	0.00
29.10	0.00	1,247	181.55	0.00
29.20	0.00	1,247	181.55	0.00
29.30	0.00	1,247	181.55	0.00
29.40	0.00	1,247	181.55	0.00
29.50	0.00	1,247	181.55	0.00
29.60	0.00	1,247	181.55	0.00
29.70	0.00	1,247	181.55	0.00
29.80	0.00	1,247	181.55	0.00
29.90	0.00	1,247	181.55	0.00
30.00	0.00	1,247	181.55	0.00
30.10	0.00	1,247	181.55	0.00
30.20	0.00	1,247	181.55	0.00
30.30	0.00	1,247	181.55	0.00
30.40	0.00	1,247	181.55	0.00
30.50	0.00	1,247	181.55	0.00
30.60	0.00	1,247	181.55	0.00
30.70	0.00	1,247	181.55	0.00
30.80	0.00	1,247	181.55	0.00
30.90	0.00	1,247	181.55	0.00
31.00	0.00	1,247	181.55	0.00
31.10	0.00	1,247	181.55	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,247	181.55	0.00
31.30	0.00	1,247	181.55	0.00
31.40	0.00	1,247	181.55	0.00
31.50	0.00	1,247	181.55	0.00
31.60	0.00	1,247	181.55	0.00
31.70	0.00	1,247	181.55	0.00
31.80	0.00	1,247	181.55	0.00
31.90	0.00	1,247	181.55	0.00
32.00	0.00	1,247	181.55	0.00
32.10	0.00	1,247	181.55	0.00
32.20	0.00	1,247	181.55	0.00
32.30	0.00	1,247	181.55	0.00
32.40	0.00	1,247	181.55	0.00
32.50	0.00	1,247	181.55	0.00
32.60	0.00	1,247	181.55	0.00
32.70	0.00	1,247	181.55	0.00
32.80	0.00	1,247	181.55	0.00
32.90	0.00	1,247	181.55	0.00
33.00	0.00	1,247	181.55	0.00
33.10	0.00	1,247	181.55	0.00
33.20	0.00	1,247	181.55	0.00
33.30	0.00	1,247	181.55	0.00
33.40	0.00	1,247	181.55	0.00
33.50	0.00	1,247	181.55	0.00
33.60	0.00	1,247	181.55	0.00
33.70	0.00	1,247	181.55	0.00
33.80	0.00	1,247	181.55	0.00
33.90	0.00	1,247	181.55	0.00
34.00	0.00	1,247	181.55	0.00
34.10	0.00	1,247	181.55	0.00
34.20	0.00	1,247	181.55	0.00
34.30	0.00	1,247	181.55	0.00
34.40	0.00	1,247	181.55	0.00
34.50	0.00	1,247	181.55	0.00
34.60	0.00	1,247	181.55	0.00
34.70	0.00	1,247	181.55	0.00
34.80	0.00	1,247	181.55	0.00
34.90	0.00	1,247	181.55	0.00
35.00	0.00	1,247	181.55	0.00
35.10	0.00	1,247	181.55	0.00
35.20	0.00	1,247	181.55	0.00
35.30	0.00	1,247	181.55	0.00
35.40	0.00	1,247	181.55	0.00
35.50	0.00	1,247	181.55	0.00
35.60	0.00	1,247	181.55	0.00
35.70	0.00	1,247	181.55	0.00
35.80	0.00	1,247	181.55	0.00
35.90	0.00	1,247	181.55	0.00
36.00	0.00	1,247	181.55	0.00
36.10	0.00	1,247	181.55	0.00
36.20	0.00	1,247	181.55	0.00
36.30	0.00	1,247	181.55	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,247	181.55	0.00
36.50	0.00	1,247	181.55	0.00
36.60	0.00	1,247	181.55	0.00
36.70	0.00	1,247	181.55	0.00
36.80	0.00	1,247	181.55	0.00
36.90	0.00	1,247	181.55	0.00
37.00	0.00	1,247	181.55	0.00
37.10	0.00	1,247	181.55	0.00
37.20	0.00	1,247	181.55	0.00
37.30	0.00	1,247	181.55	0.00
37.40	0.00	1,247	181.55	0.00
37.50	0.00	1,247	181.55	0.00
37.60	0.00	1,247	181.55	0.00
37.70	0.00	1,247	181.55	0.00
37.80	0.00	1,247	181.55	0.00
37.90	0.00	1,247	181.55	0.00
38.00	0.00	1,247	181.55	0.00
38.10	0.00	1,247	181.55	0.00
38.20	0.00	1,247	181.55	0.00
38.30	0.00	1,247	181.55	0.00
38.40	0.00	1,247	181.55	0.00
38.50	0.00	1,247	181.55	0.00
38.60	0.00	1,247	181.55	0.00
38.70	0.00	1,247	181.55	0.00
38.80	0.00	1,247	181.55	0.00
38.90	0.00	1,247	181.55	0.00
39.00	0.00	1,247	181.55	0.00
39.10	0.00	1,247	181.55	0.00
39.20	0.00	1,247	181.55	0.00
39.30	0.00	1,247	181.55	0.00
39.40	0.00	1,247	181.55	0.00
39.50	0.00	1,247	181.55	0.00
39.60	0.00	1,247	181.55	0.00
39.70	0.00	1,247	181.55	0.00
39.80	0.00	1,247	181.55	0.00
39.90	0.00	1,247	181.55	0.00
40.00	0.00	1,247	181.55	0.00

Stage-Discharge for Pond B-42: Basin #42

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.00	0.00	181.52	0.00	182.04	0.02	182.56	0.13
181.01	0.00	181.53	0.00	182.05	0.03	182.57	0.13
181.02	0.00	181.54	0.00	182.06	0.04	182.58	0.13
181.03	0.00	181.55	0.00	182.07	0.04	182.59	0.13
181.04	0.00	181.56	0.00	182.08	0.05	182.60	0.13
181.05	0.00	181.57	0.00	182.09	0.06	182.61	0.13
181.06	0.00	181.58	0.00	182.10	0.06	182.62	0.13
181.07	0.00	181.59	0.00	182.11	0.06	182.63	0.13
181.08	0.00	181.60	0.00	182.12	0.07	182.64	0.14
181.09	0.00	181.61	0.00	182.13	0.07	182.65	0.14
181.10	0.00	181.62	0.00	182.14	0.07	182.66	0.14
181.11	0.00	181.63	0.00	182.15	0.07	182.67	0.14
181.12	0.00	181.64	0.00	182.16	0.07	182.68	0.14
181.13	0.00	181.65	0.00	182.17	0.08	182.69	0.14
181.14	0.00	181.66	0.00	182.18	0.08	182.70	0.14
181.15	0.00	181.67	0.00	182.19	0.08	182.71	0.14
181.16	0.00	181.68	0.00	182.20	0.08	182.72	0.14
181.17	0.00	181.69	0.00	182.21	0.08	182.73	0.14
181.18	0.00	181.70	0.00	182.22	0.08	182.74	0.14
181.19	0.00	181.71	0.00	182.23	0.09	182.75	0.15
181.20	0.00	181.72	0.00	182.24	0.09	182.76	0.15
181.21	0.00	181.73	0.00	182.25	0.09	182.77	0.15
181.22	0.00	181.74	0.00	182.26	0.09	182.78	0.15
181.23	0.00	181.75	0.00	182.27	0.09	182.79	0.15
181.24	0.00	181.76	0.00	182.28	0.09	182.80	0.15
181.25	0.00	181.77	0.00	182.29	0.09	182.81	0.15
181.26	0.00	181.78	0.00	182.30	0.10	182.82	0.15
181.27	0.00	181.79	0.00	182.31	0.10	182.83	0.15
181.28	0.00	181.80	0.00	182.32	0.10	182.84	0.15
181.29	0.00	181.81	0.00	182.33	0.10	182.85	0.15
181.30	0.00	181.82	0.00	182.34	0.10	182.86	0.16
181.31	0.00	181.83	0.00	182.35	0.10	182.87	0.16
181.32	0.00	181.84	0.00	182.36	0.10	182.88	0.16
181.33	0.00	181.85	0.00	182.37	0.11	182.89	0.16
181.34	0.00	181.86	0.00	182.38	0.11	182.90	0.16
181.35	0.00	181.87	0.00	182.39	0.11	182.91	0.16
181.36	0.00	181.88	0.00	182.40	0.11	182.92	0.16
181.37	0.00	181.89	0.00	182.41	0.11	182.93	0.16
181.38	0.00	181.90	0.00	182.42	0.11	182.94	0.16
181.39	0.00	181.91	0.00	182.43	0.11	182.95	0.16
181.40	0.00	181.92	0.00	182.44	0.11	182.96	0.16
181.41	0.00	181.93	0.00	182.45	0.11	182.97	0.16
181.42	0.00	181.94	0.00	182.46	0.12	182.98	0.17
181.43	0.00	181.95	0.00	182.47	0.12	182.99	0.17
181.44	0.00	181.96	0.00	182.48	0.12	183.00	0.17
181.45	0.00	181.97	0.00	182.49	0.12	183.01	0.17
181.46	0.00	181.98	0.00	182.50	0.12	183.02	0.17
181.47	0.00	181.99	0.00	182.51	0.12	183.03	0.17
181.48	0.00	182.00	0.00	182.52	0.12	183.04	0.17
181.49	0.00	182.01	0.01	182.53	0.12	183.05	0.17
181.50	0.00	182.02	0.01	182.54	0.13	183.06	0.17
181.51	0.00	182.03	0.02	182.55	0.13	183.07	0.17

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.08	0.17	183.60	0.21	184.12	0.24	184.64	0.27
183.09	0.17	183.61	0.21	184.13	0.24	184.65	0.27
183.10	0.18	183.62	0.21	184.14	0.24	184.66	0.27
183.11	0.18	183.63	0.21	184.15	0.24	184.67	0.27
183.12	0.18	183.64	0.21	184.16	0.24	184.68	0.27
183.13	0.18	183.65	0.21	184.17	0.24	184.69	0.27
183.14	0.18	183.66	0.21	184.18	0.24	184.70	0.27
183.15	0.18	183.67	0.21	184.19	0.25	184.71	0.27
183.16	0.18	183.68	0.22	184.20	0.25	184.72	0.27
183.17	0.18	183.69	0.22	184.21	0.25	184.73	0.27
183.18	0.18	183.70	0.22	184.22	0.25	184.74	0.27
183.19	0.18	183.71	0.22	184.23	0.25	184.75	0.27
183.20	0.18	183.72	0.22	184.24	0.25	184.76	0.27
183.21	0.18	183.73	0.22	184.25	0.25	184.77	0.28
183.22	0.18	183.74	0.22	184.26	0.25	184.78	0.28
183.23	0.18	183.75	0.22	184.27	0.25	184.79	0.28
183.24	0.19	183.76	0.22	184.28	0.25	184.80	0.28
183.25	0.19	183.77	0.22	184.29	0.25	184.81	0.28
183.26	0.19	183.78	0.22	184.30	0.25	184.82	0.28
183.27	0.19	183.79	0.22	184.31	0.25	184.83	0.28
183.28	0.19	183.80	0.22	184.32	0.25	184.84	0.28
183.29	0.19	183.81	0.22	184.33	0.25	184.85	0.28
183.30	0.19	183.82	0.22	184.34	0.25	184.86	0.28
183.31	0.19	183.83	0.22	184.35	0.25	184.87	0.28
183.32	0.19	183.84	0.23	184.36	0.25	184.88	0.28
183.33	0.19	183.85	0.23	184.37	0.25	184.89	0.28
183.34	0.19	183.86	0.23	184.38	0.26	184.90	0.28
183.35	0.19	183.87	0.23	184.39	0.26	184.91	0.28
183.36	0.19	183.88	0.23	184.40	0.26	184.92	0.28
183.37	0.19	183.89	0.23	184.41	0.26	184.93	0.28
183.38	0.20	183.90	0.23	184.42	0.26	184.94	0.28
183.39	0.20	183.91	0.23	184.43	0.26	184.95	0.28
183.40	0.20	183.92	0.23	184.44	0.26	184.96	0.28
183.41	0.20	183.93	0.23	184.45	0.26	184.97	0.28
183.42	0.20	183.94	0.23	184.46	0.26	184.98	0.29
183.43	0.20	183.95	0.23	184.47	0.26	184.99	0.29
183.44	0.20	183.96	0.23	184.48	0.26	185.00	0.29
183.45	0.20	183.97	0.23	184.49	0.26	185.01	0.29
183.46	0.20	183.98	0.23	184.50	0.26	185.02	0.29
183.47	0.20	183.99	0.23	184.51	0.26	185.03	0.29
183.48	0.20	184.00	0.23	184.52	0.26	185.04	0.29
183.49	0.20	184.01	0.24	184.53	0.26	185.05	0.29
183.50	0.20	184.02	0.24	184.54	0.26	185.06	0.29
183.51	0.20	184.03	0.24	184.55	0.26	185.07	0.29
183.52	0.21	184.04	0.24	184.56	0.26	185.08	0.29
183.53	0.21	184.05	0.24	184.57	0.27	185.09	0.29
183.54	0.21	184.06	0.24	184.58	0.27	185.10	0.29
183.55	0.21	184.07	0.24	184.59	0.27	185.11	0.29
183.56	0.21	184.08	0.24	184.60	0.27	185.12	0.29
183.57	0.21	184.09	0.24	184.61	0.27	185.13	0.29
183.58	0.21	184.10	0.24	184.62	0.27	185.14	0.29
183.59	0.21	184.11	0.24	184.63	0.27	185.15	0.29

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.16	0.29	185.68	0.32	186.20	1.50	186.72	20.35
185.17	0.29	185.69	0.32	186.21	1.58	186.73	21.40
185.18	0.29	185.70	0.32	186.22	1.67	186.74	22.48
185.19	0.29	185.71	0.32	186.23	1.77	186.75	23.59
185.20	0.30	185.72	0.32	186.24	1.86	186.76	24.72
185.21	0.30	185.73	0.32	186.25	1.95	186.77	25.88
185.22	0.30	185.74	0.32	186.26	2.05	186.78	27.07
185.23	0.30	185.75	0.32	186.27	2.15	186.79	28.28
185.24	0.30	185.76	0.32	186.28	2.25	186.80	29.51
185.25	0.30	185.77	0.32	186.29	2.35	186.81	30.78
185.26	0.30	185.78	0.32	186.30	2.46	186.82	32.06
185.27	0.30	185.79	0.32	186.31	2.56	186.83	33.37
185.28	0.30	185.80	0.32	186.32	2.67	186.84	34.71
185.29	0.30	185.81	0.32	186.33	2.78	186.85	36.07
185.30	0.30	185.82	0.32	186.34	2.89	186.86	37.46
185.31	0.30	185.83	0.32	186.35	3.00	186.87	38.87
185.32	0.30	185.84	0.32	186.36	3.12	186.88	40.31
185.33	0.30	185.85	0.32	186.37	3.23	186.89	41.77
185.34	0.30	185.86	0.32	186.38	3.35	186.90	43.26
185.35	0.30	185.87	0.32	186.39	3.47	186.91	44.80
185.36	0.30	185.88	0.32	186.40	3.59	186.92	46.36
185.37	0.30	185.89	0.33	186.41	3.71	186.93	47.96
185.38	0.30	185.90	0.33	186.42	3.83	186.94	49.58
185.39	0.30	185.91	0.33	186.43	3.96	186.95	51.22
185.40	0.30	185.92	0.33	186.44	4.08	186.96	52.90
185.41	0.30	185.93	0.33	186.45	4.21	186.97	54.60
185.42	0.31	185.94	0.33	186.46	4.34	186.98	56.32
185.43	0.31	185.95	0.33	186.47	4.46	186.99	58.08
185.44	0.31	185.96	0.33	186.48	4.59	187.00	59.86
185.45	0.31	185.97	0.33	186.49	4.73		
185.46	0.31	185.98	0.33	186.50	4.86		
185.47	0.31	185.99	0.33	186.51	5.11		
185.48	0.31	186.00	0.33	186.52	5.46		
185.49	0.31	186.01	0.34	186.53	5.87		
185.50	0.31	186.02	0.37	186.54	6.34		
185.51	0.31	186.03	0.40	186.55	6.85		
185.52	0.31	186.04	0.44	186.56	7.40		
185.53	0.31	186.05	0.48	186.57	7.99		
185.54	0.31	186.06	0.52	186.58	8.62		
185.55	0.31	186.07	0.57	186.59	9.28		
185.56	0.31	186.08	0.63	186.60	9.97		
185.57	0.31	186.09	0.69	186.61	10.69		
185.58	0.31	186.10	0.75	186.62	11.43		
185.59	0.31	186.11	0.81	186.63	12.21		
185.60	0.31	186.12	0.88	186.64	13.01		
185.61	0.31	186.13	0.94	186.65	13.83		
185.62	0.31	186.14	1.02	186.66	14.68		
185.63	0.31	186.15	1.09	186.67	15.56		
185.64	0.31	186.16	1.17	186.68	16.45		
185.65	0.32	186.17	1.25	186.69	17.37		
185.66	0.32	186.18	1.33	186.70	18.31		
185.67	0.32	186.19	1.41	186.71	19.32		

Stage-Area-Storage for Pond B-42: Basin #42

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.00	2,142	0	181.52	2,387	1,178
181.01	2,147	21	181.53	2,392	1,201
181.02	2,151	43	181.54	2,396	1,225
181.03	2,156	64	181.55	2,401	1,249
181.04	2,161	86	181.56	2,406	1,273
181.05	2,166	108	181.57	2,410	1,297
181.06	2,170	129	181.58	2,415	1,322
181.07	2,175	151	181.59	2,420	1,346
181.08	2,180	173	181.60	2,425	1,370
181.09	2,184	195	181.61	2,429	1,394
181.10	2,189	217	181.62	2,434	1,419
181.11	2,194	238	181.63	2,439	1,443
181.12	2,199	260	181.64	2,443	1,467
181.13	2,203	282	181.65	2,448	1,492
181.14	2,208	304	181.66	2,453	1,516
181.15	2,213	327	181.67	2,458	1,541
181.16	2,217	349	181.68	2,462	1,565
181.17	2,222	371	181.69	2,467	1,590
181.18	2,227	393	181.70	2,472	1,615
181.19	2,231	415	181.71	2,476	1,640
181.20	2,236	438	181.72	2,481	1,664
181.21	2,241	460	181.73	2,486	1,689
181.22	2,246	483	181.74	2,491	1,714
181.23	2,250	505	181.75	2,495	1,739
181.24	2,255	528	181.76	2,500	1,764
181.25	2,260	550	181.77	2,505	1,789
181.26	2,264	573	181.78	2,509	1,814
181.27	2,269	596	181.79	2,514	1,839
181.28	2,274	618	181.80	2,519	1,864
181.29	2,279	641	181.81	2,524	1,890
181.30	2,283	664	181.82	2,528	1,915
181.31	2,288	687	181.83	2,533	1,940
181.32	2,293	710	181.84	2,538	1,965
181.33	2,297	733	181.85	2,542	1,991
181.34	2,302	756	181.86	2,547	2,016
181.35	2,307	779	181.87	2,552	2,042
181.36	2,312	802	181.88	2,556	2,067
181.37	2,316	825	181.89	2,561	2,093
181.38	2,321	848	181.90	2,566	2,119
181.39	2,326	871	181.91	2,571	2,144
181.40	2,330	894	181.92	2,575	2,170
181.41	2,335	918	181.93	2,580	2,196
181.42	2,340	941	181.94	2,585	2,222
181.43	2,345	965	181.95	2,589	2,247
181.44	2,349	988	181.96	2,594	2,273
181.45	2,354	1,012	181.97	2,599	2,299
181.46	2,359	1,035	181.98	2,604	2,325
181.47	2,363	1,059	181.99	2,608	2,351
181.48	2,368	1,082	182.00	2,613	2,378
181.49	2,373	1,106	182.01	2,618	2,404
181.50	2,378	1,130	182.02	2,623	2,430
181.51	2,382	1,154	182.03	2,628	2,456

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.04	2,633	2,482	182.56	2,896	3,920
182.05	2,638	2,509	182.57	2,901	3,949
182.06	2,643	2,535	182.58	2,906	3,978
182.07	2,648	2,562	182.59	2,911	4,007
182.08	2,653	2,588	182.60	2,916	4,036
182.09	2,658	2,615	182.61	2,921	4,065
182.10	2,663	2,641	182.62	2,926	4,095
182.11	2,669	2,668	182.63	2,931	4,124
182.12	2,674	2,695	182.64	2,936	4,153
182.13	2,679	2,721	182.65	2,941	4,183
182.14	2,684	2,748	182.66	2,946	4,212
182.15	2,689	2,775	182.67	2,951	4,242
182.16	2,694	2,802	182.68	2,956	4,271
182.17	2,699	2,829	182.69	2,961	4,301
182.18	2,704	2,856	182.70	2,966	4,330
182.19	2,709	2,883	182.71	2,972	4,360
182.20	2,714	2,910	182.72	2,977	4,390
182.21	2,719	2,937	182.73	2,982	4,420
182.22	2,724	2,965	182.74	2,987	4,449
182.23	2,729	2,992	182.75	2,992	4,479
182.24	2,734	3,019	182.76	2,997	4,509
182.25	2,739	3,047	182.77	3,002	4,539
182.26	2,744	3,074	182.78	3,007	4,569
182.27	2,749	3,101	182.79	3,012	4,599
182.28	2,754	3,129	182.80	3,017	4,630
182.29	2,759	3,157	182.81	3,022	4,660
182.30	2,765	3,184	182.82	3,027	4,690
182.31	2,770	3,212	182.83	3,032	4,720
182.32	2,775	3,240	182.84	3,037	4,751
182.33	2,780	3,267	182.85	3,042	4,781
182.34	2,785	3,295	182.86	3,047	4,811
182.35	2,790	3,323	182.87	3,052	4,842
182.36	2,795	3,351	182.88	3,057	4,872
182.37	2,800	3,379	182.89	3,062	4,903
182.38	2,805	3,407	182.90	3,068	4,934
182.39	2,810	3,435	182.91	3,073	4,964
182.40	2,815	3,463	182.92	3,078	4,995
182.41	2,820	3,491	182.93	3,083	5,026
182.42	2,825	3,520	182.94	3,088	5,057
182.43	2,830	3,548	182.95	3,093	5,088
182.44	2,835	3,576	182.96	3,098	5,119
182.45	2,840	3,604	182.97	3,103	5,150
182.46	2,845	3,633	182.98	3,108	5,181
182.47	2,850	3,661	182.99	3,113	5,212
182.48	2,855	3,690	183.00	3,118	5,243
182.49	2,860	3,718	183.01	3,123	5,274
182.50	2,866	3,747	183.02	3,129	5,305
182.51	2,871	3,776	183.03	3,134	5,337
182.52	2,876	3,805	183.04	3,140	5,368
182.53	2,881	3,833	183.05	3,145	5,400
182.54	2,886	3,862	183.06	3,150	5,431
182.55	2,891	3,891	183.07	3,156	5,463

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.08	3,161	5,494	183.60	3,441	7,211
183.09	3,166	5,526	183.61	3,446	7,245
183.10	3,172	5,557	183.62	3,452	7,280
183.11	3,177	5,589	183.63	3,457	7,314
183.12	3,183	5,621	183.64	3,462	7,349
183.13	3,188	5,653	183.65	3,468	7,383
183.14	3,193	5,685	183.66	3,473	7,418
183.15	3,199	5,717	183.67	3,478	7,453
183.16	3,204	5,749	183.68	3,484	7,488
183.17	3,209	5,781	183.69	3,489	7,522
183.18	3,215	5,813	183.70	3,495	7,557
183.19	3,220	5,845	183.71	3,500	7,592
183.20	3,226	5,877	183.72	3,505	7,627
183.21	3,231	5,910	183.73	3,511	7,662
183.22	3,236	5,942	183.74	3,516	7,698
183.23	3,242	5,974	183.75	3,522	7,733
183.24	3,247	6,007	183.76	3,527	7,768
183.25	3,253	6,039	183.77	3,532	7,803
183.26	3,258	6,072	183.78	3,538	7,839
183.27	3,263	6,104	183.79	3,543	7,874
183.28	3,269	6,137	183.80	3,548	7,910
183.29	3,274	6,170	183.81	3,554	7,945
183.30	3,279	6,203	183.82	3,559	7,981
183.31	3,285	6,235	183.83	3,565	8,016
183.32	3,290	6,268	183.84	3,570	8,052
183.33	3,296	6,301	183.85	3,575	8,088
183.34	3,301	6,334	183.86	3,581	8,123
183.35	3,306	6,367	183.87	3,586	8,159
183.36	3,312	6,400	183.88	3,591	8,195
183.37	3,317	6,433	183.89	3,597	8,231
183.38	3,322	6,467	183.90	3,602	8,267
183.39	3,328	6,500	183.91	3,608	8,303
183.40	3,333	6,533	183.92	3,613	8,339
183.41	3,339	6,567	183.93	3,618	8,375
183.42	3,344	6,600	183.94	3,624	8,412
183.43	3,349	6,633	183.95	3,629	8,448
183.44	3,355	6,667	183.96	3,634	8,484
183.45	3,360	6,701	183.97	3,640	8,521
183.46	3,365	6,734	183.98	3,645	8,557
183.47	3,371	6,768	183.99	3,651	8,593
183.48	3,376	6,802	184.00	3,656	8,630
183.49	3,382	6,835	184.01	3,662	8,667
183.50	3,387	6,869	184.02	3,667	8,703
183.51	3,392	6,903	184.03	3,673	8,740
183.52	3,398	6,937	184.04	3,679	8,777
183.53	3,403	6,971	184.05	3,685	8,814
183.54	3,409	7,005	184.06	3,690	8,850
183.55	3,414	7,039	184.07	3,696	8,887
183.56	3,419	7,073	184.08	3,702	8,924
183.57	3,425	7,108	184.09	3,707	8,961
183.58	3,430	7,142	184.10	3,713	8,998
183.59	3,435	7,176	184.11	3,719	9,036

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.12	3,725	9,073	184.64	4,021	11,087
184.13	3,730	9,110	184.65	4,027	11,127
184.14	3,736	9,147	184.66	4,033	11,167
184.15	3,742	9,185	184.67	4,039	11,208
184.16	3,747	9,222	184.68	4,044	11,248
184.17	3,753	9,260	184.69	4,050	11,289
184.18	3,759	9,297	184.70	4,056	11,329
184.19	3,764	9,335	184.71	4,061	11,370
184.20	3,770	9,373	184.72	4,067	11,410
184.21	3,776	9,410	184.73	4,073	11,451
184.22	3,782	9,448	184.74	4,079	11,492
184.23	3,787	9,486	184.75	4,084	11,533
184.24	3,793	9,524	184.76	4,090	11,573
184.25	3,799	9,562	184.77	4,096	11,614
184.26	3,804	9,600	184.78	4,101	11,655
184.27	3,810	9,638	184.79	4,107	11,696
184.28	3,816	9,676	184.80	4,113	11,738
184.29	3,822	9,714	184.81	4,119	11,779
184.30	3,827	9,752	184.82	4,124	11,820
184.31	3,833	9,791	184.83	4,130	11,861
184.32	3,839	9,829	184.84	4,136	11,902
184.33	3,844	9,868	184.85	4,141	11,944
184.34	3,850	9,906	184.86	4,147	11,985
184.35	3,856	9,945	184.87	4,153	12,027
184.36	3,862	9,983	184.88	4,158	12,068
184.37	3,867	10,022	184.89	4,164	12,110
184.38	3,873	10,061	184.90	4,170	12,152
184.39	3,879	10,099	184.91	4,176	12,193
184.40	3,884	10,138	184.92	4,181	12,235
184.41	3,890	10,177	184.93	4,187	12,277
184.42	3,896	10,216	184.94	4,193	12,319
184.43	3,902	10,255	184.95	4,198	12,361
184.44	3,907	10,294	184.96	4,204	12,403
184.45	3,913	10,333	184.97	4,210	12,445
184.46	3,919	10,372	184.98	4,216	12,487
184.47	3,924	10,411	184.99	4,221	12,529
184.48	3,930	10,451	185.00	4,227	12,572
184.49	3,936	10,490	185.01	4,233	12,614
184.50	3,942	10,529	185.02	4,239	12,656
184.51	3,947	10,569	185.03	4,245	12,699
184.52	3,953	10,608	185.04	4,251	12,741
184.53	3,959	10,648	185.05	4,257	12,784
184.54	3,964	10,687	185.06	4,263	12,826
184.55	3,970	10,727	185.07	4,269	12,869
184.56	3,976	10,767	185.08	4,275	12,912
184.57	3,981	10,807	185.09	4,281	12,954
184.58	3,987	10,847	185.10	4,287	12,997
184.59	3,993	10,886	185.11	4,293	13,040
184.60	3,999	10,926	185.12	4,299	13,083
184.61	4,004	10,966	185.13	4,306	13,126
184.62	4,010	11,006	185.14	4,312	13,169
184.63	4,016	11,047	185.15	4,318	13,212

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.16	4,324	13,256	185.68	4,638	15,586
185.17	4,330	13,299	185.69	4,644	15,632
185.18	4,336	13,342	185.70	4,650	15,678
185.19	4,342	13,386	185.71	4,656	15,725
185.20	4,348	13,429	185.72	4,662	15,771
185.21	4,354	13,472	185.73	4,668	15,818
185.22	4,360	13,516	185.74	4,674	15,865
185.23	4,366	13,560	185.75	4,680	15,912
185.24	4,372	13,603	185.76	4,686	15,958
185.25	4,378	13,647	185.77	4,692	16,005
185.26	4,384	13,691	185.78	4,698	16,052
185.27	4,390	13,735	185.79	4,704	16,099
185.28	4,396	13,779	185.80	4,710	16,146
185.29	4,402	13,823	185.81	4,716	16,194
185.30	4,408	13,867	185.82	4,722	16,241
185.31	4,414	13,911	185.83	4,728	16,288
185.32	4,420	13,955	185.84	4,734	16,335
185.33	4,426	13,999	185.85	4,740	16,383
185.34	4,432	14,044	185.86	4,746	16,430
185.35	4,438	14,088	185.87	4,752	16,478
185.36	4,444	14,132	185.88	4,759	16,525
185.37	4,450	14,177	185.89	4,765	16,573
185.38	4,457	14,221	185.90	4,771	16,620
185.39	4,463	14,266	185.91	4,777	16,668
185.40	4,469	14,311	185.92	4,783	16,716
185.41	4,475	14,355	185.93	4,789	16,764
185.42	4,481	14,400	185.94	4,795	16,812
185.43	4,487	14,445	185.95	4,801	16,860
185.44	4,493	14,490	185.96	4,807	16,908
185.45	4,499	14,535	185.97	4,813	16,956
185.46	4,505	14,580	185.98	4,819	17,004
185.47	4,511	14,625	185.99	4,825	17,052
185.48	4,517	14,670	186.00	4,831	17,101
185.49	4,523	14,715	186.01	4,837	17,149
185.50	4,529	14,761	186.02	4,844	17,197
185.51	4,535	14,806	186.03	4,850	17,246
185.52	4,541	14,851	186.04	4,856	17,294
185.53	4,547	14,897	186.05	4,863	17,343
185.54	4,553	14,942	186.06	4,869	17,392
185.55	4,559	14,988	186.07	4,876	17,440
185.56	4,565	15,033	186.08	4,882	17,489
185.57	4,571	15,079	186.09	4,888	17,538
185.58	4,577	15,125	186.10	4,895	17,587
185.59	4,583	15,171	186.11	4,901	17,636
185.60	4,589	15,216	186.12	4,907	17,685
185.61	4,595	15,262	186.13	4,914	17,734
185.62	4,601	15,308	186.14	4,920	17,783
185.63	4,608	15,354	186.15	4,927	17,832
185.64	4,614	15,400	186.16	4,933	17,882
185.65	4,620	15,447	186.17	4,939	17,931
185.66	4,626	15,493	186.18	4,946	17,980
185.67	4,632	15,539	186.19	4,952	18,030

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.20	4,958	18,079	186.72	5,290	20,744
186.21	4,965	18,129	186.73	5,296	20,797
186.22	4,971	18,179	186.74	5,302	20,850
186.23	4,978	18,228	186.75	5,309	20,903
186.24	4,984	18,278	186.76	5,315	20,956
186.25	4,990	18,328	186.77	5,321	21,009
186.26	4,997	18,378	186.78	5,328	21,062
186.27	5,003	18,428	186.79	5,334	21,116
186.28	5,009	18,478	186.80	5,341	21,169
186.29	5,016	18,528	186.81	5,347	21,223
186.30	5,022	18,578	186.82	5,353	21,276
186.31	5,028	18,629	186.83	5,360	21,330
186.32	5,035	18,679	186.84	5,366	21,383
186.33	5,041	18,729	186.85	5,372	21,437
186.34	5,048	18,780	186.86	5,379	21,491
186.35	5,054	18,830	186.87	5,385	21,545
186.36	5,060	18,881	186.88	5,392	21,598
186.37	5,067	18,932	186.89	5,398	21,652
186.38	5,073	18,982	186.90	5,404	21,706
186.39	5,079	19,033	186.91	5,411	21,760
186.40	5,086	19,084	186.92	5,417	21,815
186.41	5,092	19,135	186.93	5,423	21,869
186.42	5,099	19,186	186.94	5,430	21,923
186.43	5,105	19,237	186.95	5,436	21,977
186.44	5,111	19,288	186.96	5,443	22,032
186.45	5,118	19,339	186.97	5,449	22,086
186.46	5,124	19,390	186.98	5,455	22,141
186.47	5,130	19,441	186.99	5,462	22,195
186.48	5,137	19,493	187.00	5,468	22,250
186.49	5,143	19,544			
186.50	5,150	19,596			
186.51	5,156	19,647			
186.52	5,162	19,699			
186.53	5,169	19,750			
186.54	5,175	19,802			
186.55	5,181	19,854			
186.56	5,188	19,906			
186.57	5,194	19,958			
186.58	5,200	20,010			
186.59	5,207	20,062			
186.60	5,213	20,114			
186.61	5,220	20,166			
186.62	5,226	20,218			
186.63	5,232	20,270			
186.64	5,239	20,323			
186.65	5,245	20,375			
186.66	5,251	20,428			
186.67	5,258	20,480			
186.68	5,264	20,533			
186.69	5,271	20,586			
186.70	5,277	20,638			
186.71	5,283	20,691			

Summary for Pond B-43: Basin #43

Inflow Area = 2.712 ac, 33.89% Impervious, Inflow Depth = 0.40" for WQ Storm event
 Inflow = 2.83 cfs @ 1.03 hrs, Volume= 0.090 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 177.56' @ 2.70 hrs Surf.Area= 7,055 sf Storage= 3,931 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	177.00'	28,220 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

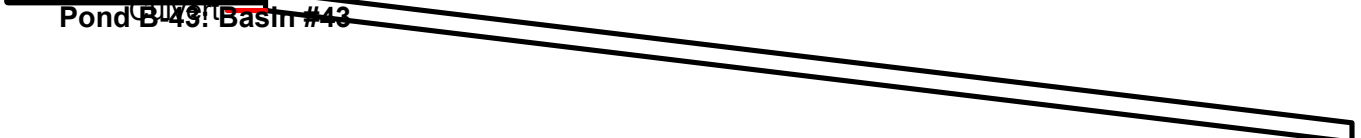
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
177.00	7,055	0	0
178.00	7,055	7,055	7,055
179.00	7,055	7,055	14,110
180.00	7,055	7,055	21,165
181.00	7,055	7,055	28,220

Device	Routing	Invert	Outlet Devices
#1	Primary	176.30'	18.0" Round Culvert L= 200.0' Ke= 0.500 Inlet / Outlet Invert= 176.30' / 166.10' S= 0.0510 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	177.56'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.90'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=177.00' (Free Discharge)

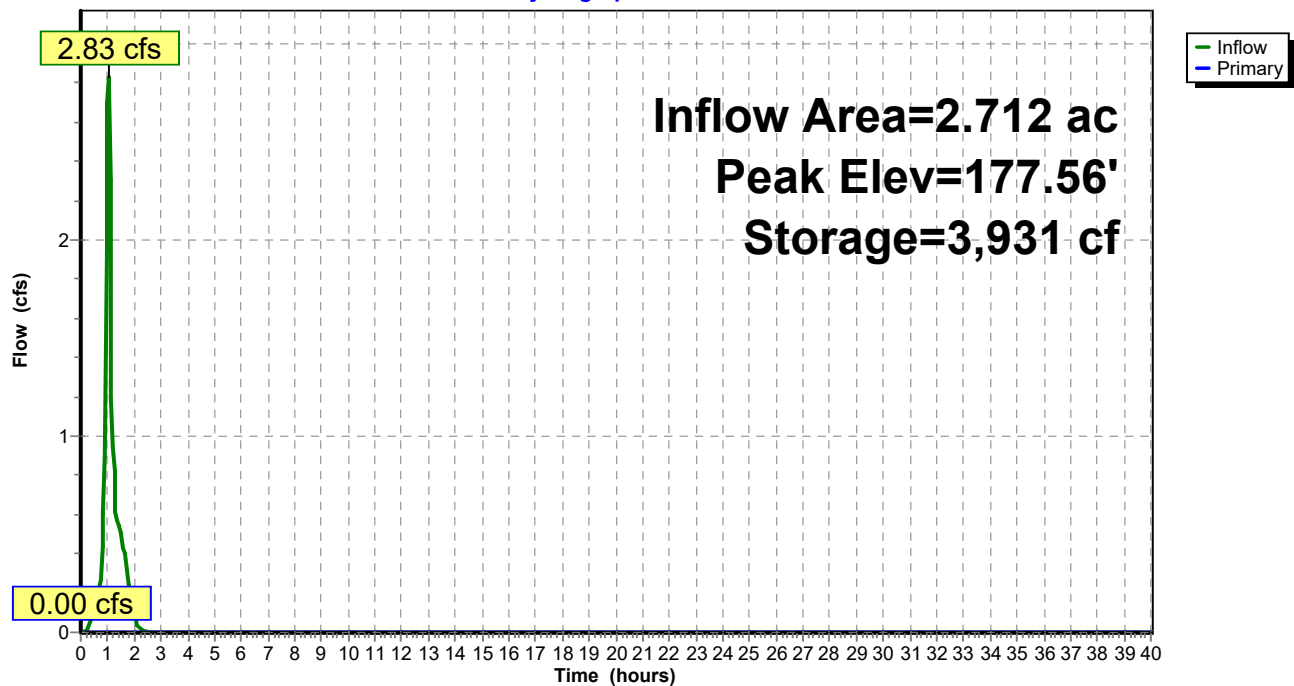
1=Culvert (Passes 0.00 cfs of 2.30 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Orifice/Grate
 Pond B-43: Basin #43



Pond B-43: Basin #43

Hydrograph



Hydrograph for Pond B-43: Basin #43

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	177.00	0.00
0.10	0.00	0	177.00	0.00
0.20	0.00	0	177.00	0.00
0.30	0.00	0	177.00	0.00
0.40	0.05	7	177.00	0.00
0.50	0.10	35	177.00	0.00
0.60	0.19	89	177.01	0.00
0.70	0.23	164	177.02	0.00
0.80	0.44	272	177.04	0.00
0.90	0.89	500	177.07	0.00
1.00	2.70	1,174	177.17	0.00
1.10	2.31	2,128	177.30	0.00
1.20	0.95	2,635	177.37	0.00
1.30	0.62	2,923	177.41	0.00
1.40	0.54	3,131	177.44	0.00
1.50	0.50	3,318	177.47	0.00
1.60	0.42	3,478	177.49	0.00
1.70	0.40	3,625	177.51	0.00
1.80	0.24	3,753	177.53	0.00
1.90	0.19	3,828	177.54	0.00
2.00	0.14	3,887	177.55	0.00
2.10	0.04	3,916	177.56	0.00
2.20	0.02	3,926	177.56	0.00
2.30	0.00	3,930	177.56	0.00
2.40	0.00	3,931	177.56	0.00
2.50	0.00	3,931	177.56	0.00
2.60	0.00	3,931	177.56	0.00
2.70	0.00	3,931	177.56	0.00
2.80	0.00	3,931	177.56	0.00
2.90	0.00	3,931	177.56	0.00
3.00	0.00	3,931	177.56	0.00
3.10	0.00	3,931	177.56	0.00
3.20	0.00	3,931	177.56	0.00
3.30	0.00	3,931	177.56	0.00
3.40	0.00	3,931	177.56	0.00
3.50	0.00	3,931	177.56	0.00
3.60	0.00	3,931	177.56	0.00
3.70	0.00	3,931	177.56	0.00
3.80	0.00	3,931	177.56	0.00
3.90	0.00	3,931	177.56	0.00
4.00	0.00	3,931	177.56	0.00
4.10	0.00	3,931	177.56	0.00
4.20	0.00	3,931	177.56	0.00
4.30	0.00	3,931	177.56	0.00
4.40	0.00	3,931	177.56	0.00
4.50	0.00	3,931	177.56	0.00
4.60	0.00	3,931	177.56	0.00
4.70	0.00	3,931	177.56	0.00
4.80	0.00	3,931	177.56	0.00
4.90	0.00	3,931	177.56	0.00
5.00	0.00	3,931	177.56	0.00
5.10	0.00	3,931	177.56	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,931	177.56	0.00
5.30	0.00	3,931	177.56	0.00
5.40	0.00	3,931	177.56	0.00
5.50	0.00	3,931	177.56	0.00
5.60	0.00	3,931	177.56	0.00
5.70	0.00	3,931	177.56	0.00
5.80	0.00	3,931	177.56	0.00
5.90	0.00	3,931	177.56	0.00
6.00	0.00	3,931	177.56	0.00
6.10	0.00	3,931	177.56	0.00
6.20	0.00	3,931	177.56	0.00
6.30	0.00	3,931	177.56	0.00
6.40	0.00	3,931	177.56	0.00
6.50	0.00	3,931	177.56	0.00
6.60	0.00	3,931	177.56	0.00
6.70	0.00	3,931	177.56	0.00
6.80	0.00	3,931	177.56	0.00
6.90	0.00	3,931	177.56	0.00
7.00	0.00	3,931	177.56	0.00
7.10	0.00	3,931	177.56	0.00
7.20	0.00	3,931	177.56	0.00
7.30	0.00	3,931	177.56	0.00
7.40	0.00	3,931	177.56	0.00
7.50	0.00	3,931	177.56	0.00
7.60	0.00	3,931	177.56	0.00
7.70	0.00	3,931	177.56	0.00
7.80	0.00	3,931	177.56	0.00
7.90	0.00	3,931	177.56	0.00
8.00	0.00	3,931	177.56	0.00
8.10	0.00	3,931	177.56	0.00
8.20	0.00	3,931	177.56	0.00
8.30	0.00	3,931	177.56	0.00
8.40	0.00	3,931	177.56	0.00
8.50	0.00	3,931	177.56	0.00
8.60	0.00	3,931	177.56	0.00
8.70	0.00	3,931	177.56	0.00
8.80	0.00	3,931	177.56	0.00
8.90	0.00	3,931	177.56	0.00
9.00	0.00	3,931	177.56	0.00
9.10	0.00	3,931	177.56	0.00
9.20	0.00	3,931	177.56	0.00
9.30	0.00	3,931	177.56	0.00
9.40	0.00	3,931	177.56	0.00
9.50	0.00	3,931	177.56	0.00
9.60	0.00	3,931	177.56	0.00
9.70	0.00	3,931	177.56	0.00
9.80	0.00	3,931	177.56	0.00
9.90	0.00	3,931	177.56	0.00
10.00	0.00	3,931	177.56	0.00
10.10	0.00	3,931	177.56	0.00
10.20	0.00	3,931	177.56	0.00
10.30	0.00	3,931	177.56	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,931	177.56	0.00
10.50	0.00	3,931	177.56	0.00
10.60	0.00	3,931	177.56	0.00
10.70	0.00	3,931	177.56	0.00
10.80	0.00	3,931	177.56	0.00
10.90	0.00	3,931	177.56	0.00
11.00	0.00	3,931	177.56	0.00
11.10	0.00	3,931	177.56	0.00
11.20	0.00	3,931	177.56	0.00
11.30	0.00	3,931	177.56	0.00
11.40	0.00	3,931	177.56	0.00
11.50	0.00	3,931	177.56	0.00
11.60	0.00	3,931	177.56	0.00
11.70	0.00	3,931	177.56	0.00
11.80	0.00	3,931	177.56	0.00
11.90	0.00	3,931	177.56	0.00
12.00	0.00	3,931	177.56	0.00
12.10	0.00	3,931	177.56	0.00
12.20	0.00	3,931	177.56	0.00
12.30	0.00	3,931	177.56	0.00
12.40	0.00	3,931	177.56	0.00
12.50	0.00	3,931	177.56	0.00
12.60	0.00	3,931	177.56	0.00
12.70	0.00	3,931	177.56	0.00
12.80	0.00	3,931	177.56	0.00
12.90	0.00	3,931	177.56	0.00
13.00	0.00	3,931	177.56	0.00
13.10	0.00	3,931	177.56	0.00
13.20	0.00	3,931	177.56	0.00
13.30	0.00	3,931	177.56	0.00
13.40	0.00	3,931	177.56	0.00
13.50	0.00	3,931	177.56	0.00
13.60	0.00	3,931	177.56	0.00
13.70	0.00	3,931	177.56	0.00
13.80	0.00	3,931	177.56	0.00
13.90	0.00	3,931	177.56	0.00
14.00	0.00	3,931	177.56	0.00
14.10	0.00	3,931	177.56	0.00
14.20	0.00	3,931	177.56	0.00
14.30	0.00	3,931	177.56	0.00
14.40	0.00	3,931	177.56	0.00
14.50	0.00	3,931	177.56	0.00
14.60	0.00	3,931	177.56	0.00
14.70	0.00	3,931	177.56	0.00
14.80	0.00	3,931	177.56	0.00
14.90	0.00	3,931	177.56	0.00
15.00	0.00	3,931	177.56	0.00
15.10	0.00	3,931	177.56	0.00
15.20	0.00	3,931	177.56	0.00
15.30	0.00	3,931	177.56	0.00
15.40	0.00	3,931	177.56	0.00
15.50	0.00	3,931	177.56	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,931	177.56	0.00
15.70	0.00	3,931	177.56	0.00
15.80	0.00	3,931	177.56	0.00
15.90	0.00	3,931	177.56	0.00
16.00	0.00	3,931	177.56	0.00
16.10	0.00	3,931	177.56	0.00
16.20	0.00	3,931	177.56	0.00
16.30	0.00	3,931	177.56	0.00
16.40	0.00	3,931	177.56	0.00
16.50	0.00	3,931	177.56	0.00
16.60	0.00	3,931	177.56	0.00
16.70	0.00	3,931	177.56	0.00
16.80	0.00	3,931	177.56	0.00
16.90	0.00	3,931	177.56	0.00
17.00	0.00	3,931	177.56	0.00
17.10	0.00	3,931	177.56	0.00
17.20	0.00	3,931	177.56	0.00
17.30	0.00	3,931	177.56	0.00
17.40	0.00	3,931	177.56	0.00
17.50	0.00	3,931	177.56	0.00
17.60	0.00	3,931	177.56	0.00
17.70	0.00	3,931	177.56	0.00
17.80	0.00	3,931	177.56	0.00
17.90	0.00	3,931	177.56	0.00
18.00	0.00	3,931	177.56	0.00
18.10	0.00	3,931	177.56	0.00
18.20	0.00	3,931	177.56	0.00
18.30	0.00	3,931	177.56	0.00
18.40	0.00	3,931	177.56	0.00
18.50	0.00	3,931	177.56	0.00
18.60	0.00	3,931	177.56	0.00
18.70	0.00	3,931	177.56	0.00
18.80	0.00	3,931	177.56	0.00
18.90	0.00	3,931	177.56	0.00
19.00	0.00	3,931	177.56	0.00
19.10	0.00	3,931	177.56	0.00
19.20	0.00	3,931	177.56	0.00
19.30	0.00	3,931	177.56	0.00
19.40	0.00	3,931	177.56	0.00
19.50	0.00	3,931	177.56	0.00
19.60	0.00	3,931	177.56	0.00
19.70	0.00	3,931	177.56	0.00
19.80	0.00	3,931	177.56	0.00
19.90	0.00	3,931	177.56	0.00
20.00	0.00	3,931	177.56	0.00
20.10	0.00	3,931	177.56	0.00
20.20	0.00	3,931	177.56	0.00
20.30	0.00	3,931	177.56	0.00
20.40	0.00	3,931	177.56	0.00
20.50	0.00	3,931	177.56	0.00
20.60	0.00	3,931	177.56	0.00
20.70	0.00	3,931	177.56	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,931	177.56	0.00
20.90	0.00	3,931	177.56	0.00
21.00	0.00	3,931	177.56	0.00
21.10	0.00	3,931	177.56	0.00
21.20	0.00	3,931	177.56	0.00
21.30	0.00	3,931	177.56	0.00
21.40	0.00	3,931	177.56	0.00
21.50	0.00	3,931	177.56	0.00
21.60	0.00	3,931	177.56	0.00
21.70	0.00	3,931	177.56	0.00
21.80	0.00	3,931	177.56	0.00
21.90	0.00	3,931	177.56	0.00
22.00	0.00	3,931	177.56	0.00
22.10	0.00	3,931	177.56	0.00
22.20	0.00	3,931	177.56	0.00
22.30	0.00	3,931	177.56	0.00
22.40	0.00	3,931	177.56	0.00
22.50	0.00	3,931	177.56	0.00
22.60	0.00	3,931	177.56	0.00
22.70	0.00	3,931	177.56	0.00
22.80	0.00	3,931	177.56	0.00
22.90	0.00	3,931	177.56	0.00
23.00	0.00	3,931	177.56	0.00
23.10	0.00	3,931	177.56	0.00
23.20	0.00	3,931	177.56	0.00
23.30	0.00	3,931	177.56	0.00
23.40	0.00	3,931	177.56	0.00
23.50	0.00	3,931	177.56	0.00
23.60	0.00	3,931	177.56	0.00
23.70	0.00	3,931	177.56	0.00
23.80	0.00	3,931	177.56	0.00
23.90	0.00	3,931	177.56	0.00
24.00	0.00	3,931	177.56	0.00
24.10	0.00	3,931	177.56	0.00
24.20	0.00	3,931	177.56	0.00
24.30	0.00	3,931	177.56	0.00
24.40	0.00	3,931	177.56	0.00
24.50	0.00	3,931	177.56	0.00
24.60	0.00	3,931	177.56	0.00
24.70	0.00	3,931	177.56	0.00
24.80	0.00	3,931	177.56	0.00
24.90	0.00	3,931	177.56	0.00
25.00	0.00	3,931	177.56	0.00
25.10	0.00	3,931	177.56	0.00
25.20	0.00	3,931	177.56	0.00
25.30	0.00	3,931	177.56	0.00
25.40	0.00	3,931	177.56	0.00
25.50	0.00	3,931	177.56	0.00
25.60	0.00	3,931	177.56	0.00
25.70	0.00	3,931	177.56	0.00
25.80	0.00	3,931	177.56	0.00
25.90	0.00	3,931	177.56	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,931	177.56	0.00
26.10	0.00	3,931	177.56	0.00
26.20	0.00	3,931	177.56	0.00
26.30	0.00	3,931	177.56	0.00
26.40	0.00	3,931	177.56	0.00
26.50	0.00	3,931	177.56	0.00
26.60	0.00	3,931	177.56	0.00
26.70	0.00	3,931	177.56	0.00
26.80	0.00	3,931	177.56	0.00
26.90	0.00	3,931	177.56	0.00
27.00	0.00	3,931	177.56	0.00
27.10	0.00	3,931	177.56	0.00
27.20	0.00	3,931	177.56	0.00
27.30	0.00	3,931	177.56	0.00
27.40	0.00	3,931	177.56	0.00
27.50	0.00	3,931	177.56	0.00
27.60	0.00	3,931	177.56	0.00
27.70	0.00	3,931	177.56	0.00
27.80	0.00	3,931	177.56	0.00
27.90	0.00	3,931	177.56	0.00
28.00	0.00	3,931	177.56	0.00
28.10	0.00	3,931	177.56	0.00
28.20	0.00	3,931	177.56	0.00
28.30	0.00	3,931	177.56	0.00
28.40	0.00	3,931	177.56	0.00
28.50	0.00	3,931	177.56	0.00
28.60	0.00	3,931	177.56	0.00
28.70	0.00	3,931	177.56	0.00
28.80	0.00	3,931	177.56	0.00
28.90	0.00	3,931	177.56	0.00
29.00	0.00	3,931	177.56	0.00
29.10	0.00	3,931	177.56	0.00
29.20	0.00	3,931	177.56	0.00
29.30	0.00	3,931	177.56	0.00
29.40	0.00	3,931	177.56	0.00
29.50	0.00	3,931	177.56	0.00
29.60	0.00	3,931	177.56	0.00
29.70	0.00	3,931	177.56	0.00
29.80	0.00	3,931	177.56	0.00
29.90	0.00	3,931	177.56	0.00
30.00	0.00	3,931	177.56	0.00
30.10	0.00	3,931	177.56	0.00
30.20	0.00	3,931	177.56	0.00
30.30	0.00	3,931	177.56	0.00
30.40	0.00	3,931	177.56	0.00
30.50	0.00	3,931	177.56	0.00
30.60	0.00	3,931	177.56	0.00
30.70	0.00	3,931	177.56	0.00
30.80	0.00	3,931	177.56	0.00
30.90	0.00	3,931	177.56	0.00
31.00	0.00	3,931	177.56	0.00
31.10	0.00	3,931	177.56	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,931	177.56	0.00
31.30	0.00	3,931	177.56	0.00
31.40	0.00	3,931	177.56	0.00
31.50	0.00	3,931	177.56	0.00
31.60	0.00	3,931	177.56	0.00
31.70	0.00	3,931	177.56	0.00
31.80	0.00	3,931	177.56	0.00
31.90	0.00	3,931	177.56	0.00
32.00	0.00	3,931	177.56	0.00
32.10	0.00	3,931	177.56	0.00
32.20	0.00	3,931	177.56	0.00
32.30	0.00	3,931	177.56	0.00
32.40	0.00	3,931	177.56	0.00
32.50	0.00	3,931	177.56	0.00
32.60	0.00	3,931	177.56	0.00
32.70	0.00	3,931	177.56	0.00
32.80	0.00	3,931	177.56	0.00
32.90	0.00	3,931	177.56	0.00
33.00	0.00	3,931	177.56	0.00
33.10	0.00	3,931	177.56	0.00
33.20	0.00	3,931	177.56	0.00
33.30	0.00	3,931	177.56	0.00
33.40	0.00	3,931	177.56	0.00
33.50	0.00	3,931	177.56	0.00
33.60	0.00	3,931	177.56	0.00
33.70	0.00	3,931	177.56	0.00
33.80	0.00	3,931	177.56	0.00
33.90	0.00	3,931	177.56	0.00
34.00	0.00	3,931	177.56	0.00
34.10	0.00	3,931	177.56	0.00
34.20	0.00	3,931	177.56	0.00
34.30	0.00	3,931	177.56	0.00
34.40	0.00	3,931	177.56	0.00
34.50	0.00	3,931	177.56	0.00
34.60	0.00	3,931	177.56	0.00
34.70	0.00	3,931	177.56	0.00
34.80	0.00	3,931	177.56	0.00
34.90	0.00	3,931	177.56	0.00
35.00	0.00	3,931	177.56	0.00
35.10	0.00	3,931	177.56	0.00
35.20	0.00	3,931	177.56	0.00
35.30	0.00	3,931	177.56	0.00
35.40	0.00	3,931	177.56	0.00
35.50	0.00	3,931	177.56	0.00
35.60	0.00	3,931	177.56	0.00
35.70	0.00	3,931	177.56	0.00
35.80	0.00	3,931	177.56	0.00
35.90	0.00	3,931	177.56	0.00
36.00	0.00	3,931	177.56	0.00
36.10	0.00	3,931	177.56	0.00
36.20	0.00	3,931	177.56	0.00
36.30	0.00	3,931	177.56	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,931	177.56	0.00
36.50	0.00	3,931	177.56	0.00
36.60	0.00	3,931	177.56	0.00
36.70	0.00	3,931	177.56	0.00
36.80	0.00	3,931	177.56	0.00
36.90	0.00	3,931	177.56	0.00
37.00	0.00	3,931	177.56	0.00
37.10	0.00	3,931	177.56	0.00
37.20	0.00	3,931	177.56	0.00
37.30	0.00	3,931	177.56	0.00
37.40	0.00	3,931	177.56	0.00
37.50	0.00	3,931	177.56	0.00
37.60	0.00	3,931	177.56	0.00
37.70	0.00	3,931	177.56	0.00
37.80	0.00	3,931	177.56	0.00
37.90	0.00	3,931	177.56	0.00
38.00	0.00	3,931	177.56	0.00
38.10	0.00	3,931	177.56	0.00
38.20	0.00	3,931	177.56	0.00
38.30	0.00	3,931	177.56	0.00
38.40	0.00	3,931	177.56	0.00
38.50	0.00	3,931	177.56	0.00
38.60	0.00	3,931	177.56	0.00
38.70	0.00	3,931	177.56	0.00
38.80	0.00	3,931	177.56	0.00
38.90	0.00	3,931	177.56	0.00
39.00	0.00	3,931	177.56	0.00
39.10	0.00	3,931	177.56	0.00
39.20	0.00	3,931	177.56	0.00
39.30	0.00	3,931	177.56	0.00
39.40	0.00	3,931	177.56	0.00
39.50	0.00	3,931	177.56	0.00
39.60	0.00	3,931	177.56	0.00
39.70	0.00	3,931	177.56	0.00
39.80	0.00	3,931	177.56	0.00
39.90	0.00	3,931	177.56	0.00
40.00	0.00	3,931	177.56	0.00

Stage-Discharge for Pond B-43: Basin #43

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
177.00	0.00	177.52	0.00	178.04	0.10	178.56	0.16
177.01	0.00	177.53	0.00	178.05	0.10	178.57	0.16
177.02	0.00	177.54	0.00	178.06	0.10	178.58	0.16
177.03	0.00	177.55	0.00	178.07	0.10	178.59	0.16
177.04	0.00	177.56	0.00	178.08	0.11	178.60	0.16
177.05	0.00	177.57	0.00	178.09	0.11	178.61	0.16
177.06	0.00	177.58	0.00	178.10	0.11	178.62	0.16
177.07	0.00	177.59	0.00	178.11	0.11	178.63	0.16
177.08	0.00	177.60	0.00	178.12	0.11	178.64	0.16
177.09	0.00	177.61	0.00	178.13	0.11	178.65	0.16
177.10	0.00	177.62	0.01	178.14	0.11	178.66	0.16
177.11	0.00	177.63	0.01	178.15	0.11	178.67	0.16
177.12	0.00	177.64	0.01	178.16	0.12	178.68	0.17
177.13	0.00	177.65	0.01	178.17	0.12	178.69	0.17
177.14	0.00	177.66	0.02	178.18	0.12	178.70	0.17
177.15	0.00	177.67	0.02	178.19	0.12	178.71	0.17
177.16	0.00	177.68	0.02	178.20	0.12	178.72	0.17
177.17	0.00	177.69	0.03	178.21	0.12	178.73	0.17
177.18	0.00	177.70	0.03	178.22	0.12	178.74	0.17
177.19	0.00	177.71	0.03	178.23	0.12	178.75	0.17
177.20	0.00	177.72	0.04	178.24	0.12	178.76	0.17
177.21	0.00	177.73	0.04	178.25	0.13	178.77	0.17
177.22	0.00	177.74	0.05	178.26	0.13	178.78	0.17
177.23	0.00	177.75	0.05	178.27	0.13	178.79	0.17
177.24	0.00	177.76	0.05	178.28	0.13	178.80	0.17
177.25	0.00	177.77	0.05	178.29	0.13	178.81	0.18
177.26	0.00	177.78	0.06	178.30	0.13	178.82	0.18
177.27	0.00	177.79	0.06	178.31	0.13	178.83	0.18
177.28	0.00	177.80	0.06	178.32	0.13	178.84	0.18
177.29	0.00	177.81	0.06	178.33	0.13	178.85	0.18
177.30	0.00	177.82	0.06	178.34	0.13	178.86	0.18
177.31	0.00	177.83	0.07	178.35	0.14	178.87	0.18
177.32	0.00	177.84	0.07	178.36	0.14	178.88	0.18
177.33	0.00	177.85	0.07	178.37	0.14	178.89	0.18
177.34	0.00	177.86	0.07	178.38	0.14	178.90	0.18
177.35	0.00	177.87	0.07	178.39	0.14	178.91	0.20
177.36	0.00	177.88	0.08	178.40	0.14	178.92	0.22
177.37	0.00	177.89	0.08	178.41	0.14	178.93	0.25
177.38	0.00	177.90	0.08	178.42	0.14	178.94	0.29
177.39	0.00	177.91	0.08	178.43	0.14	178.95	0.33
177.40	0.00	177.92	0.08	178.44	0.14	178.96	0.38
177.41	0.00	177.93	0.08	178.45	0.15	178.97	0.43
177.42	0.00	177.94	0.09	178.46	0.15	178.98	0.48
177.43	0.00	177.95	0.09	178.47	0.15	178.99	0.54
177.44	0.00	177.96	0.09	178.48	0.15	179.00	0.60
177.45	0.00	177.97	0.09	178.49	0.15	179.01	0.66
177.46	0.00	177.98	0.09	178.50	0.15	179.02	0.73
177.47	0.00	177.99	0.09	178.51	0.15	179.03	0.80
177.48	0.00	178.00	0.10	178.52	0.15	179.04	0.87
177.49	0.00	178.01	0.10	178.53	0.15	179.05	0.95
177.50	0.00	178.02	0.10	178.54	0.15	179.06	1.02
177.51	0.00	178.03	0.10	178.55	0.15	179.07	1.10

Stage-Discharge for Pond B-43: Basin #43 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.08	1.19	179.60	7.62	180.12	14.91	180.64	22.29
179.09	1.27	179.61	7.78	180.13	14.93	180.65	22.99
179.10	1.35	179.62	7.93	180.14	14.96	180.66	23.71
179.11	1.44	179.63	8.09	180.15	14.98	180.67	24.46
179.12	1.53	179.64	8.25	180.16	15.01	180.68	25.22
179.13	1.62	179.65	8.41	180.17	15.03	180.69	26.01
179.14	1.72	179.66	8.57	180.18	15.05	180.70	26.82
179.15	1.81	179.67	8.73	180.19	15.08	180.71	27.69
179.16	1.91	179.68	8.89	180.20	15.10	180.72	28.58
179.17	2.01	179.69	9.06	180.21	15.13	180.73	29.50
179.18	2.11	179.70	9.22	180.22	15.15	180.74	30.45
179.19	2.22	179.71	9.38	180.23	15.17	180.75	31.42
179.20	2.32	179.72	9.55	180.24	15.20	180.76	32.42
179.21	2.43	179.73	9.72	180.25	15.22	180.77	33.44
179.22	2.53	179.74	9.88	180.26	15.24	180.78	34.48
179.23	2.64	179.75	10.05	180.27	15.27	180.79	35.55
179.24	2.76	179.76	10.22	180.28	15.29	180.80	36.65
179.25	2.87	179.77	10.39	180.29	15.32	180.81	37.76
179.26	2.98	179.78	10.56	180.30	15.34	180.82	38.91
179.27	3.10	179.79	10.73	180.31	15.36	180.83	40.08
179.28	3.21	179.80	10.91	180.32	15.39	180.84	41.27
179.29	3.33	179.81	11.08	180.33	15.41	180.85	42.48
179.30	3.45	179.82	11.25	180.34	15.43	180.86	43.72
179.31	3.57	179.83	11.43	180.35	15.46	180.87	44.99
179.32	3.70	179.84	11.60	180.36	15.48	180.88	46.28
179.33	3.82	179.85	11.78	180.37	15.50	180.89	47.59
179.34	3.95	179.86	11.96	180.38	15.53	180.90	48.93
179.35	4.07	179.87	12.13	180.39	15.55	180.91	50.31
179.36	4.20	179.88	12.31	180.40	15.57	180.92	51.73
179.37	4.33	179.89	12.49	180.41	15.60	180.93	53.17
179.38	4.46	179.90	12.67	180.42	15.62	180.94	54.63
179.39	4.59	179.91	12.85	180.43	15.64	180.95	56.12
179.40	4.73	179.92	13.03	180.44	15.67	180.96	57.64
179.41	4.86	179.93	13.22	180.45	15.69	180.97	59.19
179.42	4.99	179.94	13.40	180.46	15.71	180.98	60.76
179.43	5.13	179.95	13.58	180.47	15.74	180.99	62.35
179.44	5.27	179.96	13.77	180.48	15.76	181.00	63.98
179.45	5.41	179.97	13.95	180.49	15.78		
179.46	5.55	179.98	14.14	180.50	15.80		
179.47	5.69	179.99	14.32	180.51	15.94		
179.48	5.83	180.00	14.51	180.52	16.18		
179.49	5.97	180.01	14.64	180.53	16.48		
179.50	6.12	180.02	14.66	180.54	16.83		
179.51	6.26	180.03	14.69	180.55	17.23		
179.52	6.41	180.04	14.71	180.56	17.67		
179.53	6.56	180.05	14.74	180.57	18.14		
179.54	6.71	180.06	14.76	180.58	18.64		
179.55	6.86	180.07	14.79	180.59	19.18		
179.56	7.01	180.08	14.81	180.60	19.75		
179.57	7.16	180.09	14.84	180.61	20.35		
179.58	7.31	180.10	14.86	180.62	20.97		
179.59	7.47	180.11	14.88	180.63	21.62		

Stage-Area-Storage for Pond B-43: Basin #43

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.00	7,055	0	177.52	7,055	3,669
177.01	7,055	71	177.53	7,055	3,739
177.02	7,055	141	177.54	7,055	3,810
177.03	7,055	212	177.55	7,055	3,880
177.04	7,055	282	177.56	7,055	3,951
177.05	7,055	353	177.57	7,055	4,021
177.06	7,055	423	177.58	7,055	4,092
177.07	7,055	494	177.59	7,055	4,162
177.08	7,055	564	177.60	7,055	4,233
177.09	7,055	635	177.61	7,055	4,304
177.10	7,055	705	177.62	7,055	4,374
177.11	7,055	776	177.63	7,055	4,445
177.12	7,055	847	177.64	7,055	4,515
177.13	7,055	917	177.65	7,055	4,586
177.14	7,055	988	177.66	7,055	4,656
177.15	7,055	1,058	177.67	7,055	4,727
177.16	7,055	1,129	177.68	7,055	4,797
177.17	7,055	1,199	177.69	7,055	4,868
177.18	7,055	1,270	177.70	7,055	4,938
177.19	7,055	1,340	177.71	7,055	5,009
177.20	7,055	1,411	177.72	7,055	5,080
177.21	7,055	1,482	177.73	7,055	5,150
177.22	7,055	1,552	177.74	7,055	5,221
177.23	7,055	1,623	177.75	7,055	5,291
177.24	7,055	1,693	177.76	7,055	5,362
177.25	7,055	1,764	177.77	7,055	5,432
177.26	7,055	1,834	177.78	7,055	5,503
177.27	7,055	1,905	177.79	7,055	5,573
177.28	7,055	1,975	177.80	7,055	5,644
177.29	7,055	2,046	177.81	7,055	5,715
177.30	7,055	2,117	177.82	7,055	5,785
177.31	7,055	2,187	177.83	7,055	5,856
177.32	7,055	2,258	177.84	7,055	5,926
177.33	7,055	2,328	177.85	7,055	5,997
177.34	7,055	2,399	177.86	7,055	6,067
177.35	7,055	2,469	177.87	7,055	6,138
177.36	7,055	2,540	177.88	7,055	6,208
177.37	7,055	2,610	177.89	7,055	6,279
177.38	7,055	2,681	177.90	7,055	6,350
177.39	7,055	2,751	177.91	7,055	6,420
177.40	7,055	2,822	177.92	7,055	6,491
177.41	7,055	2,893	177.93	7,055	6,561
177.42	7,055	2,963	177.94	7,055	6,632
177.43	7,055	3,034	177.95	7,055	6,702
177.44	7,055	3,104	177.96	7,055	6,773
177.45	7,055	3,175	177.97	7,055	6,843
177.46	7,055	3,245	177.98	7,055	6,914
177.47	7,055	3,316	177.99	7,055	6,984
177.48	7,055	3,386	178.00	7,055	7,055
177.49	7,055	3,457	178.01	7,055	7,126
177.50	7,055	3,528	178.02	7,055	7,196
177.51	7,055	3,598	178.03	7,055	7,267

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.04	7,055	7,337	178.56	7,055	11,006
178.05	7,055	7,408	178.57	7,055	11,076
178.06	7,055	7,478	178.58	7,055	11,147
178.07	7,055	7,549	178.59	7,055	11,217
178.08	7,055	7,619	178.60	7,055	11,288
178.09	7,055	7,690	178.61	7,055	11,359
178.10	7,055	7,760	178.62	7,055	11,429
178.11	7,055	7,831	178.63	7,055	11,500
178.12	7,055	7,902	178.64	7,055	11,570
178.13	7,055	7,972	178.65	7,055	11,641
178.14	7,055	8,043	178.66	7,055	11,711
178.15	7,055	8,113	178.67	7,055	11,782
178.16	7,055	8,184	178.68	7,055	11,852
178.17	7,055	8,254	178.69	7,055	11,923
178.18	7,055	8,325	178.70	7,055	11,993
178.19	7,055	8,395	178.71	7,055	12,064
178.20	7,055	8,466	178.72	7,055	12,135
178.21	7,055	8,537	178.73	7,055	12,205
178.22	7,055	8,607	178.74	7,055	12,276
178.23	7,055	8,678	178.75	7,055	12,346
178.24	7,055	8,748	178.76	7,055	12,417
178.25	7,055	8,819	178.77	7,055	12,487
178.26	7,055	8,889	178.78	7,055	12,558
178.27	7,055	8,960	178.79	7,055	12,628
178.28	7,055	9,030	178.80	7,055	12,699
178.29	7,055	9,101	178.81	7,055	12,770
178.30	7,055	9,172	178.82	7,055	12,840
178.31	7,055	9,242	178.83	7,055	12,911
178.32	7,055	9,313	178.84	7,055	12,981
178.33	7,055	9,383	178.85	7,055	13,052
178.34	7,055	9,454	178.86	7,055	13,122
178.35	7,055	9,524	178.87	7,055	13,193
178.36	7,055	9,595	178.88	7,055	13,263
178.37	7,055	9,665	178.89	7,055	13,334
178.38	7,055	9,736	178.90	7,055	13,405
178.39	7,055	9,806	178.91	7,055	13,475
178.40	7,055	9,877	178.92	7,055	13,546
178.41	7,055	9,948	178.93	7,055	13,616
178.42	7,055	10,018	178.94	7,055	13,687
178.43	7,055	10,089	178.95	7,055	13,757
178.44	7,055	10,159	178.96	7,055	13,828
178.45	7,055	10,230	178.97	7,055	13,898
178.46	7,055	10,300	178.98	7,055	13,969
178.47	7,055	10,371	178.99	7,055	14,039
178.48	7,055	10,441	179.00	7,055	14,110
178.49	7,055	10,512	179.01	7,055	14,181
178.50	7,055	10,583	179.02	7,055	14,251
178.51	7,055	10,653	179.03	7,055	14,322
178.52	7,055	10,724	179.04	7,055	14,392
178.53	7,055	10,794	179.05	7,055	14,463
178.54	7,055	10,865	179.06	7,055	14,533
178.55	7,055	10,935	179.07	7,055	14,604

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.08	7,055	14,674	179.60	7,055	18,343
179.09	7,055	14,745	179.61	7,055	18,414
179.10	7,055	14,815	179.62	7,055	18,484
179.11	7,055	14,886	179.63	7,055	18,555
179.12	7,055	14,957	179.64	7,055	18,625
179.13	7,055	15,027	179.65	7,055	18,696
179.14	7,055	15,098	179.66	7,055	18,766
179.15	7,055	15,168	179.67	7,055	18,837
179.16	7,055	15,239	179.68	7,055	18,907
179.17	7,055	15,309	179.69	7,055	18,978
179.18	7,055	15,380	179.70	7,055	19,048
179.19	7,055	15,450	179.71	7,055	19,119
179.20	7,055	15,521	179.72	7,055	19,190
179.21	7,055	15,592	179.73	7,055	19,260
179.22	7,055	15,662	179.74	7,055	19,331
179.23	7,055	15,733	179.75	7,055	19,401
179.24	7,055	15,803	179.76	7,055	19,472
179.25	7,055	15,874	179.77	7,055	19,542
179.26	7,055	15,944	179.78	7,055	19,613
179.27	7,055	16,015	179.79	7,055	19,683
179.28	7,055	16,085	179.80	7,055	19,754
179.29	7,055	16,156	179.81	7,055	19,825
179.30	7,055	16,227	179.82	7,055	19,895
179.31	7,055	16,297	179.83	7,055	19,966
179.32	7,055	16,368	179.84	7,055	20,036
179.33	7,055	16,438	179.85	7,055	20,107
179.34	7,055	16,509	179.86	7,055	20,177
179.35	7,055	16,579	179.87	7,055	20,248
179.36	7,055	16,650	179.88	7,055	20,318
179.37	7,055	16,720	179.89	7,055	20,389
179.38	7,055	16,791	179.90	7,055	20,460
179.39	7,055	16,861	179.91	7,055	20,530
179.40	7,055	16,932	179.92	7,055	20,601
179.41	7,055	17,003	179.93	7,055	20,671
179.42	7,055	17,073	179.94	7,055	20,742
179.43	7,055	17,144	179.95	7,055	20,812
179.44	7,055	17,214	179.96	7,055	20,883
179.45	7,055	17,285	179.97	7,055	20,953
179.46	7,055	17,355	179.98	7,055	21,024
179.47	7,055	17,426	179.99	7,055	21,094
179.48	7,055	17,496	180.00	7,055	21,165
179.49	7,055	17,567	180.01	7,055	21,236
179.50	7,055	17,638	180.02	7,055	21,306
179.51	7,055	17,708	180.03	7,055	21,377
179.52	7,055	17,779	180.04	7,055	21,447
179.53	7,055	17,849	180.05	7,055	21,518
179.54	7,055	17,920	180.06	7,055	21,588
179.55	7,055	17,990	180.07	7,055	21,659
179.56	7,055	18,061	180.08	7,055	21,729
179.57	7,055	18,131	180.09	7,055	21,800
179.58	7,055	18,202	180.10	7,055	21,870
179.59	7,055	18,272	180.11	7,055	21,941

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.12	7,055	22,012	180.64	7,055	25,680
180.13	7,055	22,082	180.65	7,055	25,751
180.14	7,055	22,153	180.66	7,055	25,821
180.15	7,055	22,223	180.67	7,055	25,892
180.16	7,055	22,294	180.68	7,055	25,962
180.17	7,055	22,364	180.69	7,055	26,033
180.18	7,055	22,435	180.70	7,055	26,103
180.19	7,055	22,505	180.71	7,055	26,174
180.20	7,055	22,576	180.72	7,055	26,245
180.21	7,055	22,647	180.73	7,055	26,315
180.22	7,055	22,717	180.74	7,055	26,386
180.23	7,055	22,788	180.75	7,055	26,456
180.24	7,055	22,858	180.76	7,055	26,527
180.25	7,055	22,929	180.77	7,055	26,597
180.26	7,055	22,999	180.78	7,055	26,668
180.27	7,055	23,070	180.79	7,055	26,738
180.28	7,055	23,140	180.80	7,055	26,809
180.29	7,055	23,211	180.81	7,055	26,880
180.30	7,055	23,282	180.82	7,055	26,950
180.31	7,055	23,352	180.83	7,055	27,021
180.32	7,055	23,423	180.84	7,055	27,091
180.33	7,055	23,493	180.85	7,055	27,162
180.34	7,055	23,564	180.86	7,055	27,232
180.35	7,055	23,634	180.87	7,055	27,303
180.36	7,055	23,705	180.88	7,055	27,373
180.37	7,055	23,775	180.89	7,055	27,444
180.38	7,055	23,846	180.90	7,055	27,515
180.39	7,055	23,916	180.91	7,055	27,585
180.40	7,055	23,987	180.92	7,055	27,656
180.41	7,055	24,058	180.93	7,055	27,726
180.42	7,055	24,128	180.94	7,055	27,797
180.43	7,055	24,199	180.95	7,055	27,867
180.44	7,055	24,269	180.96	7,055	27,938
180.45	7,055	24,340	180.97	7,055	28,008
180.46	7,055	24,410	180.98	7,055	28,079
180.47	7,055	24,481	180.99	7,055	28,149
180.48	7,055	24,551	181.00	7,055	28,220
180.49	7,055	24,622			
180.50	7,055	24,693			
180.51	7,055	24,763			
180.52	7,055	24,834			
180.53	7,055	24,904			
180.54	7,055	24,975			
180.55	7,055	25,045			
180.56	7,055	25,116			
180.57	7,055	25,186			
180.58	7,055	25,257			
180.59	7,055	25,327			
180.60	7,055	25,398			
180.61	7,055	25,469			
180.62	7,055	25,539			
180.63	7,055	25,610			

Summary for Pond B-44: Basin #44

Inflow Area = 1.184 ac, 34.71% Impervious, Inflow Depth = 0.41" for WQ Storm event
 Inflow = 1.10 cfs @ 1.15 hrs, Volume= 0.040 af
 Outflow = 0.00 cfs @ 2.56 hrs, Volume= 0.000 af, Atten= 100%, Lag= 84.1 min
 Primary = 0.00 cfs @ 2.56 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 166.22' @ 2.56 hrs Surf.Area= 7,939 sf Storage= 1,750 cf

Plug-Flow detention time= 1,111.0 min calculated for 0.000 af (0% of inflow)
 Center-of-Mass det. time= 1,063.1 min (1,139.2 - 76.1)

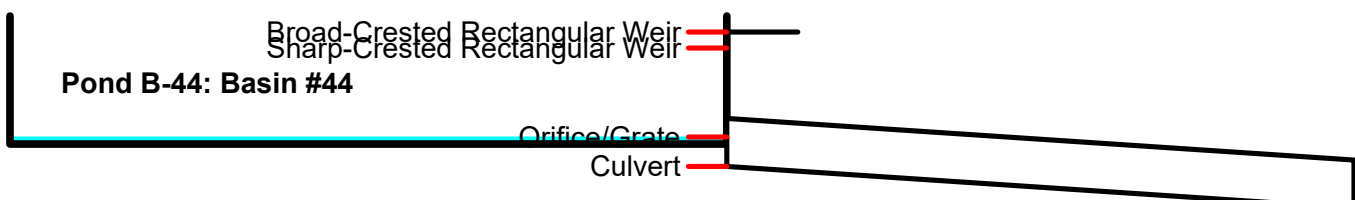
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	31,756 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,939	0	0
167.00	7,939	7,939	7,939
168.00	7,939	7,939	15,878
169.00	7,939	7,939	23,817
170.00	7,939	7,939	31,756

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 44.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0295 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

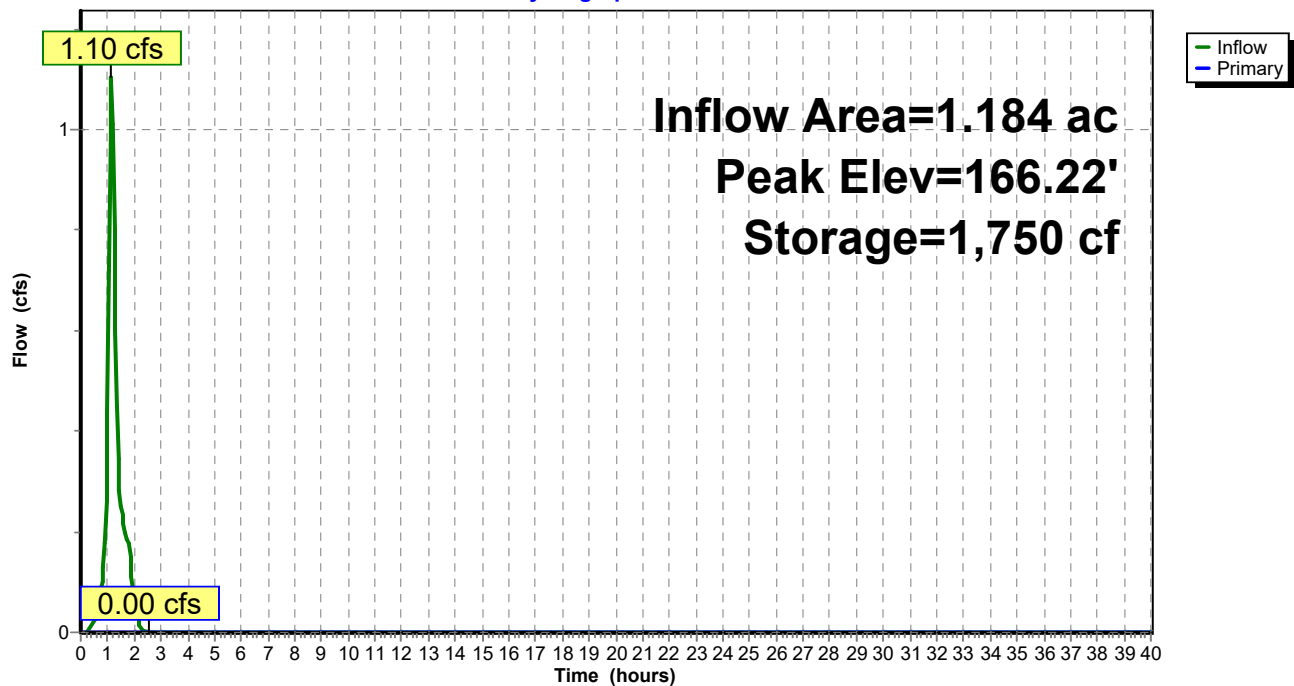
Primary OutFlow Max=0.00 cfs @ 2.56 hrs HW=166.22' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 3.71 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.08 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-44: Basin #44

Hydrograph



Hydrograph for Pond B-44: Basin #44

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.02	3	166.00	0.00
0.60	0.04	14	166.00	0.00
0.70	0.07	35	166.00	0.00
0.80	0.10	66	166.01	0.00
0.90	0.18	114	166.01	0.00
1.00	0.43	216	166.03	0.00
1.10	0.98	472	166.06	0.00
1.20	1.01	849	166.11	0.00
1.30	0.60	1,139	166.14	0.00
1.40	0.34	1,305	166.16	0.00
1.50	0.25	1,409	166.18	0.00
1.60	0.22	1,493	166.19	0.00
1.70	0.19	1,565	166.20	0.00
1.80	0.17	1,629	166.21	0.00
1.90	0.11	1,682	166.21	0.00
2.00	0.07	1,714	166.22	0.00
2.10	0.05	1,737	166.22	0.00
2.20	0.01	1,747	166.22	0.00
2.30	0.00	1,750	166.22	0.00
2.40	0.00	1,750	166.22	0.00
2.50	0.00	1,750	166.22	0.00
2.60	0.00	1,750	166.22	0.00
2.70	0.00	1,750	166.22	0.00
2.80	0.00	1,750	166.22	0.00
2.90	0.00	1,750	166.22	0.00
3.00	0.00	1,750	166.22	0.00
3.10	0.00	1,750	166.22	0.00
3.20	0.00	1,750	166.22	0.00
3.30	0.00	1,750	166.22	0.00
3.40	0.00	1,750	166.22	0.00
3.50	0.00	1,750	166.22	0.00
3.60	0.00	1,750	166.22	0.00
3.70	0.00	1,750	166.22	0.00
3.80	0.00	1,750	166.22	0.00
3.90	0.00	1,750	166.22	0.00
4.00	0.00	1,750	166.22	0.00
4.10	0.00	1,750	166.22	0.00
4.20	0.00	1,750	166.22	0.00
4.30	0.00	1,750	166.22	0.00
4.40	0.00	1,750	166.22	0.00
4.50	0.00	1,750	166.22	0.00
4.60	0.00	1,750	166.22	0.00
4.70	0.00	1,750	166.22	0.00
4.80	0.00	1,750	166.22	0.00
4.90	0.00	1,750	166.22	0.00
5.00	0.00	1,750	166.22	0.00
5.10	0.00	1,750	166.22	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	1,750	166.22	0.00
5.30	0.00	1,750	166.22	0.00
5.40	0.00	1,750	166.22	0.00
5.50	0.00	1,750	166.22	0.00
5.60	0.00	1,750	166.22	0.00
5.70	0.00	1,750	166.22	0.00
5.80	0.00	1,750	166.22	0.00
5.90	0.00	1,750	166.22	0.00
6.00	0.00	1,750	166.22	0.00
6.10	0.00	1,750	166.22	0.00
6.20	0.00	1,750	166.22	0.00
6.30	0.00	1,750	166.22	0.00
6.40	0.00	1,750	166.22	0.00
6.50	0.00	1,750	166.22	0.00
6.60	0.00	1,750	166.22	0.00
6.70	0.00	1,750	166.22	0.00
6.80	0.00	1,750	166.22	0.00
6.90	0.00	1,750	166.22	0.00
7.00	0.00	1,750	166.22	0.00
7.10	0.00	1,750	166.22	0.00
7.20	0.00	1,750	166.22	0.00
7.30	0.00	1,750	166.22	0.00
7.40	0.00	1,750	166.22	0.00
7.50	0.00	1,750	166.22	0.00
7.60	0.00	1,750	166.22	0.00
7.70	0.00	1,750	166.22	0.00
7.80	0.00	1,750	166.22	0.00
7.90	0.00	1,750	166.22	0.00
8.00	0.00	1,750	166.22	0.00
8.10	0.00	1,750	166.22	0.00
8.20	0.00	1,750	166.22	0.00
8.30	0.00	1,750	166.22	0.00
8.40	0.00	1,750	166.22	0.00
8.50	0.00	1,750	166.22	0.00
8.60	0.00	1,750	166.22	0.00
8.70	0.00	1,750	166.22	0.00
8.80	0.00	1,750	166.22	0.00
8.90	0.00	1,750	166.22	0.00
9.00	0.00	1,750	166.22	0.00
9.10	0.00	1,750	166.22	0.00
9.20	0.00	1,750	166.22	0.00
9.30	0.00	1,750	166.22	0.00
9.40	0.00	1,750	166.22	0.00
9.50	0.00	1,750	166.22	0.00
9.60	0.00	1,750	166.22	0.00
9.70	0.00	1,750	166.22	0.00
9.80	0.00	1,750	166.22	0.00
9.90	0.00	1,750	166.22	0.00
10.00	0.00	1,750	166.22	0.00
10.10	0.00	1,750	166.22	0.00
10.20	0.00	1,750	166.22	0.00
10.30	0.00	1,750	166.22	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1,750	166.22	0.00
10.50	0.00	1,750	166.22	0.00
10.60	0.00	1,750	166.22	0.00
10.70	0.00	1,750	166.22	0.00
10.80	0.00	1,750	166.22	0.00
10.90	0.00	1,750	166.22	0.00
11.00	0.00	1,750	166.22	0.00
11.10	0.00	1,750	166.22	0.00
11.20	0.00	1,750	166.22	0.00
11.30	0.00	1,750	166.22	0.00
11.40	0.00	1,750	166.22	0.00
11.50	0.00	1,750	166.22	0.00
11.60	0.00	1,750	166.22	0.00
11.70	0.00	1,750	166.22	0.00
11.80	0.00	1,750	166.22	0.00
11.90	0.00	1,750	166.22	0.00
12.00	0.00	1,750	166.22	0.00
12.10	0.00	1,750	166.22	0.00
12.20	0.00	1,750	166.22	0.00
12.30	0.00	1,750	166.22	0.00
12.40	0.00	1,750	166.22	0.00
12.50	0.00	1,750	166.22	0.00
12.60	0.00	1,750	166.22	0.00
12.70	0.00	1,750	166.22	0.00
12.80	0.00	1,750	166.22	0.00
12.90	0.00	1,750	166.22	0.00
13.00	0.00	1,750	166.22	0.00
13.10	0.00	1,750	166.22	0.00
13.20	0.00	1,750	166.22	0.00
13.30	0.00	1,750	166.22	0.00
13.40	0.00	1,750	166.22	0.00
13.50	0.00	1,750	166.22	0.00
13.60	0.00	1,750	166.22	0.00
13.70	0.00	1,750	166.22	0.00
13.80	0.00	1,750	166.22	0.00
13.90	0.00	1,750	166.22	0.00
14.00	0.00	1,750	166.22	0.00
14.10	0.00	1,750	166.22	0.00
14.20	0.00	1,750	166.22	0.00
14.30	0.00	1,750	166.22	0.00
14.40	0.00	1,750	166.22	0.00
14.50	0.00	1,750	166.22	0.00
14.60	0.00	1,750	166.22	0.00
14.70	0.00	1,750	166.22	0.00
14.80	0.00	1,750	166.22	0.00
14.90	0.00	1,750	166.22	0.00
15.00	0.00	1,750	166.22	0.00
15.10	0.00	1,750	166.22	0.00
15.20	0.00	1,750	166.22	0.00
15.30	0.00	1,750	166.22	0.00
15.40	0.00	1,750	166.22	0.00
15.50	0.00	1,750	166.22	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	1,750	166.22	0.00
15.70	0.00	1,750	166.22	0.00
15.80	0.00	1,750	166.22	0.00
15.90	0.00	1,750	166.22	0.00
16.00	0.00	1,750	166.22	0.00
16.10	0.00	1,750	166.22	0.00
16.20	0.00	1,750	166.22	0.00
16.30	0.00	1,750	166.22	0.00
16.40	0.00	1,750	166.22	0.00
16.50	0.00	1,750	166.22	0.00
16.60	0.00	1,750	166.22	0.00
16.70	0.00	1,750	166.22	0.00
16.80	0.00	1,750	166.22	0.00
16.90	0.00	1,750	166.22	0.00
17.00	0.00	1,750	166.22	0.00
17.10	0.00	1,750	166.22	0.00
17.20	0.00	1,750	166.22	0.00
17.30	0.00	1,750	166.22	0.00
17.40	0.00	1,750	166.22	0.00
17.50	0.00	1,750	166.22	0.00
17.60	0.00	1,750	166.22	0.00
17.70	0.00	1,750	166.22	0.00
17.80	0.00	1,750	166.22	0.00
17.90	0.00	1,750	166.22	0.00
18.00	0.00	1,750	166.22	0.00
18.10	0.00	1,750	166.22	0.00
18.20	0.00	1,749	166.22	0.00
18.30	0.00	1,749	166.22	0.00
18.40	0.00	1,749	166.22	0.00
18.50	0.00	1,749	166.22	0.00
18.60	0.00	1,749	166.22	0.00
18.70	0.00	1,749	166.22	0.00
18.80	0.00	1,749	166.22	0.00
18.90	0.00	1,749	166.22	0.00
19.00	0.00	1,749	166.22	0.00
19.10	0.00	1,749	166.22	0.00
19.20	0.00	1,749	166.22	0.00
19.30	0.00	1,749	166.22	0.00
19.40	0.00	1,749	166.22	0.00
19.50	0.00	1,749	166.22	0.00
19.60	0.00	1,749	166.22	0.00
19.70	0.00	1,749	166.22	0.00
19.80	0.00	1,749	166.22	0.00
19.90	0.00	1,749	166.22	0.00
20.00	0.00	1,749	166.22	0.00
20.10	0.00	1,749	166.22	0.00
20.20	0.00	1,749	166.22	0.00
20.30	0.00	1,749	166.22	0.00
20.40	0.00	1,749	166.22	0.00
20.50	0.00	1,749	166.22	0.00
20.60	0.00	1,749	166.22	0.00
20.70	0.00	1,749	166.22	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	1,749	166.22	0.00
20.90	0.00	1,749	166.22	0.00
21.00	0.00	1,749	166.22	0.00
21.10	0.00	1,749	166.22	0.00
21.20	0.00	1,749	166.22	0.00
21.30	0.00	1,749	166.22	0.00
21.40	0.00	1,749	166.22	0.00
21.50	0.00	1,749	166.22	0.00
21.60	0.00	1,749	166.22	0.00
21.70	0.00	1,749	166.22	0.00
21.80	0.00	1,749	166.22	0.00
21.90	0.00	1,749	166.22	0.00
22.00	0.00	1,749	166.22	0.00
22.10	0.00	1,749	166.22	0.00
22.20	0.00	1,749	166.22	0.00
22.30	0.00	1,749	166.22	0.00
22.40	0.00	1,749	166.22	0.00
22.50	0.00	1,749	166.22	0.00
22.60	0.00	1,749	166.22	0.00
22.70	0.00	1,749	166.22	0.00
22.80	0.00	1,749	166.22	0.00
22.90	0.00	1,749	166.22	0.00
23.00	0.00	1,749	166.22	0.00
23.10	0.00	1,749	166.22	0.00
23.20	0.00	1,749	166.22	0.00
23.30	0.00	1,749	166.22	0.00
23.40	0.00	1,749	166.22	0.00
23.50	0.00	1,749	166.22	0.00
23.60	0.00	1,749	166.22	0.00
23.70	0.00	1,749	166.22	0.00
23.80	0.00	1,749	166.22	0.00
23.90	0.00	1,749	166.22	0.00
24.00	0.00	1,749	166.22	0.00
24.10	0.00	1,749	166.22	0.00
24.20	0.00	1,749	166.22	0.00
24.30	0.00	1,749	166.22	0.00
24.40	0.00	1,749	166.22	0.00
24.50	0.00	1,749	166.22	0.00
24.60	0.00	1,749	166.22	0.00
24.70	0.00	1,749	166.22	0.00
24.80	0.00	1,749	166.22	0.00
24.90	0.00	1,749	166.22	0.00
25.00	0.00	1,749	166.22	0.00
25.10	0.00	1,749	166.22	0.00
25.20	0.00	1,749	166.22	0.00
25.30	0.00	1,749	166.22	0.00
25.40	0.00	1,749	166.22	0.00
25.50	0.00	1,749	166.22	0.00
25.60	0.00	1,749	166.22	0.00
25.70	0.00	1,749	166.22	0.00
25.80	0.00	1,749	166.22	0.00
25.90	0.00	1,749	166.22	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	1,749	166.22	0.00
26.10	0.00	1,749	166.22	0.00
26.20	0.00	1,749	166.22	0.00
26.30	0.00	1,749	166.22	0.00
26.40	0.00	1,749	166.22	0.00
26.50	0.00	1,749	166.22	0.00
26.60	0.00	1,749	166.22	0.00
26.70	0.00	1,749	166.22	0.00
26.80	0.00	1,749	166.22	0.00
26.90	0.00	1,749	166.22	0.00
27.00	0.00	1,749	166.22	0.00
27.10	0.00	1,749	166.22	0.00
27.20	0.00	1,749	166.22	0.00
27.30	0.00	1,749	166.22	0.00
27.40	0.00	1,749	166.22	0.00
27.50	0.00	1,749	166.22	0.00
27.60	0.00	1,749	166.22	0.00
27.70	0.00	1,749	166.22	0.00
27.80	0.00	1,749	166.22	0.00
27.90	0.00	1,749	166.22	0.00
28.00	0.00	1,749	166.22	0.00
28.10	0.00	1,749	166.22	0.00
28.20	0.00	1,749	166.22	0.00
28.30	0.00	1,749	166.22	0.00
28.40	0.00	1,749	166.22	0.00
28.50	0.00	1,749	166.22	0.00
28.60	0.00	1,749	166.22	0.00
28.70	0.00	1,749	166.22	0.00
28.80	0.00	1,749	166.22	0.00
28.90	0.00	1,749	166.22	0.00
29.00	0.00	1,749	166.22	0.00
29.10	0.00	1,749	166.22	0.00
29.20	0.00	1,749	166.22	0.00
29.30	0.00	1,749	166.22	0.00
29.40	0.00	1,749	166.22	0.00
29.50	0.00	1,749	166.22	0.00
29.60	0.00	1,749	166.22	0.00
29.70	0.00	1,749	166.22	0.00
29.80	0.00	1,749	166.22	0.00
29.90	0.00	1,749	166.22	0.00
30.00	0.00	1,749	166.22	0.00
30.10	0.00	1,749	166.22	0.00
30.20	0.00	1,749	166.22	0.00
30.30	0.00	1,749	166.22	0.00
30.40	0.00	1,749	166.22	0.00
30.50	0.00	1,749	166.22	0.00
30.60	0.00	1,749	166.22	0.00
30.70	0.00	1,749	166.22	0.00
30.80	0.00	1,749	166.22	0.00
30.90	0.00	1,749	166.22	0.00
31.00	0.00	1,749	166.22	0.00
31.10	0.00	1,749	166.22	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	1,749	166.22	0.00
31.30	0.00	1,749	166.22	0.00
31.40	0.00	1,749	166.22	0.00
31.50	0.00	1,749	166.22	0.00
31.60	0.00	1,749	166.22	0.00
31.70	0.00	1,749	166.22	0.00
31.80	0.00	1,749	166.22	0.00
31.90	0.00	1,749	166.22	0.00
32.00	0.00	1,749	166.22	0.00
32.10	0.00	1,749	166.22	0.00
32.20	0.00	1,749	166.22	0.00
32.30	0.00	1,749	166.22	0.00
32.40	0.00	1,749	166.22	0.00
32.50	0.00	1,749	166.22	0.00
32.60	0.00	1,749	166.22	0.00
32.70	0.00	1,749	166.22	0.00
32.80	0.00	1,749	166.22	0.00
32.90	0.00	1,749	166.22	0.00
33.00	0.00	1,749	166.22	0.00
33.10	0.00	1,749	166.22	0.00
33.20	0.00	1,749	166.22	0.00
33.30	0.00	1,749	166.22	0.00
33.40	0.00	1,749	166.22	0.00
33.50	0.00	1,749	166.22	0.00
33.60	0.00	1,749	166.22	0.00
33.70	0.00	1,749	166.22	0.00
33.80	0.00	1,749	166.22	0.00
33.90	0.00	1,749	166.22	0.00
34.00	0.00	1,749	166.22	0.00
34.10	0.00	1,749	166.22	0.00
34.20	0.00	1,749	166.22	0.00
34.30	0.00	1,749	166.22	0.00
34.40	0.00	1,749	166.22	0.00
34.50	0.00	1,749	166.22	0.00
34.60	0.00	1,749	166.22	0.00
34.70	0.00	1,749	166.22	0.00
34.80	0.00	1,749	166.22	0.00
34.90	0.00	1,749	166.22	0.00
35.00	0.00	1,749	166.22	0.00
35.10	0.00	1,749	166.22	0.00
35.20	0.00	1,749	166.22	0.00
35.30	0.00	1,749	166.22	0.00
35.40	0.00	1,749	166.22	0.00
35.50	0.00	1,749	166.22	0.00
35.60	0.00	1,749	166.22	0.00
35.70	0.00	1,749	166.22	0.00
35.80	0.00	1,749	166.22	0.00
35.90	0.00	1,749	166.22	0.00
36.00	0.00	1,749	166.22	0.00
36.10	0.00	1,749	166.22	0.00
36.20	0.00	1,749	166.22	0.00
36.30	0.00	1,749	166.22	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	1,749	166.22	0.00
36.50	0.00	1,749	166.22	0.00
36.60	0.00	1,749	166.22	0.00
36.70	0.00	1,749	166.22	0.00
36.80	0.00	1,749	166.22	0.00
36.90	0.00	1,749	166.22	0.00
37.00	0.00	1,749	166.22	0.00
37.10	0.00	1,749	166.22	0.00
37.20	0.00	1,749	166.22	0.00
37.30	0.00	1,749	166.22	0.00
37.40	0.00	1,749	166.22	0.00
37.50	0.00	1,749	166.22	0.00
37.60	0.00	1,749	166.22	0.00
37.70	0.00	1,749	166.22	0.00
37.80	0.00	1,749	166.22	0.00
37.90	0.00	1,749	166.22	0.00
38.00	0.00	1,749	166.22	0.00
38.10	0.00	1,749	166.22	0.00
38.20	0.00	1,749	166.22	0.00
38.30	0.00	1,749	166.22	0.00
38.40	0.00	1,749	166.22	0.00
38.50	0.00	1,749	166.22	0.00
38.60	0.00	1,749	166.22	0.00
38.70	0.00	1,749	166.22	0.00
38.80	0.00	1,749	166.22	0.00
38.90	0.00	1,749	166.22	0.00
39.00	0.00	1,749	166.22	0.00
39.10	0.00	1,749	166.22	0.00
39.20	0.00	1,749	166.22	0.00
39.30	0.00	1,749	166.22	0.00
39.40	0.00	1,749	166.22	0.00
39.50	0.00	1,749	166.22	0.00
39.60	0.00	1,749	166.22	0.00
39.70	0.00	1,749	166.22	0.00
39.80	0.00	1,749	166.22	0.00
39.90	0.00	1,749	166.22	0.00
40.00	0.00	1,749	166.22	0.00

Stage-Discharge for Pond B-44: Basin #44

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.07	167.04	0.14	167.56	0.18
166.01	0.00	166.53	0.07	167.05	0.14	167.57	0.18
166.02	0.00	166.54	0.08	167.06	0.14	167.58	0.18
166.03	0.00	166.55	0.08	167.07	0.14	167.59	0.18
166.04	0.00	166.56	0.08	167.08	0.14	167.60	0.19
166.05	0.00	166.57	0.08	167.09	0.14	167.61	0.19
166.06	0.00	166.58	0.08	167.10	0.14	167.62	0.19
166.07	0.00	166.59	0.08	167.11	0.15	167.63	0.19
166.08	0.00	166.60	0.09	167.12	0.15	167.64	0.19
166.09	0.00	166.61	0.09	167.13	0.15	167.65	0.19
166.10	0.00	166.62	0.09	167.14	0.15	167.66	0.19
166.11	0.00	166.63	0.09	167.15	0.15	167.67	0.19
166.12	0.00	166.64	0.09	167.16	0.15	167.68	0.19
166.13	0.00	166.65	0.09	167.17	0.15	167.69	0.19
166.14	0.00	166.66	0.10	167.18	0.15	167.70	0.19
166.15	0.00	166.67	0.10	167.19	0.15	167.71	0.19
166.16	0.00	166.68	0.10	167.20	0.15	167.72	0.19
166.17	0.00	166.69	0.10	167.21	0.15	167.73	0.19
166.18	0.00	166.70	0.10	167.22	0.16	167.74	0.20
166.19	0.00	166.71	0.10	167.23	0.16	167.75	0.20
166.20	0.00	166.72	0.10	167.24	0.16	167.76	0.20
166.21	0.00	166.73	0.10	167.25	0.16	167.77	0.20
166.22	0.00	166.74	0.11	167.26	0.16	167.78	0.20
166.23	0.00	166.75	0.11	167.27	0.16	167.79	0.20
166.24	0.00	166.76	0.11	167.28	0.16	167.80	0.20
166.25	0.00	166.77	0.11	167.29	0.16	167.81	0.20
166.26	0.00	166.78	0.11	167.30	0.16	167.82	0.20
166.27	0.00	166.79	0.11	167.31	0.16	167.83	0.20
166.28	0.01	166.80	0.11	167.32	0.16	167.84	0.20
166.29	0.01	166.81	0.11	167.33	0.16	167.85	0.20
166.30	0.01	166.82	0.12	167.34	0.17	167.86	0.20
166.31	0.01	166.83	0.12	167.35	0.17	167.87	0.20
166.32	0.02	166.84	0.12	167.36	0.17	167.88	0.20
166.33	0.02	166.85	0.12	167.37	0.17	167.89	0.21
166.34	0.02	166.86	0.12	167.38	0.17	167.90	0.21
166.35	0.03	166.87	0.12	167.39	0.17	167.91	0.21
166.36	0.03	166.88	0.12	167.40	0.17	167.92	0.21
166.37	0.03	166.89	0.12	167.41	0.17	167.93	0.21
166.38	0.04	166.90	0.12	167.42	0.17	167.94	0.21
166.39	0.04	166.91	0.13	167.43	0.17	167.95	0.21
166.40	0.05	166.92	0.13	167.44	0.17	167.96	0.21
166.41	0.05	166.93	0.13	167.45	0.17	167.97	0.21
166.42	0.05	166.94	0.13	167.46	0.17	167.98	0.21
166.43	0.05	166.95	0.13	167.47	0.18	167.99	0.21
166.44	0.06	166.96	0.13	167.48	0.18	168.00	0.21
166.45	0.06	166.97	0.13	167.49	0.18	168.01	0.21
166.46	0.06	166.98	0.13	167.50	0.18	168.02	0.21
166.47	0.06	166.99	0.13	167.51	0.18	168.03	0.21
166.48	0.06	167.00	0.13	167.52	0.18	168.04	0.22
166.49	0.07	167.01	0.14	167.53	0.18	168.05	0.22
166.50	0.07	167.02	0.14	167.54	0.18	168.06	0.22
166.51	0.07	167.03	0.14	167.55	0.18	168.07	0.22

Stage-Discharge for Pond B-44: Basin #44 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.22	168.60	0.25	169.12	0.81	169.64	12.95
168.09	0.22	168.61	0.25	169.13	0.88	169.65	13.78
168.10	0.22	168.62	0.25	169.14	0.96	169.66	14.63
168.11	0.22	168.63	0.25	169.15	1.03	169.67	15.50
168.12	0.22	168.64	0.25	169.16	1.11	169.68	16.40
168.13	0.22	168.65	0.25	169.17	1.19	169.69	17.32
168.14	0.22	168.66	0.25	169.18	1.27	169.70	18.26
168.15	0.22	168.67	0.25	169.19	1.35	169.71	19.26
168.16	0.22	168.68	0.25	169.20	1.44	169.72	20.29
168.17	0.22	168.69	0.25	169.21	1.52	169.73	21.35
168.18	0.22	168.70	0.25	169.22	1.61	169.74	22.43
168.19	0.22	168.71	0.25	169.23	1.71	169.75	23.53
168.20	0.22	168.72	0.25	169.24	1.80	169.76	24.67
168.21	0.23	168.73	0.25	169.25	1.90	169.77	25.83
168.22	0.23	168.74	0.26	169.26	1.99	169.78	27.01
168.23	0.23	168.75	0.26	169.27	2.09	169.79	28.22
168.24	0.23	168.76	0.26	169.28	2.19	169.80	29.46
168.25	0.23	168.77	0.26	169.29	2.30	169.81	30.72
168.26	0.23	168.78	0.26	169.30	2.40	169.82	32.01
168.27	0.23	168.79	0.26	169.31	2.51	169.83	33.32
168.28	0.23	168.80	0.26	169.32	2.61	169.84	34.66
168.29	0.23	168.81	0.26	169.33	2.72	169.85	36.02
168.30	0.23	168.82	0.26	169.34	2.83	169.86	37.41
168.31	0.23	168.83	0.26	169.35	2.95	169.87	38.82
168.32	0.23	168.84	0.26	169.36	3.06	169.88	40.26
168.33	0.23	168.85	0.26	169.37	3.18	169.89	41.72
168.34	0.23	168.86	0.26	169.38	3.29	169.90	43.21
168.35	0.23	168.87	0.26	169.39	3.41	169.91	44.74
168.36	0.23	168.88	0.26	169.40	3.53	169.92	46.31
168.37	0.23	168.89	0.26	169.41	3.65	169.93	47.90
168.38	0.24	168.90	0.26	169.42	3.77	169.94	49.52
168.39	0.24	168.91	0.26	169.43	3.90	169.95	51.17
168.40	0.24	168.92	0.26	169.44	4.02	169.96	52.84
168.41	0.24	168.93	0.26	169.45	4.15	169.97	54.54
168.42	0.24	168.94	0.27	169.46	4.28	169.98	56.27
168.43	0.24	168.95	0.27	169.47	4.41	169.99	58.02
168.44	0.24	168.96	0.27	169.48	4.54	170.00	59.81
168.45	0.24	168.97	0.27	169.49	4.67		
168.46	0.24	168.98	0.27	169.50	4.80		
168.47	0.24	168.99	0.27	169.51	5.05		
168.48	0.24	169.00	0.27	169.52	5.40		
168.49	0.24	169.01	0.28	169.53	5.82		
168.50	0.24	169.02	0.31	169.54	6.28		
168.51	0.24	169.03	0.34	169.55	6.79		
168.52	0.24	169.04	0.37	169.56	7.35		
168.53	0.24	169.05	0.42	169.57	7.94		
168.54	0.24	169.06	0.46	169.58	8.56		
168.55	0.24	169.07	0.51	169.59	9.22		
168.56	0.25	169.08	0.57	169.60	9.91		
168.57	0.25	169.09	0.62	169.61	10.63		
168.58	0.25	169.10	0.69	169.62	11.38		
168.59	0.25	169.11	0.75	169.63	12.15		

Stage-Area-Storage for Pond B-44: Basin #44

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,939	0	166.52	7,939	4,128
166.01	7,939	79	166.53	7,939	4,208
166.02	7,939	159	166.54	7,939	4,287
166.03	7,939	238	166.55	7,939	4,366
166.04	7,939	318	166.56	7,939	4,446
166.05	7,939	397	166.57	7,939	4,525
166.06	7,939	476	166.58	7,939	4,605
166.07	7,939	556	166.59	7,939	4,684
166.08	7,939	635	166.60	7,939	4,763
166.09	7,939	715	166.61	7,939	4,843
166.10	7,939	794	166.62	7,939	4,922
166.11	7,939	873	166.63	7,939	5,002
166.12	7,939	953	166.64	7,939	5,081
166.13	7,939	1,032	166.65	7,939	5,160
166.14	7,939	1,111	166.66	7,939	5,240
166.15	7,939	1,191	166.67	7,939	5,319
166.16	7,939	1,270	166.68	7,939	5,399
166.17	7,939	1,350	166.69	7,939	5,478
166.18	7,939	1,429	166.70	7,939	5,557
166.19	7,939	1,508	166.71	7,939	5,637
166.20	7,939	1,588	166.72	7,939	5,716
166.21	7,939	1,667	166.73	7,939	5,795
166.22	7,939	1,747	166.74	7,939	5,875
166.23	7,939	1,826	166.75	7,939	5,954
166.24	7,939	1,905	166.76	7,939	6,034
166.25	7,939	1,985	166.77	7,939	6,113
166.26	7,939	2,064	166.78	7,939	6,192
166.27	7,939	2,144	166.79	7,939	6,272
166.28	7,939	2,223	166.80	7,939	6,351
166.29	7,939	2,302	166.81	7,939	6,431
166.30	7,939	2,382	166.82	7,939	6,510
166.31	7,939	2,461	166.83	7,939	6,589
166.32	7,939	2,540	166.84	7,939	6,669
166.33	7,939	2,620	166.85	7,939	6,748
166.34	7,939	2,699	166.86	7,939	6,828
166.35	7,939	2,779	166.87	7,939	6,907
166.36	7,939	2,858	166.88	7,939	6,986
166.37	7,939	2,937	166.89	7,939	7,066
166.38	7,939	3,017	166.90	7,939	7,145
166.39	7,939	3,096	166.91	7,939	7,224
166.40	7,939	3,176	166.92	7,939	7,304
166.41	7,939	3,255	166.93	7,939	7,383
166.42	7,939	3,334	166.94	7,939	7,463
166.43	7,939	3,414	166.95	7,939	7,542
166.44	7,939	3,493	166.96	7,939	7,621
166.45	7,939	3,573	166.97	7,939	7,701
166.46	7,939	3,652	166.98	7,939	7,780
166.47	7,939	3,731	166.99	7,939	7,860
166.48	7,939	3,811	167.00	7,939	7,939
166.49	7,939	3,890	167.01	7,939	8,018
166.50	7,939	3,970	167.02	7,939	8,098
166.51	7,939	4,049	167.03	7,939	8,177

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,939	8,257	167.56	7,939	12,385
167.05	7,939	8,336	167.57	7,939	12,464
167.06	7,939	8,415	167.58	7,939	12,544
167.07	7,939	8,495	167.59	7,939	12,623
167.08	7,939	8,574	167.60	7,939	12,702
167.09	7,939	8,654	167.61	7,939	12,782
167.10	7,939	8,733	167.62	7,939	12,861
167.11	7,939	8,812	167.63	7,939	12,941
167.12	7,939	8,892	167.64	7,939	13,020
167.13	7,939	8,971	167.65	7,939	13,099
167.14	7,939	9,050	167.66	7,939	13,179
167.15	7,939	9,130	167.67	7,939	13,258
167.16	7,939	9,209	167.68	7,939	13,338
167.17	7,939	9,289	167.69	7,939	13,417
167.18	7,939	9,368	167.70	7,939	13,496
167.19	7,939	9,447	167.71	7,939	13,576
167.20	7,939	9,527	167.72	7,939	13,655
167.21	7,939	9,606	167.73	7,939	13,734
167.22	7,939	9,686	167.74	7,939	13,814
167.23	7,939	9,765	167.75	7,939	13,893
167.24	7,939	9,844	167.76	7,939	13,973
167.25	7,939	9,924	167.77	7,939	14,052
167.26	7,939	10,003	167.78	7,939	14,131
167.27	7,939	10,083	167.79	7,939	14,211
167.28	7,939	10,162	167.80	7,939	14,290
167.29	7,939	10,241	167.81	7,939	14,370
167.30	7,939	10,321	167.82	7,939	14,449
167.31	7,939	10,400	167.83	7,939	14,528
167.32	7,939	10,479	167.84	7,939	14,608
167.33	7,939	10,559	167.85	7,939	14,687
167.34	7,939	10,638	167.86	7,939	14,767
167.35	7,939	10,718	167.87	7,939	14,846
167.36	7,939	10,797	167.88	7,939	14,925
167.37	7,939	10,876	167.89	7,939	15,005
167.38	7,939	10,956	167.90	7,939	15,084
167.39	7,939	11,035	167.91	7,939	15,163
167.40	7,939	11,115	167.92	7,939	15,243
167.41	7,939	11,194	167.93	7,939	15,322
167.42	7,939	11,273	167.94	7,939	15,402
167.43	7,939	11,353	167.95	7,939	15,481
167.44	7,939	11,432	167.96	7,939	15,560
167.45	7,939	11,512	167.97	7,939	15,640
167.46	7,939	11,591	167.98	7,939	15,719
167.47	7,939	11,670	167.99	7,939	15,799
167.48	7,939	11,750	168.00	7,939	15,878
167.49	7,939	11,829	168.01	7,939	15,957
167.50	7,939	11,909	168.02	7,939	16,037
167.51	7,939	11,988	168.03	7,939	16,116
167.52	7,939	12,067	168.04	7,939	16,196
167.53	7,939	12,147	168.05	7,939	16,275
167.54	7,939	12,226	168.06	7,939	16,354
167.55	7,939	12,305	168.07	7,939	16,434

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,939	16,513	168.60	7,939	20,641
168.09	7,939	16,593	168.61	7,939	20,721
168.10	7,939	16,672	168.62	7,939	20,800
168.11	7,939	16,751	168.63	7,939	20,880
168.12	7,939	16,831	168.64	7,939	20,959
168.13	7,939	16,910	168.65	7,939	21,038
168.14	7,939	16,989	168.66	7,939	21,118
168.15	7,939	17,069	168.67	7,939	21,197
168.16	7,939	17,148	168.68	7,939	21,277
168.17	7,939	17,228	168.69	7,939	21,356
168.18	7,939	17,307	168.70	7,939	21,435
168.19	7,939	17,386	168.71	7,939	21,515
168.20	7,939	17,466	168.72	7,939	21,594
168.21	7,939	17,545	168.73	7,939	21,673
168.22	7,939	17,625	168.74	7,939	21,753
168.23	7,939	17,704	168.75	7,939	21,832
168.24	7,939	17,783	168.76	7,939	21,912
168.25	7,939	17,863	168.77	7,939	21,991
168.26	7,939	17,942	168.78	7,939	22,070
168.27	7,939	18,022	168.79	7,939	22,150
168.28	7,939	18,101	168.80	7,939	22,229
168.29	7,939	18,180	168.81	7,939	22,309
168.30	7,939	18,260	168.82	7,939	22,388
168.31	7,939	18,339	168.83	7,939	22,467
168.32	7,939	18,418	168.84	7,939	22,547
168.33	7,939	18,498	168.85	7,939	22,626
168.34	7,939	18,577	168.86	7,939	22,706
168.35	7,939	18,657	168.87	7,939	22,785
168.36	7,939	18,736	168.88	7,939	22,864
168.37	7,939	18,815	168.89	7,939	22,944
168.38	7,939	18,895	168.90	7,939	23,023
168.39	7,939	18,974	168.91	7,939	23,102
168.40	7,939	19,054	168.92	7,939	23,182
168.41	7,939	19,133	168.93	7,939	23,261
168.42	7,939	19,212	168.94	7,939	23,341
168.43	7,939	19,292	168.95	7,939	23,420
168.44	7,939	19,371	168.96	7,939	23,499
168.45	7,939	19,451	168.97	7,939	23,579
168.46	7,939	19,530	168.98	7,939	23,658
168.47	7,939	19,609	168.99	7,939	23,738
168.48	7,939	19,689	169.00	7,939	23,817
168.49	7,939	19,768	169.01	7,939	23,896
168.50	7,939	19,848	169.02	7,939	23,976
168.51	7,939	19,927	169.03	7,939	24,055
168.52	7,939	20,006	169.04	7,939	24,135
168.53	7,939	20,086	169.05	7,939	24,214
168.54	7,939	20,165	169.06	7,939	24,293
168.55	7,939	20,244	169.07	7,939	24,373
168.56	7,939	20,324	169.08	7,939	24,452
168.57	7,939	20,403	169.09	7,939	24,532
168.58	7,939	20,483	169.10	7,939	24,611
168.59	7,939	20,562	169.11	7,939	24,690

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,939	24,770	169.64	7,939	28,898
169.13	7,939	24,849	169.65	7,939	28,977
169.14	7,939	24,928	169.66	7,939	29,057
169.15	7,939	25,008	169.67	7,939	29,136
169.16	7,939	25,087	169.68	7,939	29,216
169.17	7,939	25,167	169.69	7,939	29,295
169.18	7,939	25,246	169.70	7,939	29,374
169.19	7,939	25,325	169.71	7,939	29,454
169.20	7,939	25,405	169.72	7,939	29,533
169.21	7,939	25,484	169.73	7,939	29,612
169.22	7,939	25,564	169.74	7,939	29,692
169.23	7,939	25,643	169.75	7,939	29,771
169.24	7,939	25,722	169.76	7,939	29,851
169.25	7,939	25,802	169.77	7,939	29,930
169.26	7,939	25,881	169.78	7,939	30,009
169.27	7,939	25,961	169.79	7,939	30,089
169.28	7,939	26,040	169.80	7,939	30,168
169.29	7,939	26,119	169.81	7,939	30,248
169.30	7,939	26,199	169.82	7,939	30,327
169.31	7,939	26,278	169.83	7,939	30,406
169.32	7,939	26,357	169.84	7,939	30,486
169.33	7,939	26,437	169.85	7,939	30,565
169.34	7,939	26,516	169.86	7,939	30,645
169.35	7,939	26,596	169.87	7,939	30,724
169.36	7,939	26,675	169.88	7,939	30,803
169.37	7,939	26,754	169.89	7,939	30,883
169.38	7,939	26,834	169.90	7,939	30,962
169.39	7,939	26,913	169.91	7,939	31,041
169.40	7,939	26,993	169.92	7,939	31,121
169.41	7,939	27,072	169.93	7,939	31,200
169.42	7,939	27,151	169.94	7,939	31,280
169.43	7,939	27,231	169.95	7,939	31,359
169.44	7,939	27,310	169.96	7,939	31,438
169.45	7,939	27,390	169.97	7,939	31,518
169.46	7,939	27,469	169.98	7,939	31,597
169.47	7,939	27,548	169.99	7,939	31,677
169.48	7,939	27,628	170.00	7,939	31,756
169.49	7,939	27,707			
169.50	7,939	27,787			
169.51	7,939	27,866			
169.52	7,939	27,945			
169.53	7,939	28,025			
169.54	7,939	28,104			
169.55	7,939	28,183			
169.56	7,939	28,263			
169.57	7,939	28,342			
169.58	7,939	28,422			
169.59	7,939	28,501			
169.60	7,939	28,580			
169.61	7,939	28,660			
169.62	7,939	28,739			
169.63	7,939	28,819			

Summary for Pond B-45: Basin #45

Inflow Area = 2.294 ac, 62.82% Impervious, Inflow Depth = 0.68" for WQ Storm event
 Inflow = 4.38 cfs @ 1.09 hrs, Volume= 0.129 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 166.77' @ 2.35 hrs Surf.Area= 7,365 sf Storage= 5,640 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

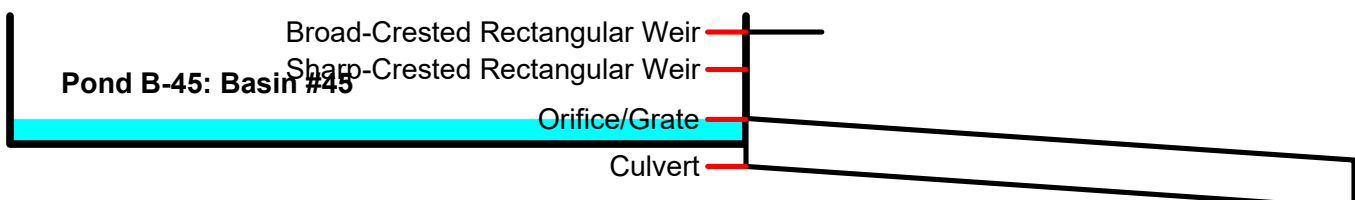
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	29,460 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,365	0	0
167.00	7,365	7,365	7,365
168.00	7,365	7,365	14,730
169.00	7,365	7,365	22,095
170.00	7,365	7,365	29,460

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0325 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.77'	6.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	168.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

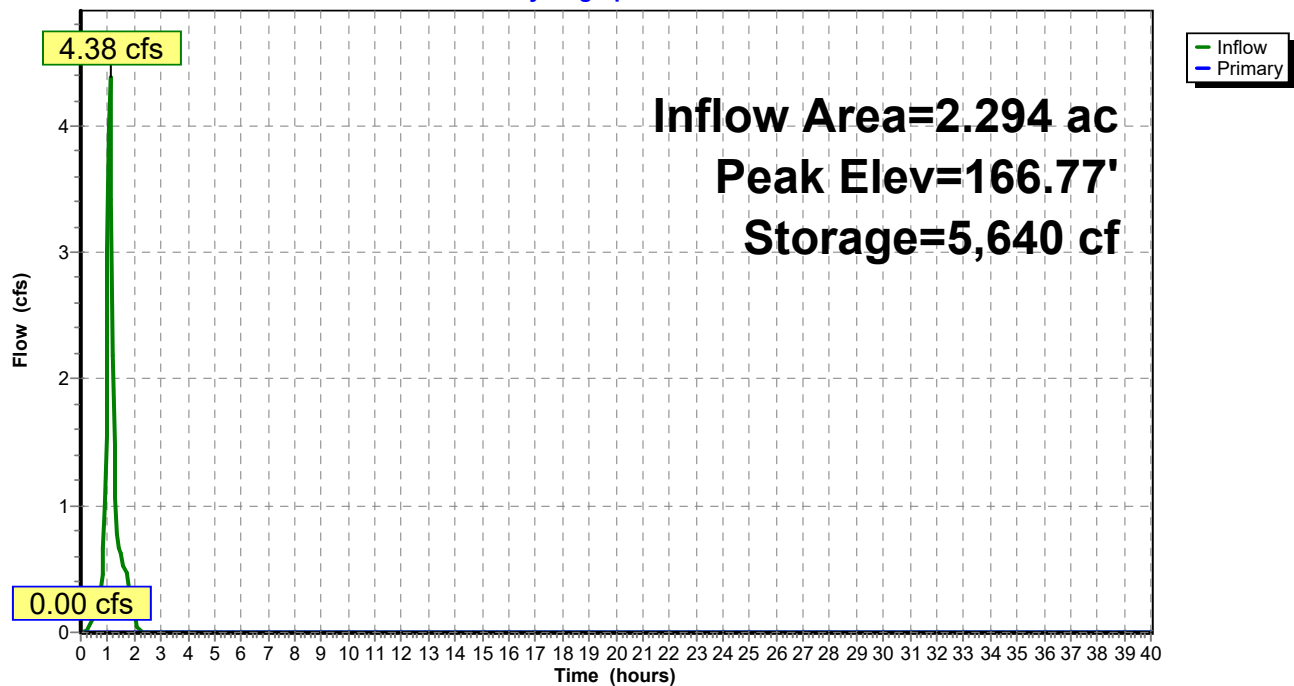
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=166.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 2.30 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-45: Basin #45

Hydrograph



Hydrograph for Pond B-45: Basin #45

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.03	3	166.00	0.00
0.50	0.12	30	166.00	0.00
0.60	0.24	92	166.01	0.00
0.70	0.33	194	166.03	0.00
0.80	0.46	330	166.04	0.00
0.90	0.99	579	166.08	0.00
1.00	3.01	1,217	166.17	0.00
1.10	4.35	2,596	166.35	0.00
1.20	2.19	3,798	166.52	0.00
1.30	1.07	4,356	166.59	0.00
1.40	0.66	4,650	166.63	0.00
1.50	0.63	4,881	166.66	0.00
1.60	0.52	5,092	166.69	0.00
1.70	0.49	5,271	166.72	0.00
1.80	0.40	5,438	166.74	0.00
1.90	0.18	5,534	166.75	0.00
2.00	0.16	5,595	166.76	0.00
2.10	0.04	5,635	166.77	0.00
2.20	0.00	5,640	166.77	0.00
2.30	0.00	5,640	166.77	0.00
2.40	0.00	5,640	166.77	0.00
2.50	0.00	5,640	166.77	0.00
2.60	0.00	5,640	166.77	0.00
2.70	0.00	5,640	166.77	0.00
2.80	0.00	5,640	166.77	0.00
2.90	0.00	5,640	166.77	0.00
3.00	0.00	5,640	166.77	0.00
3.10	0.00	5,640	166.77	0.00
3.20	0.00	5,640	166.77	0.00
3.30	0.00	5,640	166.77	0.00
3.40	0.00	5,640	166.77	0.00
3.50	0.00	5,640	166.77	0.00
3.60	0.00	5,640	166.77	0.00
3.70	0.00	5,640	166.77	0.00
3.80	0.00	5,640	166.77	0.00
3.90	0.00	5,640	166.77	0.00
4.00	0.00	5,640	166.77	0.00
4.10	0.00	5,640	166.77	0.00
4.20	0.00	5,640	166.77	0.00
4.30	0.00	5,640	166.77	0.00
4.40	0.00	5,640	166.77	0.00
4.50	0.00	5,640	166.77	0.00
4.60	0.00	5,640	166.77	0.00
4.70	0.00	5,640	166.77	0.00
4.80	0.00	5,640	166.77	0.00
4.90	0.00	5,640	166.77	0.00
5.00	0.00	5,640	166.77	0.00
5.10	0.00	5,640	166.77	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	5,640	166.77	0.00
5.30	0.00	5,640	166.77	0.00
5.40	0.00	5,640	166.77	0.00
5.50	0.00	5,640	166.77	0.00
5.60	0.00	5,640	166.77	0.00
5.70	0.00	5,640	166.77	0.00
5.80	0.00	5,640	166.77	0.00
5.90	0.00	5,640	166.77	0.00
6.00	0.00	5,640	166.77	0.00
6.10	0.00	5,640	166.77	0.00
6.20	0.00	5,640	166.77	0.00
6.30	0.00	5,640	166.77	0.00
6.40	0.00	5,640	166.77	0.00
6.50	0.00	5,640	166.77	0.00
6.60	0.00	5,640	166.77	0.00
6.70	0.00	5,640	166.77	0.00
6.80	0.00	5,640	166.77	0.00
6.90	0.00	5,640	166.77	0.00
7.00	0.00	5,640	166.77	0.00
7.10	0.00	5,640	166.77	0.00
7.20	0.00	5,640	166.77	0.00
7.30	0.00	5,640	166.77	0.00
7.40	0.00	5,640	166.77	0.00
7.50	0.00	5,640	166.77	0.00
7.60	0.00	5,640	166.77	0.00
7.70	0.00	5,640	166.77	0.00
7.80	0.00	5,640	166.77	0.00
7.90	0.00	5,640	166.77	0.00
8.00	0.00	5,640	166.77	0.00
8.10	0.00	5,640	166.77	0.00
8.20	0.00	5,640	166.77	0.00
8.30	0.00	5,640	166.77	0.00
8.40	0.00	5,640	166.77	0.00
8.50	0.00	5,640	166.77	0.00
8.60	0.00	5,640	166.77	0.00
8.70	0.00	5,640	166.77	0.00
8.80	0.00	5,640	166.77	0.00
8.90	0.00	5,640	166.77	0.00
9.00	0.00	5,640	166.77	0.00
9.10	0.00	5,640	166.77	0.00
9.20	0.00	5,640	166.77	0.00
9.30	0.00	5,640	166.77	0.00
9.40	0.00	5,640	166.77	0.00
9.50	0.00	5,640	166.77	0.00
9.60	0.00	5,640	166.77	0.00
9.70	0.00	5,640	166.77	0.00
9.80	0.00	5,640	166.77	0.00
9.90	0.00	5,640	166.77	0.00
10.00	0.00	5,640	166.77	0.00
10.10	0.00	5,640	166.77	0.00
10.20	0.00	5,640	166.77	0.00
10.30	0.00	5,640	166.77	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	5,640	166.77	0.00
10.50	0.00	5,640	166.77	0.00
10.60	0.00	5,640	166.77	0.00
10.70	0.00	5,640	166.77	0.00
10.80	0.00	5,640	166.77	0.00
10.90	0.00	5,640	166.77	0.00
11.00	0.00	5,640	166.77	0.00
11.10	0.00	5,640	166.77	0.00
11.20	0.00	5,640	166.77	0.00
11.30	0.00	5,640	166.77	0.00
11.40	0.00	5,640	166.77	0.00
11.50	0.00	5,640	166.77	0.00
11.60	0.00	5,640	166.77	0.00
11.70	0.00	5,640	166.77	0.00
11.80	0.00	5,640	166.77	0.00
11.90	0.00	5,640	166.77	0.00
12.00	0.00	5,640	166.77	0.00
12.10	0.00	5,640	166.77	0.00
12.20	0.00	5,640	166.77	0.00
12.30	0.00	5,640	166.77	0.00
12.40	0.00	5,640	166.77	0.00
12.50	0.00	5,640	166.77	0.00
12.60	0.00	5,640	166.77	0.00
12.70	0.00	5,640	166.77	0.00
12.80	0.00	5,640	166.77	0.00
12.90	0.00	5,640	166.77	0.00
13.00	0.00	5,640	166.77	0.00
13.10	0.00	5,640	166.77	0.00
13.20	0.00	5,640	166.77	0.00
13.30	0.00	5,640	166.77	0.00
13.40	0.00	5,640	166.77	0.00
13.50	0.00	5,640	166.77	0.00
13.60	0.00	5,640	166.77	0.00
13.70	0.00	5,640	166.77	0.00
13.80	0.00	5,640	166.77	0.00
13.90	0.00	5,640	166.77	0.00
14.00	0.00	5,640	166.77	0.00
14.10	0.00	5,640	166.77	0.00
14.20	0.00	5,640	166.77	0.00
14.30	0.00	5,640	166.77	0.00
14.40	0.00	5,640	166.77	0.00
14.50	0.00	5,640	166.77	0.00
14.60	0.00	5,640	166.77	0.00
14.70	0.00	5,640	166.77	0.00
14.80	0.00	5,640	166.77	0.00
14.90	0.00	5,640	166.77	0.00
15.00	0.00	5,640	166.77	0.00
15.10	0.00	5,640	166.77	0.00
15.20	0.00	5,640	166.77	0.00
15.30	0.00	5,640	166.77	0.00
15.40	0.00	5,640	166.77	0.00
15.50	0.00	5,640	166.77	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	5,640	166.77	0.00
15.70	0.00	5,640	166.77	0.00
15.80	0.00	5,640	166.77	0.00
15.90	0.00	5,640	166.77	0.00
16.00	0.00	5,640	166.77	0.00
16.10	0.00	5,640	166.77	0.00
16.20	0.00	5,640	166.77	0.00
16.30	0.00	5,640	166.77	0.00
16.40	0.00	5,640	166.77	0.00
16.50	0.00	5,640	166.77	0.00
16.60	0.00	5,640	166.77	0.00
16.70	0.00	5,640	166.77	0.00
16.80	0.00	5,640	166.77	0.00
16.90	0.00	5,640	166.77	0.00
17.00	0.00	5,640	166.77	0.00
17.10	0.00	5,640	166.77	0.00
17.20	0.00	5,640	166.77	0.00
17.30	0.00	5,640	166.77	0.00
17.40	0.00	5,640	166.77	0.00
17.50	0.00	5,640	166.77	0.00
17.60	0.00	5,640	166.77	0.00
17.70	0.00	5,640	166.77	0.00
17.80	0.00	5,640	166.77	0.00
17.90	0.00	5,640	166.77	0.00
18.00	0.00	5,640	166.77	0.00
18.10	0.00	5,640	166.77	0.00
18.20	0.00	5,640	166.77	0.00
18.30	0.00	5,640	166.77	0.00
18.40	0.00	5,640	166.77	0.00
18.50	0.00	5,640	166.77	0.00
18.60	0.00	5,640	166.77	0.00
18.70	0.00	5,640	166.77	0.00
18.80	0.00	5,640	166.77	0.00
18.90	0.00	5,640	166.77	0.00
19.00	0.00	5,640	166.77	0.00
19.10	0.00	5,640	166.77	0.00
19.20	0.00	5,640	166.77	0.00
19.30	0.00	5,640	166.77	0.00
19.40	0.00	5,640	166.77	0.00
19.50	0.00	5,640	166.77	0.00
19.60	0.00	5,640	166.77	0.00
19.70	0.00	5,640	166.77	0.00
19.80	0.00	5,640	166.77	0.00
19.90	0.00	5,640	166.77	0.00
20.00	0.00	5,640	166.77	0.00
20.10	0.00	5,640	166.77	0.00
20.20	0.00	5,640	166.77	0.00
20.30	0.00	5,640	166.77	0.00
20.40	0.00	5,640	166.77	0.00
20.50	0.00	5,640	166.77	0.00
20.60	0.00	5,640	166.77	0.00
20.70	0.00	5,640	166.77	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	5,640	166.77	0.00
20.90	0.00	5,640	166.77	0.00
21.00	0.00	5,640	166.77	0.00
21.10	0.00	5,640	166.77	0.00
21.20	0.00	5,640	166.77	0.00
21.30	0.00	5,640	166.77	0.00
21.40	0.00	5,640	166.77	0.00
21.50	0.00	5,640	166.77	0.00
21.60	0.00	5,640	166.77	0.00
21.70	0.00	5,640	166.77	0.00
21.80	0.00	5,640	166.77	0.00
21.90	0.00	5,640	166.77	0.00
22.00	0.00	5,640	166.77	0.00
22.10	0.00	5,640	166.77	0.00
22.20	0.00	5,640	166.77	0.00
22.30	0.00	5,640	166.77	0.00
22.40	0.00	5,640	166.77	0.00
22.50	0.00	5,640	166.77	0.00
22.60	0.00	5,640	166.77	0.00
22.70	0.00	5,640	166.77	0.00
22.80	0.00	5,640	166.77	0.00
22.90	0.00	5,640	166.77	0.00
23.00	0.00	5,640	166.77	0.00
23.10	0.00	5,640	166.77	0.00
23.20	0.00	5,640	166.77	0.00
23.30	0.00	5,640	166.77	0.00
23.40	0.00	5,640	166.77	0.00
23.50	0.00	5,640	166.77	0.00
23.60	0.00	5,640	166.77	0.00
23.70	0.00	5,640	166.77	0.00
23.80	0.00	5,640	166.77	0.00
23.90	0.00	5,640	166.77	0.00
24.00	0.00	5,640	166.77	0.00
24.10	0.00	5,640	166.77	0.00
24.20	0.00	5,640	166.77	0.00
24.30	0.00	5,640	166.77	0.00
24.40	0.00	5,640	166.77	0.00
24.50	0.00	5,640	166.77	0.00
24.60	0.00	5,640	166.77	0.00
24.70	0.00	5,640	166.77	0.00
24.80	0.00	5,640	166.77	0.00
24.90	0.00	5,640	166.77	0.00
25.00	0.00	5,640	166.77	0.00
25.10	0.00	5,640	166.77	0.00
25.20	0.00	5,640	166.77	0.00
25.30	0.00	5,640	166.77	0.00
25.40	0.00	5,640	166.77	0.00
25.50	0.00	5,640	166.77	0.00
25.60	0.00	5,640	166.77	0.00
25.70	0.00	5,640	166.77	0.00
25.80	0.00	5,640	166.77	0.00
25.90	0.00	5,640	166.77	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,640	166.77	0.00
26.10	0.00	5,640	166.77	0.00
26.20	0.00	5,640	166.77	0.00
26.30	0.00	5,640	166.77	0.00
26.40	0.00	5,640	166.77	0.00
26.50	0.00	5,640	166.77	0.00
26.60	0.00	5,640	166.77	0.00
26.70	0.00	5,640	166.77	0.00
26.80	0.00	5,640	166.77	0.00
26.90	0.00	5,640	166.77	0.00
27.00	0.00	5,640	166.77	0.00
27.10	0.00	5,640	166.77	0.00
27.20	0.00	5,640	166.77	0.00
27.30	0.00	5,640	166.77	0.00
27.40	0.00	5,640	166.77	0.00
27.50	0.00	5,640	166.77	0.00
27.60	0.00	5,640	166.77	0.00
27.70	0.00	5,640	166.77	0.00
27.80	0.00	5,640	166.77	0.00
27.90	0.00	5,640	166.77	0.00
28.00	0.00	5,640	166.77	0.00
28.10	0.00	5,640	166.77	0.00
28.20	0.00	5,640	166.77	0.00
28.30	0.00	5,640	166.77	0.00
28.40	0.00	5,640	166.77	0.00
28.50	0.00	5,640	166.77	0.00
28.60	0.00	5,640	166.77	0.00
28.70	0.00	5,640	166.77	0.00
28.80	0.00	5,640	166.77	0.00
28.90	0.00	5,640	166.77	0.00
29.00	0.00	5,640	166.77	0.00
29.10	0.00	5,640	166.77	0.00
29.20	0.00	5,640	166.77	0.00
29.30	0.00	5,640	166.77	0.00
29.40	0.00	5,640	166.77	0.00
29.50	0.00	5,640	166.77	0.00
29.60	0.00	5,640	166.77	0.00
29.70	0.00	5,640	166.77	0.00
29.80	0.00	5,640	166.77	0.00
29.90	0.00	5,640	166.77	0.00
30.00	0.00	5,640	166.77	0.00
30.10	0.00	5,640	166.77	0.00
30.20	0.00	5,640	166.77	0.00
30.30	0.00	5,640	166.77	0.00
30.40	0.00	5,640	166.77	0.00
30.50	0.00	5,640	166.77	0.00
30.60	0.00	5,640	166.77	0.00
30.70	0.00	5,640	166.77	0.00
30.80	0.00	5,640	166.77	0.00
30.90	0.00	5,640	166.77	0.00
31.00	0.00	5,640	166.77	0.00
31.10	0.00	5,640	166.77	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,640	166.77	0.00
31.30	0.00	5,640	166.77	0.00
31.40	0.00	5,640	166.77	0.00
31.50	0.00	5,640	166.77	0.00
31.60	0.00	5,640	166.77	0.00
31.70	0.00	5,640	166.77	0.00
31.80	0.00	5,640	166.77	0.00
31.90	0.00	5,640	166.77	0.00
32.00	0.00	5,640	166.77	0.00
32.10	0.00	5,640	166.77	0.00
32.20	0.00	5,640	166.77	0.00
32.30	0.00	5,640	166.77	0.00
32.40	0.00	5,640	166.77	0.00
32.50	0.00	5,640	166.77	0.00
32.60	0.00	5,640	166.77	0.00
32.70	0.00	5,640	166.77	0.00
32.80	0.00	5,640	166.77	0.00
32.90	0.00	5,640	166.77	0.00
33.00	0.00	5,640	166.77	0.00
33.10	0.00	5,640	166.77	0.00
33.20	0.00	5,640	166.77	0.00
33.30	0.00	5,640	166.77	0.00
33.40	0.00	5,640	166.77	0.00
33.50	0.00	5,640	166.77	0.00
33.60	0.00	5,640	166.77	0.00
33.70	0.00	5,640	166.77	0.00
33.80	0.00	5,640	166.77	0.00
33.90	0.00	5,640	166.77	0.00
34.00	0.00	5,640	166.77	0.00
34.10	0.00	5,640	166.77	0.00
34.20	0.00	5,640	166.77	0.00
34.30	0.00	5,640	166.77	0.00
34.40	0.00	5,640	166.77	0.00
34.50	0.00	5,640	166.77	0.00
34.60	0.00	5,640	166.77	0.00
34.70	0.00	5,640	166.77	0.00
34.80	0.00	5,640	166.77	0.00
34.90	0.00	5,640	166.77	0.00
35.00	0.00	5,640	166.77	0.00
35.10	0.00	5,640	166.77	0.00
35.20	0.00	5,640	166.77	0.00
35.30	0.00	5,640	166.77	0.00
35.40	0.00	5,640	166.77	0.00
35.50	0.00	5,640	166.77	0.00
35.60	0.00	5,640	166.77	0.00
35.70	0.00	5,640	166.77	0.00
35.80	0.00	5,640	166.77	0.00
35.90	0.00	5,640	166.77	0.00
36.00	0.00	5,640	166.77	0.00
36.10	0.00	5,640	166.77	0.00
36.20	0.00	5,640	166.77	0.00
36.30	0.00	5,640	166.77	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,640	166.77	0.00
36.50	0.00	5,640	166.77	0.00
36.60	0.00	5,640	166.77	0.00
36.70	0.00	5,640	166.77	0.00
36.80	0.00	5,640	166.77	0.00
36.90	0.00	5,640	166.77	0.00
37.00	0.00	5,640	166.77	0.00
37.10	0.00	5,640	166.77	0.00
37.20	0.00	5,640	166.77	0.00
37.30	0.00	5,640	166.77	0.00
37.40	0.00	5,640	166.77	0.00
37.50	0.00	5,640	166.77	0.00
37.60	0.00	5,640	166.77	0.00
37.70	0.00	5,640	166.77	0.00
37.80	0.00	5,640	166.77	0.00
37.90	0.00	5,640	166.77	0.00
38.00	0.00	5,640	166.77	0.00
38.10	0.00	5,640	166.77	0.00
38.20	0.00	5,640	166.77	0.00
38.30	0.00	5,640	166.77	0.00
38.40	0.00	5,640	166.77	0.00
38.50	0.00	5,640	166.77	0.00
38.60	0.00	5,640	166.77	0.00
38.70	0.00	5,640	166.77	0.00
38.80	0.00	5,640	166.77	0.00
38.90	0.00	5,640	166.77	0.00
39.00	0.00	5,640	166.77	0.00
39.10	0.00	5,640	166.77	0.00
39.20	0.00	5,640	166.77	0.00
39.30	0.00	5,640	166.77	0.00
39.40	0.00	5,640	166.77	0.00
39.50	0.00	5,640	166.77	0.00
39.60	0.00	5,640	166.77	0.00
39.70	0.00	5,640	166.77	0.00
39.80	0.00	5,640	166.77	0.00
39.90	0.00	5,640	166.77	0.00
40.00	0.00	5,640	166.77	0.00

Stage-Discharge for Pond B-45: Basin #45

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.20	167.56	0.80
166.01	0.00	166.53	0.00	167.05	0.22	167.57	0.81
166.02	0.00	166.54	0.00	167.06	0.23	167.58	0.81
166.03	0.00	166.55	0.00	167.07	0.24	167.59	0.82
166.04	0.00	166.56	0.00	167.08	0.26	167.60	0.83
166.05	0.00	166.57	0.00	167.09	0.27	167.61	0.84
166.06	0.00	166.58	0.00	167.10	0.29	167.62	0.84
166.07	0.00	166.59	0.00	167.11	0.30	167.63	0.85
166.08	0.00	166.60	0.00	167.12	0.32	167.64	0.86
166.09	0.00	166.61	0.00	167.13	0.33	167.65	0.87
166.10	0.00	166.62	0.00	167.14	0.35	167.66	0.87
166.11	0.00	166.63	0.00	167.15	0.36	167.67	0.88
166.12	0.00	166.64	0.00	167.16	0.38	167.68	0.89
166.13	0.00	166.65	0.00	167.17	0.39	167.69	0.89
166.14	0.00	166.66	0.00	167.18	0.41	167.70	0.90
166.15	0.00	166.67	0.00	167.19	0.42	167.71	0.91
166.16	0.00	166.68	0.00	167.20	0.44	167.72	0.91
166.17	0.00	166.69	0.00	167.21	0.45	167.73	0.92
166.18	0.00	166.70	0.00	167.22	0.47	167.74	0.93
166.19	0.00	166.71	0.00	167.23	0.48	167.75	0.93
166.20	0.00	166.72	0.00	167.24	0.50	167.76	0.94
166.21	0.00	166.73	0.00	167.25	0.51	167.77	0.95
166.22	0.00	166.74	0.00	167.26	0.52	167.78	0.95
166.23	0.00	166.75	0.00	167.27	0.54	167.79	0.96
166.24	0.00	166.76	0.00	167.28	0.55	167.80	0.97
166.25	0.00	166.77	0.00	167.29	0.56	167.81	0.97
166.26	0.00	166.78	0.00	167.30	0.57	167.82	0.98
166.27	0.00	166.79	0.00	167.31	0.58	167.83	0.99
166.28	0.00	166.80	0.00	167.32	0.59	167.84	0.99
166.29	0.00	166.81	0.01	167.33	0.60	167.85	1.00
166.30	0.00	166.82	0.01	167.34	0.61	167.86	1.00
166.31	0.00	166.83	0.01	167.35	0.62	167.87	1.01
166.32	0.00	166.84	0.02	167.36	0.63	167.88	1.02
166.33	0.00	166.85	0.02	167.37	0.64	167.89	1.02
166.34	0.00	166.86	0.03	167.38	0.65	167.90	1.03
166.35	0.00	166.87	0.03	167.39	0.66	167.91	1.03
166.36	0.00	166.88	0.04	167.40	0.66	167.92	1.04
166.37	0.00	166.89	0.04	167.41	0.67	167.93	1.05
166.38	0.00	166.90	0.05	167.42	0.68	167.94	1.05
166.39	0.00	166.91	0.06	167.43	0.69	167.95	1.06
166.40	0.00	166.92	0.07	167.44	0.70	167.96	1.06
166.41	0.00	166.93	0.08	167.45	0.71	167.97	1.07
166.42	0.00	166.94	0.09	167.46	0.72	167.98	1.08
166.43	0.00	166.95	0.10	167.47	0.73	167.99	1.08
166.44	0.00	166.96	0.11	167.48	0.74	168.00	1.09
166.45	0.00	166.97	0.12	167.49	0.74	168.01	1.09
166.46	0.00	166.98	0.13	167.50	0.75	168.02	1.10
166.47	0.00	166.99	0.14	167.51	0.76	168.03	1.10
166.48	0.00	167.00	0.15	167.52	0.77	168.04	1.11
166.49	0.00	167.01	0.16	167.53	0.78	168.05	1.11
166.50	0.00	167.02	0.18	167.54	0.78	168.06	1.12
166.51	0.00	167.03	0.19	167.55	0.79	168.07	1.13

Stage-Discharge for Pond B-45: Basin #45 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	1.13	168.60	3.20	169.12	10.42	169.64	22.29
168.09	1.14	168.61	3.30	169.13	10.59	169.65	22.99
168.10	1.14	168.62	3.41	169.14	10.76	169.66	23.71
168.11	1.15	168.63	3.52	169.15	10.93	169.67	24.46
168.12	1.15	168.64	3.63	169.16	11.10	169.68	25.22
168.13	1.16	168.65	3.74	169.17	11.27	169.69	26.01
168.14	1.16	168.66	3.85	169.18	11.44	169.70	26.82
168.15	1.17	168.67	3.97	169.19	11.61	169.71	27.69
168.16	1.17	168.68	4.08	169.20	11.78	169.72	28.58
168.17	1.18	168.69	4.20	169.21	11.96	169.73	29.50
168.18	1.18	168.70	4.32	169.22	12.13	169.74	30.45
168.19	1.19	168.71	4.44	169.23	12.31	169.75	31.42
168.20	1.19	168.72	4.56	169.24	12.48	169.76	32.42
168.21	1.20	168.73	4.68	169.25	12.66	169.77	33.44
168.22	1.20	168.74	4.81	169.26	12.84	169.78	34.48
168.23	1.21	168.75	4.94	169.27	13.02	169.79	35.55
168.24	1.22	168.76	5.06	169.28	13.20	169.80	36.65
168.25	1.22	168.77	5.19	169.29	13.38	169.81	37.76
168.26	1.23	168.78	5.32	169.30	13.56	169.82	38.91
168.27	1.23	168.79	5.45	169.31	13.74	169.83	40.08
168.28	1.24	168.80	5.59	169.32	13.92	169.84	41.27
168.29	1.24	168.81	5.72	169.33	14.10	169.85	42.48
168.30	1.25	168.82	5.86	169.34	14.29	169.86	43.72
168.31	1.25	168.83	5.99	169.35	14.47	169.87	44.99
168.32	1.25	168.84	6.13	169.36	14.66	169.88	46.28
168.33	1.26	168.85	6.27	169.37	14.84	169.89	47.59
168.34	1.28	168.86	6.41	169.38	15.03	169.90	48.93
168.35	1.31	168.87	6.55	169.39	15.22	169.91	50.31
168.36	1.34	168.88	6.69	169.40	15.41	169.92	51.73
168.37	1.38	168.89	6.84	169.41	15.60	169.93	53.17
168.38	1.43	168.90	6.98	169.42	15.62	169.94	54.63
168.39	1.48	168.91	7.13	169.43	15.64	169.95	56.12
168.40	1.53	168.92	7.27	169.44	15.67	169.96	57.64
168.41	1.59	168.93	7.42	169.45	15.69	169.97	59.19
168.42	1.65	168.94	7.57	169.46	15.71	169.98	60.76
168.43	1.72	168.95	7.72	169.47	15.74	169.99	62.35
168.44	1.79	168.96	7.87	169.48	15.76	170.00	63.98
168.45	1.86	168.97	8.02	169.49	15.78		
168.46	1.93	168.98	8.18	169.50	15.80		
168.47	2.01	168.99	8.33	169.51	15.94		
168.48	2.09	169.00	8.49	169.52	16.18		
168.49	2.17	169.01	8.64	169.53	16.48		
168.50	2.25	169.02	8.80	169.54	16.83		
168.51	2.33	169.03	8.96	169.55	17.23		
168.52	2.42	169.04	9.12	169.56	17.67		
168.53	2.51	169.05	9.28	169.57	18.14		
168.54	2.60	169.06	9.44	169.58	18.64		
168.55	2.70	169.07	9.60	169.59	19.18		
168.56	2.79	169.08	9.76	169.60	19.75		
168.57	2.89	169.09	9.93	169.61	20.35		
168.58	2.99	169.10	10.09	169.62	20.97		
168.59	3.09	169.11	10.26	169.63	21.62		

Stage-Area-Storage for Pond B-45: Basin #45

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,365	0	166.52	7,365	3,830
166.01	7,365	74	166.53	7,365	3,903
166.02	7,365	147	166.54	7,365	3,977
166.03	7,365	221	166.55	7,365	4,051
166.04	7,365	295	166.56	7,365	4,124
166.05	7,365	368	166.57	7,365	4,198
166.06	7,365	442	166.58	7,365	4,272
166.07	7,365	516	166.59	7,365	4,345
166.08	7,365	589	166.60	7,365	4,419
166.09	7,365	663	166.61	7,365	4,493
166.10	7,365	736	166.62	7,365	4,566
166.11	7,365	810	166.63	7,365	4,640
166.12	7,365	884	166.64	7,365	4,714
166.13	7,365	957	166.65	7,365	4,787
166.14	7,365	1,031	166.66	7,365	4,861
166.15	7,365	1,105	166.67	7,365	4,935
166.16	7,365	1,178	166.68	7,365	5,008
166.17	7,365	1,252	166.69	7,365	5,082
166.18	7,365	1,326	166.70	7,365	5,155
166.19	7,365	1,399	166.71	7,365	5,229
166.20	7,365	1,473	166.72	7,365	5,303
166.21	7,365	1,547	166.73	7,365	5,376
166.22	7,365	1,620	166.74	7,365	5,450
166.23	7,365	1,694	166.75	7,365	5,524
166.24	7,365	1,768	166.76	7,365	5,597
166.25	7,365	1,841	166.77	7,365	5,671
166.26	7,365	1,915	166.78	7,365	5,745
166.27	7,365	1,989	166.79	7,365	5,818
166.28	7,365	2,062	166.80	7,365	5,892
166.29	7,365	2,136	166.81	7,365	5,966
166.30	7,365	2,210	166.82	7,365	6,039
166.31	7,365	2,283	166.83	7,365	6,113
166.32	7,365	2,357	166.84	7,365	6,187
166.33	7,365	2,430	166.85	7,365	6,260
166.34	7,365	2,504	166.86	7,365	6,334
166.35	7,365	2,578	166.87	7,365	6,408
166.36	7,365	2,651	166.88	7,365	6,481
166.37	7,365	2,725	166.89	7,365	6,555
166.38	7,365	2,799	166.90	7,365	6,629
166.39	7,365	2,872	166.91	7,365	6,702
166.40	7,365	2,946	166.92	7,365	6,776
166.41	7,365	3,020	166.93	7,365	6,849
166.42	7,365	3,093	166.94	7,365	6,923
166.43	7,365	3,167	166.95	7,365	6,997
166.44	7,365	3,241	166.96	7,365	7,070
166.45	7,365	3,314	166.97	7,365	7,144
166.46	7,365	3,388	166.98	7,365	7,218
166.47	7,365	3,462	166.99	7,365	7,291
166.48	7,365	3,535	167.00	7,365	7,365
166.49	7,365	3,609	167.01	7,365	7,439
166.50	7,365	3,683	167.02	7,365	7,512
166.51	7,365	3,756	167.03	7,365	7,586

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,365	7,660	167.56	7,365	11,489
167.05	7,365	7,733	167.57	7,365	11,563
167.06	7,365	7,807	167.58	7,365	11,637
167.07	7,365	7,881	167.59	7,365	11,710
167.08	7,365	7,954	167.60	7,365	11,784
167.09	7,365	8,028	167.61	7,365	11,858
167.10	7,365	8,101	167.62	7,365	11,931
167.11	7,365	8,175	167.63	7,365	12,005
167.12	7,365	8,249	167.64	7,365	12,079
167.13	7,365	8,322	167.65	7,365	12,152
167.14	7,365	8,396	167.66	7,365	12,226
167.15	7,365	8,470	167.67	7,365	12,300
167.16	7,365	8,543	167.68	7,365	12,373
167.17	7,365	8,617	167.69	7,365	12,447
167.18	7,365	8,691	167.70	7,365	12,520
167.19	7,365	8,764	167.71	7,365	12,594
167.20	7,365	8,838	167.72	7,365	12,668
167.21	7,365	8,912	167.73	7,365	12,741
167.22	7,365	8,985	167.74	7,365	12,815
167.23	7,365	9,059	167.75	7,365	12,889
167.24	7,365	9,133	167.76	7,365	12,962
167.25	7,365	9,206	167.77	7,365	13,036
167.26	7,365	9,280	167.78	7,365	13,110
167.27	7,365	9,354	167.79	7,365	13,183
167.28	7,365	9,427	167.80	7,365	13,257
167.29	7,365	9,501	167.81	7,365	13,331
167.30	7,365	9,575	167.82	7,365	13,404
167.31	7,365	9,648	167.83	7,365	13,478
167.32	7,365	9,722	167.84	7,365	13,552
167.33	7,365	9,795	167.85	7,365	13,625
167.34	7,365	9,869	167.86	7,365	13,699
167.35	7,365	9,943	167.87	7,365	13,773
167.36	7,365	10,016	167.88	7,365	13,846
167.37	7,365	10,090	167.89	7,365	13,920
167.38	7,365	10,164	167.90	7,365	13,994
167.39	7,365	10,237	167.91	7,365	14,067
167.40	7,365	10,311	167.92	7,365	14,141
167.41	7,365	10,385	167.93	7,365	14,214
167.42	7,365	10,458	167.94	7,365	14,288
167.43	7,365	10,532	167.95	7,365	14,362
167.44	7,365	10,606	167.96	7,365	14,435
167.45	7,365	10,679	167.97	7,365	14,509
167.46	7,365	10,753	167.98	7,365	14,583
167.47	7,365	10,827	167.99	7,365	14,656
167.48	7,365	10,900	168.00	7,365	14,730
167.49	7,365	10,974	168.01	7,365	14,804
167.50	7,365	11,048	168.02	7,365	14,877
167.51	7,365	11,121	168.03	7,365	14,951
167.52	7,365	11,195	168.04	7,365	15,025
167.53	7,365	11,268	168.05	7,365	15,098
167.54	7,365	11,342	168.06	7,365	15,172
167.55	7,365	11,416	168.07	7,365	15,246

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,365	15,319	168.60	7,365	19,149
168.09	7,365	15,393	168.61	7,365	19,223
168.10	7,365	15,466	168.62	7,365	19,296
168.11	7,365	15,540	168.63	7,365	19,370
168.12	7,365	15,614	168.64	7,365	19,444
168.13	7,365	15,687	168.65	7,365	19,517
168.14	7,365	15,761	168.66	7,365	19,591
168.15	7,365	15,835	168.67	7,365	19,665
168.16	7,365	15,908	168.68	7,365	19,738
168.17	7,365	15,982	168.69	7,365	19,812
168.18	7,365	16,056	168.70	7,365	19,885
168.19	7,365	16,129	168.71	7,365	19,959
168.20	7,365	16,203	168.72	7,365	20,033
168.21	7,365	16,277	168.73	7,365	20,106
168.22	7,365	16,350	168.74	7,365	20,180
168.23	7,365	16,424	168.75	7,365	20,254
168.24	7,365	16,498	168.76	7,365	20,327
168.25	7,365	16,571	168.77	7,365	20,401
168.26	7,365	16,645	168.78	7,365	20,475
168.27	7,365	16,719	168.79	7,365	20,548
168.28	7,365	16,792	168.80	7,365	20,622
168.29	7,365	16,866	168.81	7,365	20,696
168.30	7,365	16,940	168.82	7,365	20,769
168.31	7,365	17,013	168.83	7,365	20,843
168.32	7,365	17,087	168.84	7,365	20,917
168.33	7,365	17,160	168.85	7,365	20,990
168.34	7,365	17,234	168.86	7,365	21,064
168.35	7,365	17,308	168.87	7,365	21,138
168.36	7,365	17,381	168.88	7,365	21,211
168.37	7,365	17,455	168.89	7,365	21,285
168.38	7,365	17,529	168.90	7,365	21,359
168.39	7,365	17,602	168.91	7,365	21,432
168.40	7,365	17,676	168.92	7,365	21,506
168.41	7,365	17,750	168.93	7,365	21,579
168.42	7,365	17,823	168.94	7,365	21,653
168.43	7,365	17,897	168.95	7,365	21,727
168.44	7,365	17,971	168.96	7,365	21,800
168.45	7,365	18,044	168.97	7,365	21,874
168.46	7,365	18,118	168.98	7,365	21,948
168.47	7,365	18,192	168.99	7,365	22,021
168.48	7,365	18,265	169.00	7,365	22,095
168.49	7,365	18,339	169.01	7,365	22,169
168.50	7,365	18,413	169.02	7,365	22,242
168.51	7,365	18,486	169.03	7,365	22,316
168.52	7,365	18,560	169.04	7,365	22,390
168.53	7,365	18,633	169.05	7,365	22,463
168.54	7,365	18,707	169.06	7,365	22,537
168.55	7,365	18,781	169.07	7,365	22,611
168.56	7,365	18,854	169.08	7,365	22,684
168.57	7,365	18,928	169.09	7,365	22,758
168.58	7,365	19,002	169.10	7,365	22,831
168.59	7,365	19,075	169.11	7,365	22,905

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,365	22,979	169.64	7,365	26,809
169.13	7,365	23,052	169.65	7,365	26,882
169.14	7,365	23,126	169.66	7,365	26,956
169.15	7,365	23,200	169.67	7,365	27,030
169.16	7,365	23,273	169.68	7,365	27,103
169.17	7,365	23,347	169.69	7,365	27,177
169.18	7,365	23,421	169.70	7,365	27,250
169.19	7,365	23,494	169.71	7,365	27,324
169.20	7,365	23,568	169.72	7,365	27,398
169.21	7,365	23,642	169.73	7,365	27,471
169.22	7,365	23,715	169.74	7,365	27,545
169.23	7,365	23,789	169.75	7,365	27,619
169.24	7,365	23,863	169.76	7,365	27,692
169.25	7,365	23,936	169.77	7,365	27,766
169.26	7,365	24,010	169.78	7,365	27,840
169.27	7,365	24,084	169.79	7,365	27,913
169.28	7,365	24,157	169.80	7,365	27,987
169.29	7,365	24,231	169.81	7,365	28,061
169.30	7,365	24,305	169.82	7,365	28,134
169.31	7,365	24,378	169.83	7,365	28,208
169.32	7,365	24,452	169.84	7,365	28,282
169.33	7,365	24,525	169.85	7,365	28,355
169.34	7,365	24,599	169.86	7,365	28,429
169.35	7,365	24,673	169.87	7,365	28,503
169.36	7,365	24,746	169.88	7,365	28,576
169.37	7,365	24,820	169.89	7,365	28,650
169.38	7,365	24,894	169.90	7,365	28,724
169.39	7,365	24,967	169.91	7,365	28,797
169.40	7,365	25,041	169.92	7,365	28,871
169.41	7,365	25,115	169.93	7,365	28,944
169.42	7,365	25,188	169.94	7,365	29,018
169.43	7,365	25,262	169.95	7,365	29,092
169.44	7,365	25,336	169.96	7,365	29,165
169.45	7,365	25,409	169.97	7,365	29,239
169.46	7,365	25,483	169.98	7,365	29,313
169.47	7,365	25,557	169.99	7,365	29,386
169.48	7,365	25,630	170.00	7,365	29,460
169.49	7,365	25,704			
169.50	7,365	25,778			
169.51	7,365	25,851			
169.52	7,365	25,925			
169.53	7,365	25,998			
169.54	7,365	26,072			
169.55	7,365	26,146			
169.56	7,365	26,219			
169.57	7,365	26,293			
169.58	7,365	26,367			
169.59	7,365	26,440			
169.60	7,365	26,514			
169.61	7,365	26,588			
169.62	7,365	26,661			
169.63	7,365	26,735			

Summary for Pond B-46A: Basin #46A

Inflow Area = 2.480 ac, 46.25% Impervious, Inflow Depth = 0.52" for WQ Storm event
 Inflow = 3.51 cfs @ 1.04 hrs, Volume= 0.107 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Pond B-46B : Basin #46B

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.77' @ 2.20 hrs Surf.Area= 6,426 sf Storage= 4,664 cf

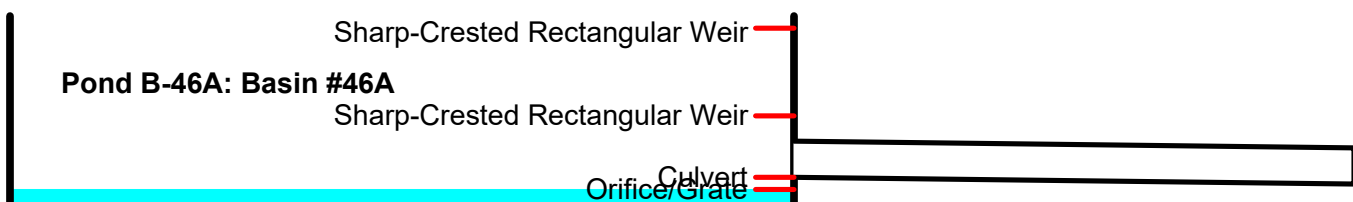
Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	96,530 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,720	0	0
181.00	6,639	6,180	6,180
182.00	7,998	7,319	13,498
183.00	9,413	8,706	22,204
184.00	12,515	10,964	33,168
185.00	14,128	13,322	46,489
186.00	15,798	14,963	61,452
187.00	17,524	16,661	78,113
188.00	19,310	18,417	96,530

Device	Routing	Invert	Outlet Devices
#1	Primary	187.50'	50.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s) 0.5' Crest Height
#2	Device 1	180.77'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	183.84'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.28'	18.0" Round Culvert L= 56.0' Ke= 1.000 Inlet / Outlet Invert= 181.28' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf

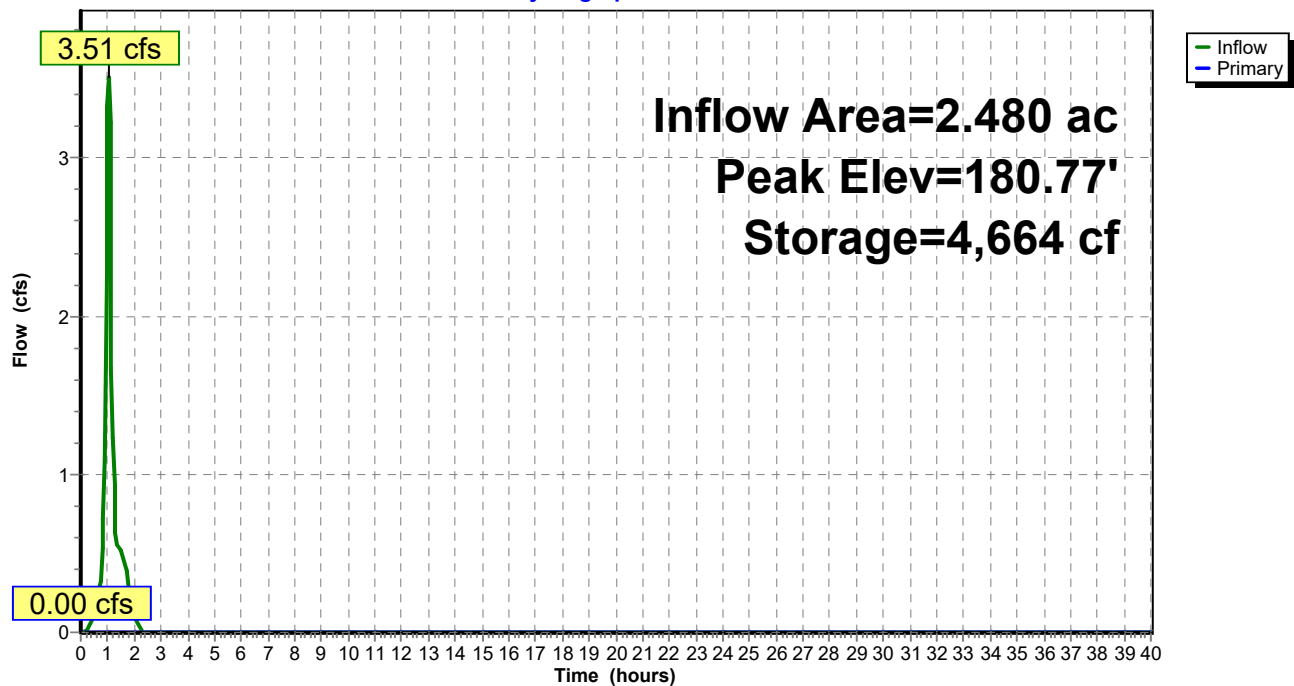
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=180.00' (Free Discharge)

- 1=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Culvert (Controls 0.00 cfs)



Pond B-46A: Basin #46A

Hydrograph



Hydrograph for Pond B-46A: Basin #46A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.06	8	180.00	0.00
0.50	0.12	41	180.01	0.00
0.60	0.23	107	180.02	0.00
0.70	0.29	200	180.03	0.00
0.80	0.53	331	180.06	0.00
0.90	1.09	606	180.10	0.00
1.00	3.33	1,412	180.24	0.00
1.10	3.22	2,633	180.44	0.00
1.20	1.23	3,336	180.56	0.00
1.30	0.64	3,672	180.61	0.00
1.40	0.55	3,878	180.64	0.00
1.50	0.55	4,077	180.68	0.00
1.60	0.43	4,247	180.70	0.00
1.70	0.43	4,402	180.73	0.00
1.80	0.21	4,535	180.75	0.00
1.90	0.15	4,594	180.76	0.00
2.00	0.14	4,646	180.77	0.00
2.10	0.00	4,664	180.77	0.00
2.20	0.00	4,664	180.77	0.00
2.30	0.00	4,664	180.77	0.00
2.40	0.00	4,664	180.77	0.00
2.50	0.00	4,664	180.77	0.00
2.60	0.00	4,664	180.77	0.00
2.70	0.00	4,664	180.77	0.00
2.80	0.00	4,664	180.77	0.00
2.90	0.00	4,664	180.77	0.00
3.00	0.00	4,664	180.77	0.00
3.10	0.00	4,664	180.77	0.00
3.20	0.00	4,664	180.77	0.00
3.30	0.00	4,664	180.77	0.00
3.40	0.00	4,664	180.77	0.00
3.50	0.00	4,664	180.77	0.00
3.60	0.00	4,664	180.77	0.00
3.70	0.00	4,664	180.77	0.00
3.80	0.00	4,664	180.77	0.00
3.90	0.00	4,664	180.77	0.00
4.00	0.00	4,664	180.77	0.00
4.10	0.00	4,664	180.77	0.00
4.20	0.00	4,664	180.77	0.00
4.30	0.00	4,664	180.77	0.00
4.40	0.00	4,664	180.77	0.00
4.50	0.00	4,664	180.77	0.00
4.60	0.00	4,664	180.77	0.00
4.70	0.00	4,664	180.77	0.00
4.80	0.00	4,664	180.77	0.00
4.90	0.00	4,664	180.77	0.00
5.00	0.00	4,664	180.77	0.00
5.10	0.00	4,664	180.77	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	4,664	180.77	0.00
5.30	0.00	4,664	180.77	0.00
5.40	0.00	4,664	180.77	0.00
5.50	0.00	4,664	180.77	0.00
5.60	0.00	4,664	180.77	0.00
5.70	0.00	4,664	180.77	0.00
5.80	0.00	4,664	180.77	0.00
5.90	0.00	4,664	180.77	0.00
6.00	0.00	4,664	180.77	0.00
6.10	0.00	4,664	180.77	0.00
6.20	0.00	4,664	180.77	0.00
6.30	0.00	4,664	180.77	0.00
6.40	0.00	4,664	180.77	0.00
6.50	0.00	4,664	180.77	0.00
6.60	0.00	4,664	180.77	0.00
6.70	0.00	4,664	180.77	0.00
6.80	0.00	4,664	180.77	0.00
6.90	0.00	4,664	180.77	0.00
7.00	0.00	4,664	180.77	0.00
7.10	0.00	4,664	180.77	0.00
7.20	0.00	4,664	180.77	0.00
7.30	0.00	4,664	180.77	0.00
7.40	0.00	4,664	180.77	0.00
7.50	0.00	4,664	180.77	0.00
7.60	0.00	4,664	180.77	0.00
7.70	0.00	4,664	180.77	0.00
7.80	0.00	4,664	180.77	0.00
7.90	0.00	4,664	180.77	0.00
8.00	0.00	4,664	180.77	0.00
8.10	0.00	4,664	180.77	0.00
8.20	0.00	4,664	180.77	0.00
8.30	0.00	4,664	180.77	0.00
8.40	0.00	4,664	180.77	0.00
8.50	0.00	4,664	180.77	0.00
8.60	0.00	4,664	180.77	0.00
8.70	0.00	4,664	180.77	0.00
8.80	0.00	4,664	180.77	0.00
8.90	0.00	4,664	180.77	0.00
9.00	0.00	4,664	180.77	0.00
9.10	0.00	4,664	180.77	0.00
9.20	0.00	4,664	180.77	0.00
9.30	0.00	4,664	180.77	0.00
9.40	0.00	4,664	180.77	0.00
9.50	0.00	4,664	180.77	0.00
9.60	0.00	4,664	180.77	0.00
9.70	0.00	4,664	180.77	0.00
9.80	0.00	4,664	180.77	0.00
9.90	0.00	4,664	180.77	0.00
10.00	0.00	4,664	180.77	0.00
10.10	0.00	4,664	180.77	0.00
10.20	0.00	4,664	180.77	0.00
10.30	0.00	4,664	180.77	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	4,664	180.77	0.00
10.50	0.00	4,664	180.77	0.00
10.60	0.00	4,664	180.77	0.00
10.70	0.00	4,664	180.77	0.00
10.80	0.00	4,664	180.77	0.00
10.90	0.00	4,664	180.77	0.00
11.00	0.00	4,664	180.77	0.00
11.10	0.00	4,664	180.77	0.00
11.20	0.00	4,664	180.77	0.00
11.30	0.00	4,664	180.77	0.00
11.40	0.00	4,664	180.77	0.00
11.50	0.00	4,664	180.77	0.00
11.60	0.00	4,664	180.77	0.00
11.70	0.00	4,664	180.77	0.00
11.80	0.00	4,664	180.77	0.00
11.90	0.00	4,664	180.77	0.00
12.00	0.00	4,664	180.77	0.00
12.10	0.00	4,664	180.77	0.00
12.20	0.00	4,664	180.77	0.00
12.30	0.00	4,664	180.77	0.00
12.40	0.00	4,664	180.77	0.00
12.50	0.00	4,664	180.77	0.00
12.60	0.00	4,664	180.77	0.00
12.70	0.00	4,664	180.77	0.00
12.80	0.00	4,664	180.77	0.00
12.90	0.00	4,664	180.77	0.00
13.00	0.00	4,664	180.77	0.00
13.10	0.00	4,664	180.77	0.00
13.20	0.00	4,664	180.77	0.00
13.30	0.00	4,664	180.77	0.00
13.40	0.00	4,664	180.77	0.00
13.50	0.00	4,664	180.77	0.00
13.60	0.00	4,664	180.77	0.00
13.70	0.00	4,664	180.77	0.00
13.80	0.00	4,664	180.77	0.00
13.90	0.00	4,664	180.77	0.00
14.00	0.00	4,664	180.77	0.00
14.10	0.00	4,664	180.77	0.00
14.20	0.00	4,664	180.77	0.00
14.30	0.00	4,664	180.77	0.00
14.40	0.00	4,664	180.77	0.00
14.50	0.00	4,664	180.77	0.00
14.60	0.00	4,664	180.77	0.00
14.70	0.00	4,664	180.77	0.00
14.80	0.00	4,664	180.77	0.00
14.90	0.00	4,664	180.77	0.00
15.00	0.00	4,664	180.77	0.00
15.10	0.00	4,664	180.77	0.00
15.20	0.00	4,664	180.77	0.00
15.30	0.00	4,664	180.77	0.00
15.40	0.00	4,664	180.77	0.00
15.50	0.00	4,664	180.77	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	4,664	180.77	0.00
15.70	0.00	4,664	180.77	0.00
15.80	0.00	4,664	180.77	0.00
15.90	0.00	4,664	180.77	0.00
16.00	0.00	4,664	180.77	0.00
16.10	0.00	4,664	180.77	0.00
16.20	0.00	4,664	180.77	0.00
16.30	0.00	4,664	180.77	0.00
16.40	0.00	4,664	180.77	0.00
16.50	0.00	4,664	180.77	0.00
16.60	0.00	4,664	180.77	0.00
16.70	0.00	4,664	180.77	0.00
16.80	0.00	4,664	180.77	0.00
16.90	0.00	4,664	180.77	0.00
17.00	0.00	4,664	180.77	0.00
17.10	0.00	4,664	180.77	0.00
17.20	0.00	4,664	180.77	0.00
17.30	0.00	4,664	180.77	0.00
17.40	0.00	4,664	180.77	0.00
17.50	0.00	4,664	180.77	0.00
17.60	0.00	4,664	180.77	0.00
17.70	0.00	4,664	180.77	0.00
17.80	0.00	4,664	180.77	0.00
17.90	0.00	4,664	180.77	0.00
18.00	0.00	4,664	180.77	0.00
18.10	0.00	4,664	180.77	0.00
18.20	0.00	4,664	180.77	0.00
18.30	0.00	4,664	180.77	0.00
18.40	0.00	4,664	180.77	0.00
18.50	0.00	4,664	180.77	0.00
18.60	0.00	4,664	180.77	0.00
18.70	0.00	4,664	180.77	0.00
18.80	0.00	4,664	180.77	0.00
18.90	0.00	4,664	180.77	0.00
19.00	0.00	4,664	180.77	0.00
19.10	0.00	4,664	180.77	0.00
19.20	0.00	4,664	180.77	0.00
19.30	0.00	4,664	180.77	0.00
19.40	0.00	4,664	180.77	0.00
19.50	0.00	4,664	180.77	0.00
19.60	0.00	4,664	180.77	0.00
19.70	0.00	4,664	180.77	0.00
19.80	0.00	4,664	180.77	0.00
19.90	0.00	4,664	180.77	0.00
20.00	0.00	4,664	180.77	0.00
20.10	0.00	4,664	180.77	0.00
20.20	0.00	4,664	180.77	0.00
20.30	0.00	4,664	180.77	0.00
20.40	0.00	4,664	180.77	0.00
20.50	0.00	4,664	180.77	0.00
20.60	0.00	4,664	180.77	0.00
20.70	0.00	4,664	180.77	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	4,664	180.77	0.00
20.90	0.00	4,664	180.77	0.00
21.00	0.00	4,664	180.77	0.00
21.10	0.00	4,664	180.77	0.00
21.20	0.00	4,664	180.77	0.00
21.30	0.00	4,664	180.77	0.00
21.40	0.00	4,664	180.77	0.00
21.50	0.00	4,664	180.77	0.00
21.60	0.00	4,664	180.77	0.00
21.70	0.00	4,664	180.77	0.00
21.80	0.00	4,664	180.77	0.00
21.90	0.00	4,664	180.77	0.00
22.00	0.00	4,664	180.77	0.00
22.10	0.00	4,664	180.77	0.00
22.20	0.00	4,664	180.77	0.00
22.30	0.00	4,664	180.77	0.00
22.40	0.00	4,664	180.77	0.00
22.50	0.00	4,664	180.77	0.00
22.60	0.00	4,664	180.77	0.00
22.70	0.00	4,664	180.77	0.00
22.80	0.00	4,664	180.77	0.00
22.90	0.00	4,664	180.77	0.00
23.00	0.00	4,664	180.77	0.00
23.10	0.00	4,664	180.77	0.00
23.20	0.00	4,664	180.77	0.00
23.30	0.00	4,664	180.77	0.00
23.40	0.00	4,664	180.77	0.00
23.50	0.00	4,664	180.77	0.00
23.60	0.00	4,664	180.77	0.00
23.70	0.00	4,664	180.77	0.00
23.80	0.00	4,664	180.77	0.00
23.90	0.00	4,664	180.77	0.00
24.00	0.00	4,664	180.77	0.00
24.10	0.00	4,664	180.77	0.00
24.20	0.00	4,664	180.77	0.00
24.30	0.00	4,664	180.77	0.00
24.40	0.00	4,664	180.77	0.00
24.50	0.00	4,664	180.77	0.00
24.60	0.00	4,664	180.77	0.00
24.70	0.00	4,664	180.77	0.00
24.80	0.00	4,664	180.77	0.00
24.90	0.00	4,664	180.77	0.00
25.00	0.00	4,664	180.77	0.00
25.10	0.00	4,664	180.77	0.00
25.20	0.00	4,664	180.77	0.00
25.30	0.00	4,664	180.77	0.00
25.40	0.00	4,664	180.77	0.00
25.50	0.00	4,664	180.77	0.00
25.60	0.00	4,664	180.77	0.00
25.70	0.00	4,664	180.77	0.00
25.80	0.00	4,664	180.77	0.00
25.90	0.00	4,664	180.77	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,664	180.77	0.00
26.10	0.00	4,664	180.77	0.00
26.20	0.00	4,664	180.77	0.00
26.30	0.00	4,664	180.77	0.00
26.40	0.00	4,664	180.77	0.00
26.50	0.00	4,664	180.77	0.00
26.60	0.00	4,664	180.77	0.00
26.70	0.00	4,664	180.77	0.00
26.80	0.00	4,664	180.77	0.00
26.90	0.00	4,664	180.77	0.00
27.00	0.00	4,664	180.77	0.00
27.10	0.00	4,664	180.77	0.00
27.20	0.00	4,664	180.77	0.00
27.30	0.00	4,664	180.77	0.00
27.40	0.00	4,664	180.77	0.00
27.50	0.00	4,664	180.77	0.00
27.60	0.00	4,664	180.77	0.00
27.70	0.00	4,664	180.77	0.00
27.80	0.00	4,664	180.77	0.00
27.90	0.00	4,664	180.77	0.00
28.00	0.00	4,664	180.77	0.00
28.10	0.00	4,664	180.77	0.00
28.20	0.00	4,664	180.77	0.00
28.30	0.00	4,664	180.77	0.00
28.40	0.00	4,664	180.77	0.00
28.50	0.00	4,664	180.77	0.00
28.60	0.00	4,664	180.77	0.00
28.70	0.00	4,664	180.77	0.00
28.80	0.00	4,664	180.77	0.00
28.90	0.00	4,664	180.77	0.00
29.00	0.00	4,664	180.77	0.00
29.10	0.00	4,664	180.77	0.00
29.20	0.00	4,664	180.77	0.00
29.30	0.00	4,664	180.77	0.00
29.40	0.00	4,664	180.77	0.00
29.50	0.00	4,664	180.77	0.00
29.60	0.00	4,664	180.77	0.00
29.70	0.00	4,664	180.77	0.00
29.80	0.00	4,664	180.77	0.00
29.90	0.00	4,664	180.77	0.00
30.00	0.00	4,664	180.77	0.00
30.10	0.00	4,664	180.77	0.00
30.20	0.00	4,664	180.77	0.00
30.30	0.00	4,664	180.77	0.00
30.40	0.00	4,664	180.77	0.00
30.50	0.00	4,664	180.77	0.00
30.60	0.00	4,664	180.77	0.00
30.70	0.00	4,664	180.77	0.00
30.80	0.00	4,664	180.77	0.00
30.90	0.00	4,664	180.77	0.00
31.00	0.00	4,664	180.77	0.00
31.10	0.00	4,664	180.77	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,664	180.77	0.00
31.30	0.00	4,664	180.77	0.00
31.40	0.00	4,664	180.77	0.00
31.50	0.00	4,664	180.77	0.00
31.60	0.00	4,664	180.77	0.00
31.70	0.00	4,664	180.77	0.00
31.80	0.00	4,664	180.77	0.00
31.90	0.00	4,664	180.77	0.00
32.00	0.00	4,664	180.77	0.00
32.10	0.00	4,664	180.77	0.00
32.20	0.00	4,664	180.77	0.00
32.30	0.00	4,664	180.77	0.00
32.40	0.00	4,664	180.77	0.00
32.50	0.00	4,664	180.77	0.00
32.60	0.00	4,664	180.77	0.00
32.70	0.00	4,664	180.77	0.00
32.80	0.00	4,664	180.77	0.00
32.90	0.00	4,664	180.77	0.00
33.00	0.00	4,664	180.77	0.00
33.10	0.00	4,664	180.77	0.00
33.20	0.00	4,664	180.77	0.00
33.30	0.00	4,664	180.77	0.00
33.40	0.00	4,664	180.77	0.00
33.50	0.00	4,664	180.77	0.00
33.60	0.00	4,664	180.77	0.00
33.70	0.00	4,664	180.77	0.00
33.80	0.00	4,664	180.77	0.00
33.90	0.00	4,664	180.77	0.00
34.00	0.00	4,664	180.77	0.00
34.10	0.00	4,664	180.77	0.00
34.20	0.00	4,664	180.77	0.00
34.30	0.00	4,664	180.77	0.00
34.40	0.00	4,664	180.77	0.00
34.50	0.00	4,664	180.77	0.00
34.60	0.00	4,664	180.77	0.00
34.70	0.00	4,664	180.77	0.00
34.80	0.00	4,664	180.77	0.00
34.90	0.00	4,664	180.77	0.00
35.00	0.00	4,664	180.77	0.00
35.10	0.00	4,664	180.77	0.00
35.20	0.00	4,664	180.77	0.00
35.30	0.00	4,664	180.77	0.00
35.40	0.00	4,664	180.77	0.00
35.50	0.00	4,664	180.77	0.00
35.60	0.00	4,664	180.77	0.00
35.70	0.00	4,664	180.77	0.00
35.80	0.00	4,664	180.77	0.00
35.90	0.00	4,664	180.77	0.00
36.00	0.00	4,664	180.77	0.00
36.10	0.00	4,664	180.77	0.00
36.20	0.00	4,664	180.77	0.00
36.30	0.00	4,664	180.77	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,664	180.77	0.00
36.50	0.00	4,664	180.77	0.00
36.60	0.00	4,664	180.77	0.00
36.70	0.00	4,664	180.77	0.00
36.80	0.00	4,664	180.77	0.00
36.90	0.00	4,664	180.77	0.00
37.00	0.00	4,664	180.77	0.00
37.10	0.00	4,664	180.77	0.00
37.20	0.00	4,664	180.77	0.00
37.30	0.00	4,664	180.77	0.00
37.40	0.00	4,664	180.77	0.00
37.50	0.00	4,664	180.77	0.00
37.60	0.00	4,664	180.77	0.00
37.70	0.00	4,664	180.77	0.00
37.80	0.00	4,664	180.77	0.00
37.90	0.00	4,664	180.77	0.00
38.00	0.00	4,664	180.77	0.00
38.10	0.00	4,664	180.77	0.00
38.20	0.00	4,664	180.77	0.00
38.30	0.00	4,664	180.77	0.00
38.40	0.00	4,664	180.77	0.00
38.50	0.00	4,664	180.77	0.00
38.60	0.00	4,664	180.77	0.00
38.70	0.00	4,664	180.77	0.00
38.80	0.00	4,664	180.77	0.00
38.90	0.00	4,664	180.77	0.00
39.00	0.00	4,664	180.77	0.00
39.10	0.00	4,664	180.77	0.00
39.20	0.00	4,664	180.77	0.00
39.30	0.00	4,664	180.77	0.00
39.40	0.00	4,664	180.77	0.00
39.50	0.00	4,664	180.77	0.00
39.60	0.00	4,664	180.77	0.00
39.70	0.00	4,664	180.77	0.00
39.80	0.00	4,664	180.77	0.00
39.90	0.00	4,664	180.77	0.00
40.00	0.00	4,664	180.77	0.00

Stage-Discharge for Pond B-46A: Basin #46A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.29
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.31
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.33
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.35
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.37
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.40
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.42
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.44
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.47
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.49
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.52
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.55
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.57
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.60
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.63
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.66
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.69
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.72
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.75
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.78
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.81
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.84
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.87
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.91
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.94
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.97
180.26	0.00	180.78	0.00	181.30	0.00	181.82	1.01
180.27	0.00	180.79	0.00	181.31	0.00	181.83	1.04
180.28	0.00	180.80	0.00	181.32	0.00	181.84	1.08
180.29	0.00	180.81	0.00	181.33	0.01	181.85	1.11
180.30	0.00	180.82	0.00	181.34	0.01	181.86	1.15
180.31	0.00	180.83	0.00	181.35	0.02	181.87	1.18
180.32	0.00	180.84	0.00	181.36	0.02	181.88	1.22
180.33	0.00	180.85	0.00	181.37	0.03	181.89	1.26
180.34	0.00	180.86	0.00	181.38	0.03	181.90	1.29
180.35	0.00	180.87	0.00	181.39	0.04	181.91	1.33
180.36	0.00	180.88	0.00	181.40	0.05	181.92	1.37
180.37	0.00	180.89	0.00	181.41	0.06	181.93	1.41
180.38	0.00	180.90	0.00	181.42	0.07	181.94	1.45
180.39	0.00	180.91	0.00	181.43	0.08	181.95	1.49
180.40	0.00	180.92	0.00	181.44	0.09	181.96	1.53
180.41	0.00	180.93	0.00	181.45	0.11	181.97	1.57
180.42	0.00	180.94	0.00	181.46	0.12	181.98	1.61
180.43	0.00	180.95	0.00	181.47	0.13	181.99	1.65
180.44	0.00	180.96	0.00	181.48	0.15	182.00	1.69
180.45	0.00	180.97	0.00	181.49	0.16	182.01	1.73
180.46	0.00	180.98	0.00	181.50	0.18	182.02	1.77
180.47	0.00	180.99	0.00	181.51	0.19	182.03	1.82
180.48	0.00	181.00	0.00	181.52	0.21	182.04	1.86
180.49	0.00	181.01	0.00	181.53	0.23	182.05	1.90
180.50	0.00	181.02	0.00	181.54	0.25	182.06	1.95
180.51	0.00	181.03	0.00	181.55	0.27	182.07	1.99

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	2.03	182.60	4.60	183.12	6.66	183.64	8.10
182.09	2.08	182.61	4.65	183.13	6.69	183.65	8.12
182.10	2.12	182.62	4.71	183.14	6.72	183.66	8.15
182.11	2.17	182.63	4.76	183.15	6.75	183.67	8.17
182.12	2.21	182.64	4.81	183.16	6.78	183.68	8.20
182.13	2.26	182.65	4.86	183.17	6.81	183.69	8.22
182.14	2.30	182.66	4.91	183.18	6.84	183.70	8.25
182.15	2.35	182.67	4.96	183.19	6.87	183.71	8.27
182.16	2.40	182.68	5.01	183.20	6.90	183.72	8.30
182.17	2.44	182.69	5.07	183.21	6.93	183.73	8.32
182.18	2.49	182.70	5.12	183.22	6.96	183.74	8.34
182.19	2.54	182.71	5.17	183.23	6.99	183.75	8.37
182.20	2.58	182.72	5.22	183.24	7.02	183.76	8.39
182.21	2.63	182.73	5.27	183.25	7.05	183.77	8.42
182.22	2.68	182.74	5.32	183.26	7.08	183.78	8.44
182.23	2.73	182.75	5.37	183.27	7.11	183.79	8.47
182.24	2.77	182.76	5.42	183.28	7.13	183.80	8.49
182.25	2.82	182.77	5.47	183.29	7.16	183.81	8.51
182.26	2.87	182.78	5.52	183.30	7.19	183.82	8.54
182.27	2.92	182.79	5.56	183.31	7.22	183.83	8.56
182.28	2.97	182.80	5.60	183.32	7.25	183.84	8.59
182.29	3.02	182.81	5.64	183.33	7.28	183.85	8.61
182.30	3.07	182.82	5.67	183.34	7.30	183.86	8.63
182.31	3.12	182.83	5.71	183.35	7.33	183.87	8.66
182.32	3.17	182.84	5.74	183.36	7.36	183.88	8.68
182.33	3.22	182.85	5.78	183.37	7.39	183.89	8.70
182.34	3.27	182.86	5.81	183.38	7.41	183.90	8.73
182.35	3.32	182.87	5.85	183.39	7.44	183.91	8.75
182.36	3.37	182.88	5.88	183.40	7.47	183.92	8.77
182.37	3.42	182.89	5.92	183.41	7.50	183.93	8.80
182.38	3.47	182.90	5.95	183.42	7.52	183.94	8.82
182.39	3.52	182.91	5.99	183.43	7.55	183.95	8.84
182.40	3.57	182.92	6.02	183.44	7.58	183.96	8.87
182.41	3.62	182.93	6.05	183.45	7.60	183.97	8.89
182.42	3.67	182.94	6.09	183.46	7.63	183.98	8.91
182.43	3.72	182.95	6.12	183.47	7.66	183.99	8.93
182.44	3.77	182.96	6.15	183.48	7.68	184.00	8.96
182.45	3.83	182.97	6.19	183.49	7.71	184.01	8.98
182.46	3.88	182.98	6.22	183.50	7.74	184.02	9.00
182.47	3.93	182.99	6.25	183.51	7.76	184.03	9.02
182.48	3.98	183.00	6.29	183.52	7.79	184.04	9.05
182.49	4.03	183.01	6.32	183.53	7.82	184.05	9.07
182.50	4.08	183.02	6.35	183.54	7.84	184.06	9.09
182.51	4.13	183.03	6.38	183.55	7.87	184.07	9.11
182.52	4.19	183.04	6.41	183.56	7.89	184.08	9.14
182.53	4.24	183.05	6.45	183.57	7.92	184.09	9.16
182.54	4.29	183.06	6.48	183.58	7.94	184.10	9.18
182.55	4.34	183.07	6.51	183.59	7.97	184.11	9.20
182.56	4.39	183.08	6.54	183.60	8.00	184.12	9.23
182.57	4.45	183.09	6.57	183.61	8.02	184.13	9.25
182.58	4.50	183.10	6.60	183.62	8.05	184.14	9.27
182.59	4.55	183.11	6.63	183.63	8.07	184.15	9.29

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	9.31	184.68	10.39	185.20	11.36	185.72	12.26
184.17	9.34	184.69	10.41	185.21	11.38	185.73	12.28
184.18	9.36	184.70	10.43	185.22	11.40	185.74	12.29
184.19	9.38	184.71	10.45	185.23	11.42	185.75	12.31
184.20	9.40	184.72	10.47	185.24	11.43	185.76	12.32
184.21	9.42	184.73	10.49	185.25	11.45	185.77	12.34
184.22	9.44	184.74	10.51	185.26	11.47	185.78	12.36
184.23	9.47	184.75	10.52	185.27	11.49	185.79	12.37
184.24	9.49	184.76	10.54	185.28	11.50	185.80	12.39
184.25	9.51	184.77	10.56	185.29	11.52	185.81	12.41
184.26	9.53	184.78	10.58	185.30	11.54	185.82	12.42
184.27	9.55	184.79	10.60	185.31	11.56	185.83	12.44
184.28	9.57	184.80	10.62	185.32	11.58	185.84	12.46
184.29	9.59	184.81	10.64	185.33	11.59	185.85	12.47
184.30	9.61	184.82	10.66	185.34	11.61	185.86	12.49
184.31	9.64	184.83	10.68	185.35	11.63	185.87	12.51
184.32	9.66	184.84	10.70	185.36	11.65	185.88	12.52
184.33	9.68	184.85	10.72	185.37	11.66	185.89	12.54
184.34	9.70	184.86	10.74	185.38	11.68	185.90	12.55
184.35	9.72	184.87	10.75	185.39	11.70	185.91	12.57
184.36	9.74	184.88	10.77	185.40	11.72	185.92	12.59
184.37	9.76	184.89	10.79	185.41	11.73	185.93	12.60
184.38	9.78	184.90	10.81	185.42	11.75	185.94	12.62
184.39	9.80	184.91	10.83	185.43	11.77	185.95	12.63
184.40	9.82	184.92	10.85	185.44	11.78	185.96	12.65
184.41	9.85	184.93	10.87	185.45	11.80	185.97	12.67
184.42	9.87	184.94	10.89	185.46	11.82	185.98	12.68
184.43	9.89	184.95	10.90	185.47	11.84	185.99	12.70
184.44	9.91	184.96	10.92	185.48	11.85	186.00	12.72
184.45	9.93	184.97	10.94	185.49	11.87	186.01	12.73
184.46	9.95	184.98	10.96	185.50	11.89	186.02	12.75
184.47	9.97	184.99	10.98	185.51	11.90	186.03	12.76
184.48	9.99	185.00	11.00	185.52	11.92	186.04	12.78
184.49	10.01	185.01	11.02	185.53	11.94	186.05	12.80
184.50	10.03	185.02	11.03	185.54	11.96	186.06	12.81
184.51	10.05	185.03	11.05	185.55	11.97	186.07	12.83
184.52	10.07	185.04	11.07	185.56	11.99	186.08	12.84
184.53	10.09	185.05	11.09	185.57	12.01	186.09	12.86
184.54	10.11	185.06	11.11	185.58	12.02	186.10	12.87
184.55	10.13	185.07	11.13	185.59	12.04	186.11	12.89
184.56	10.15	185.08	11.14	185.60	12.06	186.12	12.91
184.57	10.17	185.09	11.16	185.61	12.07	186.13	12.92
184.58	10.19	185.10	11.18	185.62	12.09	186.14	12.94
184.59	10.21	185.11	11.20	185.63	12.11	186.15	12.95
184.60	10.23	185.12	11.22	185.64	12.12	186.16	12.97
184.61	10.25	185.13	11.24	185.65	12.14	186.17	12.98
184.62	10.27	185.14	11.25	185.66	12.16	186.18	13.00
184.63	10.29	185.15	11.27	185.67	12.18	186.19	13.02
184.64	10.31	185.16	11.29	185.68	12.19	186.20	13.03
184.65	10.33	185.17	11.31	185.69	12.21	186.21	13.05
184.66	10.35	185.18	11.33	185.70	12.23	186.22	13.06
184.67	10.37	185.19	11.34	185.71	12.24	186.23	13.08

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	13.09	186.76	13.88	187.28	14.62	187.80	44.13
186.25	13.11	186.77	13.89	187.29	14.64	187.81	45.67
186.26	13.12	186.78	13.91	187.30	14.65	187.82	47.23
186.27	13.14	186.79	13.92	187.31	14.66	187.83	48.82
186.28	13.16	186.80	13.94	187.32	14.68	187.84	50.44
186.29	13.17	186.81	13.95	187.33	14.69	187.85	52.10
186.30	13.19	186.82	13.97	187.34	14.71	187.86	53.78
186.31	13.20	186.83	13.98	187.35	14.72	187.87	54.55
186.32	13.22	186.84	14.00	187.36	14.73	187.88	55.04
186.33	13.23	186.85	14.01	187.37	14.75	187.89	55.53
186.34	13.25	186.86	14.02	187.38	14.76	187.90	56.02
186.35	13.26	186.87	14.04	187.39	14.77	187.91	56.49
186.36	13.28	186.88	14.05	187.40	14.79	187.92	56.97
186.37	13.29	186.89	14.07	187.41	14.80	187.93	57.44
186.38	13.31	186.90	14.08	187.42	14.82	187.94	57.90
186.39	13.33	186.91	14.10	187.43	14.83	187.95	58.36
186.40	13.34	186.92	14.11	187.44	14.84	187.96	58.82
186.41	13.36	186.93	14.13	187.45	14.86	187.97	59.27
186.42	13.37	186.94	14.14	187.46	14.87	187.98	59.72
186.43	13.39	186.95	14.16	187.47	14.88	187.99	60.17
186.44	13.40	186.96	14.17	187.48	14.90	188.00	60.62
186.45	13.42	186.97	14.18	187.49	14.91		
186.46	13.43	186.98	14.20	187.50	14.93		
186.47	13.45	186.99	14.21	187.51	15.10		
186.48	13.46	187.00	14.23	187.52	15.42		
186.49	13.48	187.01	14.24	187.53	15.82		
186.50	13.49	187.02	14.26	187.54	16.30		
186.51	13.51	187.03	14.27	187.55	16.84		
186.52	13.52	187.04	14.28	187.56	17.44		
186.53	13.54	187.05	14.30	187.57	18.10		
186.54	13.55	187.06	14.31	187.58	18.80		
186.55	13.57	187.07	14.33	187.59	19.56		
186.56	13.58	187.08	14.34	187.60	20.36		
186.57	13.60	187.09	14.35	187.61	21.20		
186.58	13.61	187.10	14.37	187.62	22.08		
186.59	13.63	187.11	14.38	187.63	23.00		
186.60	13.64	187.12	14.40	187.64	23.97		
186.61	13.66	187.13	14.41	187.65	24.97		
186.62	13.67	187.14	14.43	187.66	26.01		
186.63	13.69	187.15	14.44	187.67	27.08		
186.64	13.70	187.16	14.45	187.68	28.20		
186.65	13.72	187.17	14.47	187.69	29.34		
186.66	13.73	187.18	14.48	187.70	30.52		
186.67	13.75	187.19	14.50	187.71	31.74		
186.68	13.76	187.20	14.51	187.72	32.99		
186.69	13.78	187.21	14.52	187.73	34.27		
186.70	13.79	187.22	14.54	187.74	35.58		
186.71	13.81	187.23	14.55	187.75	36.93		
186.72	13.82	187.24	14.57	187.76	38.31		
186.73	13.83	187.25	14.58	187.77	39.72		
186.74	13.85	187.26	14.59	187.78	41.16		
186.75	13.86	187.27	14.61	187.79	42.63		

Stage-Area-Storage for Pond B-46A: Basin #46A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,720	0	180.52	6,198	3,099
180.01	5,729	57	180.53	6,207	3,161
180.02	5,738	115	180.54	6,216	3,223
180.03	5,748	172	180.55	6,225	3,285
180.04	5,757	230	180.56	6,235	3,347
180.05	5,766	287	180.57	6,244	3,410
180.06	5,775	345	180.58	6,253	3,472
180.07	5,784	403	180.59	6,262	3,535
180.08	5,794	461	180.60	6,271	3,597
180.09	5,803	519	180.61	6,281	3,660
180.10	5,812	577	180.62	6,290	3,723
180.11	5,821	635	180.63	6,299	3,786
180.12	5,830	693	180.64	6,308	3,849
180.13	5,839	751	180.65	6,317	3,912
180.14	5,849	810	180.66	6,327	3,975
180.15	5,858	868	180.67	6,336	4,039
180.16	5,867	927	180.68	6,345	4,102
180.17	5,876	986	180.69	6,354	4,166
180.18	5,885	1,044	180.70	6,363	4,229
180.19	5,895	1,103	180.71	6,372	4,293
180.20	5,904	1,162	180.72	6,382	4,357
180.21	5,913	1,221	180.73	6,391	4,420
180.22	5,922	1,281	180.74	6,400	4,484
180.23	5,931	1,340	180.75	6,409	4,548
180.24	5,941	1,399	180.76	6,418	4,613
180.25	5,950	1,459	180.77	6,428	4,677
180.26	5,959	1,518	180.78	6,437	4,741
180.27	5,968	1,578	180.79	6,446	4,806
180.28	5,977	1,638	180.80	6,455	4,870
180.29	5,987	1,697	180.81	6,464	4,935
180.30	5,996	1,757	180.82	6,474	4,999
180.31	6,005	1,817	180.83	6,483	5,064
180.32	6,014	1,877	180.84	6,492	5,129
180.33	6,023	1,938	180.85	6,501	5,194
180.34	6,032	1,998	180.86	6,510	5,259
180.35	6,042	2,058	180.87	6,520	5,324
180.36	6,051	2,119	180.88	6,529	5,389
180.37	6,060	2,179	180.89	6,538	5,455
180.38	6,069	2,240	180.90	6,547	5,520
180.39	6,078	2,301	180.91	6,556	5,586
180.40	6,088	2,362	180.92	6,565	5,651
180.41	6,097	2,422	180.93	6,575	5,717
180.42	6,106	2,483	180.94	6,584	5,783
180.43	6,115	2,545	180.95	6,593	5,849
180.44	6,124	2,606	180.96	6,602	5,915
180.45	6,134	2,667	180.97	6,611	5,981
180.46	6,143	2,728	180.98	6,621	6,047
180.47	6,152	2,790	180.99	6,630	6,113
180.48	6,161	2,851	181.00	6,639	6,180
180.49	6,170	2,913	181.01	6,653	6,246
180.50	6,180	2,975	181.02	6,666	6,313
180.51	6,189	3,037	181.03	6,680	6,379

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	6,693	6,446	181.56	7,400	10,110
181.05	6,707	6,513	181.57	7,414	10,184
181.06	6,721	6,580	181.58	7,427	10,259
181.07	6,734	6,648	181.59	7,441	10,333
181.08	6,748	6,715	181.60	7,454	10,408
181.09	6,761	6,783	181.61	7,468	10,482
181.10	6,775	6,850	181.62	7,482	10,557
181.11	6,788	6,918	181.63	7,495	10,632
181.12	6,802	6,986	181.64	7,509	10,707
181.13	6,816	7,054	181.65	7,522	10,782
181.14	6,829	7,122	181.66	7,536	10,857
181.15	6,843	7,191	181.67	7,550	10,933
181.16	6,856	7,259	181.68	7,563	11,008
181.17	6,870	7,328	181.69	7,577	11,084
181.18	6,884	7,397	181.70	7,590	11,160
181.19	6,897	7,465	181.71	7,604	11,236
181.20	6,911	7,534	181.72	7,617	11,312
181.21	6,924	7,604	181.73	7,631	11,388
181.22	6,938	7,673	181.74	7,645	11,464
181.23	6,952	7,742	181.75	7,658	11,541
181.24	6,965	7,812	181.76	7,672	11,618
181.25	6,979	7,882	181.77	7,685	11,694
181.26	6,992	7,952	181.78	7,699	11,771
181.27	7,006	8,022	181.79	7,713	11,848
181.28	7,020	8,092	181.80	7,726	11,926
181.29	7,033	8,162	181.81	7,740	12,003
181.30	7,047	8,232	181.82	7,753	12,080
181.31	7,060	8,303	181.83	7,767	12,158
181.32	7,074	8,374	181.84	7,781	12,236
181.33	7,087	8,444	181.85	7,794	12,314
181.34	7,101	8,515	181.86	7,808	12,392
181.35	7,115	8,586	181.87	7,821	12,470
181.36	7,128	8,658	181.88	7,835	12,548
181.37	7,142	8,729	181.89	7,849	12,626
181.38	7,155	8,800	181.90	7,862	12,705
181.39	7,169	8,872	181.91	7,876	12,784
181.40	7,183	8,944	181.92	7,889	12,863
181.41	7,196	9,016	181.93	7,903	12,941
181.42	7,210	9,088	181.94	7,916	13,021
181.43	7,223	9,160	181.95	7,930	13,100
181.44	7,237	9,232	181.96	7,944	13,179
181.45	7,251	9,305	181.97	7,957	13,259
181.46	7,264	9,377	181.98	7,971	13,338
181.47	7,278	9,450	181.99	7,984	13,418
181.48	7,291	9,523	182.00	7,998	13,498
181.49	7,305	9,596	182.01	8,012	13,578
181.50	7,319	9,669	182.02	8,026	13,658
181.51	7,332	9,742	182.03	8,040	13,739
181.52	7,346	9,816	182.04	8,055	13,819
181.53	7,359	9,889	182.05	8,069	13,900
181.54	7,373	9,963	182.06	8,083	13,980
181.55	7,386	10,036	182.07	8,097	14,061

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,111	14,142	182.60	8,847	18,551
182.09	8,125	14,224	182.61	8,861	18,640
182.10	8,139	14,305	182.62	8,875	18,729
182.11	8,154	14,386	182.63	8,889	18,818
182.12	8,168	14,468	182.64	8,904	18,907
182.13	8,182	14,550	182.65	8,918	18,996
182.14	8,196	14,632	182.66	8,932	19,085
182.15	8,210	14,714	182.67	8,946	19,174
182.16	8,224	14,796	182.68	8,960	19,264
182.17	8,239	14,878	182.69	8,974	19,353
182.18	8,253	14,961	182.70	8,988	19,443
182.19	8,267	15,043	182.71	9,003	19,533
182.20	8,281	15,126	182.72	9,017	19,623
182.21	8,295	15,209	182.73	9,031	19,714
182.22	8,309	15,292	182.74	9,045	19,804
182.23	8,323	15,375	182.75	9,059	19,894
182.24	8,338	15,458	182.76	9,073	19,985
182.25	8,352	15,542	182.77	9,088	20,076
182.26	8,366	15,625	182.78	9,102	20,167
182.27	8,380	15,709	182.79	9,116	20,258
182.28	8,394	15,793	182.80	9,130	20,349
182.29	8,408	15,877	182.81	9,144	20,441
182.30	8,423	15,961	182.82	9,158	20,532
182.31	8,437	16,045	182.83	9,172	20,624
182.32	8,451	16,130	182.84	9,187	20,716
182.33	8,465	16,214	182.85	9,201	20,807
182.34	8,479	16,299	182.86	9,215	20,900
182.35	8,493	16,384	182.87	9,229	20,992
182.36	8,507	16,469	182.88	9,243	21,084
182.37	8,522	16,554	182.89	9,257	21,177
182.38	8,536	16,639	182.90	9,272	21,269
182.39	8,550	16,725	182.91	9,286	21,362
182.40	8,564	16,810	182.92	9,300	21,455
182.41	8,578	16,896	182.93	9,314	21,548
182.42	8,592	16,982	182.94	9,328	21,641
182.43	8,606	17,068	182.95	9,342	21,735
182.44	8,621	17,154	182.96	9,356	21,828
182.45	8,635	17,240	182.97	9,371	21,922
182.46	8,649	17,327	182.98	9,385	22,016
182.47	8,663	17,413	182.99	9,399	22,109
182.48	8,677	17,500	183.00	9,413	22,204
182.49	8,691	17,587	183.01	9,444	22,298
182.50	8,706	17,674	183.02	9,475	22,392
182.51	8,720	17,761	183.03	9,506	22,487
182.52	8,734	17,848	183.04	9,537	22,583
182.53	8,748	17,936	183.05	9,568	22,678
182.54	8,762	18,023	183.06	9,599	22,774
182.55	8,776	18,111	183.07	9,630	22,870
182.56	8,790	18,199	183.08	9,661	22,966
182.57	8,805	18,287	183.09	9,692	23,063
182.58	8,819	18,375	183.10	9,723	23,160
182.59	8,833	18,463	183.11	9,754	23,258

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,785	23,355	183.64	11,398	28,863
183.13	9,816	23,453	183.65	11,429	28,977
183.14	9,847	23,552	183.66	11,460	29,092
183.15	9,878	23,650	183.67	11,491	29,206
183.16	9,909	23,749	183.68	11,522	29,322
183.17	9,940	23,849	183.69	11,553	29,437
183.18	9,971	23,948	183.70	11,584	29,553
183.19	10,002	24,048	183.71	11,615	29,669
183.20	10,033	24,148	183.72	11,646	29,785
183.21	10,064	24,249	183.73	11,677	29,902
183.22	10,095	24,349	183.74	11,708	30,018
183.23	10,126	24,451	183.75	11,740	30,136
183.24	10,157	24,552	183.76	11,771	30,253
183.25	10,189	24,654	183.77	11,802	30,371
183.26	10,220	24,756	183.78	11,833	30,489
183.27	10,251	24,858	183.79	11,864	30,608
183.28	10,282	24,961	183.80	11,895	30,727
183.29	10,313	25,064	183.81	11,926	30,846
183.30	10,344	25,167	183.82	11,957	30,965
183.31	10,375	25,271	183.83	11,988	31,085
183.32	10,406	25,374	183.84	12,019	31,205
183.33	10,437	25,479	183.85	12,050	31,325
183.34	10,468	25,583	183.86	12,081	31,446
183.35	10,499	25,688	183.87	12,112	31,567
183.36	10,530	25,793	183.88	12,143	31,688
183.37	10,561	25,899	183.89	12,174	31,810
183.38	10,592	26,004	183.90	12,205	31,932
183.39	10,623	26,110	183.91	12,236	32,054
183.40	10,654	26,217	183.92	12,267	32,176
183.41	10,685	26,324	183.93	12,298	32,299
183.42	10,716	26,431	183.94	12,329	32,422
183.43	10,747	26,538	183.95	12,360	32,546
183.44	10,778	26,645	183.96	12,391	32,669
183.45	10,809	26,753	183.97	12,422	32,793
183.46	10,840	26,862	183.98	12,453	32,918
183.47	10,871	26,970	183.99	12,484	33,043
183.48	10,902	27,079	184.00	12,515	33,168
183.49	10,933	27,188	184.01	12,531	33,293
183.50	10,964	27,298	184.02	12,547	33,418
183.51	10,995	27,408	184.03	12,563	33,544
183.52	11,026	27,518	184.04	12,580	33,669
183.53	11,057	27,628	184.05	12,596	33,795
183.54	11,088	27,739	184.06	12,612	33,921
183.55	11,119	27,850	184.07	12,628	34,048
183.56	11,150	27,961	184.08	12,644	34,174
183.57	11,181	28,073	184.09	12,660	34,300
183.58	11,212	28,185	184.10	12,676	34,427
183.59	11,243	28,297	184.11	12,692	34,554
183.60	11,274	28,410	184.12	12,709	34,681
183.61	11,305	28,523	184.13	12,725	34,808
183.62	11,336	28,636	184.14	12,741	34,935
183.63	11,367	28,749	184.15	12,757	35,063

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	12,773	35,191	184.68	13,612	42,051
184.17	12,789	35,318	184.69	13,628	42,187
184.18	12,805	35,446	184.70	13,644	42,323
184.19	12,821	35,574	184.71	13,660	42,460
184.20	12,838	35,703	184.72	13,676	42,596
184.21	12,854	35,831	184.73	13,692	42,733
184.22	12,870	35,960	184.74	13,709	42,870
184.23	12,886	36,089	184.75	13,725	43,007
184.24	12,902	36,218	184.76	13,741	43,145
184.25	12,918	36,347	184.77	13,757	43,282
184.26	12,934	36,476	184.78	13,773	43,420
184.27	12,951	36,605	184.79	13,789	43,558
184.28	12,967	36,735	184.80	13,805	43,696
184.29	12,983	36,865	184.81	13,822	43,834
184.30	12,999	36,995	184.82	13,838	43,972
184.31	13,015	37,125	184.83	13,854	44,111
184.32	13,031	37,255	184.84	13,870	44,249
184.33	13,047	37,385	184.85	13,886	44,388
184.34	13,063	37,516	184.86	13,902	44,527
184.35	13,080	37,647	184.87	13,918	44,666
184.36	13,096	37,777	184.88	13,934	44,805
184.37	13,112	37,908	184.89	13,951	44,945
184.38	13,128	38,040	184.90	13,967	45,084
184.39	13,144	38,171	184.91	13,983	45,224
184.40	13,160	38,303	184.92	13,999	45,364
184.41	13,176	38,434	184.93	14,015	45,504
184.42	13,192	38,566	184.94	14,031	45,644
184.43	13,209	38,698	184.95	14,047	45,785
184.44	13,225	38,830	184.96	14,063	45,925
184.45	13,241	38,963	184.97	14,080	46,066
184.46	13,257	39,095	184.98	14,096	46,207
184.47	13,273	39,228	184.99	14,112	46,348
184.48	13,289	39,361	185.00	14,128	46,489
184.49	13,305	39,493	185.01	14,145	46,630
184.50	13,322	39,627	185.02	14,161	46,772
184.51	13,338	39,760	185.03	14,178	46,914
184.52	13,354	39,893	185.04	14,195	47,055
184.53	13,370	40,027	185.05	14,212	47,197
184.54	13,386	40,161	185.06	14,228	47,340
184.55	13,402	40,295	185.07	14,245	47,482
184.56	13,418	40,429	185.08	14,262	47,625
184.57	13,434	40,563	185.09	14,278	47,767
184.58	13,451	40,698	185.10	14,295	47,910
184.59	13,467	40,832	185.11	14,312	48,053
184.60	13,483	40,967	185.12	14,328	48,196
184.61	13,499	41,102	185.13	14,345	48,340
184.62	13,515	41,237	185.14	14,362	48,483
184.63	13,531	41,372	185.15	14,379	48,627
184.64	13,547	41,507	185.16	14,395	48,771
184.65	13,563	41,643	185.17	14,412	48,915
184.66	13,580	41,779	185.18	14,429	49,059
184.67	13,596	41,915	185.19	14,445	49,203

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	14,462	49,348	185.72	15,330	57,094
185.21	14,479	49,493	185.73	15,347	57,247
185.22	14,495	49,638	185.74	15,364	57,401
185.23	14,512	49,783	185.75	15,381	57,555
185.24	14,529	49,928	185.76	15,397	57,709
185.25	14,546	50,073	185.77	15,414	57,863
185.26	14,562	50,219	185.78	15,431	58,017
185.27	14,579	50,364	185.79	15,447	58,171
185.28	14,596	50,510	185.80	15,464	58,326
185.29	14,612	50,656	185.81	15,481	58,481
185.30	14,629	50,803	185.82	15,497	58,635
185.31	14,646	50,949	185.83	15,514	58,790
185.32	14,662	51,095	185.84	15,531	58,946
185.33	14,679	51,242	185.85	15,547	59,101
185.34	14,696	51,389	185.86	15,564	59,257
185.35	14,712	51,536	185.87	15,581	59,412
185.36	14,729	51,683	185.88	15,598	59,568
185.37	14,746	51,831	185.89	15,614	59,724
185.38	14,763	51,978	185.90	15,631	59,881
185.39	14,779	52,126	185.91	15,648	60,037
185.40	14,796	52,274	185.92	15,664	60,194
185.41	14,813	52,422	185.93	15,681	60,350
185.42	14,829	52,570	185.94	15,698	60,507
185.43	14,846	52,718	185.95	15,714	60,664
185.44	14,863	52,867	185.96	15,731	60,821
185.45	14,879	53,016	185.97	15,748	60,979
185.46	14,896	53,165	185.98	15,765	61,136
185.47	14,913	53,314	185.99	15,781	61,294
185.48	14,930	53,463	186.00	15,798	61,452
185.49	14,946	53,612	186.01	15,815	61,610
185.50	14,963	53,762	186.02	15,833	61,768
185.51	14,980	53,911	186.03	15,850	61,927
185.52	14,996	54,061	186.04	15,867	62,085
185.53	15,013	54,211	186.05	15,884	62,244
185.54	15,030	54,362	186.06	15,902	62,403
185.55	15,047	54,512	186.07	15,919	62,562
185.56	15,063	54,663	186.08	15,936	62,721
185.57	15,080	54,813	186.09	15,953	62,881
185.58	15,097	54,964	186.10	15,971	63,040
185.59	15,113	55,115	186.11	15,988	63,200
185.60	15,130	55,266	186.12	16,005	63,360
185.61	15,147	55,418	186.13	16,022	63,520
185.62	15,163	55,569	186.14	16,040	63,681
185.63	15,180	55,721	186.15	16,057	63,841
185.64	15,197	55,873	186.16	16,074	64,002
185.65	15,214	56,025	186.17	16,091	64,163
185.66	15,230	56,177	186.18	16,109	64,324
185.67	15,247	56,330	186.19	16,126	64,485
185.68	15,264	56,482	186.20	16,143	64,646
185.69	15,280	56,635	186.21	16,160	64,808
185.70	15,297	56,788	186.22	16,178	64,969
185.71	15,314	56,941	186.23	16,195	65,131

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	16,212	65,293	186.76	17,110	73,957
186.25	16,230	65,455	186.77	17,127	74,128
186.26	16,247	65,618	186.78	17,144	74,299
186.27	16,264	65,780	186.79	17,162	74,471
186.28	16,281	65,943	186.80	17,179	74,643
186.29	16,299	66,106	186.81	17,196	74,815
186.30	16,316	66,269	186.82	17,213	74,987
186.31	16,333	66,432	186.83	17,231	75,159
186.32	16,350	66,596	186.84	17,248	75,331
186.33	16,368	66,759	186.85	17,265	75,504
186.34	16,385	66,923	186.86	17,282	75,677
186.35	16,402	67,087	186.87	17,300	75,849
186.36	16,419	67,251	186.88	17,317	76,023
186.37	16,437	67,415	186.89	17,334	76,196
186.38	16,454	67,580	186.90	17,351	76,369
186.39	16,471	67,744	186.91	17,369	76,543
186.40	16,488	67,909	186.92	17,386	76,717
186.41	16,506	68,074	186.93	17,403	76,891
186.42	16,523	68,239	186.94	17,420	77,065
186.43	16,540	68,405	186.95	17,438	77,239
186.44	16,557	68,570	186.96	17,455	77,413
186.45	16,575	68,736	186.97	17,472	77,588
186.46	16,592	68,902	186.98	17,489	77,763
186.47	16,609	69,068	186.99	17,507	77,938
186.48	16,626	69,234	187.00	17,524	78,113
186.49	16,644	69,400	187.01	17,542	78,288
186.50	16,661	69,567	187.02	17,560	78,464
186.51	16,678	69,733	187.03	17,578	78,640
186.52	16,696	69,900	187.04	17,595	78,815
186.53	16,713	70,067	187.05	17,613	78,991
186.54	16,730	70,235	187.06	17,631	79,168
186.55	16,747	70,402	187.07	17,649	79,344
186.56	16,765	70,570	187.08	17,667	79,521
186.57	16,782	70,737	187.09	17,685	79,697
186.58	16,799	70,905	187.10	17,703	79,874
186.59	16,816	71,073	187.11	17,720	80,051
186.60	16,834	71,241	187.12	17,738	80,229
186.61	16,851	71,410	187.13	17,756	80,406
186.62	16,868	71,578	187.14	17,774	80,584
186.63	16,885	71,747	187.15	17,792	80,762
186.64	16,903	71,916	187.16	17,810	80,940
186.65	16,920	72,085	187.17	17,828	81,118
186.66	16,937	72,255	187.18	17,845	81,296
186.67	16,954	72,424	187.19	17,863	81,475
186.68	16,972	72,594	187.20	17,881	81,654
186.69	16,989	72,763	187.21	17,899	81,832
186.70	17,006	72,933	187.22	17,917	82,012
186.71	17,023	73,104	187.23	17,935	82,191
186.72	17,041	73,274	187.24	17,953	82,370
186.73	17,058	73,444	187.25	17,971	82,550
186.74	17,075	73,615	187.26	17,988	82,730
186.75	17,093	73,786	187.27	18,006	82,910

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	18,024	83,090	187.80	18,953	92,704
187.29	18,042	83,270	187.81	18,971	92,893
187.30	18,060	83,451	187.82	18,989	93,083
187.31	18,078	83,631	187.83	19,006	93,273
187.32	18,096	83,812	187.84	19,024	93,463
187.33	18,113	83,993	187.85	19,042	93,654
187.34	18,131	84,174	187.86	19,060	93,844
187.35	18,149	84,356	187.87	19,078	94,035
187.36	18,167	84,537	187.88	19,096	94,226
187.37	18,185	84,719	187.89	19,114	94,417
187.38	18,203	84,901	187.90	19,131	94,608
187.39	18,221	85,083	187.91	19,149	94,799
187.40	18,238	85,265	187.92	19,167	94,991
187.41	18,256	85,448	187.93	19,185	95,183
187.42	18,274	85,631	187.94	19,203	95,375
187.43	18,292	85,813	187.95	19,221	95,567
187.44	18,310	85,996	187.96	19,239	95,759
187.45	18,328	86,180	187.97	19,256	95,952
187.46	18,346	86,363	187.98	19,274	96,144
187.47	18,363	86,547	187.99	19,292	96,337
187.48	18,381	86,730	188.00	19,310	96,530
187.49	18,399	86,914			
187.50	18,417	87,098			
187.51	18,435	87,283			
187.52	18,453	87,467			
187.53	18,471	87,652			
187.54	18,488	87,836			
187.55	18,506	88,021			
187.56	18,524	88,206			
187.57	18,542	88,392			
187.58	18,560	88,577			
187.59	18,578	88,763			
187.60	18,596	88,949			
187.61	18,613	89,135			
187.62	18,631	89,321			
187.63	18,649	89,508			
187.64	18,667	89,694			
187.65	18,685	89,881			
187.66	18,703	90,068			
187.67	18,721	90,255			
187.68	18,738	90,442			
187.69	18,756	90,630			
187.70	18,774	90,817			
187.71	18,792	91,005			
187.72	18,810	91,193			
187.73	18,828	91,381			
187.74	18,846	91,570			
187.75	18,864	91,758			
187.76	18,881	91,947			
187.77	18,899	92,136			
187.78	18,917	92,325			
187.79	18,935	92,514			

Summary for Pond B-46B: Basin #46B

Inflow Area = 2.931 ac, 39.13% Impervious, Inflow Depth = 0.01" for WQ Storm event
 Inflow = 0.07 cfs @ 1.18 hrs, Volume= 0.003 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.02' @ 2.35 hrs Surf.Area= 5,837 sf Storage= 121 cf

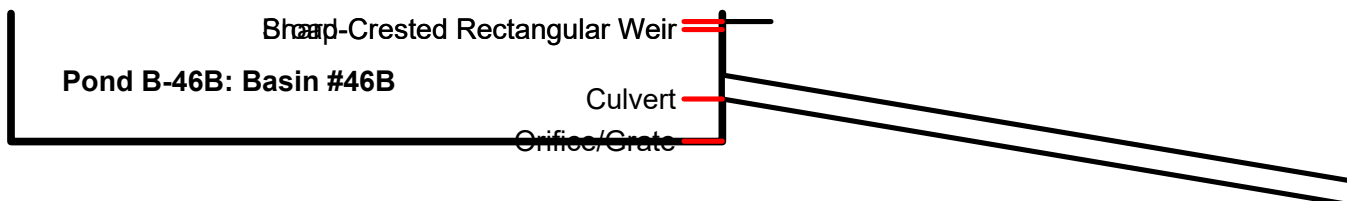
Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	88,429 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,813	0	0
181.00	6,961	6,387	6,387
182.00	8,181	7,571	13,958
183.00	9,471	8,826	22,784
184.00	11,059	10,265	33,049
185.00	12,402	11,731	44,780
186.00	13,803	13,103	57,882
187.00	15,259	14,531	72,413
188.00	16,772	16,016	88,429

Device	Routing	Invert	Outlet Devices
#1	Primary	182.65'	18.0" Round Culvert L= 65.0' Ke= 0.500 Inlet / Outlet Invert= 182.65' / 176.00' S= 0.1023 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	180.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

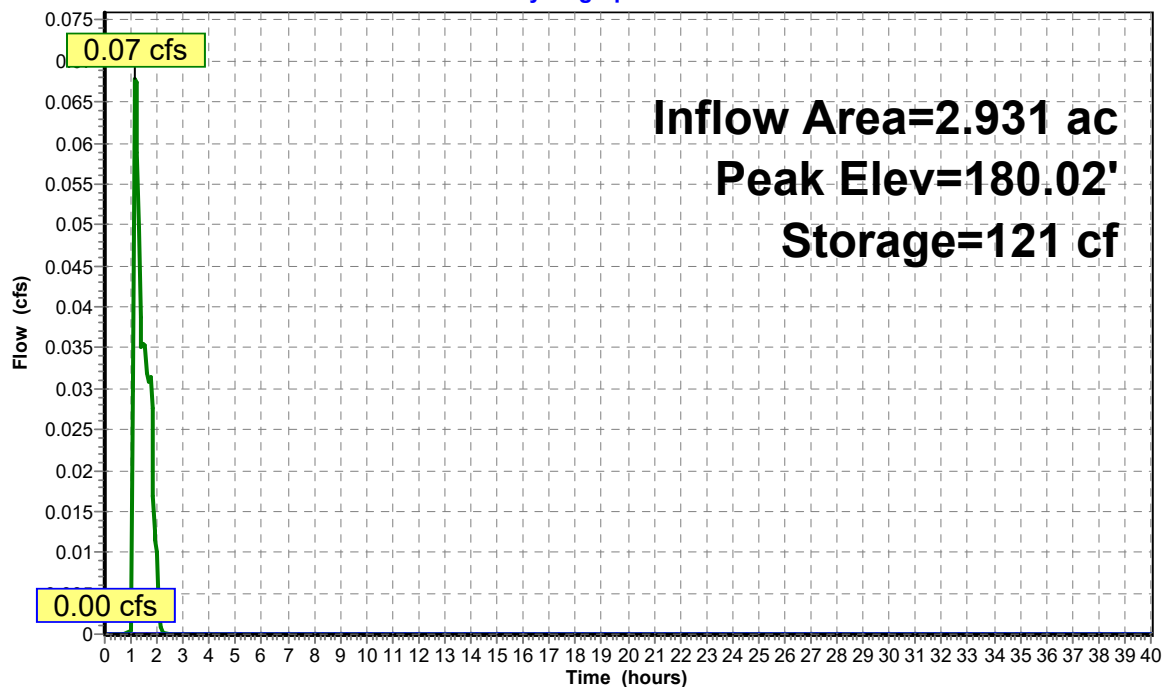
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=180.00' (Free Discharge)

- 1=Culvert (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-46B: Basin #46B

Hydrograph



Hydrograph for Pond B-46B: Basin #46B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.03	3	180.00	0.00
1.20	0.07	23	180.00	0.00
1.30	0.05	44	180.01	0.00
1.40	0.04	59	180.01	0.00
1.50	0.04	72	180.01	0.00
1.60	0.03	84	180.01	0.00
1.70	0.03	96	180.02	0.00
1.80	0.03	107	180.02	0.00
1.90	0.01	113	180.02	0.00
2.00	0.01	117	180.02	0.00
2.10	0.00	120	180.02	0.00
2.20	0.00	121	180.02	0.00
2.30	0.00	121	180.02	0.00
2.40	0.00	121	180.02	0.00
2.50	0.00	121	180.02	0.00
2.60	0.00	121	180.02	0.00
2.70	0.00	121	180.02	0.00
2.80	0.00	121	180.02	0.00
2.90	0.00	121	180.02	0.00
3.00	0.00	121	180.02	0.00
3.10	0.00	121	180.02	0.00
3.20	0.00	121	180.02	0.00
3.30	0.00	121	180.02	0.00
3.40	0.00	121	180.02	0.00
3.50	0.00	121	180.02	0.00
3.60	0.00	121	180.02	0.00
3.70	0.00	121	180.02	0.00
3.80	0.00	121	180.02	0.00
3.90	0.00	121	180.02	0.00
4.00	0.00	121	180.02	0.00
4.10	0.00	121	180.02	0.00
4.20	0.00	121	180.02	0.00
4.30	0.00	121	180.02	0.00
4.40	0.00	121	180.02	0.00
4.50	0.00	121	180.02	0.00
4.60	0.00	121	180.02	0.00
4.70	0.00	121	180.02	0.00
4.80	0.00	121	180.02	0.00
4.90	0.00	121	180.02	0.00
5.00	0.00	121	180.02	0.00
5.10	0.00	121	180.02	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	121	180.02	0.00
5.30	0.00	121	180.02	0.00
5.40	0.00	121	180.02	0.00
5.50	0.00	121	180.02	0.00
5.60	0.00	121	180.02	0.00
5.70	0.00	121	180.02	0.00
5.80	0.00	121	180.02	0.00
5.90	0.00	121	180.02	0.00
6.00	0.00	121	180.02	0.00
6.10	0.00	121	180.02	0.00
6.20	0.00	121	180.02	0.00
6.30	0.00	121	180.02	0.00
6.40	0.00	121	180.02	0.00
6.50	0.00	121	180.02	0.00
6.60	0.00	121	180.02	0.00
6.70	0.00	121	180.02	0.00
6.80	0.00	121	180.02	0.00
6.90	0.00	121	180.02	0.00
7.00	0.00	121	180.02	0.00
7.10	0.00	121	180.02	0.00
7.20	0.00	121	180.02	0.00
7.30	0.00	121	180.02	0.00
7.40	0.00	121	180.02	0.00
7.50	0.00	121	180.02	0.00
7.60	0.00	121	180.02	0.00
7.70	0.00	121	180.02	0.00
7.80	0.00	121	180.02	0.00
7.90	0.00	121	180.02	0.00
8.00	0.00	121	180.02	0.00
8.10	0.00	121	180.02	0.00
8.20	0.00	121	180.02	0.00
8.30	0.00	121	180.02	0.00
8.40	0.00	121	180.02	0.00
8.50	0.00	121	180.02	0.00
8.60	0.00	121	180.02	0.00
8.70	0.00	121	180.02	0.00
8.80	0.00	121	180.02	0.00
8.90	0.00	121	180.02	0.00
9.00	0.00	121	180.02	0.00
9.10	0.00	121	180.02	0.00
9.20	0.00	121	180.02	0.00
9.30	0.00	121	180.02	0.00
9.40	0.00	121	180.02	0.00
9.50	0.00	121	180.02	0.00
9.60	0.00	121	180.02	0.00
9.70	0.00	121	180.02	0.00
9.80	0.00	121	180.02	0.00
9.90	0.00	121	180.02	0.00
10.00	0.00	121	180.02	0.00
10.10	0.00	121	180.02	0.00
10.20	0.00	121	180.02	0.00
10.30	0.00	121	180.02	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	121	180.02	0.00
10.50	0.00	121	180.02	0.00
10.60	0.00	121	180.02	0.00
10.70	0.00	121	180.02	0.00
10.80	0.00	121	180.02	0.00
10.90	0.00	121	180.02	0.00
11.00	0.00	121	180.02	0.00
11.10	0.00	121	180.02	0.00
11.20	0.00	121	180.02	0.00
11.30	0.00	121	180.02	0.00
11.40	0.00	121	180.02	0.00
11.50	0.00	121	180.02	0.00
11.60	0.00	121	180.02	0.00
11.70	0.00	121	180.02	0.00
11.80	0.00	121	180.02	0.00
11.90	0.00	121	180.02	0.00
12.00	0.00	121	180.02	0.00
12.10	0.00	121	180.02	0.00
12.20	0.00	121	180.02	0.00
12.30	0.00	121	180.02	0.00
12.40	0.00	121	180.02	0.00
12.50	0.00	121	180.02	0.00
12.60	0.00	121	180.02	0.00
12.70	0.00	121	180.02	0.00
12.80	0.00	121	180.02	0.00
12.90	0.00	121	180.02	0.00
13.00	0.00	121	180.02	0.00
13.10	0.00	121	180.02	0.00
13.20	0.00	121	180.02	0.00
13.30	0.00	121	180.02	0.00
13.40	0.00	121	180.02	0.00
13.50	0.00	121	180.02	0.00
13.60	0.00	121	180.02	0.00
13.70	0.00	121	180.02	0.00
13.80	0.00	121	180.02	0.00
13.90	0.00	121	180.02	0.00
14.00	0.00	121	180.02	0.00
14.10	0.00	121	180.02	0.00
14.20	0.00	121	180.02	0.00
14.30	0.00	121	180.02	0.00
14.40	0.00	121	180.02	0.00
14.50	0.00	121	180.02	0.00
14.60	0.00	121	180.02	0.00
14.70	0.00	121	180.02	0.00
14.80	0.00	121	180.02	0.00
14.90	0.00	121	180.02	0.00
15.00	0.00	121	180.02	0.00
15.10	0.00	121	180.02	0.00
15.20	0.00	121	180.02	0.00
15.30	0.00	121	180.02	0.00
15.40	0.00	121	180.02	0.00
15.50	0.00	121	180.02	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	121	180.02	0.00
15.70	0.00	121	180.02	0.00
15.80	0.00	121	180.02	0.00
15.90	0.00	121	180.02	0.00
16.00	0.00	121	180.02	0.00
16.10	0.00	121	180.02	0.00
16.20	0.00	121	180.02	0.00
16.30	0.00	121	180.02	0.00
16.40	0.00	121	180.02	0.00
16.50	0.00	121	180.02	0.00
16.60	0.00	121	180.02	0.00
16.70	0.00	121	180.02	0.00
16.80	0.00	121	180.02	0.00
16.90	0.00	121	180.02	0.00
17.00	0.00	121	180.02	0.00
17.10	0.00	121	180.02	0.00
17.20	0.00	121	180.02	0.00
17.30	0.00	121	180.02	0.00
17.40	0.00	121	180.02	0.00
17.50	0.00	121	180.02	0.00
17.60	0.00	121	180.02	0.00
17.70	0.00	121	180.02	0.00
17.80	0.00	121	180.02	0.00
17.90	0.00	121	180.02	0.00
18.00	0.00	121	180.02	0.00
18.10	0.00	121	180.02	0.00
18.20	0.00	121	180.02	0.00
18.30	0.00	121	180.02	0.00
18.40	0.00	121	180.02	0.00
18.50	0.00	121	180.02	0.00
18.60	0.00	121	180.02	0.00
18.70	0.00	121	180.02	0.00
18.80	0.00	121	180.02	0.00
18.90	0.00	121	180.02	0.00
19.00	0.00	121	180.02	0.00
19.10	0.00	121	180.02	0.00
19.20	0.00	121	180.02	0.00
19.30	0.00	121	180.02	0.00
19.40	0.00	121	180.02	0.00
19.50	0.00	121	180.02	0.00
19.60	0.00	121	180.02	0.00
19.70	0.00	121	180.02	0.00
19.80	0.00	121	180.02	0.00
19.90	0.00	121	180.02	0.00
20.00	0.00	121	180.02	0.00
20.10	0.00	121	180.02	0.00
20.20	0.00	121	180.02	0.00
20.30	0.00	121	180.02	0.00
20.40	0.00	121	180.02	0.00
20.50	0.00	121	180.02	0.00
20.60	0.00	121	180.02	0.00
20.70	0.00	121	180.02	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	121	180.02	0.00
20.90	0.00	121	180.02	0.00
21.00	0.00	121	180.02	0.00
21.10	0.00	121	180.02	0.00
21.20	0.00	121	180.02	0.00
21.30	0.00	121	180.02	0.00
21.40	0.00	121	180.02	0.00
21.50	0.00	121	180.02	0.00
21.60	0.00	121	180.02	0.00
21.70	0.00	121	180.02	0.00
21.80	0.00	121	180.02	0.00
21.90	0.00	121	180.02	0.00
22.00	0.00	121	180.02	0.00
22.10	0.00	121	180.02	0.00
22.20	0.00	121	180.02	0.00
22.30	0.00	121	180.02	0.00
22.40	0.00	121	180.02	0.00
22.50	0.00	121	180.02	0.00
22.60	0.00	121	180.02	0.00
22.70	0.00	121	180.02	0.00
22.80	0.00	121	180.02	0.00
22.90	0.00	121	180.02	0.00
23.00	0.00	121	180.02	0.00
23.10	0.00	121	180.02	0.00
23.20	0.00	121	180.02	0.00
23.30	0.00	121	180.02	0.00
23.40	0.00	121	180.02	0.00
23.50	0.00	121	180.02	0.00
23.60	0.00	121	180.02	0.00
23.70	0.00	121	180.02	0.00
23.80	0.00	121	180.02	0.00
23.90	0.00	121	180.02	0.00
24.00	0.00	121	180.02	0.00
24.10	0.00	121	180.02	0.00
24.20	0.00	121	180.02	0.00
24.30	0.00	121	180.02	0.00
24.40	0.00	121	180.02	0.00
24.50	0.00	121	180.02	0.00
24.60	0.00	121	180.02	0.00
24.70	0.00	121	180.02	0.00
24.80	0.00	121	180.02	0.00
24.90	0.00	121	180.02	0.00
25.00	0.00	121	180.02	0.00
25.10	0.00	121	180.02	0.00
25.20	0.00	121	180.02	0.00
25.30	0.00	121	180.02	0.00
25.40	0.00	121	180.02	0.00
25.50	0.00	121	180.02	0.00
25.60	0.00	121	180.02	0.00
25.70	0.00	121	180.02	0.00
25.80	0.00	121	180.02	0.00
25.90	0.00	121	180.02	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	121	180.02	0.00
26.10	0.00	121	180.02	0.00
26.20	0.00	121	180.02	0.00
26.30	0.00	121	180.02	0.00
26.40	0.00	121	180.02	0.00
26.50	0.00	121	180.02	0.00
26.60	0.00	121	180.02	0.00
26.70	0.00	121	180.02	0.00
26.80	0.00	121	180.02	0.00
26.90	0.00	121	180.02	0.00
27.00	0.00	121	180.02	0.00
27.10	0.00	121	180.02	0.00
27.20	0.00	121	180.02	0.00
27.30	0.00	121	180.02	0.00
27.40	0.00	121	180.02	0.00
27.50	0.00	121	180.02	0.00
27.60	0.00	121	180.02	0.00
27.70	0.00	121	180.02	0.00
27.80	0.00	121	180.02	0.00
27.90	0.00	121	180.02	0.00
28.00	0.00	121	180.02	0.00
28.10	0.00	121	180.02	0.00
28.20	0.00	121	180.02	0.00
28.30	0.00	121	180.02	0.00
28.40	0.00	121	180.02	0.00
28.50	0.00	121	180.02	0.00
28.60	0.00	121	180.02	0.00
28.70	0.00	121	180.02	0.00
28.80	0.00	121	180.02	0.00
28.90	0.00	121	180.02	0.00
29.00	0.00	121	180.02	0.00
29.10	0.00	121	180.02	0.00
29.20	0.00	121	180.02	0.00
29.30	0.00	121	180.02	0.00
29.40	0.00	121	180.02	0.00
29.50	0.00	121	180.02	0.00
29.60	0.00	121	180.02	0.00
29.70	0.00	121	180.02	0.00
29.80	0.00	121	180.02	0.00
29.90	0.00	121	180.02	0.00
30.00	0.00	121	180.02	0.00
30.10	0.00	121	180.02	0.00
30.20	0.00	121	180.02	0.00
30.30	0.00	121	180.02	0.00
30.40	0.00	121	180.02	0.00
30.50	0.00	121	180.02	0.00
30.60	0.00	121	180.02	0.00
30.70	0.00	121	180.02	0.00
30.80	0.00	121	180.02	0.00
30.90	0.00	121	180.02	0.00
31.00	0.00	121	180.02	0.00
31.10	0.00	121	180.02	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	121	180.02	0.00
31.30	0.00	121	180.02	0.00
31.40	0.00	121	180.02	0.00
31.50	0.00	121	180.02	0.00
31.60	0.00	121	180.02	0.00
31.70	0.00	121	180.02	0.00
31.80	0.00	121	180.02	0.00
31.90	0.00	121	180.02	0.00
32.00	0.00	121	180.02	0.00
32.10	0.00	121	180.02	0.00
32.20	0.00	121	180.02	0.00
32.30	0.00	121	180.02	0.00
32.40	0.00	121	180.02	0.00
32.50	0.00	121	180.02	0.00
32.60	0.00	121	180.02	0.00
32.70	0.00	121	180.02	0.00
32.80	0.00	121	180.02	0.00
32.90	0.00	121	180.02	0.00
33.00	0.00	121	180.02	0.00
33.10	0.00	121	180.02	0.00
33.20	0.00	121	180.02	0.00
33.30	0.00	121	180.02	0.00
33.40	0.00	121	180.02	0.00
33.50	0.00	121	180.02	0.00
33.60	0.00	121	180.02	0.00
33.70	0.00	121	180.02	0.00
33.80	0.00	121	180.02	0.00
33.90	0.00	121	180.02	0.00
34.00	0.00	121	180.02	0.00
34.10	0.00	121	180.02	0.00
34.20	0.00	121	180.02	0.00
34.30	0.00	121	180.02	0.00
34.40	0.00	121	180.02	0.00
34.50	0.00	121	180.02	0.00
34.60	0.00	121	180.02	0.00
34.70	0.00	121	180.02	0.00
34.80	0.00	121	180.02	0.00
34.90	0.00	121	180.02	0.00
35.00	0.00	121	180.02	0.00
35.10	0.00	121	180.02	0.00
35.20	0.00	121	180.02	0.00
35.30	0.00	121	180.02	0.00
35.40	0.00	121	180.02	0.00
35.50	0.00	121	180.02	0.00
35.60	0.00	121	180.02	0.00
35.70	0.00	121	180.02	0.00
35.80	0.00	121	180.02	0.00
35.90	0.00	121	180.02	0.00
36.00	0.00	121	180.02	0.00
36.10	0.00	121	180.02	0.00
36.20	0.00	121	180.02	0.00
36.30	0.00	121	180.02	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	121	180.02	0.00
36.50	0.00	121	180.02	0.00
36.60	0.00	121	180.02	0.00
36.70	0.00	121	180.02	0.00
36.80	0.00	121	180.02	0.00
36.90	0.00	121	180.02	0.00
37.00	0.00	121	180.02	0.00
37.10	0.00	121	180.02	0.00
37.20	0.00	121	180.02	0.00
37.30	0.00	121	180.02	0.00
37.40	0.00	121	180.02	0.00
37.50	0.00	121	180.02	0.00
37.60	0.00	121	180.02	0.00
37.70	0.00	121	180.02	0.00
37.80	0.00	121	180.02	0.00
37.90	0.00	121	180.02	0.00
38.00	0.00	121	180.02	0.00
38.10	0.00	121	180.02	0.00
38.20	0.00	121	180.02	0.00
38.30	0.00	121	180.02	0.00
38.40	0.00	121	180.02	0.00
38.50	0.00	121	180.02	0.00
38.60	0.00	121	180.02	0.00
38.70	0.00	121	180.02	0.00
38.80	0.00	121	180.02	0.00
38.90	0.00	121	180.02	0.00
39.00	0.00	121	180.02	0.00
39.10	0.00	121	180.02	0.00
39.20	0.00	121	180.02	0.00
39.30	0.00	121	180.02	0.00
39.40	0.00	121	180.02	0.00
39.50	0.00	121	180.02	0.00
39.60	0.00	121	180.02	0.00
39.70	0.00	121	180.02	0.00
39.80	0.00	121	180.02	0.00
39.90	0.00	121	180.02	0.00
40.00	0.00	121	180.02	0.00

Stage-Discharge for Pond B-46B: Basin #46B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.00
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.00
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.00
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.00
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.00
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.00
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.00
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.00
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.00
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.00
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.00
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.00
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.00
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.00
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.00
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.00
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.00
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.00
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.00
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.00
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.00
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.00
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.00
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.00
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.00
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.00
180.26	0.00	180.78	0.00	181.30	0.00	181.82	0.00
180.27	0.00	180.79	0.00	181.31	0.00	181.83	0.00
180.28	0.00	180.80	0.00	181.32	0.00	181.84	0.00
180.29	0.00	180.81	0.00	181.33	0.00	181.85	0.00
180.30	0.00	180.82	0.00	181.34	0.00	181.86	0.00
180.31	0.00	180.83	0.00	181.35	0.00	181.87	0.00
180.32	0.00	180.84	0.00	181.36	0.00	181.88	0.00
180.33	0.00	180.85	0.00	181.37	0.00	181.89	0.00
180.34	0.00	180.86	0.00	181.38	0.00	181.90	0.00
180.35	0.00	180.87	0.00	181.39	0.00	181.91	0.00
180.36	0.00	180.88	0.00	181.40	0.00	181.92	0.00
180.37	0.00	180.89	0.00	181.41	0.00	181.93	0.00
180.38	0.00	180.90	0.00	181.42	0.00	181.94	0.00
180.39	0.00	180.91	0.00	181.43	0.00	181.95	0.00
180.40	0.00	180.92	0.00	181.44	0.00	181.96	0.00
180.41	0.00	180.93	0.00	181.45	0.00	181.97	0.00
180.42	0.00	180.94	0.00	181.46	0.00	181.98	0.00
180.43	0.00	180.95	0.00	181.47	0.00	181.99	0.00
180.44	0.00	180.96	0.00	181.48	0.00	182.00	0.00
180.45	0.00	180.97	0.00	181.49	0.00	182.01	0.00
180.46	0.00	180.98	0.00	181.50	0.00	182.02	0.00
180.47	0.00	180.99	0.00	181.51	0.00	182.03	0.00
180.48	0.00	181.00	0.00	181.52	0.00	182.04	0.00
180.49	0.00	181.01	0.00	181.53	0.00	182.05	0.00
180.50	0.00	181.02	0.00	181.54	0.00	182.06	0.00
180.51	0.00	181.03	0.00	181.55	0.00	182.07	0.00

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.00	182.60	0.00	183.12	0.11	183.64	0.16
182.09	0.00	182.61	0.00	183.13	0.11	183.65	0.16
182.10	0.00	182.62	0.00	183.14	0.11	183.66	0.16
182.11	0.00	182.63	0.00	183.15	0.12	183.67	0.17
182.12	0.00	182.64	0.00	183.16	0.12	183.68	0.17
182.13	0.00	182.65	0.00	183.17	0.12	183.69	0.17
182.14	0.00	182.66	0.00	183.18	0.12	183.70	0.17
182.15	0.00	182.67	0.00	183.19	0.12	183.71	0.17
182.16	0.00	182.68	0.00	183.20	0.12	183.72	0.17
182.17	0.00	182.69	0.01	183.21	0.12	183.73	0.17
182.18	0.00	182.70	0.01	183.22	0.12	183.74	0.17
182.19	0.00	182.71	0.02	183.23	0.13	183.75	0.17
182.20	0.00	182.72	0.03	183.24	0.13	183.76	0.17
182.21	0.00	182.73	0.04	183.25	0.13	183.77	0.17
182.22	0.00	182.74	0.04	183.26	0.13	183.78	0.17
182.23	0.00	182.75	0.05	183.27	0.13	183.79	0.18
182.24	0.00	182.76	0.05	183.28	0.13	183.80	0.18
182.25	0.00	182.77	0.06	183.29	0.13	183.81	0.18
182.26	0.00	182.78	0.06	183.30	0.13	183.82	0.18
182.27	0.00	182.79	0.06	183.31	0.13	183.83	0.18
182.28	0.00	182.80	0.06	183.32	0.13	183.84	0.18
182.29	0.00	182.81	0.07	183.33	0.14	183.85	0.18
182.30	0.00	182.82	0.07	183.34	0.14	183.86	0.18
182.31	0.00	182.83	0.07	183.35	0.14	183.87	0.18
182.32	0.00	182.84	0.07	183.36	0.14	183.88	0.18
182.33	0.00	182.85	0.07	183.37	0.14	183.89	0.18
182.34	0.00	182.86	0.08	183.38	0.14	183.90	0.18
182.35	0.00	182.87	0.08	183.39	0.14	183.91	0.18
182.36	0.00	182.88	0.08	183.40	0.14	183.92	0.18
182.37	0.00	182.89	0.08	183.41	0.14	183.93	0.19
182.38	0.00	182.90	0.08	183.42	0.14	183.94	0.19
182.39	0.00	182.91	0.08	183.43	0.14	183.95	0.19
182.40	0.00	182.92	0.09	183.44	0.15	183.96	0.19
182.41	0.00	182.93	0.09	183.45	0.15	183.97	0.19
182.42	0.00	182.94	0.09	183.46	0.15	183.98	0.19
182.43	0.00	182.95	0.09	183.47	0.15	183.99	0.19
182.44	0.00	182.96	0.09	183.48	0.15	184.00	0.19
182.45	0.00	182.97	0.09	183.49	0.15	184.01	0.19
182.46	0.00	182.98	0.09	183.50	0.15	184.02	0.19
182.47	0.00	182.99	0.10	183.51	0.15	184.03	0.19
182.48	0.00	183.00	0.10	183.52	0.15	184.04	0.19
182.49	0.00	183.01	0.10	183.53	0.15	184.05	0.19
182.50	0.00	183.02	0.10	183.54	0.15	184.06	0.19
182.51	0.00	183.03	0.10	183.55	0.16	184.07	0.20
182.52	0.00	183.04	0.10	183.56	0.16	184.08	0.20
182.53	0.00	183.05	0.10	183.57	0.16	184.09	0.20
182.54	0.00	183.06	0.11	183.58	0.16	184.10	0.20
182.55	0.00	183.07	0.11	183.59	0.16	184.11	0.20
182.56	0.00	183.08	0.11	183.60	0.16	184.12	0.20
182.57	0.00	183.09	0.11	183.61	0.16	184.13	0.20
182.58	0.00	183.10	0.11	183.62	0.16	184.14	0.20
182.59	0.00	183.11	0.11	183.63	0.16	184.15	0.20

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	0.20	184.68	0.23	185.20	0.26	185.72	0.29
184.17	0.20	184.69	0.23	185.21	0.26	185.73	0.29
184.18	0.20	184.70	0.24	185.22	0.26	185.74	0.29
184.19	0.20	184.71	0.24	185.23	0.26	185.75	0.29
184.20	0.20	184.72	0.24	185.24	0.26	185.76	0.29
184.21	0.21	184.73	0.24	185.25	0.26	185.77	0.29
184.22	0.21	184.74	0.24	185.26	0.27	185.78	0.29
184.23	0.21	184.75	0.24	185.27	0.27	185.79	0.29
184.24	0.21	184.76	0.24	185.28	0.27	185.80	0.29
184.25	0.21	184.77	0.24	185.29	0.27	185.81	0.29
184.26	0.21	184.78	0.24	185.30	0.27	185.82	0.29
184.27	0.21	184.79	0.24	185.31	0.27	185.83	0.29
184.28	0.21	184.80	0.24	185.32	0.27	185.84	0.29
184.29	0.21	184.81	0.24	185.33	0.27	185.85	0.29
184.30	0.21	184.82	0.24	185.34	0.27	185.86	0.29
184.31	0.21	184.83	0.24	185.35	0.27	185.87	0.29
184.32	0.21	184.84	0.24	185.36	0.27	185.88	0.29
184.33	0.21	184.85	0.24	185.37	0.27	185.89	0.30
184.34	0.21	184.86	0.24	185.38	0.27	185.90	0.30
184.35	0.21	184.87	0.24	185.39	0.27	185.91	0.30
184.36	0.21	184.88	0.25	185.40	0.27	185.92	0.30
184.37	0.22	184.89	0.25	185.41	0.27	185.93	0.30
184.38	0.22	184.90	0.25	185.42	0.27	185.94	0.30
184.39	0.22	184.91	0.25	185.43	0.27	185.95	0.30
184.40	0.22	184.92	0.25	185.44	0.27	185.96	0.30
184.41	0.22	184.93	0.25	185.45	0.27	185.97	0.30
184.42	0.22	184.94	0.25	185.46	0.28	185.98	0.30
184.43	0.22	184.95	0.25	185.47	0.28	185.99	0.30
184.44	0.22	184.96	0.25	185.48	0.28	186.00	0.30
184.45	0.22	184.97	0.25	185.49	0.28	186.01	0.30
184.46	0.22	184.98	0.25	185.50	0.28	186.02	0.30
184.47	0.22	184.99	0.25	185.51	0.28	186.03	0.30
184.48	0.22	185.00	0.25	185.52	0.28	186.04	0.30
184.49	0.22	185.01	0.25	185.53	0.28	186.05	0.30
184.50	0.22	185.02	0.25	185.54	0.28	186.06	0.30
184.51	0.22	185.03	0.25	185.55	0.28	186.07	0.30
184.52	0.22	185.04	0.25	185.56	0.28	186.08	0.30
184.53	0.23	185.05	0.25	185.57	0.28	186.09	0.30
184.54	0.23	185.06	0.25	185.58	0.28	186.10	0.30
184.55	0.23	185.07	0.26	185.59	0.28	186.11	0.31
184.56	0.23	185.08	0.26	185.60	0.28	186.12	0.31
184.57	0.23	185.09	0.26	185.61	0.28	186.13	0.31
184.58	0.23	185.10	0.26	185.62	0.28	186.14	0.31
184.59	0.23	185.11	0.26	185.63	0.28	186.15	0.31
184.60	0.23	185.12	0.26	185.64	0.28	186.16	0.31
184.61	0.23	185.13	0.26	185.65	0.28	186.17	0.31
184.62	0.23	185.14	0.26	185.66	0.28	186.18	0.31
184.63	0.23	185.15	0.26	185.67	0.29	186.19	0.31
184.64	0.23	185.16	0.26	185.68	0.29	186.20	0.31
184.65	0.23	185.17	0.26	185.69	0.29	186.21	0.31
184.66	0.23	185.18	0.26	185.70	0.29	186.22	0.31
184.67	0.23	185.19	0.26	185.71	0.29	186.23	0.31

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	0.31	186.76	0.33	187.28	2.26	187.80	29.53
186.25	0.31	186.77	0.33	187.29	2.37	187.81	30.79
186.26	0.31	186.78	0.33	187.30	2.47	187.82	32.07
186.27	0.31	186.79	0.33	187.31	2.58	187.83	33.39
186.28	0.31	186.80	0.33	187.32	2.68	187.84	34.72
186.29	0.31	186.81	0.33	187.33	2.79	187.85	36.09
186.30	0.31	186.82	0.34	187.34	2.90	187.86	37.47
186.31	0.31	186.83	0.34	187.35	3.02	187.87	38.89
186.32	0.31	186.84	0.34	187.36	3.13	187.88	40.32
186.33	0.31	186.85	0.34	187.37	3.25	187.89	41.78
186.34	0.32	186.86	0.34	187.38	3.36	187.90	43.27
186.35	0.32	186.87	0.34	187.39	3.48	187.91	44.81
186.36	0.32	186.88	0.34	187.40	3.60	187.92	46.38
186.37	0.32	186.89	0.34	187.41	3.72	187.93	47.97
186.38	0.32	186.90	0.34	187.42	3.84	187.94	49.59
186.39	0.32	186.91	0.34	187.43	3.97	187.95	51.23
186.40	0.32	186.92	0.34	187.44	4.09	187.96	52.91
186.41	0.32	186.93	0.34	187.45	4.22	187.97	54.61
186.42	0.32	186.94	0.34	187.46	4.35	187.98	56.33
186.43	0.32	186.95	0.34	187.47	4.48	187.99	58.09
186.44	0.32	186.96	0.34	187.48	4.61	188.00	59.87
186.45	0.32	186.97	0.34	187.49	4.74		
186.46	0.32	186.98	0.34	187.50	4.87		
186.47	0.32	186.99	0.34	187.51	5.12		
186.48	0.32	187.00	0.34	187.52	5.47		
186.49	0.32	187.01	0.36	187.53	5.88		
186.50	0.32	187.02	0.38	187.54	6.35		
186.51	0.32	187.03	0.41	187.55	6.86		
186.52	0.32	187.04	0.45	187.56	7.42		
186.53	0.32	187.05	0.49	187.57	8.01		
186.54	0.32	187.06	0.54	187.58	8.63		
186.55	0.32	187.07	0.59	187.59	9.29		
186.56	0.32	187.08	0.64	187.60	9.98		
186.57	0.32	187.09	0.70	187.61	10.70		
186.58	0.33	187.10	0.76	187.62	11.45		
186.59	0.33	187.11	0.82	187.63	12.22		
186.60	0.33	187.12	0.89	187.64	13.02		
186.61	0.33	187.13	0.96	187.65	13.84		
186.62	0.33	187.14	1.03	187.66	14.69		
186.63	0.33	187.15	1.10	187.67	15.57		
186.64	0.33	187.16	1.18	187.68	16.47		
186.65	0.33	187.17	1.26	187.69	17.38		
186.66	0.33	187.18	1.34	187.70	18.33		
186.67	0.33	187.19	1.42	187.71	19.33		
186.68	0.33	187.20	1.51	187.72	20.36		
186.69	0.33	187.21	1.60	187.73	21.41		
186.70	0.33	187.22	1.69	187.74	22.49		
186.71	0.33	187.23	1.78	187.75	23.60		
186.72	0.33	187.24	1.87	187.76	24.73		
186.73	0.33	187.25	1.97	187.77	25.89		
186.74	0.33	187.26	2.06	187.78	27.08		
186.75	0.33	187.27	2.16	187.79	28.29		

Stage-Area-Storage for Pond B-46B: Basin #46B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,813	0	180.52	6,410	3,178
180.01	5,824	58	180.53	6,421	3,242
180.02	5,836	116	180.54	6,433	3,306
180.03	5,847	175	180.55	6,444	3,371
180.04	5,859	233	180.56	6,456	3,435
180.05	5,870	292	180.57	6,467	3,500
180.06	5,882	351	180.58	6,479	3,565
180.07	5,893	410	180.59	6,490	3,629
180.08	5,905	469	180.60	6,502	3,694
180.09	5,916	528	180.61	6,513	3,760
180.10	5,928	587	180.62	6,525	3,825
180.11	5,939	646	180.63	6,536	3,890
180.12	5,951	706	180.64	6,548	3,955
180.13	5,962	765	180.65	6,559	4,021
180.14	5,974	825	180.66	6,571	4,087
180.15	5,985	885	180.67	6,582	4,152
180.16	5,997	945	180.68	6,594	4,218
180.17	6,008	1,005	180.69	6,605	4,284
180.18	6,020	1,065	180.70	6,617	4,350
180.19	6,031	1,125	180.71	6,628	4,417
180.20	6,043	1,186	180.72	6,640	4,483
180.21	6,054	1,246	180.73	6,651	4,549
180.22	6,066	1,307	180.74	6,663	4,616
180.23	6,077	1,367	180.75	6,674	4,683
180.24	6,089	1,428	180.76	6,685	4,749
180.25	6,100	1,489	180.77	6,697	4,816
180.26	6,111	1,550	180.78	6,708	4,883
180.27	6,123	1,611	180.79	6,720	4,951
180.28	6,134	1,673	180.80	6,731	5,018
180.29	6,146	1,734	180.81	6,743	5,085
180.30	6,157	1,796	180.82	6,754	5,153
180.31	6,169	1,857	180.83	6,766	5,220
180.32	6,180	1,919	180.84	6,777	5,288
180.33	6,192	1,981	180.85	6,789	5,356
180.34	6,203	2,043	180.86	6,800	5,424
180.35	6,215	2,105	180.87	6,812	5,492
180.36	6,226	2,167	180.88	6,823	5,560
180.37	6,238	2,229	180.89	6,835	5,628
180.38	6,249	2,292	180.90	6,846	5,697
180.39	6,261	2,354	180.91	6,858	5,765
180.40	6,272	2,417	180.92	6,869	5,834
180.41	6,284	2,480	180.93	6,881	5,903
180.42	6,295	2,543	180.94	6,892	5,971
180.43	6,307	2,606	180.95	6,904	6,040
180.44	6,318	2,669	180.96	6,915	6,109
180.45	6,330	2,732	180.97	6,927	6,179
180.46	6,341	2,795	180.98	6,938	6,248
180.47	6,353	2,859	180.99	6,950	6,317
180.48	6,364	2,922	181.00	6,961	6,387
180.49	6,376	2,986	181.01	6,973	6,457
180.50	6,387	3,050	181.02	6,985	6,526
180.51	6,398	3,114	181.03	6,998	6,596

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	7,010	6,666	181.56	7,644	10,476
181.05	7,022	6,737	181.57	7,656	10,553
181.06	7,034	6,807	181.58	7,669	10,630
181.07	7,046	6,877	181.59	7,681	10,706
181.08	7,059	6,948	181.60	7,693	10,783
181.09	7,071	7,018	181.61	7,705	10,860
181.10	7,083	7,089	181.62	7,717	10,937
181.11	7,095	7,160	181.63	7,730	11,015
181.12	7,107	7,231	181.64	7,742	11,092
181.13	7,120	7,302	181.65	7,754	11,169
181.14	7,132	7,373	181.66	7,766	11,247
181.15	7,144	7,445	181.67	7,778	11,325
181.16	7,156	7,516	181.68	7,791	11,403
181.17	7,168	7,588	181.69	7,803	11,481
181.18	7,181	7,660	181.70	7,815	11,559
181.19	7,193	7,732	181.71	7,827	11,637
181.20	7,205	7,804	181.72	7,839	11,715
181.21	7,217	7,876	181.73	7,852	11,794
181.22	7,229	7,948	181.74	7,864	11,872
181.23	7,242	8,020	181.75	7,876	11,951
181.24	7,254	8,093	181.76	7,888	12,030
181.25	7,266	8,165	181.77	7,900	12,109
181.26	7,278	8,238	181.78	7,913	12,188
181.27	7,290	8,311	181.79	7,925	12,267
181.28	7,303	8,384	181.80	7,937	12,346
181.29	7,315	8,457	181.81	7,949	12,426
181.30	7,327	8,530	181.82	7,961	12,505
181.31	7,339	8,604	181.83	7,974	12,585
181.32	7,351	8,677	181.84	7,986	12,665
181.33	7,364	8,751	181.85	7,998	12,745
181.34	7,376	8,824	181.86	8,010	12,825
181.35	7,388	8,898	181.87	8,022	12,905
181.36	7,400	8,972	181.88	8,035	12,985
181.37	7,412	9,046	181.89	8,047	13,065
181.38	7,425	9,120	181.90	8,059	13,146
181.39	7,437	9,195	181.91	8,071	13,227
181.40	7,449	9,269	181.92	8,083	13,307
181.41	7,461	9,344	181.93	8,096	13,388
181.42	7,473	9,418	181.94	8,108	13,469
181.43	7,486	9,493	181.95	8,120	13,550
181.44	7,498	9,568	181.96	8,132	13,632
181.45	7,510	9,643	181.97	8,144	13,713
181.46	7,522	9,718	181.98	8,157	13,795
181.47	7,534	9,793	181.99	8,169	13,876
181.48	7,547	9,869	182.00	8,181	13,958
181.49	7,559	9,944	182.01	8,194	14,040
181.50	7,571	10,020	182.02	8,207	14,122
181.51	7,583	10,096	182.03	8,220	14,204
181.52	7,595	10,172	182.04	8,233	14,286
181.53	7,608	10,248	182.05	8,246	14,369
181.54	7,620	10,324	182.06	8,258	14,451
181.55	7,632	10,400	182.07	8,271	14,534

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,284	14,617	182.60	8,955	19,099
182.09	8,297	14,700	182.61	8,968	19,188
182.10	8,310	14,783	182.62	8,981	19,278
182.11	8,323	14,866	182.63	8,994	19,368
182.12	8,336	14,949	182.64	9,007	19,458
182.13	8,349	15,032	182.65	9,020	19,548
182.14	8,362	15,116	182.66	9,032	19,638
182.15	8,375	15,200	182.67	9,045	19,729
182.16	8,387	15,283	182.68	9,058	19,819
182.17	8,400	15,367	182.69	9,071	19,910
182.18	8,413	15,451	182.70	9,084	20,001
182.19	8,426	15,536	182.71	9,097	20,092
182.20	8,439	15,620	182.72	9,110	20,183
182.21	8,452	15,704	182.73	9,123	20,274
182.22	8,465	15,789	182.74	9,136	20,365
182.23	8,478	15,874	182.75	9,149	20,457
182.24	8,491	15,959	182.76	9,161	20,548
182.25	8,504	16,044	182.77	9,174	20,640
182.26	8,516	16,129	182.78	9,187	20,732
182.27	8,529	16,214	182.79	9,200	20,824
182.28	8,542	16,299	182.80	9,213	20,916
182.29	8,555	16,385	182.81	9,226	21,008
182.30	8,568	16,470	182.82	9,239	21,100
182.31	8,581	16,556	182.83	9,252	21,193
182.32	8,594	16,642	182.84	9,265	21,285
182.33	8,607	16,728	182.85	9,277	21,378
182.34	8,620	16,814	182.86	9,290	21,471
182.35	8,632	16,900	182.87	9,303	21,564
182.36	8,645	16,987	182.88	9,316	21,657
182.37	8,658	17,073	182.89	9,329	21,750
182.38	8,671	17,160	182.90	9,342	21,843
182.39	8,684	17,247	182.91	9,355	21,937
182.40	8,697	17,334	182.92	9,368	22,030
182.41	8,710	17,421	182.93	9,381	22,124
182.42	8,723	17,508	182.94	9,394	22,218
182.43	8,736	17,595	182.95	9,406	22,312
182.44	8,749	17,683	182.96	9,419	22,406
182.45	8,761	17,770	182.97	9,432	22,500
182.46	8,774	17,858	182.98	9,445	22,595
182.47	8,787	17,946	182.99	9,458	22,689
182.48	8,800	18,033	183.00	9,471	22,784
182.49	8,813	18,122	183.01	9,487	22,879
182.50	8,826	18,210	183.02	9,503	22,974
182.51	8,839	18,298	183.03	9,519	23,069
182.52	8,852	18,387	183.04	9,535	23,164
182.53	8,865	18,475	183.05	9,550	23,260
182.54	8,878	18,564	183.06	9,566	23,355
182.55	8,891	18,653	183.07	9,582	23,451
182.56	8,903	18,742	183.08	9,598	23,547
182.57	8,916	18,831	183.09	9,614	23,643
182.58	8,929	18,920	183.10	9,630	23,739
182.59	8,942	19,009	183.11	9,646	23,835

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,662	23,932	183.64	10,487	29,171
183.13	9,677	24,029	183.65	10,503	29,276
183.14	9,693	24,126	183.66	10,519	29,381
183.15	9,709	24,223	183.67	10,535	29,486
183.16	9,725	24,320	183.68	10,551	29,591
183.17	9,741	24,417	183.69	10,567	29,697
183.18	9,757	24,515	183.70	10,583	29,803
183.19	9,773	24,612	183.71	10,598	29,909
183.20	9,789	24,710	183.72	10,614	30,015
183.21	9,804	24,808	183.73	10,630	30,121
183.22	9,820	24,906	183.74	10,646	30,227
183.23	9,836	25,004	183.75	10,662	30,334
183.24	9,852	25,103	183.76	10,678	30,441
183.25	9,868	25,201	183.77	10,694	30,547
183.26	9,884	25,300	183.78	10,710	30,654
183.27	9,900	25,399	183.79	10,726	30,762
183.28	9,916	25,498	183.80	10,741	30,869
183.29	9,932	25,597	183.81	10,757	30,976
183.30	9,947	25,697	183.82	10,773	31,084
183.31	9,963	25,796	183.83	10,789	31,192
183.32	9,979	25,896	183.84	10,805	31,300
183.33	9,995	25,996	183.85	10,821	31,408
183.34	10,011	26,096	183.86	10,837	31,516
183.35	10,027	26,196	183.87	10,853	31,625
183.36	10,043	26,296	183.88	10,868	31,733
183.37	10,059	26,397	183.89	10,884	31,842
183.38	10,074	26,498	183.90	10,900	31,951
183.39	10,090	26,598	183.91	10,916	32,060
183.40	10,106	26,699	183.92	10,932	32,169
183.41	10,122	26,801	183.93	10,948	32,279
183.42	10,138	26,902	183.94	10,964	32,388
183.43	10,154	27,003	183.95	10,980	32,498
183.44	10,170	27,105	183.96	10,995	32,608
183.45	10,186	27,207	183.97	11,011	32,718
183.46	10,201	27,309	183.98	11,027	32,828
183.47	10,217	27,411	183.99	11,043	32,938
183.48	10,233	27,513	184.00	11,059	33,049
183.49	10,249	27,615	184.01	11,072	33,160
183.50	10,265	27,718	184.02	11,086	33,270
183.51	10,281	27,821	184.03	11,099	33,381
183.52	10,297	27,924	184.04	11,113	33,492
183.53	10,313	28,027	184.05	11,126	33,604
183.54	10,329	28,130	184.06	11,140	33,715
183.55	10,344	28,233	184.07	11,153	33,826
183.56	10,360	28,337	184.08	11,166	33,938
183.57	10,376	28,440	184.09	11,180	34,050
183.58	10,392	28,544	184.10	11,193	34,162
183.59	10,408	28,648	184.11	11,207	34,274
183.60	10,424	28,752	184.12	11,220	34,386
183.61	10,440	28,857	184.13	11,234	34,498
183.62	10,456	28,961	184.14	11,247	34,610
183.63	10,471	29,066	184.15	11,260	34,723

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	11,274	34,836	184.68	11,972	40,880
184.17	11,287	34,948	184.69	11,986	40,999
184.18	11,301	35,061	184.70	11,999	41,119
184.19	11,314	35,174	184.71	12,013	41,239
184.20	11,328	35,288	184.72	12,026	41,360
184.21	11,341	35,401	184.73	12,039	41,480
184.22	11,354	35,514	184.74	12,053	41,600
184.23	11,368	35,628	184.75	12,066	41,721
184.24	11,381	35,742	184.76	12,080	41,842
184.25	11,395	35,856	184.77	12,093	41,963
184.26	11,408	35,970	184.78	12,107	42,084
184.27	11,422	36,084	184.79	12,120	42,205
184.28	11,435	36,198	184.80	12,133	42,326
184.29	11,448	36,313	184.81	12,147	42,447
184.30	11,462	36,427	184.82	12,160	42,569
184.31	11,475	36,542	184.83	12,174	42,691
184.32	11,489	36,657	184.84	12,187	42,812
184.33	11,502	36,772	184.85	12,201	42,934
184.34	11,516	36,887	184.86	12,214	43,056
184.35	11,529	37,002	184.87	12,227	43,179
184.36	11,542	37,117	184.88	12,241	43,301
184.37	11,556	37,233	184.89	12,254	43,423
184.38	11,569	37,348	184.90	12,268	43,546
184.39	11,583	37,464	184.91	12,281	43,669
184.40	11,596	37,580	184.92	12,295	43,792
184.41	11,610	37,696	184.93	12,308	43,915
184.42	11,623	37,812	184.94	12,321	44,038
184.43	11,636	37,929	184.95	12,335	44,161
184.44	11,650	38,045	184.96	12,348	44,284
184.45	11,663	38,162	184.97	12,362	44,408
184.46	11,677	38,278	184.98	12,375	44,532
184.47	11,690	38,395	184.99	12,389	44,656
184.48	11,704	38,512	185.00	12,402	44,780
184.49	11,717	38,629	185.01	12,416	44,904
184.50	11,731	38,746	185.02	12,430	45,028
184.51	11,744	38,864	185.03	12,444	45,152
184.52	11,757	38,981	185.04	12,458	45,277
184.53	11,771	39,099	185.05	12,472	45,401
184.54	11,784	39,217	185.06	12,486	45,526
184.55	11,798	39,335	185.07	12,500	45,651
184.56	11,811	39,453	185.08	12,514	45,776
184.57	11,825	39,571	185.09	12,528	45,901
184.58	11,838	39,689	185.10	12,542	46,027
184.59	11,851	39,808	185.11	12,556	46,152
184.60	11,865	39,926	185.12	12,570	46,278
184.61	11,878	40,045	185.13	12,584	46,404
184.62	11,892	40,164	185.14	12,598	46,530
184.63	11,905	40,283	185.15	12,612	46,656
184.64	11,919	40,402	185.16	12,626	46,782
184.65	11,932	40,521	185.17	12,640	46,908
184.66	11,945	40,640	185.18	12,654	47,035
184.67	11,959	40,760	185.19	12,668	47,161

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	12,682	47,288	185.72	13,411	54,072
185.21	12,696	47,415	185.73	13,425	54,206
185.22	12,710	47,542	185.74	13,439	54,341
185.23	12,724	47,669	185.75	13,453	54,475
185.24	12,738	47,796	185.76	13,467	54,610
185.25	12,752	47,924	185.77	13,481	54,744
185.26	12,766	48,051	185.78	13,495	54,879
185.27	12,780	48,179	185.79	13,509	55,014
185.28	12,794	48,307	185.80	13,523	55,149
185.29	12,808	48,435	185.81	13,537	55,285
185.30	12,822	48,563	185.82	13,551	55,420
185.31	12,836	48,691	185.83	13,565	55,556
185.32	12,850	48,820	185.84	13,579	55,691
185.33	12,864	48,948	185.85	13,593	55,827
185.34	12,878	49,077	185.86	13,607	55,963
185.35	12,892	49,206	185.87	13,621	56,099
185.36	12,906	49,335	185.88	13,635	56,236
185.37	12,920	49,464	185.89	13,649	56,372
185.38	12,934	49,593	185.90	13,663	56,509
185.39	12,948	49,723	185.91	13,677	56,645
185.40	12,962	49,852	185.92	13,691	56,782
185.41	12,976	49,982	185.93	13,705	56,919
185.42	12,990	50,112	185.94	13,719	57,056
185.43	13,004	50,242	185.95	13,733	57,194
185.44	13,018	50,372	185.96	13,747	57,331
185.45	13,032	50,502	185.97	13,761	57,469
185.46	13,046	50,633	185.98	13,775	57,606
185.47	13,060	50,763	185.99	13,789	57,744
185.48	13,074	50,894	186.00	13,803	57,882
185.49	13,088	51,025	186.01	13,818	58,020
185.50	13,103	51,156	186.02	13,832	58,158
185.51	13,117	51,287	186.03	13,847	58,297
185.52	13,131	51,418	186.04	13,861	58,435
185.53	13,145	51,549	186.05	13,876	58,574
185.54	13,159	51,681	186.06	13,890	58,713
185.55	13,173	51,813	186.07	13,905	58,852
185.56	13,187	51,944	186.08	13,919	58,991
185.57	13,201	52,076	186.09	13,934	59,130
185.58	13,215	52,208	186.10	13,949	59,270
185.59	13,229	52,341	186.11	13,963	59,409
185.60	13,243	52,473	186.12	13,978	59,549
185.61	13,257	52,605	186.13	13,992	59,689
185.62	13,271	52,738	186.14	14,007	59,829
185.63	13,285	52,871	186.15	14,021	59,969
185.64	13,299	53,004	186.16	14,036	60,109
185.65	13,313	53,137	186.17	14,051	60,250
185.66	13,327	53,270	186.18	14,065	60,390
185.67	13,341	53,403	186.19	14,080	60,531
185.68	13,355	53,537	186.20	14,094	60,672
185.69	13,369	53,670	186.21	14,109	60,813
185.70	13,383	53,804	186.22	14,123	60,954
185.71	13,397	53,938	186.23	14,138	61,095

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	14,152	61,237	186.76	14,910	68,793
186.25	14,167	61,378	186.77	14,924	68,942
186.26	14,182	61,520	186.78	14,939	69,091
186.27	14,196	61,662	186.79	14,953	69,241
186.28	14,211	61,804	186.80	14,968	69,390
186.29	14,225	61,946	186.81	14,982	69,540
186.30	14,240	62,088	186.82	14,997	69,690
186.31	14,254	62,231	186.83	15,011	69,840
186.32	14,269	62,374	186.84	15,026	69,990
186.33	14,283	62,516	186.85	15,041	70,141
186.34	14,298	62,659	186.86	15,055	70,291
186.35	14,313	62,802	186.87	15,070	70,442
186.36	14,327	62,945	186.88	15,084	70,592
186.37	14,342	63,089	186.89	15,099	70,743
186.38	14,356	63,232	186.90	15,113	70,894
186.39	14,371	63,376	186.91	15,128	71,046
186.40	14,385	63,520	186.92	15,143	71,197
186.41	14,400	63,664	186.93	15,157	71,348
186.42	14,415	63,808	186.94	15,172	71,500
186.43	14,429	63,952	186.95	15,186	71,652
186.44	14,444	64,096	186.96	15,201	71,804
186.45	14,458	64,241	186.97	15,215	71,956
186.46	14,473	64,385	186.98	15,230	72,108
186.47	14,487	64,530	186.99	15,244	72,260
186.48	14,502	64,675	187.00	15,259	72,413
186.49	14,516	64,820	187.01	15,274	72,566
186.50	14,531	64,966	187.02	15,289	72,718
186.51	14,546	65,111	187.03	15,304	72,871
186.52	14,560	65,256	187.04	15,320	73,025
186.53	14,575	65,402	187.05	15,335	73,178
186.54	14,589	65,548	187.06	15,350	73,331
186.55	14,604	65,694	187.07	15,365	73,485
186.56	14,618	65,840	187.08	15,380	73,639
186.57	14,633	65,986	187.09	15,395	73,792
186.58	14,647	66,133	187.10	15,410	73,946
186.59	14,662	66,279	187.11	15,425	74,101
186.60	14,677	66,426	187.12	15,441	74,255
186.61	14,691	66,573	187.13	15,456	74,409
186.62	14,706	66,720	187.14	15,471	74,564
186.63	14,720	66,867	187.15	15,486	74,719
186.64	14,735	67,014	187.16	15,501	74,874
186.65	14,749	67,162	187.17	15,516	75,029
186.66	14,764	67,309	187.18	15,531	75,184
186.67	14,779	67,457	187.19	15,546	75,340
186.68	14,793	67,605	187.20	15,562	75,495
186.69	14,808	67,753	187.21	15,577	75,651
186.70	14,822	67,901	187.22	15,592	75,807
186.71	14,837	68,049	187.23	15,607	75,963
186.72	14,851	68,198	187.24	15,622	76,119
186.73	14,866	68,346	187.25	15,637	76,275
186.74	14,880	68,495	187.26	15,652	76,431
186.75	14,895	68,644	187.27	15,668	76,588

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	15,683	76,745	187.80	16,469	85,104
187.29	15,698	76,902	187.81	16,485	85,269
187.30	15,713	77,059	187.82	16,500	85,434
187.31	15,728	77,216	187.83	16,515	85,599
187.32	15,743	77,373	187.84	16,530	85,764
187.33	15,758	77,531	187.85	16,545	85,930
187.34	15,773	77,689	187.86	16,560	86,095
187.35	15,789	77,846	187.87	16,575	86,261
187.36	15,804	78,004	187.88	16,590	86,427
187.37	15,819	78,162	187.89	16,606	86,593
187.38	15,834	78,321	187.90	16,621	86,759
187.39	15,849	78,479	187.91	16,636	86,925
187.40	15,864	78,638	187.92	16,651	87,092
187.41	15,879	78,796	187.93	16,666	87,258
187.42	15,894	78,955	187.94	16,681	87,425
187.43	15,910	79,114	187.95	16,696	87,592
187.44	15,925	79,273	187.96	16,711	87,759
187.45	15,940	79,433	187.97	16,727	87,926
187.46	15,955	79,592	187.98	16,742	88,093
187.47	15,970	79,752	187.99	16,757	88,261
187.48	15,985	79,912	188.00	16,772	88,429
187.49	16,000	80,072			
187.50	16,016	80,232			
187.51	16,031	80,392			
187.52	16,046	80,552			
187.53	16,061	80,713			
187.54	16,076	80,873			
187.55	16,091	81,034			
187.56	16,106	81,195			
187.57	16,121	81,356			
187.58	16,137	81,518			
187.59	16,152	81,679			
187.60	16,167	81,841			
187.61	16,182	82,002			
187.62	16,197	82,164			
187.63	16,212	82,326			
187.64	16,227	82,489			
187.65	16,242	82,651			
187.66	16,258	82,813			
187.67	16,273	82,976			
187.68	16,288	83,139			
187.69	16,303	83,302			
187.70	16,318	83,465			
187.71	16,333	83,628			
187.72	16,348	83,792			
187.73	16,363	83,955			
187.74	16,379	84,119			
187.75	16,394	84,283			
187.76	16,409	84,447			
187.77	16,424	84,611			
187.78	16,439	84,775			
187.79	16,454	84,940			

Summary for Pond B-47: Basin #47

Inflow Area = 2.436 ac, 30.62% Impervious, Inflow Depth = 0.37" for WQ Storm event
 Inflow = 2.26 cfs @ 1.08 hrs, Volume= 0.075 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.15' @ 3.00 hrs Surf.Area= 21,611 sf Storage= 3,254 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

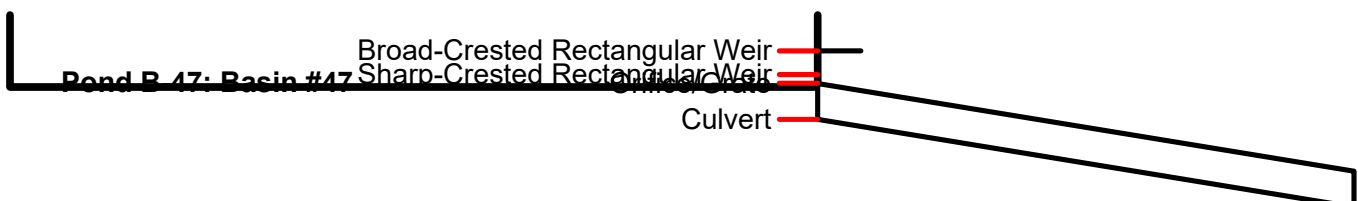
Volume	Invert	Avail.Storage	Storage Description
#1	189.00'	72,844 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
189.00	21,318	0	0
190.00	23,252	22,285	22,285
191.00	25,242	24,247	46,532
192.00	27,382	26,312	72,844

Device	Routing	Invert	Outlet Devices
#1	Primary	187.65'	18.0" Round Culvert L= 62.0' Ke= 0.500 Inlet / Outlet Invert= 187.65' / 184.00' S= 0.0589 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	189.16'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.52'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.51'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

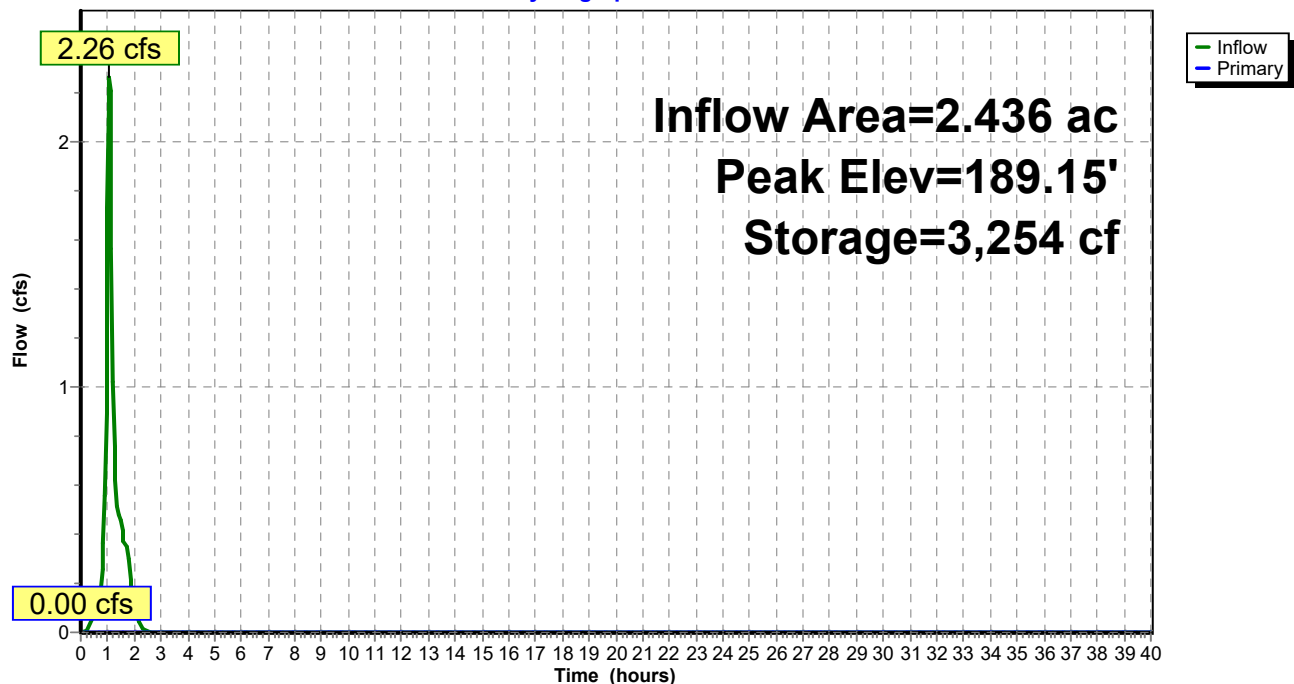
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=189.00' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 6.63 cfs potential flow)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-47: Basin #47

Hydrograph



Hydrograph for Pond B-47: Basin #47

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	189.00	0.00
0.10	0.00	0	189.00	0.00
0.20	0.00	0	189.00	0.00
0.30	0.00	0	189.00	0.00
0.40	0.02	2	189.00	0.00
0.50	0.06	18	189.00	0.00
0.60	0.13	52	189.00	0.00
0.70	0.17	107	189.01	0.00
0.80	0.25	180	189.01	0.00
0.90	0.56	318	189.01	0.00
1.00	1.72	683	189.03	0.00
1.10	2.21	1,421	189.07	0.00
1.20	1.02	1,993	189.09	0.00
1.30	0.62	2,277	189.11	0.00
1.40	0.48	2,469	189.12	0.00
1.50	0.45	2,636	189.12	0.00
1.60	0.37	2,785	189.13	0.00
1.70	0.35	2,915	189.14	0.00
1.80	0.30	3,036	189.14	0.00
1.90	0.19	3,119	189.15	0.00
2.00	0.15	3,180	189.15	0.00
2.10	0.07	3,221	189.15	0.00
2.20	0.03	3,239	189.15	0.00
2.30	0.02	3,248	189.15	0.00
2.40	0.01	3,252	189.15	0.00
2.50	0.00	3,253	189.15	0.00
2.60	0.00	3,254	189.15	0.00
2.70	0.00	3,254	189.15	0.00
2.80	0.00	3,254	189.15	0.00
2.90	0.00	3,254	189.15	0.00
3.00	0.00	3,254	189.15	0.00
3.10	0.00	3,254	189.15	0.00
3.20	0.00	3,254	189.15	0.00
3.30	0.00	3,254	189.15	0.00
3.40	0.00	3,254	189.15	0.00
3.50	0.00	3,254	189.15	0.00
3.60	0.00	3,254	189.15	0.00
3.70	0.00	3,254	189.15	0.00
3.80	0.00	3,254	189.15	0.00
3.90	0.00	3,254	189.15	0.00
4.00	0.00	3,254	189.15	0.00
4.10	0.00	3,254	189.15	0.00
4.20	0.00	3,254	189.15	0.00
4.30	0.00	3,254	189.15	0.00
4.40	0.00	3,254	189.15	0.00
4.50	0.00	3,254	189.15	0.00
4.60	0.00	3,254	189.15	0.00
4.70	0.00	3,254	189.15	0.00
4.80	0.00	3,254	189.15	0.00
4.90	0.00	3,254	189.15	0.00
5.00	0.00	3,254	189.15	0.00
5.10	0.00	3,254	189.15	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,254	189.15	0.00
5.30	0.00	3,254	189.15	0.00
5.40	0.00	3,254	189.15	0.00
5.50	0.00	3,254	189.15	0.00
5.60	0.00	3,254	189.15	0.00
5.70	0.00	3,254	189.15	0.00
5.80	0.00	3,254	189.15	0.00
5.90	0.00	3,254	189.15	0.00
6.00	0.00	3,254	189.15	0.00
6.10	0.00	3,254	189.15	0.00
6.20	0.00	3,254	189.15	0.00
6.30	0.00	3,254	189.15	0.00
6.40	0.00	3,254	189.15	0.00
6.50	0.00	3,254	189.15	0.00
6.60	0.00	3,254	189.15	0.00
6.70	0.00	3,254	189.15	0.00
6.80	0.00	3,254	189.15	0.00
6.90	0.00	3,254	189.15	0.00
7.00	0.00	3,254	189.15	0.00
7.10	0.00	3,254	189.15	0.00
7.20	0.00	3,254	189.15	0.00
7.30	0.00	3,254	189.15	0.00
7.40	0.00	3,254	189.15	0.00
7.50	0.00	3,254	189.15	0.00
7.60	0.00	3,254	189.15	0.00
7.70	0.00	3,254	189.15	0.00
7.80	0.00	3,254	189.15	0.00
7.90	0.00	3,254	189.15	0.00
8.00	0.00	3,254	189.15	0.00
8.10	0.00	3,254	189.15	0.00
8.20	0.00	3,254	189.15	0.00
8.30	0.00	3,254	189.15	0.00
8.40	0.00	3,254	189.15	0.00
8.50	0.00	3,254	189.15	0.00
8.60	0.00	3,254	189.15	0.00
8.70	0.00	3,254	189.15	0.00
8.80	0.00	3,254	189.15	0.00
8.90	0.00	3,254	189.15	0.00
9.00	0.00	3,254	189.15	0.00
9.10	0.00	3,254	189.15	0.00
9.20	0.00	3,254	189.15	0.00
9.30	0.00	3,254	189.15	0.00
9.40	0.00	3,254	189.15	0.00
9.50	0.00	3,254	189.15	0.00
9.60	0.00	3,254	189.15	0.00
9.70	0.00	3,254	189.15	0.00
9.80	0.00	3,254	189.15	0.00
9.90	0.00	3,254	189.15	0.00
10.00	0.00	3,254	189.15	0.00
10.10	0.00	3,254	189.15	0.00
10.20	0.00	3,254	189.15	0.00
10.30	0.00	3,254	189.15	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,254	189.15	0.00
10.50	0.00	3,254	189.15	0.00
10.60	0.00	3,254	189.15	0.00
10.70	0.00	3,254	189.15	0.00
10.80	0.00	3,254	189.15	0.00
10.90	0.00	3,254	189.15	0.00
11.00	0.00	3,254	189.15	0.00
11.10	0.00	3,254	189.15	0.00
11.20	0.00	3,254	189.15	0.00
11.30	0.00	3,254	189.15	0.00
11.40	0.00	3,254	189.15	0.00
11.50	0.00	3,254	189.15	0.00
11.60	0.00	3,254	189.15	0.00
11.70	0.00	3,254	189.15	0.00
11.80	0.00	3,254	189.15	0.00
11.90	0.00	3,254	189.15	0.00
12.00	0.00	3,254	189.15	0.00
12.10	0.00	3,254	189.15	0.00
12.20	0.00	3,254	189.15	0.00
12.30	0.00	3,254	189.15	0.00
12.40	0.00	3,254	189.15	0.00
12.50	0.00	3,254	189.15	0.00
12.60	0.00	3,254	189.15	0.00
12.70	0.00	3,254	189.15	0.00
12.80	0.00	3,254	189.15	0.00
12.90	0.00	3,254	189.15	0.00
13.00	0.00	3,254	189.15	0.00
13.10	0.00	3,254	189.15	0.00
13.20	0.00	3,254	189.15	0.00
13.30	0.00	3,254	189.15	0.00
13.40	0.00	3,254	189.15	0.00
13.50	0.00	3,254	189.15	0.00
13.60	0.00	3,254	189.15	0.00
13.70	0.00	3,254	189.15	0.00
13.80	0.00	3,254	189.15	0.00
13.90	0.00	3,254	189.15	0.00
14.00	0.00	3,254	189.15	0.00
14.10	0.00	3,254	189.15	0.00
14.20	0.00	3,254	189.15	0.00
14.30	0.00	3,254	189.15	0.00
14.40	0.00	3,254	189.15	0.00
14.50	0.00	3,254	189.15	0.00
14.60	0.00	3,254	189.15	0.00
14.70	0.00	3,254	189.15	0.00
14.80	0.00	3,254	189.15	0.00
14.90	0.00	3,254	189.15	0.00
15.00	0.00	3,254	189.15	0.00
15.10	0.00	3,254	189.15	0.00
15.20	0.00	3,254	189.15	0.00
15.30	0.00	3,254	189.15	0.00
15.40	0.00	3,254	189.15	0.00
15.50	0.00	3,254	189.15	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,254	189.15	0.00
15.70	0.00	3,254	189.15	0.00
15.80	0.00	3,254	189.15	0.00
15.90	0.00	3,254	189.15	0.00
16.00	0.00	3,254	189.15	0.00
16.10	0.00	3,254	189.15	0.00
16.20	0.00	3,254	189.15	0.00
16.30	0.00	3,254	189.15	0.00
16.40	0.00	3,254	189.15	0.00
16.50	0.00	3,254	189.15	0.00
16.60	0.00	3,254	189.15	0.00
16.70	0.00	3,254	189.15	0.00
16.80	0.00	3,254	189.15	0.00
16.90	0.00	3,254	189.15	0.00
17.00	0.00	3,254	189.15	0.00
17.10	0.00	3,254	189.15	0.00
17.20	0.00	3,254	189.15	0.00
17.30	0.00	3,254	189.15	0.00
17.40	0.00	3,254	189.15	0.00
17.50	0.00	3,254	189.15	0.00
17.60	0.00	3,254	189.15	0.00
17.70	0.00	3,254	189.15	0.00
17.80	0.00	3,254	189.15	0.00
17.90	0.00	3,254	189.15	0.00
18.00	0.00	3,254	189.15	0.00
18.10	0.00	3,254	189.15	0.00
18.20	0.00	3,254	189.15	0.00
18.30	0.00	3,254	189.15	0.00
18.40	0.00	3,254	189.15	0.00
18.50	0.00	3,254	189.15	0.00
18.60	0.00	3,254	189.15	0.00
18.70	0.00	3,254	189.15	0.00
18.80	0.00	3,254	189.15	0.00
18.90	0.00	3,254	189.15	0.00
19.00	0.00	3,254	189.15	0.00
19.10	0.00	3,254	189.15	0.00
19.20	0.00	3,254	189.15	0.00
19.30	0.00	3,254	189.15	0.00
19.40	0.00	3,254	189.15	0.00
19.50	0.00	3,254	189.15	0.00
19.60	0.00	3,254	189.15	0.00
19.70	0.00	3,254	189.15	0.00
19.80	0.00	3,254	189.15	0.00
19.90	0.00	3,254	189.15	0.00
20.00	0.00	3,254	189.15	0.00
20.10	0.00	3,254	189.15	0.00
20.20	0.00	3,254	189.15	0.00
20.30	0.00	3,254	189.15	0.00
20.40	0.00	3,254	189.15	0.00
20.50	0.00	3,254	189.15	0.00
20.60	0.00	3,254	189.15	0.00
20.70	0.00	3,254	189.15	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,254	189.15	0.00
20.90	0.00	3,254	189.15	0.00
21.00	0.00	3,254	189.15	0.00
21.10	0.00	3,254	189.15	0.00
21.20	0.00	3,254	189.15	0.00
21.30	0.00	3,254	189.15	0.00
21.40	0.00	3,254	189.15	0.00
21.50	0.00	3,254	189.15	0.00
21.60	0.00	3,254	189.15	0.00
21.70	0.00	3,254	189.15	0.00
21.80	0.00	3,254	189.15	0.00
21.90	0.00	3,254	189.15	0.00
22.00	0.00	3,254	189.15	0.00
22.10	0.00	3,254	189.15	0.00
22.20	0.00	3,254	189.15	0.00
22.30	0.00	3,254	189.15	0.00
22.40	0.00	3,254	189.15	0.00
22.50	0.00	3,254	189.15	0.00
22.60	0.00	3,254	189.15	0.00
22.70	0.00	3,254	189.15	0.00
22.80	0.00	3,254	189.15	0.00
22.90	0.00	3,254	189.15	0.00
23.00	0.00	3,254	189.15	0.00
23.10	0.00	3,254	189.15	0.00
23.20	0.00	3,254	189.15	0.00
23.30	0.00	3,254	189.15	0.00
23.40	0.00	3,254	189.15	0.00
23.50	0.00	3,254	189.15	0.00
23.60	0.00	3,254	189.15	0.00
23.70	0.00	3,254	189.15	0.00
23.80	0.00	3,254	189.15	0.00
23.90	0.00	3,254	189.15	0.00
24.00	0.00	3,254	189.15	0.00
24.10	0.00	3,254	189.15	0.00
24.20	0.00	3,254	189.15	0.00
24.30	0.00	3,254	189.15	0.00
24.40	0.00	3,254	189.15	0.00
24.50	0.00	3,254	189.15	0.00
24.60	0.00	3,254	189.15	0.00
24.70	0.00	3,254	189.15	0.00
24.80	0.00	3,254	189.15	0.00
24.90	0.00	3,254	189.15	0.00
25.00	0.00	3,254	189.15	0.00
25.10	0.00	3,254	189.15	0.00
25.20	0.00	3,254	189.15	0.00
25.30	0.00	3,254	189.15	0.00
25.40	0.00	3,254	189.15	0.00
25.50	0.00	3,254	189.15	0.00
25.60	0.00	3,254	189.15	0.00
25.70	0.00	3,254	189.15	0.00
25.80	0.00	3,254	189.15	0.00
25.90	0.00	3,254	189.15	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,254	189.15	0.00
26.10	0.00	3,254	189.15	0.00
26.20	0.00	3,254	189.15	0.00
26.30	0.00	3,254	189.15	0.00
26.40	0.00	3,254	189.15	0.00
26.50	0.00	3,254	189.15	0.00
26.60	0.00	3,254	189.15	0.00
26.70	0.00	3,254	189.15	0.00
26.80	0.00	3,254	189.15	0.00
26.90	0.00	3,254	189.15	0.00
27.00	0.00	3,254	189.15	0.00
27.10	0.00	3,254	189.15	0.00
27.20	0.00	3,254	189.15	0.00
27.30	0.00	3,254	189.15	0.00
27.40	0.00	3,254	189.15	0.00
27.50	0.00	3,254	189.15	0.00
27.60	0.00	3,254	189.15	0.00
27.70	0.00	3,254	189.15	0.00
27.80	0.00	3,254	189.15	0.00
27.90	0.00	3,254	189.15	0.00
28.00	0.00	3,254	189.15	0.00
28.10	0.00	3,254	189.15	0.00
28.20	0.00	3,254	189.15	0.00
28.30	0.00	3,254	189.15	0.00
28.40	0.00	3,254	189.15	0.00
28.50	0.00	3,254	189.15	0.00
28.60	0.00	3,254	189.15	0.00
28.70	0.00	3,254	189.15	0.00
28.80	0.00	3,254	189.15	0.00
28.90	0.00	3,254	189.15	0.00
29.00	0.00	3,254	189.15	0.00
29.10	0.00	3,254	189.15	0.00
29.20	0.00	3,254	189.15	0.00
29.30	0.00	3,254	189.15	0.00
29.40	0.00	3,254	189.15	0.00
29.50	0.00	3,254	189.15	0.00
29.60	0.00	3,254	189.15	0.00
29.70	0.00	3,254	189.15	0.00
29.80	0.00	3,254	189.15	0.00
29.90	0.00	3,254	189.15	0.00
30.00	0.00	3,254	189.15	0.00
30.10	0.00	3,254	189.15	0.00
30.20	0.00	3,254	189.15	0.00
30.30	0.00	3,254	189.15	0.00
30.40	0.00	3,254	189.15	0.00
30.50	0.00	3,254	189.15	0.00
30.60	0.00	3,254	189.15	0.00
30.70	0.00	3,254	189.15	0.00
30.80	0.00	3,254	189.15	0.00
30.90	0.00	3,254	189.15	0.00
31.00	0.00	3,254	189.15	0.00
31.10	0.00	3,254	189.15	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,254	189.15	0.00
31.30	0.00	3,254	189.15	0.00
31.40	0.00	3,254	189.15	0.00
31.50	0.00	3,254	189.15	0.00
31.60	0.00	3,254	189.15	0.00
31.70	0.00	3,254	189.15	0.00
31.80	0.00	3,254	189.15	0.00
31.90	0.00	3,254	189.15	0.00
32.00	0.00	3,254	189.15	0.00
32.10	0.00	3,254	189.15	0.00
32.20	0.00	3,254	189.15	0.00
32.30	0.00	3,254	189.15	0.00
32.40	0.00	3,254	189.15	0.00
32.50	0.00	3,254	189.15	0.00
32.60	0.00	3,254	189.15	0.00
32.70	0.00	3,254	189.15	0.00
32.80	0.00	3,254	189.15	0.00
32.90	0.00	3,254	189.15	0.00
33.00	0.00	3,254	189.15	0.00
33.10	0.00	3,254	189.15	0.00
33.20	0.00	3,254	189.15	0.00
33.30	0.00	3,254	189.15	0.00
33.40	0.00	3,254	189.15	0.00
33.50	0.00	3,254	189.15	0.00
33.60	0.00	3,254	189.15	0.00
33.70	0.00	3,254	189.15	0.00
33.80	0.00	3,254	189.15	0.00
33.90	0.00	3,254	189.15	0.00
34.00	0.00	3,254	189.15	0.00
34.10	0.00	3,254	189.15	0.00
34.20	0.00	3,254	189.15	0.00
34.30	0.00	3,254	189.15	0.00
34.40	0.00	3,254	189.15	0.00
34.50	0.00	3,254	189.15	0.00
34.60	0.00	3,254	189.15	0.00
34.70	0.00	3,254	189.15	0.00
34.80	0.00	3,254	189.15	0.00
34.90	0.00	3,254	189.15	0.00
35.00	0.00	3,254	189.15	0.00
35.10	0.00	3,254	189.15	0.00
35.20	0.00	3,254	189.15	0.00
35.30	0.00	3,254	189.15	0.00
35.40	0.00	3,254	189.15	0.00
35.50	0.00	3,254	189.15	0.00
35.60	0.00	3,254	189.15	0.00
35.70	0.00	3,254	189.15	0.00
35.80	0.00	3,254	189.15	0.00
35.90	0.00	3,254	189.15	0.00
36.00	0.00	3,254	189.15	0.00
36.10	0.00	3,254	189.15	0.00
36.20	0.00	3,254	189.15	0.00
36.30	0.00	3,254	189.15	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,254	189.15	0.00
36.50	0.00	3,254	189.15	0.00
36.60	0.00	3,254	189.15	0.00
36.70	0.00	3,254	189.15	0.00
36.80	0.00	3,254	189.15	0.00
36.90	0.00	3,254	189.15	0.00
37.00	0.00	3,254	189.15	0.00
37.10	0.00	3,254	189.15	0.00
37.20	0.00	3,254	189.15	0.00
37.30	0.00	3,254	189.15	0.00
37.40	0.00	3,254	189.15	0.00
37.50	0.00	3,254	189.15	0.00
37.60	0.00	3,254	189.15	0.00
37.70	0.00	3,254	189.15	0.00
37.80	0.00	3,254	189.15	0.00
37.90	0.00	3,254	189.15	0.00
38.00	0.00	3,254	189.15	0.00
38.10	0.00	3,254	189.15	0.00
38.20	0.00	3,254	189.15	0.00
38.30	0.00	3,254	189.15	0.00
38.40	0.00	3,254	189.15	0.00
38.50	0.00	3,254	189.15	0.00
38.60	0.00	3,254	189.15	0.00
38.70	0.00	3,254	189.15	0.00
38.80	0.00	3,254	189.15	0.00
38.90	0.00	3,254	189.15	0.00
39.00	0.00	3,254	189.15	0.00
39.10	0.00	3,254	189.15	0.00
39.20	0.00	3,254	189.15	0.00
39.30	0.00	3,254	189.15	0.00
39.40	0.00	3,254	189.15	0.00
39.50	0.00	3,254	189.15	0.00
39.60	0.00	3,254	189.15	0.00
39.70	0.00	3,254	189.15	0.00
39.80	0.00	3,254	189.15	0.00
39.90	0.00	3,254	189.15	0.00
40.00	0.00	3,254	189.15	0.00

Stage-Discharge for Pond B-47: Basin #47

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.00	0.00	189.52	0.08	190.04	4.92	190.56	13.82
189.01	0.00	189.53	0.10	190.05	5.06	190.57	14.26
189.02	0.00	189.54	0.12	190.06	5.20	190.58	14.74
189.03	0.00	189.55	0.16	190.07	5.34	190.59	15.25
189.04	0.00	189.56	0.19	190.08	5.48	190.60	15.79
189.05	0.00	189.57	0.24	190.09	5.62	190.61	16.37
189.06	0.00	189.58	0.28	190.10	5.76	190.62	16.97
189.07	0.00	189.59	0.34	190.11	5.90	190.63	17.60
189.08	0.00	189.60	0.39	190.12	6.05	190.64	18.25
189.09	0.00	189.61	0.45	190.13	6.19	190.65	18.93
189.10	0.00	189.62	0.51	190.14	6.34	190.66	19.64
189.11	0.00	189.63	0.57	190.15	6.49	190.67	20.37
189.12	0.00	189.64	0.64	190.16	6.64	190.68	21.12
189.13	0.00	189.65	0.71	190.17	6.79	190.69	21.89
189.14	0.00	189.66	0.78	190.18	6.94	190.70	22.68
189.15	0.00	189.67	0.86	190.19	7.09	190.71	23.50
189.16	0.00	189.68	0.94	190.20	7.24	190.72	24.37
189.17	0.00	189.69	1.02	190.21	7.40	190.73	25.27
189.18	0.00	189.70	1.10	190.22	7.55	190.74	26.20
189.19	0.00	189.71	1.18	190.23	7.71	190.75	27.15
189.20	0.00	189.72	1.27	190.24	7.87	190.76	28.12
189.21	0.00	189.73	1.36	190.25	8.02	190.77	29.13
189.22	0.01	189.74	1.45	190.26	8.18	190.78	30.15
189.23	0.01	189.75	1.54	190.27	8.34	190.79	31.20
189.24	0.01	189.76	1.64	190.28	8.50	190.80	32.28
189.25	0.01	189.77	1.73	190.29	8.66	190.81	33.38
189.26	0.02	189.78	1.83	190.30	8.83	190.82	34.50
189.27	0.02	189.79	1.93	190.31	8.99	190.83	35.65
189.28	0.02	189.80	2.03	190.32	9.15	190.84	36.82
189.29	0.03	189.81	2.13	190.33	9.32	190.85	38.02
189.30	0.03	189.82	2.24	190.34	9.48	190.86	39.24
189.31	0.03	189.83	2.35	190.35	9.65	190.87	40.49
189.32	0.04	189.84	2.45	190.36	9.82	190.88	41.76
189.33	0.04	189.85	2.56	190.37	9.99	190.89	43.05
189.34	0.05	189.86	2.68	190.38	10.16	190.90	44.37
189.35	0.05	189.87	2.79	190.39	10.33	190.91	45.71
189.36	0.05	189.88	2.90	190.40	10.50	190.92	47.10
189.37	0.05	189.89	3.02	190.41	10.67	190.93	48.52
189.38	0.06	189.90	3.14	190.42	10.84	190.94	49.97
189.39	0.06	189.91	3.26	190.43	11.02	190.95	51.44
189.40	0.06	189.92	3.38	190.44	11.19	190.96	52.93
189.41	0.06	189.93	3.50	190.45	11.36	190.97	54.46
189.42	0.06	189.94	3.62	190.46	11.54	190.98	56.01
189.43	0.07	189.95	3.74	190.47	11.72	190.99	57.58
189.44	0.07	189.96	3.87	190.48	11.89	191.00	59.18
189.45	0.07	189.97	4.00	190.49	12.07	191.01	60.81
189.46	0.07	189.98	4.13	190.50	12.25	191.02	62.47
189.47	0.07	189.99	4.26	190.51	12.36	191.03	64.15
189.48	0.08	190.00	4.39	190.52	12.51	191.04	65.85
189.49	0.08	190.01	4.52	190.53	12.75	191.05	67.59
189.50	0.08	190.02	4.65	190.54	13.06	191.06	69.35
189.51	0.08	190.03	4.79	190.55	13.41	191.07	71.14

Stage-Discharge for Pond B-47: Basin #47 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.08	72.95	191.60	175.15
191.09	74.79	191.61	177.39
191.10	76.66	191.62	179.65
191.11	78.56	191.63	181.91
191.12	80.21	191.64	184.18
191.13	81.88	191.65	186.47
191.14	83.55	191.66	188.76
191.15	85.25	191.67	191.07
191.16	86.95	191.68	193.38
191.17	88.67	191.69	195.71
191.18	90.41	191.70	198.04
191.19	92.15	191.71	200.38
191.20	93.91	191.72	202.77
191.21	95.68	191.73	205.17
191.22	97.47	191.74	207.58
191.23	99.26	191.75	210.01
191.24	101.07	191.76	212.44
191.25	102.89	191.77	214.88
191.26	104.73	191.78	217.33
191.27	106.57	191.79	219.80
191.28	108.43	191.80	222.27
191.29	110.30	191.81	224.76
191.30	112.18	191.82	227.25
191.31	114.08	191.83	229.76
191.32	116.02	191.84	232.27
191.33	117.98	191.85	234.80
191.34	119.95	191.86	237.34
191.35	121.94	191.87	239.88
191.36	123.93	191.88	242.44
191.37	125.94	191.89	245.01
191.38	127.97	191.90	247.59
191.39	130.00	191.91	250.18
191.40	132.05	191.92	252.82
191.41	134.12	191.93	255.48
191.42	136.19	191.94	258.14
191.43	138.28	191.95	260.82
191.44	140.38	191.96	263.51
191.45	142.49	191.97	266.20
191.46	144.62	191.98	268.91
191.47	146.76	191.99	271.64
191.48	148.91	192.00	274.37
191.49	151.07		
191.50	153.25		
191.51	155.44		
191.52	157.59		
191.53	159.74		
191.54	161.91		
191.55	164.09		
191.56	166.28		
191.57	168.49		
191.58	170.70		
191.59	172.92		

Stage-Area-Storage for Pond B-47: Basin #47

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.00	21,318	0	189.52	22,324	11,347
189.01	21,337	213	189.53	22,343	11,570
189.02	21,357	427	189.54	22,362	11,794
189.03	21,376	640	189.55	22,382	12,017
189.04	21,395	854	189.56	22,401	12,241
189.05	21,415	1,068	189.57	22,420	12,465
189.06	21,434	1,283	189.58	22,440	12,690
189.07	21,453	1,497	189.59	22,459	12,914
189.08	21,473	1,712	189.60	22,478	13,139
189.09	21,492	1,926	189.61	22,498	13,364
189.10	21,511	2,141	189.62	22,517	13,589
189.11	21,531	2,357	189.63	22,536	13,814
189.12	21,550	2,572	189.64	22,556	14,040
189.13	21,569	2,788	189.65	22,575	14,265
189.14	21,589	3,003	189.66	22,594	14,491
189.15	21,608	3,219	189.67	22,614	14,717
189.16	21,627	3,436	189.68	22,633	14,943
189.17	21,647	3,652	189.69	22,652	15,170
189.18	21,666	3,869	189.70	22,672	15,396
189.19	21,685	4,085	189.71	22,691	15,623
189.20	21,705	4,302	189.72	22,710	15,850
189.21	21,724	4,519	189.73	22,730	16,077
189.22	21,743	4,737	189.74	22,749	16,305
189.23	21,763	4,954	189.75	22,769	16,532
189.24	21,782	5,172	189.76	22,788	16,760
189.25	21,802	5,390	189.77	22,807	16,988
189.26	21,821	5,608	189.78	22,827	17,216
189.27	21,840	5,826	189.79	22,846	17,445
189.28	21,860	6,045	189.80	22,865	17,673
189.29	21,879	6,264	189.81	22,885	17,902
189.30	21,898	6,482	189.82	22,904	18,131
189.31	21,918	6,702	189.83	22,923	18,360
189.32	21,937	6,921	189.84	22,943	18,589
189.33	21,956	7,140	189.85	22,962	18,819
189.34	21,976	7,360	189.86	22,981	19,049
189.35	21,995	7,580	189.87	23,001	19,279
189.36	22,014	7,800	189.88	23,020	19,509
189.37	22,034	8,020	189.89	23,039	19,739
189.38	22,053	8,240	189.90	23,059	19,969
189.39	22,072	8,461	189.91	23,078	20,200
189.40	22,092	8,682	189.92	23,097	20,431
189.41	22,111	8,903	189.93	23,117	20,662
189.42	22,130	9,124	189.94	23,136	20,893
189.43	22,150	9,346	189.95	23,155	21,125
189.44	22,169	9,567	189.96	23,175	21,356
189.45	22,188	9,789	189.97	23,194	21,588
189.46	22,208	10,011	189.98	23,213	21,820
189.47	22,227	10,233	189.99	23,233	22,053
189.48	22,246	10,455	190.00	23,252	22,285
189.49	22,266	10,678	190.01	23,272	22,518
189.50	22,285	10,901	190.02	23,292	22,750
189.51	22,304	11,124	190.03	23,312	22,983

Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.04	23,332	23,217	190.56	24,366	35,618
190.05	23,352	23,450	190.57	24,386	35,862
190.06	23,371	23,684	190.58	24,406	36,106
190.07	23,391	23,918	190.59	24,426	36,350
190.08	23,411	24,152	190.60	24,446	36,594
190.09	23,431	24,386	190.61	24,466	36,839
190.10	23,451	24,620	190.62	24,486	37,084
190.11	23,471	24,855	190.63	24,506	37,329
190.12	23,491	25,090	190.64	24,526	37,574
190.13	23,511	25,325	190.65	24,546	37,819
190.14	23,531	25,560	190.66	24,565	38,065
190.15	23,551	25,795	190.67	24,585	38,310
190.16	23,570	26,031	190.68	24,605	38,556
190.17	23,590	26,267	190.69	24,625	38,803
190.18	23,610	26,503	190.70	24,645	39,049
190.19	23,630	26,739	190.71	24,665	39,295
190.20	23,650	26,975	190.72	24,685	39,542
190.21	23,670	27,212	190.73	24,705	39,789
190.22	23,690	27,449	190.74	24,725	40,036
190.23	23,710	27,686	190.75	24,745	40,284
190.24	23,730	27,923	190.76	24,764	40,531
190.25	23,750	28,160	190.77	24,784	40,779
190.26	23,769	28,398	190.78	24,804	41,027
190.27	23,789	28,636	190.79	24,824	41,275
190.28	23,809	28,874	190.80	24,844	41,523
190.29	23,829	29,112	190.81	24,864	41,772
190.30	23,849	29,350	190.82	24,884	42,021
190.31	23,869	29,589	190.83	24,904	42,270
190.32	23,889	29,828	190.84	24,924	42,519
190.33	23,909	30,067	190.85	24,943	42,768
190.34	23,929	30,306	190.86	24,963	43,018
190.35	23,948	30,545	190.87	24,983	43,267
190.36	23,968	30,785	190.88	25,003	43,517
190.37	23,988	31,024	190.89	25,023	43,767
190.38	24,008	31,264	190.90	25,043	44,018
190.39	24,028	31,505	190.91	25,063	44,268
190.40	24,048	31,745	190.92	25,083	44,519
190.41	24,068	31,986	190.93	25,103	44,770
190.42	24,088	32,226	190.94	25,123	45,021
190.43	24,108	32,467	190.95	25,142	45,272
190.44	24,128	32,709	190.96	25,162	45,524
190.45	24,147	32,950	190.97	25,182	45,776
190.46	24,167	33,191	190.98	25,202	46,028
190.47	24,187	33,433	190.99	25,222	46,280
190.48	24,207	33,675	191.00	25,242	46,532
190.49	24,227	33,917	191.01	25,263	46,785
190.50	24,247	34,160	191.02	25,285	47,037
190.51	24,267	34,402	191.03	25,306	47,290
190.52	24,287	34,645	191.04	25,328	47,543
190.53	24,307	34,888	191.05	25,349	47,797
190.54	24,327	35,131	191.06	25,370	48,050
190.55	24,347	35,375	191.07	25,392	48,304

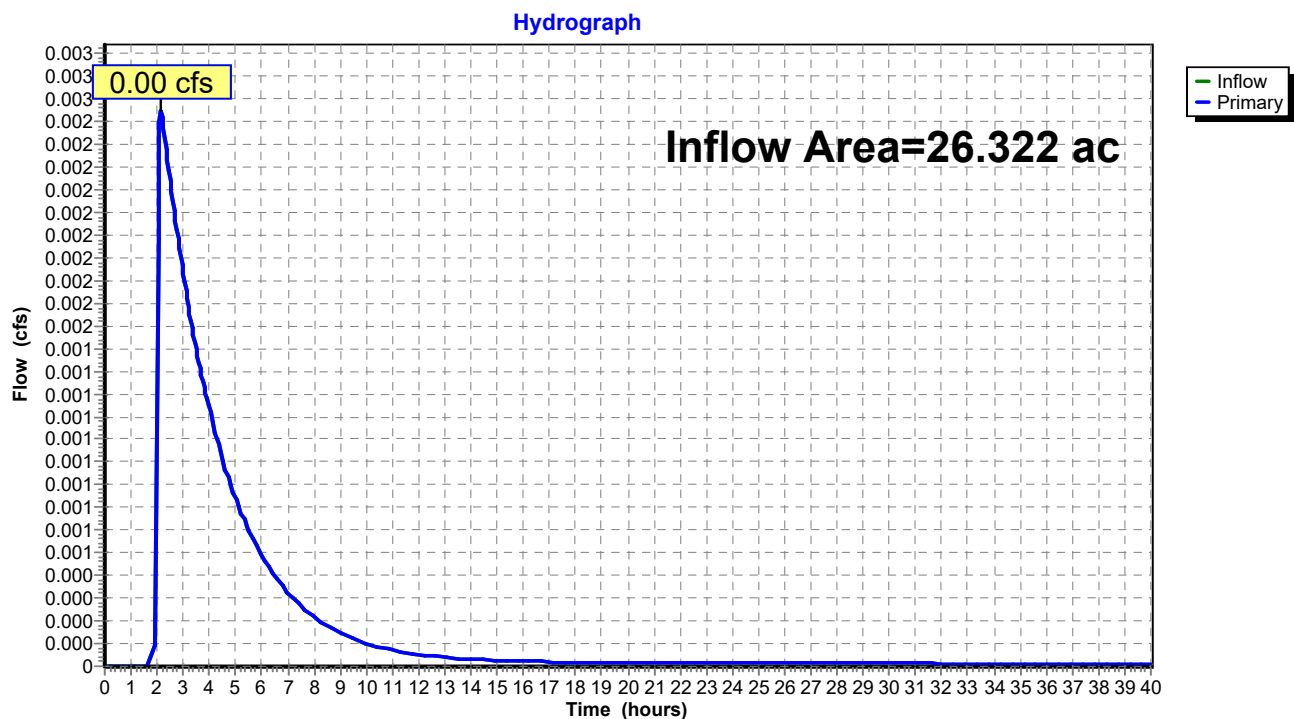
Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.08	25,413	48,558	191.60	26,526	62,062
191.09	25,435	48,812	191.61	26,547	62,328
191.10	25,456	49,067	191.62	26,569	62,593
191.11	25,477	49,322	191.63	26,590	62,859
191.12	25,499	49,576	191.64	26,612	63,125
191.13	25,520	49,832	191.65	26,633	63,391
191.14	25,542	50,087	191.66	26,654	63,658
191.15	25,563	50,342	191.67	26,676	63,924
191.16	25,584	50,598	191.68	26,697	64,191
191.17	25,606	50,854	191.69	26,719	64,458
191.18	25,627	51,110	191.70	26,740	64,726
191.19	25,649	51,367	191.71	26,761	64,993
191.20	25,670	51,623	191.72	26,783	65,261
191.21	25,691	51,880	191.73	26,804	65,529
191.22	25,713	52,137	191.74	26,826	65,797
191.23	25,734	52,394	191.75	26,847	66,065
191.24	25,756	52,652	191.76	26,868	66,334
191.25	25,777	52,909	191.77	26,890	66,603
191.26	25,798	53,167	191.78	26,911	66,872
191.27	25,820	53,425	191.79	26,933	67,141
191.28	25,841	53,684	191.80	26,954	67,410
191.29	25,863	53,942	191.81	26,975	67,680
191.30	25,884	54,201	191.82	26,997	67,950
191.31	25,905	54,460	191.83	27,018	68,220
191.32	25,927	54,719	191.84	27,040	68,490
191.33	25,948	54,978	191.85	27,061	68,761
191.34	25,970	55,238	191.86	27,082	69,031
191.35	25,991	55,498	191.87	27,104	69,302
191.36	26,012	55,758	191.88	27,125	69,574
191.37	26,034	56,018	191.89	27,147	69,845
191.38	26,055	56,278	191.90	27,168	70,117
191.39	26,077	56,539	191.91	27,189	70,388
191.40	26,098	56,800	191.92	27,211	70,660
191.41	26,119	57,061	191.93	27,232	70,933
191.42	26,141	57,322	191.94	27,254	71,205
191.43	26,162	57,584	191.95	27,275	71,478
191.44	26,184	57,846	191.96	27,296	71,750
191.45	26,205	58,108	191.97	27,318	72,024
191.46	26,226	58,370	191.98	27,339	72,297
191.47	26,248	58,632	191.99	27,361	72,570
191.48	26,269	58,895	192.00	27,382	72,844
191.49	26,291	59,157			
191.50	26,312	59,421			
191.51	26,333	59,684			
191.52	26,355	59,947			
191.53	26,376	60,211			
191.54	26,398	60,475			
191.55	26,419	60,739			
191.56	26,440	61,003			
191.57	26,462	61,268			
191.58	26,483	61,532			
191.59	26,505	61,797			

Summary for Link PDA-4: Proposed Drainage Area #4

Inflow Area = 26.322 ac, 21.46% Impervious, Inflow Depth > 0.00" for WQ Storm event
Inflow = 0.00 cfs @ 2.16 hrs, Volume= 0.001 af
Primary = 0.00 cfs @ 2.16 hrs, Volume= 0.001 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-2

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-4: Proposed Drainage Area #4

Hydrograph for Link PDA-4: Proposed Drainage Area #4

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	0.00	0.00	0.00
10.45	0.00	0.00	0.00	13.05	0.00	0.00	0.00
10.50	0.00	0.00	0.00	13.10	0.00	0.00	0.00
10.55	0.00	0.00	0.00	13.15	0.00	0.00	0.00
10.60	0.00	0.00	0.00	13.20	0.00	0.00	0.00
10.65	0.00	0.00	0.00	13.25	0.00	0.00	0.00
10.70	0.00	0.00	0.00	13.30	0.00	0.00	0.00
10.75	0.00	0.00	0.00	13.35	0.00	0.00	0.00
10.80	0.00	0.00	0.00	13.40	0.00	0.00	0.00
10.85	0.00	0.00	0.00	13.45	0.00	0.00	0.00
10.90	0.00	0.00	0.00	13.50	0.00	0.00	0.00
10.95	0.00	0.00	0.00	13.55	0.00	0.00	0.00
11.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00
11.05	0.00	0.00	0.00	13.65	0.00	0.00	0.00
11.10	0.00	0.00	0.00	13.70	0.00	0.00	0.00
11.15	0.00	0.00	0.00	13.75	0.00	0.00	0.00
11.20	0.00	0.00	0.00	13.80	0.00	0.00	0.00
11.25	0.00	0.00	0.00	13.85	0.00	0.00	0.00
11.30	0.00	0.00	0.00	13.90	0.00	0.00	0.00
11.35	0.00	0.00	0.00	13.95	0.00	0.00	0.00
11.40	0.00	0.00	0.00	14.00	0.00	0.00	0.00
11.45	0.00	0.00	0.00	14.05	0.00	0.00	0.00
11.50	0.00	0.00	0.00	14.10	0.00	0.00	0.00
11.55	0.00	0.00	0.00	14.15	0.00	0.00	0.00
11.60	0.00	0.00	0.00	14.20	0.00	0.00	0.00
11.65	0.00	0.00	0.00	14.25	0.00	0.00	0.00
11.70	0.00	0.00	0.00	14.30	0.00	0.00	0.00
11.75	0.00	0.00	0.00	14.35	0.00	0.00	0.00
11.80	0.00	0.00	0.00	14.40	0.00	0.00	0.00
11.85	0.00	0.00	0.00	14.45	0.00	0.00	0.00
11.90	0.00	0.00	0.00	14.50	0.00	0.00	0.00
11.95	0.00	0.00	0.00	14.55	0.00	0.00	0.00
12.00	0.00	0.00	0.00	14.60	0.00	0.00	0.00
12.05	0.00	0.00	0.00	14.65	0.00	0.00	0.00
12.10	0.00	0.00	0.00	14.70	0.00	0.00	0.00
12.15	0.00	0.00	0.00	14.75	0.00	0.00	0.00
12.20	0.00	0.00	0.00	14.80	0.00	0.00	0.00
12.25	0.00	0.00	0.00	14.85	0.00	0.00	0.00
12.30	0.00	0.00	0.00	14.90	0.00	0.00	0.00
12.35	0.00	0.00	0.00	14.95	0.00	0.00	0.00
12.40	0.00	0.00	0.00	15.00	0.00	0.00	0.00
12.45	0.00	0.00	0.00	15.05	0.00	0.00	0.00
12.50	0.00	0.00	0.00	15.10	0.00	0.00	0.00
12.55	0.00	0.00	0.00	15.15	0.00	0.00	0.00
12.60	0.00	0.00	0.00	15.20	0.00	0.00	0.00
12.65	0.00	0.00	0.00	15.25	0.00	0.00	0.00
12.70	0.00	0.00	0.00	15.30	0.00	0.00	0.00
12.75	0.00	0.00	0.00	15.35	0.00	0.00	0.00
12.80	0.00	0.00	0.00	15.40	0.00	0.00	0.00
12.85	0.00	0.00	0.00	15.45	0.00	0.00	0.00
12.90	0.00	0.00	0.00	15.50	0.00	0.00	0.00
12.95	0.00	0.00	0.00	15.55	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	0.00	0.00	0.00	18.20	0.00	0.00	0.00
15.65	0.00	0.00	0.00	18.25	0.00	0.00	0.00
15.70	0.00	0.00	0.00	18.30	0.00	0.00	0.00
15.75	0.00	0.00	0.00	18.35	0.00	0.00	0.00
15.80	0.00	0.00	0.00	18.40	0.00	0.00	0.00
15.85	0.00	0.00	0.00	18.45	0.00	0.00	0.00
15.90	0.00	0.00	0.00	18.50	0.00	0.00	0.00
15.95	0.00	0.00	0.00	18.55	0.00	0.00	0.00
16.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00
16.05	0.00	0.00	0.00	18.65	0.00	0.00	0.00
16.10	0.00	0.00	0.00	18.70	0.00	0.00	0.00
16.15	0.00	0.00	0.00	18.75	0.00	0.00	0.00
16.20	0.00	0.00	0.00	18.80	0.00	0.00	0.00
16.25	0.00	0.00	0.00	18.85	0.00	0.00	0.00
16.30	0.00	0.00	0.00	18.90	0.00	0.00	0.00
16.35	0.00	0.00	0.00	18.95	0.00	0.00	0.00
16.40	0.00	0.00	0.00	19.00	0.00	0.00	0.00
16.45	0.00	0.00	0.00	19.05	0.00	0.00	0.00
16.50	0.00	0.00	0.00	19.10	0.00	0.00	0.00
16.55	0.00	0.00	0.00	19.15	0.00	0.00	0.00
16.60	0.00	0.00	0.00	19.20	0.00	0.00	0.00
16.65	0.00	0.00	0.00	19.25	0.00	0.00	0.00
16.70	0.00	0.00	0.00	19.30	0.00	0.00	0.00
16.75	0.00	0.00	0.00	19.35	0.00	0.00	0.00
16.80	0.00	0.00	0.00	19.40	0.00	0.00	0.00
16.85	0.00	0.00	0.00	19.45	0.00	0.00	0.00
16.90	0.00	0.00	0.00	19.50	0.00	0.00	0.00
16.95	0.00	0.00	0.00	19.55	0.00	0.00	0.00
17.00	0.00	0.00	0.00	19.60	0.00	0.00	0.00
17.05	0.00	0.00	0.00	19.65	0.00	0.00	0.00
17.10	0.00	0.00	0.00	19.70	0.00	0.00	0.00
17.15	0.00	0.00	0.00	19.75	0.00	0.00	0.00
17.20	0.00	0.00	0.00	19.80	0.00	0.00	0.00
17.25	0.00	0.00	0.00	19.85	0.00	0.00	0.00
17.30	0.00	0.00	0.00	19.90	0.00	0.00	0.00
17.35	0.00	0.00	0.00	19.95	0.00	0.00	0.00
17.40	0.00	0.00	0.00	20.00	0.00	0.00	0.00
17.45	0.00	0.00	0.00	20.05	0.00	0.00	0.00
17.50	0.00	0.00	0.00	20.10	0.00	0.00	0.00
17.55	0.00	0.00	0.00	20.15	0.00	0.00	0.00
17.60	0.00	0.00	0.00	20.20	0.00	0.00	0.00
17.65	0.00	0.00	0.00	20.25	0.00	0.00	0.00
17.70	0.00	0.00	0.00	20.30	0.00	0.00	0.00
17.75	0.00	0.00	0.00	20.35	0.00	0.00	0.00
17.80	0.00	0.00	0.00	20.40	0.00	0.00	0.00
17.85	0.00	0.00	0.00	20.45	0.00	0.00	0.00
17.90	0.00	0.00	0.00	20.50	0.00	0.00	0.00
17.95	0.00	0.00	0.00	20.55	0.00	0.00	0.00
18.00	0.00	0.00	0.00	20.60	0.00	0.00	0.00
18.05	0.00	0.00	0.00	20.65	0.00	0.00	0.00
18.10	0.00	0.00	0.00	20.70	0.00	0.00	0.00
18.15	0.00	0.00	0.00	20.75	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.00	0.00	0.00	23.40	0.00	0.00	0.00
20.85	0.00	0.00	0.00	23.45	0.00	0.00	0.00
20.90	0.00	0.00	0.00	23.50	0.00	0.00	0.00
20.95	0.00	0.00	0.00	23.55	0.00	0.00	0.00
21.00	0.00	0.00	0.00	23.60	0.00	0.00	0.00
21.05	0.00	0.00	0.00	23.65	0.00	0.00	0.00
21.10	0.00	0.00	0.00	23.70	0.00	0.00	0.00
21.15	0.00	0.00	0.00	23.75	0.00	0.00	0.00
21.20	0.00	0.00	0.00	23.80	0.00	0.00	0.00
21.25	0.00	0.00	0.00	23.85	0.00	0.00	0.00
21.30	0.00	0.00	0.00	23.90	0.00	0.00	0.00
21.35	0.00	0.00	0.00	23.95	0.00	0.00	0.00
21.40	0.00	0.00	0.00	24.00	0.00	0.00	0.00
21.45	0.00	0.00	0.00	24.05	0.00	0.00	0.00
21.50	0.00	0.00	0.00	24.10	0.00	0.00	0.00
21.55	0.00	0.00	0.00	24.15	0.00	0.00	0.00
21.60	0.00	0.00	0.00	24.20	0.00	0.00	0.00
21.65	0.00	0.00	0.00	24.25	0.00	0.00	0.00
21.70	0.00	0.00	0.00	24.30	0.00	0.00	0.00
21.75	0.00	0.00	0.00	24.35	0.00	0.00	0.00
21.80	0.00	0.00	0.00	24.40	0.00	0.00	0.00
21.85	0.00	0.00	0.00	24.45	0.00	0.00	0.00
21.90	0.00	0.00	0.00	24.50	0.00	0.00	0.00
21.95	0.00	0.00	0.00	24.55	0.00	0.00	0.00
22.00	0.00	0.00	0.00	24.60	0.00	0.00	0.00
22.05	0.00	0.00	0.00	24.65	0.00	0.00	0.00
22.10	0.00	0.00	0.00	24.70	0.00	0.00	0.00
22.15	0.00	0.00	0.00	24.75	0.00	0.00	0.00
22.20	0.00	0.00	0.00	24.80	0.00	0.00	0.00
22.25	0.00	0.00	0.00	24.85	0.00	0.00	0.00
22.30	0.00	0.00	0.00	24.90	0.00	0.00	0.00
22.35	0.00	0.00	0.00	24.95	0.00	0.00	0.00
22.40	0.00	0.00	0.00	25.00	0.00	0.00	0.00
22.45	0.00	0.00	0.00	25.05	0.00	0.00	0.00
22.50	0.00	0.00	0.00	25.10	0.00	0.00	0.00
22.55	0.00	0.00	0.00	25.15	0.00	0.00	0.00
22.60	0.00	0.00	0.00	25.20	0.00	0.00	0.00
22.65	0.00	0.00	0.00	25.25	0.00	0.00	0.00
22.70	0.00	0.00	0.00	25.30	0.00	0.00	0.00
22.75	0.00	0.00	0.00	25.35	0.00	0.00	0.00
22.80	0.00	0.00	0.00	25.40	0.00	0.00	0.00
22.85	0.00	0.00	0.00	25.45	0.00	0.00	0.00
22.90	0.00	0.00	0.00	25.50	0.00	0.00	0.00
22.95	0.00	0.00	0.00	25.55	0.00	0.00	0.00
23.00	0.00	0.00	0.00	25.60	0.00	0.00	0.00
23.05	0.00	0.00	0.00	25.65	0.00	0.00	0.00
23.10	0.00	0.00	0.00	25.70	0.00	0.00	0.00
23.15	0.00	0.00	0.00	25.75	0.00	0.00	0.00
23.20	0.00	0.00	0.00	25.80	0.00	0.00	0.00
23.25	0.00	0.00	0.00	25.85	0.00	0.00	0.00
23.30	0.00	0.00	0.00	25.90	0.00	0.00	0.00
23.35	0.00	0.00	0.00	25.95	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.00	0.00	28.60	0.00	0.00	0.00
26.05	0.00	0.00	0.00	28.65	0.00	0.00	0.00
26.10	0.00	0.00	0.00	28.70	0.00	0.00	0.00
26.15	0.00	0.00	0.00	28.75	0.00	0.00	0.00
26.20	0.00	0.00	0.00	28.80	0.00	0.00	0.00
26.25	0.00	0.00	0.00	28.85	0.00	0.00	0.00
26.30	0.00	0.00	0.00	28.90	0.00	0.00	0.00
26.35	0.00	0.00	0.00	28.95	0.00	0.00	0.00
26.40	0.00	0.00	0.00	29.00	0.00	0.00	0.00
26.45	0.00	0.00	0.00	29.05	0.00	0.00	0.00
26.50	0.00	0.00	0.00	29.10	0.00	0.00	0.00
26.55	0.00	0.00	0.00	29.15	0.00	0.00	0.00
26.60	0.00	0.00	0.00	29.20	0.00	0.00	0.00
26.65	0.00	0.00	0.00	29.25	0.00	0.00	0.00
26.70	0.00	0.00	0.00	29.30	0.00	0.00	0.00
26.75	0.00	0.00	0.00	29.35	0.00	0.00	0.00
26.80	0.00	0.00	0.00	29.40	0.00	0.00	0.00
26.85	0.00	0.00	0.00	29.45	0.00	0.00	0.00
26.90	0.00	0.00	0.00	29.50	0.00	0.00	0.00
26.95	0.00	0.00	0.00	29.55	0.00	0.00	0.00
27.00	0.00	0.00	0.00	29.60	0.00	0.00	0.00
27.05	0.00	0.00	0.00	29.65	0.00	0.00	0.00
27.10	0.00	0.00	0.00	29.70	0.00	0.00	0.00
27.15	0.00	0.00	0.00	29.75	0.00	0.00	0.00
27.20	0.00	0.00	0.00	29.80	0.00	0.00	0.00
27.25	0.00	0.00	0.00	29.85	0.00	0.00	0.00
27.30	0.00	0.00	0.00	29.90	0.00	0.00	0.00
27.35	0.00	0.00	0.00	29.95	0.00	0.00	0.00
27.40	0.00	0.00	0.00	30.00	0.00	0.00	0.00
27.45	0.00	0.00	0.00	30.05	0.00	0.00	0.00
27.50	0.00	0.00	0.00	30.10	0.00	0.00	0.00
27.55	0.00	0.00	0.00	30.15	0.00	0.00	0.00
27.60	0.00	0.00	0.00	30.20	0.00	0.00	0.00
27.65	0.00	0.00	0.00	30.25	0.00	0.00	0.00
27.70	0.00	0.00	0.00	30.30	0.00	0.00	0.00
27.75	0.00	0.00	0.00	30.35	0.00	0.00	0.00
27.80	0.00	0.00	0.00	30.40	0.00	0.00	0.00
27.85	0.00	0.00	0.00	30.45	0.00	0.00	0.00
27.90	0.00	0.00	0.00	30.50	0.00	0.00	0.00
27.95	0.00	0.00	0.00	30.55	0.00	0.00	0.00
28.00	0.00	0.00	0.00	30.60	0.00	0.00	0.00
28.05	0.00	0.00	0.00	30.65	0.00	0.00	0.00
28.10	0.00	0.00	0.00	30.70	0.00	0.00	0.00
28.15	0.00	0.00	0.00	30.75	0.00	0.00	0.00
28.20	0.00	0.00	0.00	30.80	0.00	0.00	0.00
28.25	0.00	0.00	0.00	30.85	0.00	0.00	0.00
28.30	0.00	0.00	0.00	30.90	0.00	0.00	0.00
28.35	0.00	0.00	0.00	30.95	0.00	0.00	0.00
28.40	0.00	0.00	0.00	31.00	0.00	0.00	0.00
28.45	0.00	0.00	0.00	31.05	0.00	0.00	0.00
28.50	0.00	0.00	0.00	31.10	0.00	0.00	0.00
28.55	0.00	0.00	0.00	31.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.00	0.00	33.80	0.00	0.00	0.00
31.25	0.00	0.00	0.00	33.85	0.00	0.00	0.00
31.30	0.00	0.00	0.00	33.90	0.00	0.00	0.00
31.35	0.00	0.00	0.00	33.95	0.00	0.00	0.00
31.40	0.00	0.00	0.00	34.00	0.00	0.00	0.00
31.45	0.00	0.00	0.00	34.05	0.00	0.00	0.00
31.50	0.00	0.00	0.00	34.10	0.00	0.00	0.00
31.55	0.00	0.00	0.00	34.15	0.00	0.00	0.00
31.60	0.00	0.00	0.00	34.20	0.00	0.00	0.00
31.65	0.00	0.00	0.00	34.25	0.00	0.00	0.00
31.70	0.00	0.00	0.00	34.30	0.00	0.00	0.00
31.75	0.00	0.00	0.00	34.35	0.00	0.00	0.00
31.80	0.00	0.00	0.00	34.40	0.00	0.00	0.00
31.85	0.00	0.00	0.00	34.45	0.00	0.00	0.00
31.90	0.00	0.00	0.00	34.50	0.00	0.00	0.00
31.95	0.00	0.00	0.00	34.55	0.00	0.00	0.00
32.00	0.00	0.00	0.00	34.60	0.00	0.00	0.00
32.05	0.00	0.00	0.00	34.65	0.00	0.00	0.00
32.10	0.00	0.00	0.00	34.70	0.00	0.00	0.00
32.15	0.00	0.00	0.00	34.75	0.00	0.00	0.00
32.20	0.00	0.00	0.00	34.80	0.00	0.00	0.00
32.25	0.00	0.00	0.00	34.85	0.00	0.00	0.00
32.30	0.00	0.00	0.00	34.90	0.00	0.00	0.00
32.35	0.00	0.00	0.00	34.95	0.00	0.00	0.00
32.40	0.00	0.00	0.00	35.00	0.00	0.00	0.00
32.45	0.00	0.00	0.00	35.05	0.00	0.00	0.00
32.50	0.00	0.00	0.00	35.10	0.00	0.00	0.00
32.55	0.00	0.00	0.00	35.15	0.00	0.00	0.00
32.60	0.00	0.00	0.00	35.20	0.00	0.00	0.00
32.65	0.00	0.00	0.00	35.25	0.00	0.00	0.00
32.70	0.00	0.00	0.00	35.30	0.00	0.00	0.00
32.75	0.00	0.00	0.00	35.35	0.00	0.00	0.00
32.80	0.00	0.00	0.00	35.40	0.00	0.00	0.00
32.85	0.00	0.00	0.00	35.45	0.00	0.00	0.00
32.90	0.00	0.00	0.00	35.50	0.00	0.00	0.00
32.95	0.00	0.00	0.00	35.55	0.00	0.00	0.00
33.00	0.00	0.00	0.00	35.60	0.00	0.00	0.00
33.05	0.00	0.00	0.00	35.65	0.00	0.00	0.00
33.10	0.00	0.00	0.00	35.70	0.00	0.00	0.00
33.15	0.00	0.00	0.00	35.75	0.00	0.00	0.00
33.20	0.00	0.00	0.00	35.80	0.00	0.00	0.00
33.25	0.00	0.00	0.00	35.85	0.00	0.00	0.00
33.30	0.00	0.00	0.00	35.90	0.00	0.00	0.00
33.35	0.00	0.00	0.00	35.95	0.00	0.00	0.00
33.40	0.00	0.00	0.00	36.00	0.00	0.00	0.00
33.45	0.00	0.00	0.00	36.05	0.00	0.00	0.00
33.50	0.00	0.00	0.00	36.10	0.00	0.00	0.00
33.55	0.00	0.00	0.00	36.15	0.00	0.00	0.00
33.60	0.00	0.00	0.00	36.20	0.00	0.00	0.00
33.65	0.00	0.00	0.00	36.25	0.00	0.00	0.00
33.70	0.00	0.00	0.00	36.30	0.00	0.00	0.00
33.75	0.00	0.00	0.00	36.35	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.00	0.00	39.00	0.00	0.00	0.00
36.45	0.00	0.00	0.00	39.05	0.00	0.00	0.00
36.50	0.00	0.00	0.00	39.10	0.00	0.00	0.00
36.55	0.00	0.00	0.00	39.15	0.00	0.00	0.00
36.60	0.00	0.00	0.00	39.20	0.00	0.00	0.00
36.65	0.00	0.00	0.00	39.25	0.00	0.00	0.00
36.70	0.00	0.00	0.00	39.30	0.00	0.00	0.00
36.75	0.00	0.00	0.00	39.35	0.00	0.00	0.00
36.80	0.00	0.00	0.00	39.40	0.00	0.00	0.00
36.85	0.00	0.00	0.00	39.45	0.00	0.00	0.00
36.90	0.00	0.00	0.00	39.50	0.00	0.00	0.00
36.95	0.00	0.00	0.00	39.55	0.00	0.00	0.00
37.00	0.00	0.00	0.00	39.60	0.00	0.00	0.00
37.05	0.00	0.00	0.00	39.65	0.00	0.00	0.00
37.10	0.00	0.00	0.00	39.70	0.00	0.00	0.00
37.15	0.00	0.00	0.00	39.75	0.00	0.00	0.00
37.20	0.00	0.00	0.00	39.80	0.00	0.00	0.00
37.25	0.00	0.00	0.00	39.85	0.00	0.00	0.00
37.30	0.00	0.00	0.00	39.90	0.00	0.00	0.00
37.35	0.00	0.00	0.00	39.95	0.00	0.00	0.00
37.40	0.00	0.00	0.00	40.00	0.00	0.00	0.00
37.45	0.00	0.00	0.00				
37.50	0.00	0.00	0.00				
37.55	0.00	0.00	0.00				
37.60	0.00	0.00	0.00				
37.65	0.00	0.00	0.00				
37.70	0.00	0.00	0.00				
37.75	0.00	0.00	0.00				
37.80	0.00	0.00	0.00				
37.85	0.00	0.00	0.00				
37.90	0.00	0.00	0.00				
37.95	0.00	0.00	0.00				
38.00	0.00	0.00	0.00				
38.05	0.00	0.00	0.00				
38.10	0.00	0.00	0.00				
38.15	0.00	0.00	0.00				
38.20	0.00	0.00	0.00				
38.25	0.00	0.00	0.00				
38.30	0.00	0.00	0.00				
38.35	0.00	0.00	0.00				
38.40	0.00	0.00	0.00				
38.45	0.00	0.00	0.00				
38.50	0.00	0.00	0.00				
38.55	0.00	0.00	0.00				
38.60	0.00	0.00	0.00				
38.65	0.00	0.00	0.00				
38.70	0.00	0.00	0.00				
38.75	0.00	0.00	0.00				
38.80	0.00	0.00	0.00				
38.85	0.00	0.00	0.00				
38.90	0.00	0.00	0.00				
38.95	0.00	0.00	0.00				

Summary for Subcatchment 41I: PDA-41 (impervious)

Runoff = 2.54 cfs @ 12.10 hrs, Volume= 0.179 af, Depth= 3.12"
 Routed to Pond B-41 : Basin #41

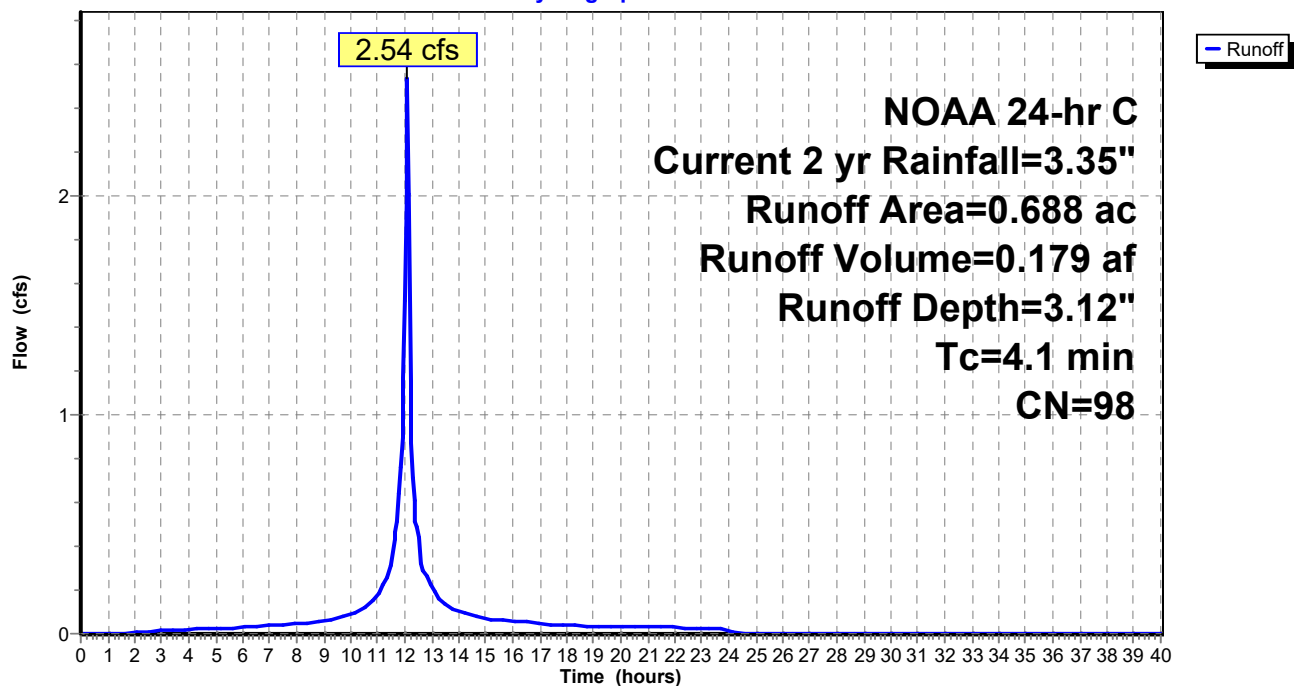
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.136	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.038	98	Concrete, HSC C
0.688	98	Weighted Average
0.688		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 41I: PDA-41 (impervious)

Hydrograph



Hydrograph for Subcatchment 41I: PDA-41 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.01
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.01
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.01
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.01
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.01
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.01
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.01
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.01
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.02
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.02
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.02
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.02
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.02
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.02
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.02
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.02
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.02
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.02
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.02
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.02
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.02
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.02
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.02
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.02
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.02
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.02
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.02
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.02
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.02
1.60	0.06	0.00	0.00	4.20	0.17	0.05	0.02
1.65	0.06	0.00	0.00	4.25	0.18	0.05	0.02
1.70	0.06	0.00	0.00	4.30	0.18	0.06	0.02
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.02
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.02
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.02
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.02
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.02
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.02
2.05	0.08	0.01	0.01	4.65	0.20	0.07	0.02
2.10	0.08	0.01	0.01	4.70	0.20	0.07	0.02
2.15	0.08	0.01	0.01	4.75	0.20	0.07	0.02
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.02
2.25	0.09	0.01	0.01	4.85	0.21	0.07	0.02
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.02
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.02
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.02
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.02
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.03
2.55	0.10	0.01	0.01	5.15	0.22	0.08	0.03

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.05
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.05
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.05
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.05
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.05
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.05
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.05
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.05
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.05
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.05
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.05
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.05
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.05
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.05
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.05
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.05
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.06
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.06
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.06
6.25	0.28	0.13	0.03	8.85	0.48	0.30	0.06
6.30	0.28	0.13	0.03	8.90	0.48	0.30	0.06
6.35	0.29	0.13	0.03	8.95	0.48	0.30	0.06
6.40	0.29	0.14	0.03	9.00	0.49	0.31	0.06
6.45	0.29	0.14	0.03	9.05	0.49	0.31	0.06
6.50	0.29	0.14	0.03	9.10	0.50	0.32	0.06
6.55	0.30	0.14	0.03	9.15	0.50	0.32	0.06
6.60	0.30	0.15	0.03	9.20	0.51	0.33	0.06
6.65	0.30	0.15	0.03	9.25	0.51	0.33	0.07
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.07
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.07
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.07
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.07
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.08
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.08
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.08
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.08
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.08
7.15	0.34	0.18	0.04	9.75	0.58	0.39	0.08
7.20	0.34	0.18	0.04	9.80	0.58	0.39	0.09
7.25	0.34	0.18	0.04	9.85	0.59	0.40	0.09
7.30	0.35	0.18	0.04	9.90	0.60	0.41	0.09
7.35	0.35	0.19	0.04	9.95	0.60	0.41	0.09
7.40	0.35	0.19	0.04	10.00	0.61	0.42	0.09
7.45	0.36	0.19	0.04	10.05	0.62	0.43	0.09
7.50	0.36	0.20	0.04	10.10	0.63	0.43	0.10
7.55	0.37	0.20	0.04	10.15	0.63	0.44	0.10
7.60	0.37	0.20	0.04	10.20	0.64	0.45	0.10
7.65	0.37	0.21	0.04	10.25	0.65	0.46	0.10
7.70	0.38	0.21	0.05	10.30	0.66	0.46	0.10
7.75	0.38	0.21	0.05	10.35	0.67	0.47	0.10

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.11	13.00	2.55	2.32	0.21
10.45	0.68	0.49	0.11	13.05	2.56	2.33	0.20
10.50	0.69	0.49	0.11	13.10	2.57	2.34	0.19
10.55	0.70	0.50	0.12	13.15	2.58	2.36	0.18
10.60	0.71	0.51	0.12	13.20	2.60	2.37	0.17
10.65	0.72	0.52	0.13	13.25	2.61	2.38	0.17
10.70	0.73	0.53	0.13	13.30	2.62	2.39	0.16
10.75	0.74	0.54	0.14	13.35	2.63	2.40	0.15
10.80	0.75	0.55	0.15	13.40	2.64	2.41	0.14
10.85	0.77	0.57	0.15	13.45	2.65	2.42	0.14
10.90	0.78	0.58	0.16	13.50	2.66	2.43	0.13
10.95	0.79	0.59	0.17	13.55	2.67	2.44	0.13
11.00	0.80	0.60	0.17	13.60	2.68	2.45	0.12
11.05	0.82	0.62	0.18	13.65	2.68	2.45	0.12
11.10	0.83	0.63	0.20	13.70	2.69	2.46	0.11
11.15	0.85	0.65	0.21	13.75	2.70	2.47	0.11
11.20	0.87	0.66	0.22	13.80	2.71	2.48	0.11
11.25	0.89	0.68	0.23	13.85	2.72	2.49	0.11
11.30	0.91	0.70	0.25	13.90	2.72	2.49	0.11
11.35	0.93	0.72	0.26	13.95	2.73	2.50	0.11
11.40	0.95	0.74	0.27	14.00	2.74	2.51	0.10
11.45	0.97	0.76	0.28	14.05	2.75	2.52	0.10
11.50	0.99	0.78	0.29	14.10	2.75	2.52	0.10
11.55	1.02	0.81	0.35	14.15	2.76	2.53	0.10
11.60	1.06	0.85	0.44	14.20	2.77	2.54	0.10
11.65	1.09	0.88	0.46	14.25	2.77	2.54	0.09
11.70	1.13	0.92	0.48	14.30	2.78	2.55	0.09
11.75	1.18	0.96	0.55	14.35	2.79	2.56	0.09
11.80	1.23	1.01	0.64	14.40	2.79	2.56	0.09
11.85	1.29	1.08	0.76	14.45	2.80	2.57	0.09
11.90	1.36	1.14	0.89	14.50	2.81	2.58	0.09
11.95	1.48	1.26	1.17	14.55	2.81	2.58	0.08
12.00	1.60	1.38	1.52	14.60	2.82	2.59	0.08
12.05	1.79	1.57	1.99	14.65	2.82	2.59	0.08
12.10	1.99	1.76	2.54	14.70	2.83	2.60	0.08
12.15	2.06	1.83	2.01	14.75	2.84	2.60	0.08
12.20	2.12	1.90	1.15	14.80	2.84	2.61	0.08
12.25	2.17	1.95	0.87	14.85	2.85	2.61	0.07
12.30	2.22	1.99	0.71	14.90	2.85	2.62	0.07
12.35	2.26	2.03	0.61	14.95	2.86	2.62	0.07
12.40	2.29	2.06	0.51	15.00	2.86	2.63	0.07
12.45	2.33	2.10	0.49	15.05	2.87	2.63	0.07
12.50	2.36	2.13	0.47	15.10	2.87	2.64	0.07
12.55	2.38	2.15	0.41	15.15	2.87	2.64	0.06
12.60	2.40	2.18	0.32	15.20	2.88	2.65	0.06
12.65	2.42	2.20	0.30	15.25	2.88	2.65	0.06
12.70	2.44	2.22	0.29	15.30	2.89	2.66	0.06
12.75	2.46	2.23	0.27	15.35	2.89	2.66	0.06
12.80	2.48	2.25	0.26	15.40	2.90	2.67	0.06
12.85	2.50	2.27	0.25	15.45	2.90	2.67	0.06
12.90	2.52	2.29	0.24	15.50	2.91	2.68	0.06
12.95	2.53	2.30	0.22	15.55	2.91	2.68	0.06

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.06	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.06	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.06	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.06	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.06	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.06	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.06	18.50	3.11	2.88	0.04
15.95	2.94	2.71	0.06	18.55	3.11	2.88	0.04
16.00	2.95	2.72	0.06	18.60	3.12	2.88	0.04
16.05	2.95	2.72	0.06	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.06	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.06	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.05	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.05	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.05	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.05	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.05	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.05	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.05	19.10	3.14	2.91	0.03
16.55	2.99	2.76	0.05	19.15	3.14	2.91	0.03
16.60	3.00	2.76	0.05	19.20	3.15	2.91	0.03
16.65	3.00	2.77	0.05	19.25	3.15	2.92	0.03
16.70	3.00	2.77	0.05	19.30	3.15	2.92	0.03
16.75	3.01	2.77	0.05	19.35	3.15	2.92	0.03
16.80	3.01	2.78	0.05	19.40	3.16	2.92	0.03
16.85	3.01	2.78	0.05	19.45	3.16	2.93	0.03
16.90	3.02	2.78	0.05	19.50	3.16	2.93	0.03
16.95	3.02	2.79	0.05	19.55	3.16	2.93	0.03
17.00	3.02	2.79	0.05	19.60	3.17	2.93	0.03
17.05	3.03	2.79	0.05	19.65	3.17	2.94	0.03
17.10	3.03	2.80	0.05	19.70	3.17	2.94	0.03
17.15	3.03	2.80	0.05	19.75	3.17	2.94	0.03
17.20	3.04	2.80	0.05	19.80	3.18	2.94	0.03
17.25	3.04	2.81	0.05	19.85	3.18	2.95	0.03
17.30	3.04	2.81	0.04	19.90	3.18	2.95	0.03
17.35	3.05	2.81	0.04	19.95	3.18	2.95	0.03
17.40	3.05	2.82	0.04	20.00	3.19	2.95	0.03
17.45	3.05	2.82	0.04	20.05	3.19	2.96	0.03
17.50	3.06	2.82	0.04	20.10	3.19	2.96	0.03
17.55	3.06	2.83	0.04	20.15	3.19	2.96	0.03
17.60	3.06	2.83	0.04	20.20	3.20	2.96	0.03
17.65	3.06	2.83	0.04	20.25	3.20	2.97	0.03
17.70	3.07	2.84	0.04	20.30	3.20	2.97	0.03
17.75	3.07	2.84	0.04	20.35	3.20	2.97	0.03
17.80	3.07	2.84	0.04	20.40	3.20	2.97	0.03
17.85	3.08	2.84	0.04	20.45	3.21	2.97	0.03
17.90	3.08	2.85	0.04	20.50	3.21	2.98	0.03
17.95	3.08	2.85	0.04	20.55	3.21	2.98	0.03
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.03
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.03
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.03
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.03

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.03	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.03	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.03	23.50	3.33	3.10	0.02
20.95	3.23	3.00	0.03	23.55	3.33	3.10	0.02
21.00	3.23	3.00	0.03	23.60	3.34	3.10	0.02
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.02
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.02
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.02
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.02
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.02
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.02
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.02
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.00
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 41P: PDA-41 (pervious)

Runoff = 2.75 cfs @ 12.07 hrs, Volume= 0.159 af, Depth= 1.14"
 Routed to Pond B-41 : Basin #41

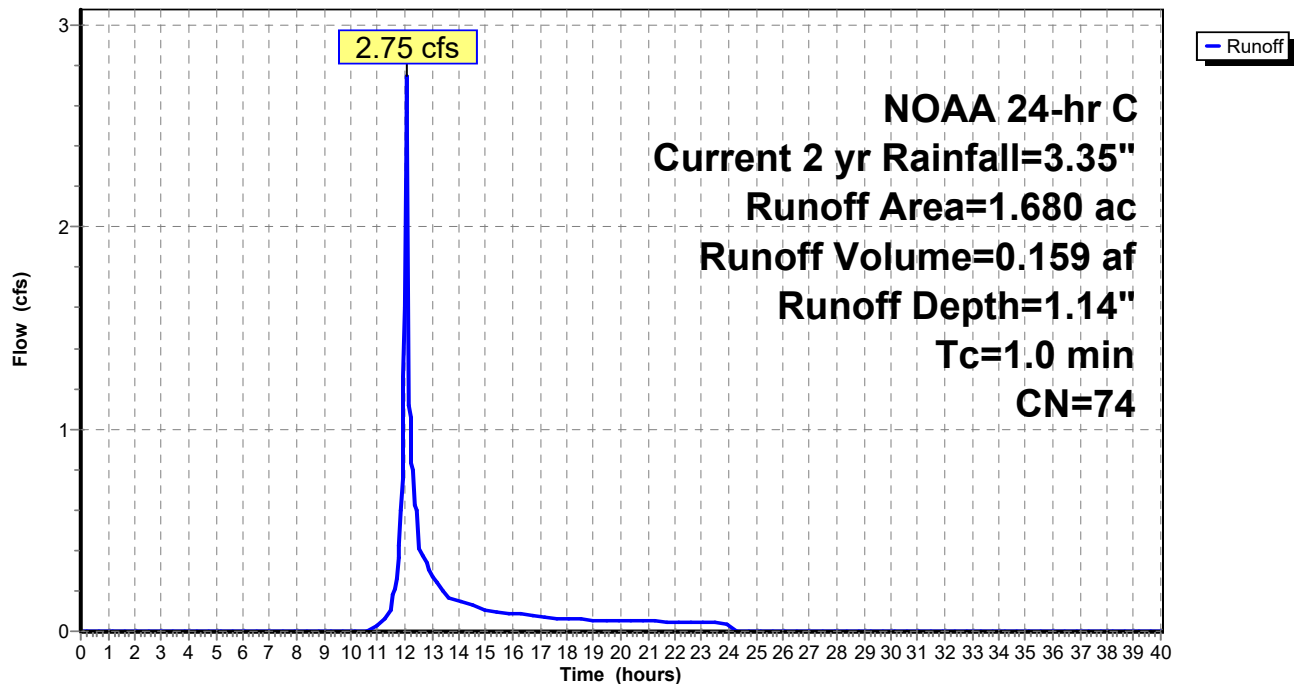
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.680	74	>75% Grass cover, Good, HSG C
1.680		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 41P: PDA-41 (pervious)

Hydrograph



Hydrograph for Subcatchment 41P: PDA-41 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.28
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.26
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.25
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.24
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.24
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.22
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.22
10.75	0.74	0.00	0.01	13.35	2.63	0.68	0.21
10.80	0.75	0.00	0.01	13.40	2.64	0.69	0.20
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.19
10.90	0.78	0.00	0.02	13.50	2.66	0.70	0.18
10.95	0.79	0.00	0.02	13.55	2.67	0.70	0.17
11.00	0.80	0.00	0.02	13.60	2.68	0.71	0.17
11.05	0.82	0.00	0.03	13.65	2.68	0.71	0.16
11.10	0.83	0.00	0.04	13.70	2.69	0.72	0.16
11.15	0.85	0.01	0.04	13.75	2.70	0.72	0.16
11.20	0.87	0.01	0.05	13.80	2.71	0.73	0.16
11.25	0.89	0.01	0.06	13.85	2.72	0.73	0.16
11.30	0.91	0.01	0.07	13.90	2.72	0.74	0.16
11.35	0.93	0.01	0.08	13.95	2.73	0.74	0.15
11.40	0.95	0.02	0.09	14.00	2.74	0.75	0.15
11.45	0.97	0.02	0.10	14.05	2.75	0.75	0.15
11.50	0.99	0.02	0.12	14.10	2.75	0.76	0.15
11.55	1.02	0.03	0.18	14.15	2.76	0.76	0.14
11.60	1.06	0.03	0.20	14.20	2.77	0.76	0.14
11.65	1.09	0.04	0.22	14.25	2.77	0.77	0.14
11.70	1.13	0.05	0.26	14.30	2.78	0.77	0.14
11.75	1.18	0.06	0.36	14.35	2.79	0.78	0.13
11.80	1.23	0.07	0.43	14.40	2.79	0.78	0.13
11.85	1.29	0.09	0.60	14.45	2.80	0.78	0.13
11.90	1.36	0.10	0.75	14.50	2.81	0.79	0.13
11.95	1.48	0.14	1.25	14.55	2.81	0.79	0.12
12.00	1.60	0.18	1.61	14.60	2.82	0.80	0.12
12.05	1.79	0.26	2.65	14.65	2.82	0.80	0.12
12.10	1.99	0.34	2.56	14.70	2.83	0.80	0.12
12.15	2.06	0.38	1.12	14.75	2.84	0.81	0.11
12.20	2.12	0.41	1.06	14.80	2.84	0.81	0.11
12.25	2.17	0.43	0.83	14.85	2.85	0.81	0.11
12.30	2.22	0.46	0.80	14.90	2.85	0.82	0.11
12.35	2.26	0.48	0.63	14.95	2.86	0.82	0.10
12.40	2.29	0.50	0.63	15.00	2.86	0.82	0.10
12.45	2.33	0.51	0.61	15.05	2.87	0.82	0.10
12.50	2.36	0.53	0.57	15.10	2.87	0.83	0.10
12.55	2.38	0.54	0.40	15.15	2.87	0.83	0.10
12.60	2.40	0.55	0.40	15.20	2.88	0.83	0.10
12.65	2.42	0.57	0.38	15.25	2.88	0.84	0.10
12.70	2.44	0.58	0.38	15.30	2.89	0.84	0.10
12.75	2.46	0.59	0.35	15.35	2.89	0.84	0.09
12.80	2.48	0.60	0.35	15.40	2.90	0.84	0.09
12.85	2.50	0.61	0.32	15.45	2.90	0.85	0.09
12.90	2.52	0.62	0.32	15.50	2.91	0.85	0.09
12.95	2.53	0.63	0.29	15.55	2.91	0.85	0.09

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.09	18.20	3.10	0.97	0.06
15.65	2.92	0.86	0.09	18.25	3.10	0.97	0.06
15.70	2.92	0.86	0.09	18.30	3.10	0.97	0.06
15.75	2.93	0.86	0.09	18.35	3.10	0.97	0.06
15.80	2.93	0.87	0.09	18.40	3.11	0.98	0.06
15.85	2.94	0.87	0.09	18.45	3.11	0.98	0.06
15.90	2.94	0.87	0.09	18.50	3.11	0.98	0.06
15.95	2.94	0.87	0.09	18.55	3.11	0.98	0.06
16.00	2.95	0.88	0.09	18.60	3.12	0.98	0.06
16.05	2.95	0.88	0.09	18.65	3.12	0.98	0.06
16.10	2.96	0.88	0.09	18.70	3.12	0.99	0.06
16.15	2.96	0.88	0.08	18.75	3.12	0.99	0.06
16.20	2.96	0.89	0.08	18.80	3.13	0.99	0.06
16.25	2.97	0.89	0.08	18.85	3.13	0.99	0.06
16.30	2.97	0.89	0.08	18.90	3.13	0.99	0.06
16.35	2.98	0.89	0.08	18.95	3.13	0.99	0.06
16.40	2.98	0.90	0.08	19.00	3.14	1.00	0.06
16.45	2.98	0.90	0.08	19.05	3.14	1.00	0.06
16.50	2.99	0.90	0.08	19.10	3.14	1.00	0.06
16.55	2.99	0.90	0.08	19.15	3.14	1.00	0.06
16.60	3.00	0.91	0.08	19.20	3.15	1.00	0.06
16.65	3.00	0.91	0.08	19.25	3.15	1.00	0.06
16.70	3.00	0.91	0.08	19.30	3.15	1.01	0.06
16.75	3.01	0.91	0.08	19.35	3.15	1.01	0.05
16.80	3.01	0.91	0.08	19.40	3.16	1.01	0.05
16.85	3.01	0.92	0.08	19.45	3.16	1.01	0.05
16.90	3.02	0.92	0.08	19.50	3.16	1.01	0.05
16.95	3.02	0.92	0.07	19.55	3.16	1.01	0.05
17.00	3.02	0.92	0.07	19.60	3.17	1.02	0.05
17.05	3.03	0.93	0.07	19.65	3.17	1.02	0.05
17.10	3.03	0.93	0.07	19.70	3.17	1.02	0.05
17.15	3.03	0.93	0.07	19.75	3.17	1.02	0.05
17.20	3.04	0.93	0.07	19.80	3.18	1.02	0.05
17.25	3.04	0.93	0.07	19.85	3.18	1.02	0.05
17.30	3.04	0.94	0.07	19.90	3.18	1.03	0.05
17.35	3.05	0.94	0.07	19.95	3.18	1.03	0.05
17.40	3.05	0.94	0.07	20.00	3.19	1.03	0.05
17.45	3.05	0.94	0.07	20.05	3.19	1.03	0.05
17.50	3.06	0.94	0.07	20.10	3.19	1.03	0.05
17.55	3.06	0.95	0.07	20.15	3.19	1.03	0.05
17.60	3.06	0.95	0.07	20.20	3.20	1.03	0.05
17.65	3.06	0.95	0.06	20.25	3.20	1.04	0.05
17.70	3.07	0.95	0.06	20.30	3.20	1.04	0.05
17.75	3.07	0.95	0.06	20.35	3.20	1.04	0.05
17.80	3.07	0.96	0.06	20.40	3.20	1.04	0.05
17.85	3.08	0.96	0.06	20.45	3.21	1.04	0.05
17.90	3.08	0.96	0.06	20.50	3.21	1.04	0.05
17.95	3.08	0.96	0.06	20.55	3.21	1.05	0.05
18.00	3.08	0.96	0.06	20.60	3.21	1.05	0.05
18.05	3.09	0.96	0.06	20.65	3.22	1.05	0.05
18.10	3.09	0.97	0.06	20.70	3.22	1.05	0.05
18.15	3.09	0.97	0.06	20.75	3.22	1.05	0.05

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.05	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.05	23.45	3.33	1.12	0.04
20.90	3.23	1.06	0.05	23.50	3.33	1.13	0.04
20.95	3.23	1.06	0.05	23.55	3.33	1.13	0.04
21.00	3.23	1.06	0.05	23.60	3.34	1.13	0.04
21.05	3.23	1.06	0.05	23.65	3.34	1.13	0.04
21.10	3.24	1.06	0.05	23.70	3.34	1.13	0.04
21.15	3.24	1.06	0.05	23.75	3.34	1.13	0.04
21.20	3.24	1.06	0.05	23.80	3.34	1.13	0.04
21.25	3.24	1.07	0.05	23.85	3.34	1.13	0.04
21.30	3.24	1.07	0.05	23.90	3.35	1.13	0.04
21.35	3.25	1.07	0.05	23.95	3.35	1.14	0.05
21.40	3.25	1.07	0.05	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.05	24.05	3.35	1.14	0.00
21.50	3.25	1.07	0.05	24.10	3.35	1.14	0.00
21.55	3.26	1.07	0.05	24.15	3.35	1.14	0.00
21.60	3.26	1.08	0.05	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.05	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.05	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.05	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.05	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.05	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.05	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.05	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.05	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.05	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.05	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.05	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.05	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.05	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.05	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.04	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.04	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.04	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 42I: PDA-42 (impervious)

Runoff = 1.16 cfs @ 12.07 hrs, Volume= 0.077 af, Depth= 3.12"
 Routed to Pond B-42 : Basin #42

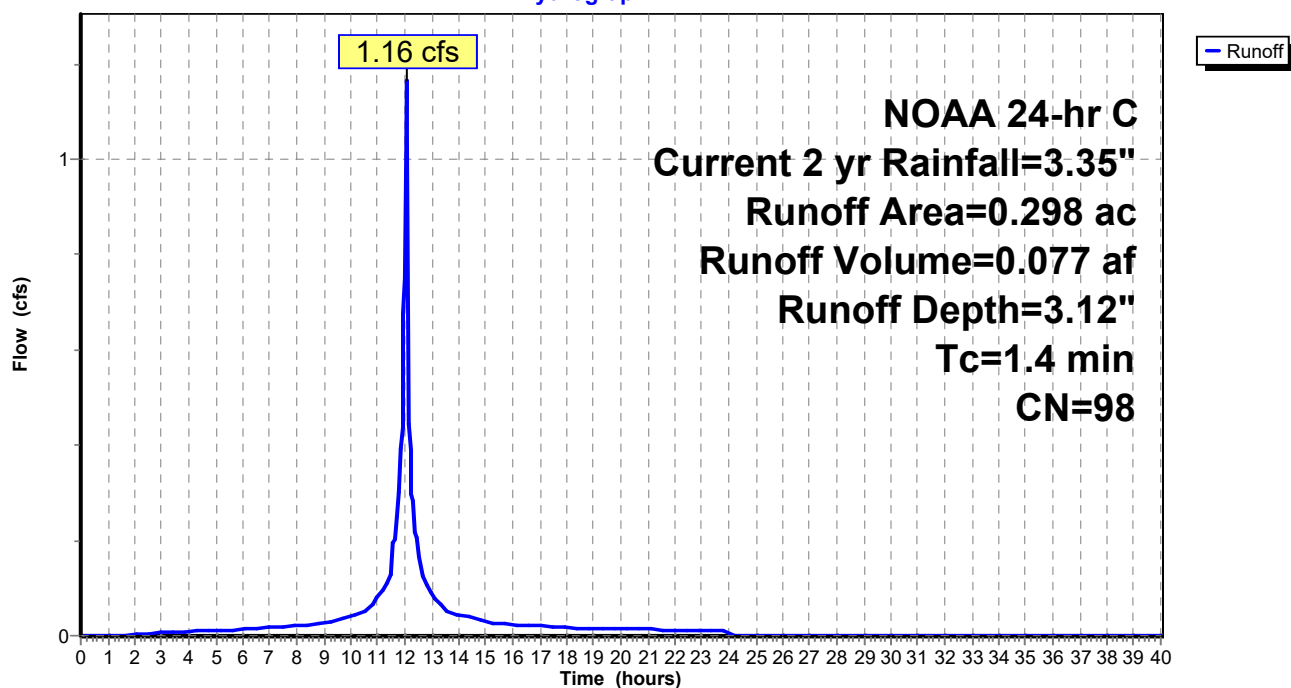
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.298	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.298	98	Weighted Average
0.298		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42I: PDA-42 (impervious)

Hydrograph



Hydrograph for Subcatchment 42I: PDA-42 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.01
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.01
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.01
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.01
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.01
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.01
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.01
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.01
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.01
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.01
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.01
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.01
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.01
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.01
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.01
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.01
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.01
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.01
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.01
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.01
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.01
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.01
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.01
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.01
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.01
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.01
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.01
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.01
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.01
1.60	0.06	0.00	0.00	4.20	0.17	0.05	0.01
1.65	0.06	0.00	0.00	4.25	0.18	0.05	0.01
1.70	0.06	0.00	0.00	4.30	0.18	0.06	0.01
1.75	0.07	0.00	0.00	4.35	0.18	0.06	0.01
1.80	0.07	0.00	0.00	4.40	0.18	0.06	0.01
1.85	0.07	0.00	0.00	4.45	0.19	0.06	0.01
1.90	0.07	0.00	0.00	4.50	0.19	0.06	0.01
1.95	0.07	0.00	0.00	4.55	0.19	0.06	0.01
2.00	0.08	0.01	0.00	4.60	0.19	0.07	0.01
2.05	0.08	0.01	0.00	4.65	0.20	0.07	0.01
2.10	0.08	0.01	0.00	4.70	0.20	0.07	0.01
2.15	0.08	0.01	0.00	4.75	0.20	0.07	0.01
2.20	0.08	0.01	0.00	4.80	0.20	0.07	0.01
2.25	0.09	0.01	0.00	4.85	0.21	0.07	0.01
2.30	0.09	0.01	0.00	4.90	0.21	0.08	0.01
2.35	0.09	0.01	0.00	4.95	0.21	0.08	0.01
2.40	0.09	0.01	0.00	5.00	0.21	0.08	0.01
2.45	0.09	0.01	0.00	5.05	0.22	0.08	0.01
2.50	0.10	0.01	0.00	5.10	0.22	0.08	0.01
2.55	0.10	0.01	0.00	5.15	0.22	0.08	0.01

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.01	7.80	0.39	0.22	0.02
5.25	0.23	0.09	0.01	7.85	0.39	0.22	0.02
5.30	0.23	0.09	0.01	7.90	0.39	0.22	0.02
5.35	0.23	0.09	0.01	7.95	0.40	0.23	0.02
5.40	0.23	0.09	0.01	8.00	0.40	0.23	0.02
5.45	0.24	0.10	0.01	8.05	0.41	0.23	0.02
5.50	0.24	0.10	0.01	8.10	0.41	0.24	0.02
5.55	0.24	0.10	0.01	8.15	0.41	0.24	0.02
5.60	0.24	0.10	0.01	8.20	0.42	0.24	0.02
5.65	0.25	0.10	0.01	8.25	0.42	0.25	0.02
5.70	0.25	0.11	0.01	8.30	0.43	0.25	0.02
5.75	0.25	0.11	0.01	8.35	0.43	0.26	0.02
5.80	0.25	0.11	0.01	8.40	0.43	0.26	0.02
5.85	0.26	0.11	0.01	8.45	0.44	0.26	0.02
5.90	0.26	0.11	0.01	8.50	0.44	0.27	0.02
5.95	0.26	0.12	0.01	8.55	0.45	0.27	0.02
6.00	0.27	0.12	0.01	8.60	0.45	0.28	0.02
6.05	0.27	0.12	0.01	8.65	0.46	0.28	0.02
6.10	0.27	0.12	0.01	8.70	0.46	0.28	0.02
6.15	0.27	0.12	0.01	8.75	0.47	0.29	0.02
6.20	0.28	0.13	0.01	8.80	0.47	0.29	0.02
6.25	0.28	0.13	0.01	8.85	0.48	0.30	0.02
6.30	0.28	0.13	0.01	8.90	0.48	0.30	0.03
6.35	0.29	0.13	0.01	8.95	0.48	0.30	0.03
6.40	0.29	0.14	0.01	9.00	0.49	0.31	0.03
6.45	0.29	0.14	0.01	9.05	0.49	0.31	0.03
6.50	0.29	0.14	0.01	9.10	0.50	0.32	0.03
6.55	0.30	0.14	0.01	9.15	0.50	0.32	0.03
6.60	0.30	0.15	0.02	9.20	0.51	0.33	0.03
6.65	0.30	0.15	0.02	9.25	0.51	0.33	0.03
6.70	0.31	0.15	0.02	9.30	0.52	0.34	0.03
6.75	0.31	0.15	0.02	9.35	0.53	0.34	0.03
6.80	0.31	0.16	0.02	9.40	0.53	0.35	0.03
6.85	0.32	0.16	0.02	9.45	0.54	0.35	0.03
6.90	0.32	0.16	0.02	9.50	0.54	0.36	0.03
6.95	0.32	0.16	0.02	9.55	0.55	0.36	0.03
7.00	0.33	0.17	0.02	9.60	0.56	0.37	0.03
7.05	0.33	0.17	0.02	9.65	0.56	0.38	0.04
7.10	0.33	0.17	0.02	9.70	0.57	0.38	0.04
7.15	0.34	0.18	0.02	9.75	0.58	0.39	0.04
7.20	0.34	0.18	0.02	9.80	0.58	0.39	0.04
7.25	0.34	0.18	0.02	9.85	0.59	0.40	0.04
7.30	0.35	0.18	0.02	9.90	0.60	0.41	0.04
7.35	0.35	0.19	0.02	9.95	0.60	0.41	0.04
7.40	0.35	0.19	0.02	10.00	0.61	0.42	0.04
7.45	0.36	0.19	0.02	10.05	0.62	0.43	0.04
7.50	0.36	0.20	0.02	10.10	0.63	0.43	0.04
7.55	0.37	0.20	0.02	10.15	0.63	0.44	0.04
7.60	0.37	0.20	0.02	10.20	0.64	0.45	0.04
7.65	0.37	0.21	0.02	10.25	0.65	0.46	0.04
7.70	0.38	0.21	0.02	10.30	0.66	0.46	0.05
7.75	0.38	0.21	0.02	10.35	0.67	0.47	0.05

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.05	13.00	2.55	2.32	0.09
10.45	0.68	0.49	0.05	13.05	2.56	2.33	0.08
10.50	0.69	0.49	0.05	13.10	2.57	2.34	0.08
10.55	0.70	0.50	0.05	13.15	2.58	2.36	0.07
10.60	0.71	0.51	0.05	13.20	2.60	2.37	0.07
10.65	0.72	0.52	0.06	13.25	2.61	2.38	0.07
10.70	0.73	0.53	0.06	13.30	2.62	2.39	0.07
10.75	0.74	0.54	0.06	13.35	2.63	2.40	0.06
10.80	0.75	0.55	0.07	13.40	2.64	2.41	0.06
10.85	0.77	0.57	0.07	13.45	2.65	2.42	0.06
10.90	0.78	0.58	0.07	13.50	2.66	2.43	0.06
10.95	0.79	0.59	0.08	13.55	2.67	2.44	0.05
11.00	0.80	0.60	0.08	13.60	2.68	2.45	0.05
11.05	0.82	0.62	0.09	13.65	2.68	2.45	0.05
11.10	0.83	0.63	0.09	13.70	2.69	2.46	0.05
11.15	0.85	0.65	0.10	13.75	2.70	2.47	0.05
11.20	0.87	0.66	0.10	13.80	2.71	2.48	0.05
11.25	0.89	0.68	0.11	13.85	2.72	2.49	0.05
11.30	0.91	0.70	0.11	13.90	2.72	2.49	0.05
11.35	0.93	0.72	0.12	13.95	2.73	2.50	0.04
11.40	0.95	0.74	0.12	14.00	2.74	2.51	0.04
11.45	0.97	0.76	0.13	14.05	2.75	2.52	0.04
11.50	0.99	0.78	0.14	14.10	2.75	2.52	0.04
11.55	1.02	0.81	0.19	14.15	2.76	2.53	0.04
11.60	1.06	0.85	0.20	14.20	2.77	2.54	0.04
11.65	1.09	0.88	0.21	14.25	2.77	2.54	0.04
11.70	1.13	0.92	0.22	14.30	2.78	2.55	0.04
11.75	1.18	0.96	0.28	14.35	2.79	2.56	0.04
11.80	1.23	1.01	0.30	14.40	2.79	2.56	0.04
11.85	1.29	1.08	0.39	14.45	2.80	2.57	0.04
11.90	1.36	1.14	0.44	14.50	2.81	2.58	0.04
11.95	1.48	1.26	0.68	14.55	2.81	2.58	0.04
12.00	1.60	1.38	0.75	14.60	2.82	2.59	0.04
12.05	1.79	1.57	1.14	14.65	2.82	2.59	0.03
12.10	1.99	1.76	1.07	14.70	2.83	2.60	0.03
12.15	2.06	1.83	0.45	14.75	2.84	2.60	0.03
12.20	2.12	1.90	0.39	14.80	2.84	2.61	0.03
12.25	2.17	1.95	0.30	14.85	2.85	2.61	0.03
12.30	2.22	1.99	0.28	14.90	2.85	2.62	0.03
12.35	2.26	2.03	0.22	14.95	2.86	2.62	0.03
12.40	2.29	2.06	0.21	15.00	2.86	2.63	0.03
12.45	2.33	2.10	0.20	15.05	2.87	2.63	0.03
12.50	2.36	2.13	0.19	15.10	2.87	2.64	0.03
12.55	2.38	2.15	0.13	15.15	2.87	2.64	0.03
12.60	2.40	2.18	0.13	15.20	2.88	2.65	0.03
12.65	2.42	2.20	0.12	15.25	2.88	2.65	0.03
12.70	2.44	2.22	0.12	15.30	2.89	2.66	0.03
12.75	2.46	2.23	0.11	15.35	2.89	2.66	0.03
12.80	2.48	2.25	0.11	15.40	2.90	2.67	0.03
12.85	2.50	2.27	0.10	15.45	2.90	2.67	0.03
12.90	2.52	2.29	0.10	15.50	2.91	2.68	0.03
12.95	2.53	2.30	0.09	15.55	2.91	2.68	0.03

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.03	18.20	3.10	2.86	0.02
15.65	2.92	2.69	0.03	18.25	3.10	2.87	0.02
15.70	2.92	2.69	0.03	18.30	3.10	2.87	0.02
15.75	2.93	2.70	0.03	18.35	3.10	2.87	0.02
15.80	2.93	2.70	0.03	18.40	3.11	2.87	0.02
15.85	2.94	2.70	0.02	18.45	3.11	2.88	0.02
15.90	2.94	2.71	0.02	18.50	3.11	2.88	0.02
15.95	2.94	2.71	0.02	18.55	3.11	2.88	0.02
16.00	2.95	2.72	0.02	18.60	3.12	2.88	0.02
16.05	2.95	2.72	0.02	18.65	3.12	2.89	0.02
16.10	2.96	2.73	0.02	18.70	3.12	2.89	0.02
16.15	2.96	2.73	0.02	18.75	3.12	2.89	0.02
16.20	2.96	2.73	0.02	18.80	3.13	2.89	0.02
16.25	2.97	2.74	0.02	18.85	3.13	2.90	0.02
16.30	2.97	2.74	0.02	18.90	3.13	2.90	0.02
16.35	2.98	2.74	0.02	18.95	3.13	2.90	0.02
16.40	2.98	2.75	0.02	19.00	3.14	2.90	0.02
16.45	2.98	2.75	0.02	19.05	3.14	2.91	0.02
16.50	2.99	2.76	0.02	19.10	3.14	2.91	0.02
16.55	2.99	2.76	0.02	19.15	3.14	2.91	0.02
16.60	3.00	2.76	0.02	19.20	3.15	2.91	0.02
16.65	3.00	2.77	0.02	19.25	3.15	2.92	0.01
16.70	3.00	2.77	0.02	19.30	3.15	2.92	0.01
16.75	3.01	2.77	0.02	19.35	3.15	2.92	0.01
16.80	3.01	2.78	0.02	19.40	3.16	2.92	0.01
16.85	3.01	2.78	0.02	19.45	3.16	2.93	0.01
16.90	3.02	2.78	0.02	19.50	3.16	2.93	0.01
16.95	3.02	2.79	0.02	19.55	3.16	2.93	0.01
17.00	3.02	2.79	0.02	19.60	3.17	2.93	0.01
17.05	3.03	2.79	0.02	19.65	3.17	2.94	0.01
17.10	3.03	2.80	0.02	19.70	3.17	2.94	0.01
17.15	3.03	2.80	0.02	19.75	3.17	2.94	0.01
17.20	3.04	2.80	0.02	19.80	3.18	2.94	0.01
17.25	3.04	2.81	0.02	19.85	3.18	2.95	0.01
17.30	3.04	2.81	0.02	19.90	3.18	2.95	0.01
17.35	3.05	2.81	0.02	19.95	3.18	2.95	0.01
17.40	3.05	2.82	0.02	20.00	3.19	2.95	0.01
17.45	3.05	2.82	0.02	20.05	3.19	2.96	0.01
17.50	3.06	2.82	0.02	20.10	3.19	2.96	0.01
17.55	3.06	2.83	0.02	20.15	3.19	2.96	0.01
17.60	3.06	2.83	0.02	20.20	3.20	2.96	0.01
17.65	3.06	2.83	0.02	20.25	3.20	2.97	0.01
17.70	3.07	2.84	0.02	20.30	3.20	2.97	0.01
17.75	3.07	2.84	0.02	20.35	3.20	2.97	0.01
17.80	3.07	2.84	0.02	20.40	3.20	2.97	0.01
17.85	3.08	2.84	0.02	20.45	3.21	2.97	0.01
17.90	3.08	2.85	0.02	20.50	3.21	2.98	0.01
17.95	3.08	2.85	0.02	20.55	3.21	2.98	0.01
18.00	3.08	2.85	0.02	20.60	3.21	2.98	0.01
18.05	3.09	2.86	0.02	20.65	3.22	2.98	0.01
18.10	3.09	2.86	0.02	20.70	3.22	2.99	0.01
18.15	3.09	2.86	0.02	20.75	3.22	2.99	0.01

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.01	23.40	3.33	3.10	0.01
20.85	3.23	2.99	0.01	23.45	3.33	3.10	0.01
20.90	3.23	2.99	0.01	23.50	3.33	3.10	0.01
20.95	3.23	3.00	0.01	23.55	3.33	3.10	0.01
21.00	3.23	3.00	0.01	23.60	3.34	3.10	0.01
21.05	3.23	3.00	0.01	23.65	3.34	3.10	0.01
21.10	3.24	3.00	0.01	23.70	3.34	3.11	0.01
21.15	3.24	3.01	0.01	23.75	3.34	3.11	0.01
21.20	3.24	3.01	0.01	23.80	3.34	3.11	0.01
21.25	3.24	3.01	0.01	23.85	3.34	3.11	0.01
21.30	3.24	3.01	0.01	23.90	3.35	3.11	0.01
21.35	3.25	3.01	0.01	23.95	3.35	3.11	0.01
21.40	3.25	3.02	0.01	24.00	3.35	3.12	0.01
21.45	3.25	3.02	0.01	24.05	3.35	3.12	0.00
21.50	3.25	3.02	0.01	24.10	3.35	3.12	0.00
21.55	3.26	3.02	0.01	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.01	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.01	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.01	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.01	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.01	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.01	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.01	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.01	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.01	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.01	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.01	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.01	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.01	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.01	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.01	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.01	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.01	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.01	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.01	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.01	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.01	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.01	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.01	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.01	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.01	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.01	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.01	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.01	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.01	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.01	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.01	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.01	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.01	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.01	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.01	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.01	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 42P: PDA-42 (pervious)

Runoff = 0.81 cfs @ 12.08 hrs, Volume= 0.045 af, Depth= 1.14"
 Routed to Pond B-42 : Basin #42

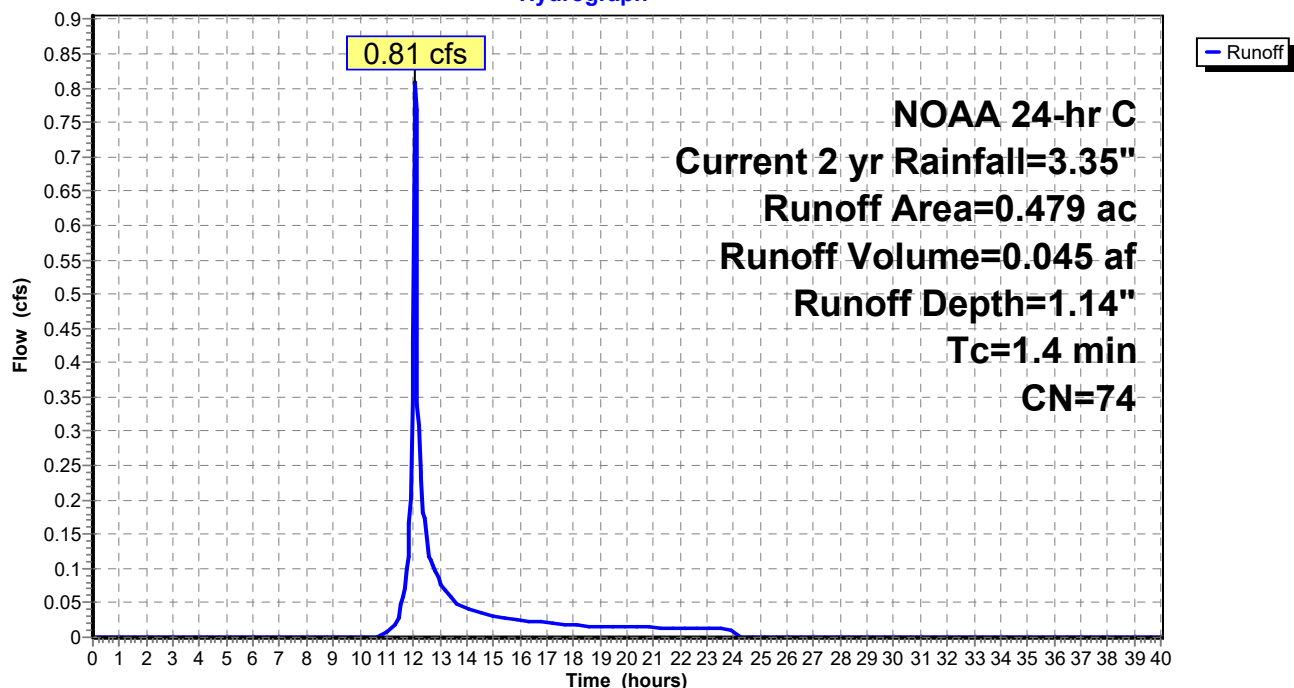
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.479	74	>75% Grass cover, Good, HSG C
0.479		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42P: PDA-42 (pervious)

Hydrograph



Hydrograph for Subcatchment 42P: PDA-42 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.08
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.07
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.07
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.07
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.07
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.06
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.06
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.06
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.06
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.05
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.05
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.05
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.05
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.05
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.05
11.15	0.85	0.01	0.01	13.75	2.70	0.72	0.05
11.20	0.87	0.01	0.01	13.80	2.71	0.73	0.05
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.04
11.30	0.91	0.01	0.02	13.90	2.72	0.74	0.04
11.35	0.93	0.01	0.02	13.95	2.73	0.74	0.04
11.40	0.95	0.02	0.02	14.00	2.74	0.75	0.04
11.45	0.97	0.02	0.03	14.05	2.75	0.75	0.04
11.50	0.99	0.02	0.03	14.10	2.75	0.76	0.04
11.55	1.02	0.03	0.05	14.15	2.76	0.76	0.04
11.60	1.06	0.03	0.06	14.20	2.77	0.76	0.04
11.65	1.09	0.04	0.06	14.25	2.77	0.77	0.04
11.70	1.13	0.05	0.07	14.30	2.78	0.77	0.04
11.75	1.18	0.06	0.10	14.35	2.79	0.78	0.04
11.80	1.23	0.07	0.12	14.40	2.79	0.78	0.04
11.85	1.29	0.09	0.17	14.45	2.80	0.78	0.04
11.90	1.36	0.10	0.20	14.50	2.81	0.79	0.04
11.95	1.48	0.14	0.35	14.55	2.81	0.79	0.04
12.00	1.60	0.18	0.43	14.60	2.82	0.80	0.03
12.05	1.79	0.26	0.73	14.65	2.82	0.80	0.03
12.10	1.99	0.34	0.77	14.70	2.83	0.80	0.03
12.15	2.06	0.38	0.34	14.75	2.84	0.81	0.03
12.20	2.12	0.41	0.31	14.80	2.84	0.81	0.03
12.25	2.17	0.43	0.24	14.85	2.85	0.81	0.03
12.30	2.22	0.46	0.23	14.90	2.85	0.82	0.03
12.35	2.26	0.48	0.18	14.95	2.86	0.82	0.03
12.40	2.29	0.50	0.18	15.00	2.86	0.82	0.03
12.45	2.33	0.51	0.17	15.05	2.87	0.82	0.03
12.50	2.36	0.53	0.17	15.10	2.87	0.83	0.03
12.55	2.38	0.54	0.12	15.15	2.87	0.83	0.03
12.60	2.40	0.55	0.11	15.20	2.88	0.83	0.03
12.65	2.42	0.57	0.11	15.25	2.88	0.84	0.03
12.70	2.44	0.58	0.11	15.30	2.89	0.84	0.03
12.75	2.46	0.59	0.10	15.35	2.89	0.84	0.03
12.80	2.48	0.60	0.10	15.40	2.90	0.84	0.03
12.85	2.50	0.61	0.09	15.45	2.90	0.85	0.03
12.90	2.52	0.62	0.09	15.50	2.91	0.85	0.03
12.95	2.53	0.63	0.08	15.55	2.91	0.85	0.03

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.03	18.20	3.10	0.97	0.02
15.65	2.92	0.86	0.03	18.25	3.10	0.97	0.02
15.70	2.92	0.86	0.03	18.30	3.10	0.97	0.02
15.75	2.93	0.86	0.03	18.35	3.10	0.97	0.02
15.80	2.93	0.87	0.03	18.40	3.11	0.98	0.02
15.85	2.94	0.87	0.03	18.45	3.11	0.98	0.02
15.90	2.94	0.87	0.03	18.50	3.11	0.98	0.02
15.95	2.94	0.87	0.02	18.55	3.11	0.98	0.02
16.00	2.95	0.88	0.02	18.60	3.12	0.98	0.02
16.05	2.95	0.88	0.02	18.65	3.12	0.98	0.02
16.10	2.96	0.88	0.02	18.70	3.12	0.99	0.02
16.15	2.96	0.88	0.02	18.75	3.12	0.99	0.02
16.20	2.96	0.89	0.02	18.80	3.13	0.99	0.02
16.25	2.97	0.89	0.02	18.85	3.13	0.99	0.02
16.30	2.97	0.89	0.02	18.90	3.13	0.99	0.02
16.35	2.98	0.89	0.02	18.95	3.13	0.99	0.02
16.40	2.98	0.90	0.02	19.00	3.14	1.00	0.02
16.45	2.98	0.90	0.02	19.05	3.14	1.00	0.02
16.50	2.99	0.90	0.02	19.10	3.14	1.00	0.02
16.55	2.99	0.90	0.02	19.15	3.14	1.00	0.02
16.60	3.00	0.91	0.02	19.20	3.15	1.00	0.02
16.65	3.00	0.91	0.02	19.25	3.15	1.00	0.02
16.70	3.00	0.91	0.02	19.30	3.15	1.01	0.02
16.75	3.01	0.91	0.02	19.35	3.15	1.01	0.02
16.80	3.01	0.91	0.02	19.40	3.16	1.01	0.02
16.85	3.01	0.92	0.02	19.45	3.16	1.01	0.02
16.90	3.02	0.92	0.02	19.50	3.16	1.01	0.02
16.95	3.02	0.92	0.02	19.55	3.16	1.01	0.02
17.00	3.02	0.92	0.02	19.60	3.17	1.02	0.02
17.05	3.03	0.93	0.02	19.65	3.17	1.02	0.02
17.10	3.03	0.93	0.02	19.70	3.17	1.02	0.02
17.15	3.03	0.93	0.02	19.75	3.17	1.02	0.02
17.20	3.04	0.93	0.02	19.80	3.18	1.02	0.02
17.25	3.04	0.93	0.02	19.85	3.18	1.02	0.02
17.30	3.04	0.94	0.02	19.90	3.18	1.03	0.02
17.35	3.05	0.94	0.02	19.95	3.18	1.03	0.02
17.40	3.05	0.94	0.02	20.00	3.19	1.03	0.02
17.45	3.05	0.94	0.02	20.05	3.19	1.03	0.01
17.50	3.06	0.94	0.02	20.10	3.19	1.03	0.01
17.55	3.06	0.95	0.02	20.15	3.19	1.03	0.01
17.60	3.06	0.95	0.02	20.20	3.20	1.03	0.01
17.65	3.06	0.95	0.02	20.25	3.20	1.04	0.01
17.70	3.07	0.95	0.02	20.30	3.20	1.04	0.01
17.75	3.07	0.95	0.02	20.35	3.20	1.04	0.01
17.80	3.07	0.96	0.02	20.40	3.20	1.04	0.01
17.85	3.08	0.96	0.02	20.45	3.21	1.04	0.01
17.90	3.08	0.96	0.02	20.50	3.21	1.04	0.01
17.95	3.08	0.96	0.02	20.55	3.21	1.05	0.01
18.00	3.08	0.96	0.02	20.60	3.21	1.05	0.01
18.05	3.09	0.96	0.02	20.65	3.22	1.05	0.01
18.10	3.09	0.97	0.02	20.70	3.22	1.05	0.01
18.15	3.09	0.97	0.02	20.75	3.22	1.05	0.01

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.01	23.40	3.33	1.12	0.01
20.85	3.23	1.05	0.01	23.45	3.33	1.12	0.01
20.90	3.23	1.06	0.01	23.50	3.33	1.13	0.01
20.95	3.23	1.06	0.01	23.55	3.33	1.13	0.01
21.00	3.23	1.06	0.01	23.60	3.34	1.13	0.01
21.05	3.23	1.06	0.01	23.65	3.34	1.13	0.01
21.10	3.24	1.06	0.01	23.70	3.34	1.13	0.01
21.15	3.24	1.06	0.01	23.75	3.34	1.13	0.01
21.20	3.24	1.06	0.01	23.80	3.34	1.13	0.01
21.25	3.24	1.07	0.01	23.85	3.34	1.13	0.01
21.30	3.24	1.07	0.01	23.90	3.35	1.13	0.01
21.35	3.25	1.07	0.01	23.95	3.35	1.14	0.01
21.40	3.25	1.07	0.01	24.00	3.35	1.14	0.01
21.45	3.25	1.07	0.01	24.05	3.35	1.14	0.00
21.50	3.25	1.07	0.01	24.10	3.35	1.14	0.00
21.55	3.26	1.07	0.01	24.15	3.35	1.14	0.00
21.60	3.26	1.08	0.01	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.01	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.01	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.01	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.01	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.01	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.01	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.01	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.01	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.01	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.01	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.01	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.01	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.01	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.01	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.01	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.01	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.01	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.01	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.01	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.01	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.01	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.01	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.01	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.01	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.01	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.01	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.01	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.01	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.01	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.01	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.01	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.01	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.01	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.01	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.01	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 43I: PDA-43 (impervious)

Runoff = 3.65 cfs @ 12.08 hrs, Volume= 0.239 af, Depth= 3.12"
 Routed to Pond B-43 : Basin #43

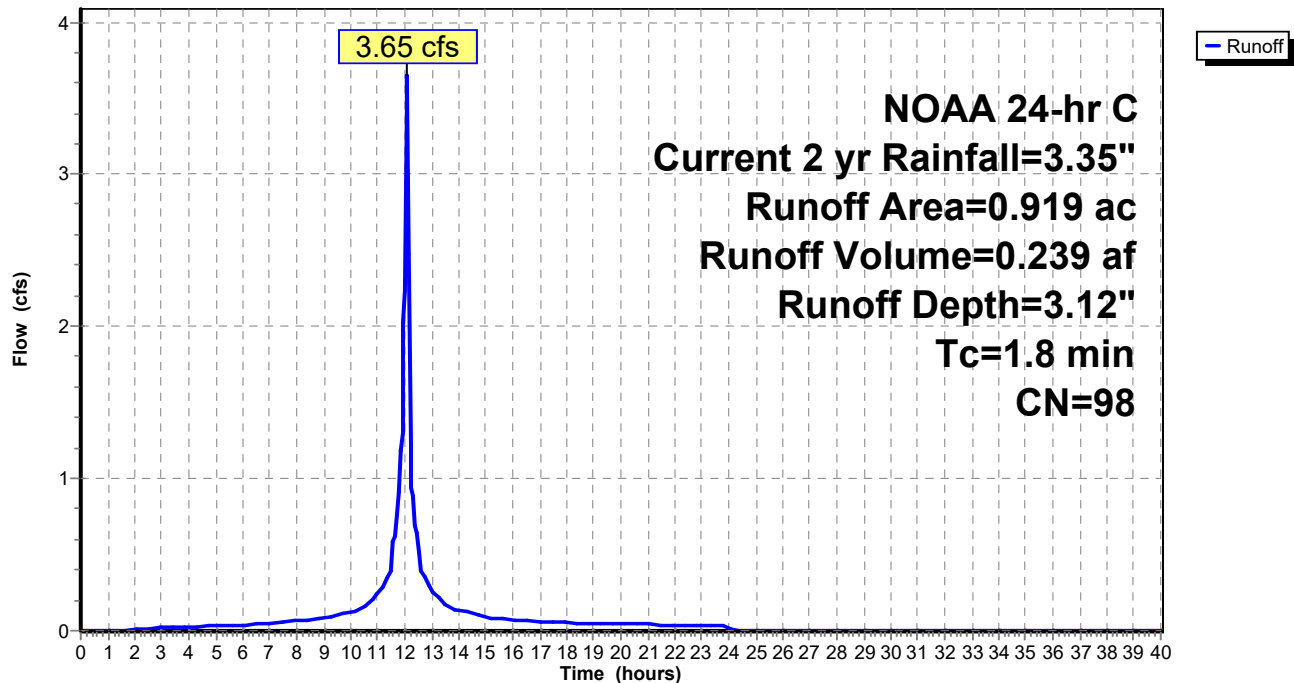
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.326	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.071	98	Concrete, HSC C
0.919	98	Weighted Average
0.919		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8					Direct Entry,

Subcatchment 43I: PDA-43 (impervious)

Hydrograph



Hydrograph for Subcatchment 43I: PDA-43 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.02
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.02
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.02
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.02
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.02
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.02
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.02
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.02
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.02
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.02
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.02
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.02
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.02
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.02
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.02
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.02
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.02
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.02
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.02
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.02
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.02
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.02
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.02
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.02
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.03
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.03
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.03
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.03
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.03
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.03
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.03
1.55	0.06	0.00	0.01	4.15	0.17	0.05	0.03
1.60	0.06	0.00	0.01	4.20	0.17	0.05	0.03
1.65	0.06	0.00	0.01	4.25	0.18	0.05	0.03
1.70	0.06	0.00	0.01	4.30	0.18	0.06	0.03
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.03
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.03
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.03
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.03
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.03
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.03
2.05	0.08	0.01	0.01	4.65	0.20	0.07	0.03
2.10	0.08	0.01	0.01	4.70	0.20	0.07	0.03
2.15	0.08	0.01	0.01	4.75	0.20	0.07	0.03
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.03
2.25	0.09	0.01	0.01	4.85	0.21	0.07	0.03
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.03
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.03
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.03
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.03
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.03
2.55	0.10	0.01	0.02	5.15	0.22	0.08	0.03

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.06
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.06
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.06
5.35	0.23	0.09	0.04	7.95	0.40	0.23	0.06
5.40	0.23	0.09	0.04	8.00	0.40	0.23	0.07
5.45	0.24	0.10	0.04	8.05	0.41	0.23	0.07
5.50	0.24	0.10	0.04	8.10	0.41	0.24	0.07
5.55	0.24	0.10	0.04	8.15	0.41	0.24	0.07
5.60	0.24	0.10	0.04	8.20	0.42	0.24	0.07
5.65	0.25	0.10	0.04	8.25	0.42	0.25	0.07
5.70	0.25	0.11	0.04	8.30	0.43	0.25	0.07
5.75	0.25	0.11	0.04	8.35	0.43	0.26	0.07
5.80	0.25	0.11	0.04	8.40	0.43	0.26	0.07
5.85	0.26	0.11	0.04	8.45	0.44	0.26	0.07
5.90	0.26	0.11	0.04	8.50	0.44	0.27	0.07
5.95	0.26	0.12	0.04	8.55	0.45	0.27	0.07
6.00	0.27	0.12	0.04	8.60	0.45	0.28	0.07
6.05	0.27	0.12	0.04	8.65	0.46	0.28	0.07
6.10	0.27	0.12	0.04	8.70	0.46	0.28	0.07
6.15	0.27	0.12	0.04	8.75	0.47	0.29	0.08
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.08
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.08
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.08
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.08
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.08
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.08
6.50	0.29	0.14	0.05	9.10	0.50	0.32	0.08
6.55	0.30	0.14	0.05	9.15	0.50	0.32	0.09
6.60	0.30	0.15	0.05	9.20	0.51	0.33	0.09
6.65	0.30	0.15	0.05	9.25	0.51	0.33	0.09
6.70	0.31	0.15	0.05	9.30	0.52	0.34	0.09
6.75	0.31	0.15	0.05	9.35	0.53	0.34	0.10
6.80	0.31	0.16	0.05	9.40	0.53	0.35	0.10
6.85	0.32	0.16	0.05	9.45	0.54	0.35	0.10
6.90	0.32	0.16	0.05	9.50	0.54	0.36	0.10
6.95	0.32	0.16	0.05	9.55	0.55	0.36	0.11
7.00	0.33	0.17	0.05	9.60	0.56	0.37	0.11
7.05	0.33	0.17	0.05	9.65	0.56	0.38	0.11
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.11
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.11
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.12
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.12
7.30	0.35	0.18	0.06	9.90	0.60	0.41	0.12
7.35	0.35	0.19	0.06	9.95	0.60	0.41	0.12
7.40	0.35	0.19	0.06	10.00	0.61	0.42	0.12
7.45	0.36	0.19	0.06	10.05	0.62	0.43	0.13
7.50	0.36	0.20	0.06	10.10	0.63	0.43	0.13
7.55	0.37	0.20	0.06	10.15	0.63	0.44	0.13
7.60	0.37	0.20	0.06	10.20	0.64	0.45	0.13
7.65	0.37	0.21	0.06	10.25	0.65	0.46	0.14
7.70	0.38	0.21	0.06	10.30	0.66	0.46	0.14
7.75	0.38	0.21	0.06	10.35	0.67	0.47	0.14

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.14	13.00	2.55	2.32	0.28
10.45	0.68	0.49	0.15	13.05	2.56	2.33	0.25
10.50	0.69	0.49	0.15	13.10	2.57	2.34	0.24
10.55	0.70	0.50	0.16	13.15	2.58	2.36	0.23
10.60	0.71	0.51	0.17	13.20	2.60	2.37	0.23
10.65	0.72	0.52	0.18	13.25	2.61	2.38	0.21
10.70	0.73	0.53	0.18	13.30	2.62	2.39	0.21
10.75	0.74	0.54	0.20	13.35	2.63	2.40	0.19
10.80	0.75	0.55	0.20	13.40	2.64	2.41	0.19
10.85	0.77	0.57	0.21	13.45	2.65	2.42	0.18
10.90	0.78	0.58	0.22	13.50	2.66	2.43	0.17
10.95	0.79	0.59	0.23	13.55	2.67	2.44	0.16
11.00	0.80	0.60	0.24	13.60	2.68	2.45	0.16
11.05	0.82	0.62	0.26	13.65	2.68	2.45	0.15
11.10	0.83	0.63	0.27	13.70	2.69	2.46	0.15
11.15	0.85	0.65	0.30	13.75	2.70	2.47	0.15
11.20	0.87	0.66	0.30	13.80	2.71	2.48	0.15
11.25	0.89	0.68	0.33	13.85	2.72	2.49	0.14
11.30	0.91	0.70	0.34	13.90	2.72	2.49	0.14
11.35	0.93	0.72	0.36	13.95	2.73	2.50	0.14
11.40	0.95	0.74	0.37	14.00	2.74	2.51	0.14
11.45	0.97	0.76	0.39	14.05	2.75	2.52	0.13
11.50	0.99	0.78	0.41	14.10	2.75	2.52	0.13
11.55	1.02	0.81	0.58	14.15	2.76	2.53	0.13
11.60	1.06	0.85	0.61	14.20	2.77	2.54	0.13
11.65	1.09	0.88	0.64	14.25	2.77	2.54	0.12
11.70	1.13	0.92	0.66	14.30	2.78	2.55	0.12
11.75	1.18	0.96	0.85	14.35	2.79	2.56	0.12
11.80	1.23	1.01	0.91	14.40	2.79	2.56	0.12
11.85	1.29	1.08	1.19	14.45	2.80	2.57	0.12
11.90	1.36	1.14	1.30	14.50	2.81	2.58	0.11
11.95	1.48	1.26	2.02	14.55	2.81	2.58	0.11
12.00	1.60	1.38	2.24	14.60	2.82	2.59	0.11
12.05	1.79	1.57	3.40	14.65	2.82	2.59	0.11
12.10	1.99	1.76	3.42	14.70	2.83	2.60	0.10
12.15	2.06	1.83	1.54	14.75	2.84	2.60	0.10
12.20	2.12	1.90	1.23	14.80	2.84	2.61	0.10
12.25	2.17	1.95	0.94	14.85	2.85	2.61	0.10
12.30	2.22	1.99	0.88	14.90	2.85	2.62	0.10
12.35	2.26	2.03	0.69	14.95	2.86	2.62	0.09
12.40	2.29	2.06	0.65	15.00	2.86	2.63	0.09
12.45	2.33	2.10	0.63	15.05	2.87	2.63	0.09
12.50	2.36	2.13	0.61	15.10	2.87	2.64	0.09
12.55	2.38	2.15	0.43	15.15	2.87	2.64	0.09
12.60	2.40	2.18	0.40	15.20	2.88	2.65	0.09
12.65	2.42	2.20	0.38	15.25	2.88	2.65	0.08
12.70	2.44	2.22	0.38	15.30	2.89	2.66	0.08
12.75	2.46	2.23	0.35	15.35	2.89	2.66	0.08
12.80	2.48	2.25	0.34	15.40	2.90	2.67	0.08
12.85	2.50	2.27	0.32	15.45	2.90	2.67	0.08
12.90	2.52	2.29	0.31	15.50	2.91	2.68	0.08
12.95	2.53	2.30	0.28	15.55	2.91	2.68	0.08

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.08	18.20	3.10	2.86	0.05
15.65	2.92	2.69	0.08	18.25	3.10	2.87	0.05
15.70	2.92	2.69	0.08	18.30	3.10	2.87	0.05
15.75	2.93	2.70	0.08	18.35	3.10	2.87	0.05
15.80	2.93	2.70	0.08	18.40	3.11	2.87	0.05
15.85	2.94	2.70	0.08	18.45	3.11	2.88	0.05
15.90	2.94	2.71	0.08	18.50	3.11	2.88	0.05
15.95	2.94	2.71	0.08	18.55	3.11	2.88	0.05
16.00	2.95	2.72	0.08	18.60	3.12	2.88	0.05
16.05	2.95	2.72	0.07	18.65	3.12	2.89	0.05
16.10	2.96	2.73	0.07	18.70	3.12	2.89	0.05
16.15	2.96	2.73	0.07	18.75	3.12	2.89	0.05
16.20	2.96	2.73	0.07	18.80	3.13	2.89	0.05
16.25	2.97	2.74	0.07	18.85	3.13	2.90	0.05
16.30	2.97	2.74	0.07	18.90	3.13	2.90	0.05
16.35	2.98	2.74	0.07	18.95	3.13	2.90	0.05
16.40	2.98	2.75	0.07	19.00	3.14	2.90	0.05
16.45	2.98	2.75	0.07	19.05	3.14	2.91	0.05
16.50	2.99	2.76	0.07	19.10	3.14	2.91	0.05
16.55	2.99	2.76	0.07	19.15	3.14	2.91	0.05
16.60	3.00	2.76	0.07	19.20	3.15	2.91	0.05
16.65	3.00	2.77	0.07	19.25	3.15	2.92	0.05
16.70	3.00	2.77	0.07	19.30	3.15	2.92	0.05
16.75	3.01	2.77	0.07	19.35	3.15	2.92	0.05
16.80	3.01	2.78	0.07	19.40	3.16	2.92	0.05
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.05
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.05
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.05
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.05
17.05	3.03	2.79	0.06	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.06	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.06	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.06	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.06	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.06	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.06	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.06	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.06	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.06	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.06	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.06	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.05	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.04
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.04
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.00
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.00
21.55	3.26	3.02	0.04	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.04	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.04	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.04	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.04	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.04	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.04	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.04	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.04	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.04	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.04	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.04	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.04	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.04	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.04	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.04	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.04	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.04	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.04	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.04	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.04	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.04	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.04	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.04	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.04	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.04	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 43P: PDA-43 (pervious)

Runoff = 2.07 cfs @ 12.21 hrs, Volume= 0.170 af, Depth= 1.14"
 Routed to Pond B-43 : Basin #43

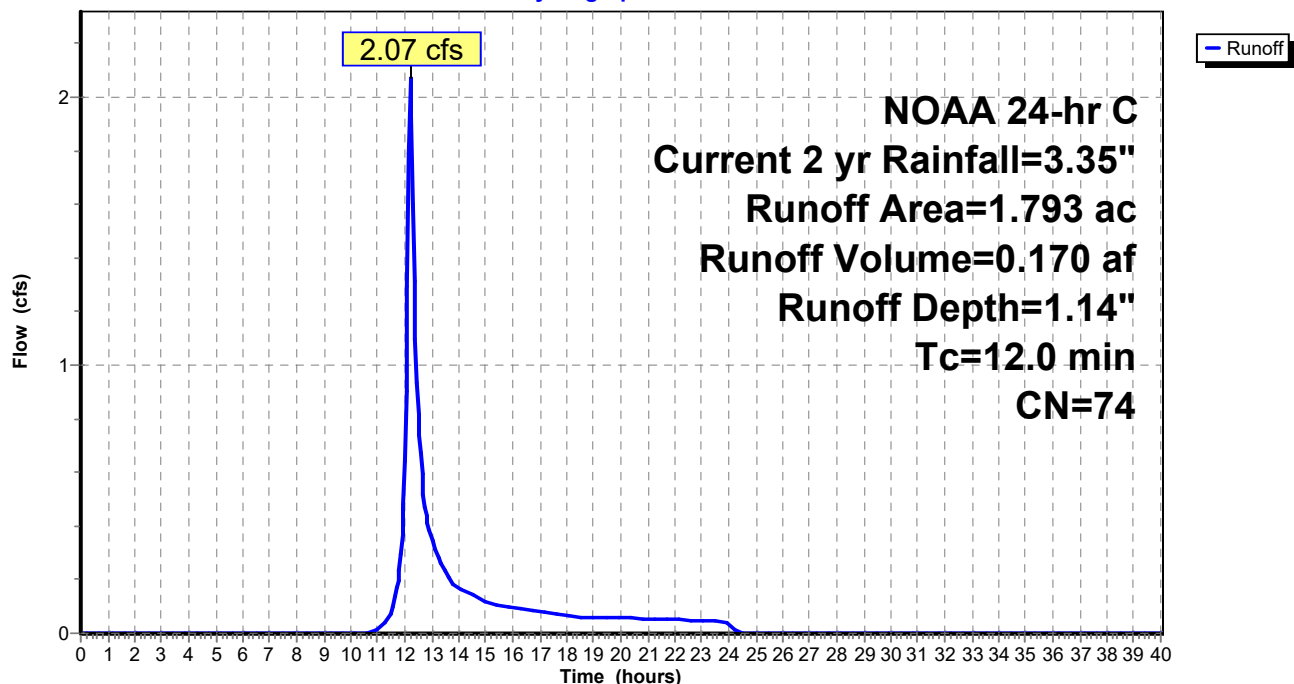
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.793	74	>75% Grass cover, Good, HSG C
1.793		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.0					Direct Entry,

Subcatchment 43P: PDA-43 (pervious)

Hydrograph



Hydrograph for Subcatchment 43P: PDA-43 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.36
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.34
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.32
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.30
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.29
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.28
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.27
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.25
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.25
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.24
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.23
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.22
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.21
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.20
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.19
11.15	0.85	0.01	0.03	13.75	2.70	0.72	0.18
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.18
11.25	0.89	0.01	0.04	13.85	2.72	0.73	0.18
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.17
11.35	0.93	0.01	0.05	13.95	2.73	0.74	0.17
11.40	0.95	0.02	0.06	14.00	2.74	0.75	0.17
11.45	0.97	0.02	0.07	14.05	2.75	0.75	0.17
11.50	0.99	0.02	0.08	14.10	2.75	0.76	0.16
11.55	1.02	0.03	0.09	14.15	2.76	0.76	0.16
11.60	1.06	0.03	0.11	14.20	2.77	0.76	0.16
11.65	1.09	0.04	0.14	14.25	2.77	0.77	0.16
11.70	1.13	0.05	0.17	14.30	2.78	0.77	0.15
11.75	1.18	0.06	0.20	14.35	2.79	0.78	0.15
11.80	1.23	0.07	0.24	14.40	2.79	0.78	0.15
11.85	1.29	0.09	0.29	14.45	2.80	0.78	0.15
11.90	1.36	0.10	0.37	14.50	2.81	0.79	0.14
11.95	1.48	0.14	0.47	14.55	2.81	0.79	0.14
12.00	1.60	0.18	0.64	14.60	2.82	0.80	0.14
12.05	1.79	0.26	0.90	14.65	2.82	0.80	0.14
12.10	1.99	0.34	1.29	14.70	2.83	0.80	0.13
12.15	2.06	0.38	1.79	14.75	2.84	0.81	0.13
12.20	2.12	0.41	2.06	14.80	2.84	0.81	0.13
12.25	2.17	0.43	1.92	14.85	2.85	0.81	0.13
12.30	2.22	0.46	1.60	14.90	2.85	0.82	0.12
12.35	2.26	0.48	1.31	14.95	2.86	0.82	0.12
12.40	2.29	0.50	1.10	15.00	2.86	0.82	0.12
12.45	2.33	0.51	0.93	15.05	2.87	0.82	0.11
12.50	2.36	0.53	0.82	15.10	2.87	0.83	0.11
12.55	2.38	0.54	0.74	15.15	2.87	0.83	0.11
12.60	2.40	0.55	0.67	15.20	2.88	0.83	0.11
12.65	2.42	0.57	0.59	15.25	2.88	0.84	0.11
12.70	2.44	0.58	0.52	15.30	2.89	0.84	0.10
12.75	2.46	0.59	0.47	15.35	2.89	0.84	0.10
12.80	2.48	0.60	0.44	15.40	2.90	0.84	0.10
12.85	2.50	0.61	0.41	15.45	2.90	0.85	0.10
12.90	2.52	0.62	0.39	15.50	2.91	0.85	0.10
12.95	2.53	0.63	0.37	15.55	2.91	0.85	0.10

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.10	18.20	3.10	0.97	0.06
15.65	2.92	0.86	0.10	18.25	3.10	0.97	0.06
15.70	2.92	0.86	0.10	18.30	3.10	0.97	0.06
15.75	2.93	0.86	0.10	18.35	3.10	0.97	0.06
15.80	2.93	0.87	0.10	18.40	3.11	0.98	0.06
15.85	2.94	0.87	0.10	18.45	3.11	0.98	0.06
15.90	2.94	0.87	0.10	18.50	3.11	0.98	0.06
15.95	2.94	0.87	0.10	18.55	3.11	0.98	0.06
16.00	2.95	0.88	0.09	18.60	3.12	0.98	0.06
16.05	2.95	0.88	0.09	18.65	3.12	0.98	0.06
16.10	2.96	0.88	0.09	18.70	3.12	0.99	0.06
16.15	2.96	0.88	0.09	18.75	3.12	0.99	0.06
16.20	2.96	0.89	0.09	18.80	3.13	0.99	0.06
16.25	2.97	0.89	0.09	18.85	3.13	0.99	0.06
16.30	2.97	0.89	0.09	18.90	3.13	0.99	0.06
16.35	2.98	0.89	0.09	18.95	3.13	0.99	0.06
16.40	2.98	0.90	0.09	19.00	3.14	1.00	0.06
16.45	2.98	0.90	0.09	19.05	3.14	1.00	0.06
16.50	2.99	0.90	0.09	19.10	3.14	1.00	0.06
16.55	2.99	0.90	0.09	19.15	3.14	1.00	0.06
16.60	3.00	0.91	0.09	19.20	3.15	1.00	0.06
16.65	3.00	0.91	0.09	19.25	3.15	1.00	0.06
16.70	3.00	0.91	0.09	19.30	3.15	1.01	0.06
16.75	3.01	0.91	0.08	19.35	3.15	1.01	0.06
16.80	3.01	0.91	0.08	19.40	3.16	1.01	0.06
16.85	3.01	0.92	0.08	19.45	3.16	1.01	0.06
16.90	3.02	0.92	0.08	19.50	3.16	1.01	0.06
16.95	3.02	0.92	0.08	19.55	3.16	1.01	0.06
17.00	3.02	0.92	0.08	19.60	3.17	1.02	0.06
17.05	3.03	0.93	0.08	19.65	3.17	1.02	0.06
17.10	3.03	0.93	0.08	19.70	3.17	1.02	0.06
17.15	3.03	0.93	0.08	19.75	3.17	1.02	0.06
17.20	3.04	0.93	0.08	19.80	3.18	1.02	0.06
17.25	3.04	0.93	0.08	19.85	3.18	1.02	0.06
17.30	3.04	0.94	0.08	19.90	3.18	1.03	0.06
17.35	3.05	0.94	0.08	19.95	3.18	1.03	0.06
17.40	3.05	0.94	0.08	20.00	3.19	1.03	0.06
17.45	3.05	0.94	0.07	20.05	3.19	1.03	0.06
17.50	3.06	0.94	0.07	20.10	3.19	1.03	0.06
17.55	3.06	0.95	0.07	20.15	3.19	1.03	0.06
17.60	3.06	0.95	0.07	20.20	3.20	1.03	0.06
17.65	3.06	0.95	0.07	20.25	3.20	1.04	0.06
17.70	3.07	0.95	0.07	20.30	3.20	1.04	0.06
17.75	3.07	0.95	0.07	20.35	3.20	1.04	0.06
17.80	3.07	0.96	0.07	20.40	3.20	1.04	0.06
17.85	3.08	0.96	0.07	20.45	3.21	1.04	0.06
17.90	3.08	0.96	0.07	20.50	3.21	1.04	0.06
17.95	3.08	0.96	0.07	20.55	3.21	1.05	0.06
18.00	3.08	0.96	0.07	20.60	3.21	1.05	0.05
18.05	3.09	0.96	0.07	20.65	3.22	1.05	0.05
18.10	3.09	0.97	0.06	20.70	3.22	1.05	0.05
18.15	3.09	0.97	0.06	20.75	3.22	1.05	0.05

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.05	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.05	23.45	3.33	1.12	0.04
20.90	3.23	1.06	0.05	23.50	3.33	1.13	0.04
20.95	3.23	1.06	0.05	23.55	3.33	1.13	0.04
21.00	3.23	1.06	0.05	23.60	3.34	1.13	0.04
21.05	3.23	1.06	0.05	23.65	3.34	1.13	0.04
21.10	3.24	1.06	0.05	23.70	3.34	1.13	0.04
21.15	3.24	1.06	0.05	23.75	3.34	1.13	0.04
21.20	3.24	1.06	0.05	23.80	3.34	1.13	0.04
21.25	3.24	1.07	0.05	23.85	3.34	1.13	0.04
21.30	3.24	1.07	0.05	23.90	3.35	1.13	0.04
21.35	3.25	1.07	0.05	23.95	3.35	1.14	0.04
21.40	3.25	1.07	0.05	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.05	24.05	3.35	1.14	0.05
21.50	3.25	1.07	0.05	24.10	3.35	1.14	0.04
21.55	3.26	1.07	0.05	24.15	3.35	1.14	0.03
21.60	3.26	1.08	0.05	24.20	3.35	1.14	0.02
21.65	3.26	1.08	0.05	24.25	3.35	1.14	0.01
21.70	3.26	1.08	0.05	24.30	3.35	1.14	0.01
21.75	3.26	1.08	0.05	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.05	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.05	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.05	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.05	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.05	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.05	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.05	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.05	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.05	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.05	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.05	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.05	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.05	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.05	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.05	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.05	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.05	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.05	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.05	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.05	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.05	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.05	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.05	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.05	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.05	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.05	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.05	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.05	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.05	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.05	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 44I: PDA-44 (impervious)

Runoff = 1.25 cfs @ 12.17 hrs, Volume= 0.107 af, Depth= 3.12"
 Routed to Pond B-44 : Basin #44

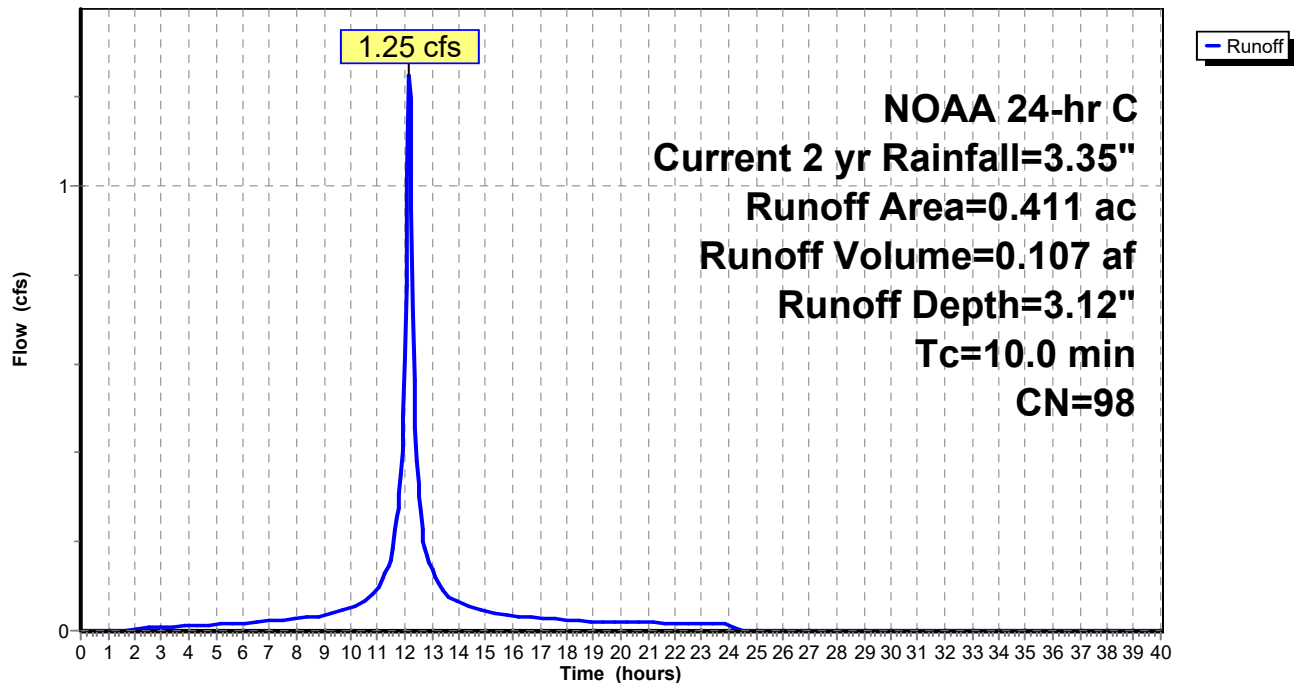
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.283	98	Pavement, HSG C
* 0.104	98	Roof, HSG C
* 0.024	98	Concrete, HSC C
0.411	98	Weighted Average
0.411		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44I: PDA-44 (impervious)

Hydrograph



Hydrograph for Subcatchment 44I: PDA-44 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.01
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.01
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.01
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.01
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.01
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.01
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.01
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.01
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.01
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.01
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.01
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.01
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.01
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.01
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.01
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.01
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.01
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.01
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.01
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.01
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.01
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.01
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.01
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.01
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.01
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.01
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.01
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.01
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.01
1.60	0.06	0.00	0.00	4.20	0.17	0.05	0.01
1.65	0.06	0.00	0.00	4.25	0.18	0.05	0.01
1.70	0.06	0.00	0.00	4.30	0.18	0.06	0.01
1.75	0.07	0.00	0.00	4.35	0.18	0.06	0.01
1.80	0.07	0.00	0.00	4.40	0.18	0.06	0.01
1.85	0.07	0.00	0.00	4.45	0.19	0.06	0.01
1.90	0.07	0.00	0.00	4.50	0.19	0.06	0.01
1.95	0.07	0.00	0.00	4.55	0.19	0.06	0.01
2.00	0.08	0.01	0.00	4.60	0.19	0.07	0.01
2.05	0.08	0.01	0.00	4.65	0.20	0.07	0.01
2.10	0.08	0.01	0.00	4.70	0.20	0.07	0.01
2.15	0.08	0.01	0.00	4.75	0.20	0.07	0.01
2.20	0.08	0.01	0.00	4.80	0.20	0.07	0.01
2.25	0.09	0.01	0.00	4.85	0.21	0.07	0.01
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.01
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.01
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.01
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.01
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.01
2.55	0.10	0.01	0.01	5.15	0.22	0.08	0.01

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.01	7.80	0.39	0.22	0.03
5.25	0.23	0.09	0.02	7.85	0.39	0.22	0.03
5.30	0.23	0.09	0.02	7.90	0.39	0.22	0.03
5.35	0.23	0.09	0.02	7.95	0.40	0.23	0.03
5.40	0.23	0.09	0.02	8.00	0.40	0.23	0.03
5.45	0.24	0.10	0.02	8.05	0.41	0.23	0.03
5.50	0.24	0.10	0.02	8.10	0.41	0.24	0.03
5.55	0.24	0.10	0.02	8.15	0.41	0.24	0.03
5.60	0.24	0.10	0.02	8.20	0.42	0.24	0.03
5.65	0.25	0.10	0.02	8.25	0.42	0.25	0.03
5.70	0.25	0.11	0.02	8.30	0.43	0.25	0.03
5.75	0.25	0.11	0.02	8.35	0.43	0.26	0.03
5.80	0.25	0.11	0.02	8.40	0.43	0.26	0.03
5.85	0.26	0.11	0.02	8.45	0.44	0.26	0.03
5.90	0.26	0.11	0.02	8.50	0.44	0.27	0.03
5.95	0.26	0.12	0.02	8.55	0.45	0.27	0.03
6.00	0.27	0.12	0.02	8.60	0.45	0.28	0.03
6.05	0.27	0.12	0.02	8.65	0.46	0.28	0.03
6.10	0.27	0.12	0.02	8.70	0.46	0.28	0.03
6.15	0.27	0.12	0.02	8.75	0.47	0.29	0.03
6.20	0.28	0.13	0.02	8.80	0.47	0.29	0.03
6.25	0.28	0.13	0.02	8.85	0.48	0.30	0.03
6.30	0.28	0.13	0.02	8.90	0.48	0.30	0.03
6.35	0.29	0.13	0.02	8.95	0.48	0.30	0.03
6.40	0.29	0.14	0.02	9.00	0.49	0.31	0.03
6.45	0.29	0.14	0.02	9.05	0.49	0.31	0.03
6.50	0.29	0.14	0.02	9.10	0.50	0.32	0.04
6.55	0.30	0.14	0.02	9.15	0.50	0.32	0.04
6.60	0.30	0.15	0.02	9.20	0.51	0.33	0.04
6.65	0.30	0.15	0.02	9.25	0.51	0.33	0.04
6.70	0.31	0.15	0.02	9.30	0.52	0.34	0.04
6.75	0.31	0.15	0.02	9.35	0.53	0.34	0.04
6.80	0.31	0.16	0.02	9.40	0.53	0.35	0.04
6.85	0.32	0.16	0.02	9.45	0.54	0.35	0.04
6.90	0.32	0.16	0.02	9.50	0.54	0.36	0.04
6.95	0.32	0.16	0.02	9.55	0.55	0.36	0.04
7.00	0.33	0.17	0.02	9.60	0.56	0.37	0.05
7.05	0.33	0.17	0.02	9.65	0.56	0.38	0.05
7.10	0.33	0.17	0.02	9.70	0.57	0.38	0.05
7.15	0.34	0.18	0.02	9.75	0.58	0.39	0.05
7.20	0.34	0.18	0.02	9.80	0.58	0.39	0.05
7.25	0.34	0.18	0.02	9.85	0.59	0.40	0.05
7.30	0.35	0.18	0.02	9.90	0.60	0.41	0.05
7.35	0.35	0.19	0.02	9.95	0.60	0.41	0.05
7.40	0.35	0.19	0.02	10.00	0.61	0.42	0.05
7.45	0.36	0.19	0.03	10.05	0.62	0.43	0.05
7.50	0.36	0.20	0.03	10.10	0.63	0.43	0.06
7.55	0.37	0.20	0.03	10.15	0.63	0.44	0.06
7.60	0.37	0.20	0.03	10.20	0.64	0.45	0.06
7.65	0.37	0.21	0.03	10.25	0.65	0.46	0.06
7.70	0.38	0.21	0.03	10.30	0.66	0.46	0.06
7.75	0.38	0.21	0.03	10.35	0.67	0.47	0.06

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.06	13.00	2.55	2.32	0.14
10.45	0.68	0.49	0.06	13.05	2.56	2.33	0.13
10.50	0.69	0.49	0.06	13.10	2.57	2.34	0.12
10.55	0.70	0.50	0.07	13.15	2.58	2.36	0.12
10.60	0.71	0.51	0.07	13.20	2.60	2.37	0.11
10.65	0.72	0.52	0.07	13.25	2.61	2.38	0.11
10.70	0.73	0.53	0.07	13.30	2.62	2.39	0.10
10.75	0.74	0.54	0.08	13.35	2.63	2.40	0.10
10.80	0.75	0.55	0.08	13.40	2.64	2.41	0.09
10.85	0.77	0.57	0.09	13.45	2.65	2.42	0.09
10.90	0.78	0.58	0.09	13.50	2.66	2.43	0.09
10.95	0.79	0.59	0.09	13.55	2.67	2.44	0.08
11.00	0.80	0.60	0.10	13.60	2.68	2.45	0.08
11.05	0.82	0.62	0.10	13.65	2.68	2.45	0.07
11.10	0.83	0.63	0.11	13.70	2.69	2.46	0.07
11.15	0.85	0.65	0.11	13.75	2.70	2.47	0.07
11.20	0.87	0.66	0.12	13.80	2.71	2.48	0.07
11.25	0.89	0.68	0.13	13.85	2.72	2.49	0.07
11.30	0.91	0.70	0.13	13.90	2.72	2.49	0.07
11.35	0.93	0.72	0.14	13.95	2.73	2.50	0.06
11.40	0.95	0.74	0.15	14.00	2.74	2.51	0.06
11.45	0.97	0.76	0.16	14.05	2.75	2.52	0.06
11.50	0.99	0.78	0.16	14.10	2.75	2.52	0.06
11.55	1.02	0.81	0.17	14.15	2.76	2.53	0.06
11.60	1.06	0.85	0.19	14.20	2.77	2.54	0.06
11.65	1.09	0.88	0.23	14.25	2.77	2.54	0.06
11.70	1.13	0.92	0.25	14.30	2.78	2.55	0.06
11.75	1.18	0.96	0.27	14.35	2.79	2.56	0.06
11.80	1.23	1.01	0.30	14.40	2.79	2.56	0.06
11.85	1.29	1.08	0.35	14.45	2.80	2.57	0.05
11.90	1.36	1.14	0.41	14.50	2.81	2.58	0.05
11.95	1.48	1.26	0.48	14.55	2.81	2.58	0.05
12.00	1.60	1.38	0.61	14.60	2.82	2.59	0.05
12.05	1.79	1.57	0.77	14.65	2.82	2.59	0.05
12.10	1.99	1.76	1.01	14.70	2.83	2.60	0.05
12.15	2.06	1.83	1.23	14.75	2.84	2.60	0.05
12.20	2.12	1.90	1.20	14.80	2.84	2.61	0.05
12.25	2.17	1.95	0.95	14.85	2.85	2.61	0.05
12.30	2.22	1.99	0.71	14.90	2.85	2.62	0.05
12.35	2.26	2.03	0.56	14.95	2.86	2.62	0.04
12.40	2.29	2.06	0.45	15.00	2.86	2.63	0.04
12.45	2.33	2.10	0.38	15.05	2.87	2.63	0.04
12.50	2.36	2.13	0.33	15.10	2.87	2.64	0.04
12.55	2.38	2.15	0.30	15.15	2.87	2.64	0.04
12.60	2.40	2.18	0.27	15.20	2.88	2.65	0.04
12.65	2.42	2.20	0.23	15.25	2.88	2.65	0.04
12.70	2.44	2.22	0.20	15.30	2.89	2.66	0.04
12.75	2.46	2.23	0.18	15.35	2.89	2.66	0.04
12.80	2.48	2.25	0.17	15.40	2.90	2.67	0.04
12.85	2.50	2.27	0.16	15.45	2.90	2.67	0.04
12.90	2.52	2.29	0.16	15.50	2.91	2.68	0.04
12.95	2.53	2.30	0.15	15.55	2.91	2.68	0.04

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.04	18.20	3.10	2.86	0.02
15.65	2.92	2.69	0.04	18.25	3.10	2.87	0.02
15.70	2.92	2.69	0.04	18.30	3.10	2.87	0.02
15.75	2.93	2.70	0.04	18.35	3.10	2.87	0.02
15.80	2.93	2.70	0.04	18.40	3.11	2.87	0.02
15.85	2.94	2.70	0.04	18.45	3.11	2.88	0.02
15.90	2.94	2.71	0.03	18.50	3.11	2.88	0.02
15.95	2.94	2.71	0.03	18.55	3.11	2.88	0.02
16.00	2.95	2.72	0.03	18.60	3.12	2.88	0.02
16.05	2.95	2.72	0.03	18.65	3.12	2.89	0.02
16.10	2.96	2.73	0.03	18.70	3.12	2.89	0.02
16.15	2.96	2.73	0.03	18.75	3.12	2.89	0.02
16.20	2.96	2.73	0.03	18.80	3.13	2.89	0.02
16.25	2.97	2.74	0.03	18.85	3.13	2.90	0.02
16.30	2.97	2.74	0.03	18.90	3.13	2.90	0.02
16.35	2.98	2.74	0.03	18.95	3.13	2.90	0.02
16.40	2.98	2.75	0.03	19.00	3.14	2.90	0.02
16.45	2.98	2.75	0.03	19.05	3.14	2.91	0.02
16.50	2.99	2.76	0.03	19.10	3.14	2.91	0.02
16.55	2.99	2.76	0.03	19.15	3.14	2.91	0.02
16.60	3.00	2.76	0.03	19.20	3.15	2.91	0.02
16.65	3.00	2.77	0.03	19.25	3.15	2.92	0.02
16.70	3.00	2.77	0.03	19.30	3.15	2.92	0.02
16.75	3.01	2.77	0.03	19.35	3.15	2.92	0.02
16.80	3.01	2.78	0.03	19.40	3.16	2.92	0.02
16.85	3.01	2.78	0.03	19.45	3.16	2.93	0.02
16.90	3.02	2.78	0.03	19.50	3.16	2.93	0.02
16.95	3.02	2.79	0.03	19.55	3.16	2.93	0.02
17.00	3.02	2.79	0.03	19.60	3.17	2.93	0.02
17.05	3.03	2.79	0.03	19.65	3.17	2.94	0.02
17.10	3.03	2.80	0.03	19.70	3.17	2.94	0.02
17.15	3.03	2.80	0.03	19.75	3.17	2.94	0.02
17.20	3.04	2.80	0.03	19.80	3.18	2.94	0.02
17.25	3.04	2.81	0.03	19.85	3.18	2.95	0.02
17.30	3.04	2.81	0.03	19.90	3.18	2.95	0.02
17.35	3.05	2.81	0.03	19.95	3.18	2.95	0.02
17.40	3.05	2.82	0.03	20.00	3.19	2.95	0.02
17.45	3.05	2.82	0.03	20.05	3.19	2.96	0.02
17.50	3.06	2.82	0.03	20.10	3.19	2.96	0.02
17.55	3.06	2.83	0.03	20.15	3.19	2.96	0.02
17.60	3.06	2.83	0.03	20.20	3.20	2.96	0.02
17.65	3.06	2.83	0.03	20.25	3.20	2.97	0.02
17.70	3.07	2.84	0.03	20.30	3.20	2.97	0.02
17.75	3.07	2.84	0.02	20.35	3.20	2.97	0.02
17.80	3.07	2.84	0.02	20.40	3.20	2.97	0.02
17.85	3.08	2.84	0.02	20.45	3.21	2.97	0.02
17.90	3.08	2.85	0.02	20.50	3.21	2.98	0.02
17.95	3.08	2.85	0.02	20.55	3.21	2.98	0.02
18.00	3.08	2.85	0.02	20.60	3.21	2.98	0.02
18.05	3.09	2.86	0.02	20.65	3.22	2.98	0.02
18.10	3.09	2.86	0.02	20.70	3.22	2.99	0.02
18.15	3.09	2.86	0.02	20.75	3.22	2.99	0.02

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.02	23.40	3.33	3.10	0.02
20.85	3.23	2.99	0.02	23.45	3.33	3.10	0.02
20.90	3.23	2.99	0.02	23.50	3.33	3.10	0.02
20.95	3.23	3.00	0.02	23.55	3.33	3.10	0.01
21.00	3.23	3.00	0.02	23.60	3.34	3.10	0.01
21.05	3.23	3.00	0.02	23.65	3.34	3.10	0.01
21.10	3.24	3.00	0.02	23.70	3.34	3.11	0.01
21.15	3.24	3.01	0.02	23.75	3.34	3.11	0.01
21.20	3.24	3.01	0.02	23.80	3.34	3.11	0.01
21.25	3.24	3.01	0.02	23.85	3.34	3.11	0.01
21.30	3.24	3.01	0.02	23.90	3.35	3.11	0.01
21.35	3.25	3.01	0.02	23.95	3.35	3.11	0.01
21.40	3.25	3.02	0.02	24.00	3.35	3.12	0.02
21.45	3.25	3.02	0.02	24.05	3.35	3.12	0.02
21.50	3.25	3.02	0.02	24.10	3.35	3.12	0.01
21.55	3.26	3.02	0.02	24.15	3.35	3.12	0.01
21.60	3.26	3.02	0.02	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.02	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.02	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.02	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.02	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.02	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.02	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.02	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.02	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.02	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.02	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.02	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.02	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.02	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.02	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.02	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.02	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.02	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.02	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.02	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.02	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.02	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.02	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.02	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.02	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.02	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.02	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.02	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.02	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.02	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.02	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.02	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.02	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.02	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.02	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.02	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 44P: PDA-44 (pervious)

Runoff = 0.95 cfs @ 12.18 hrs, Volume= 0.073 af, Depth= 1.14"
 Routed to Pond B-44 : Basin #44

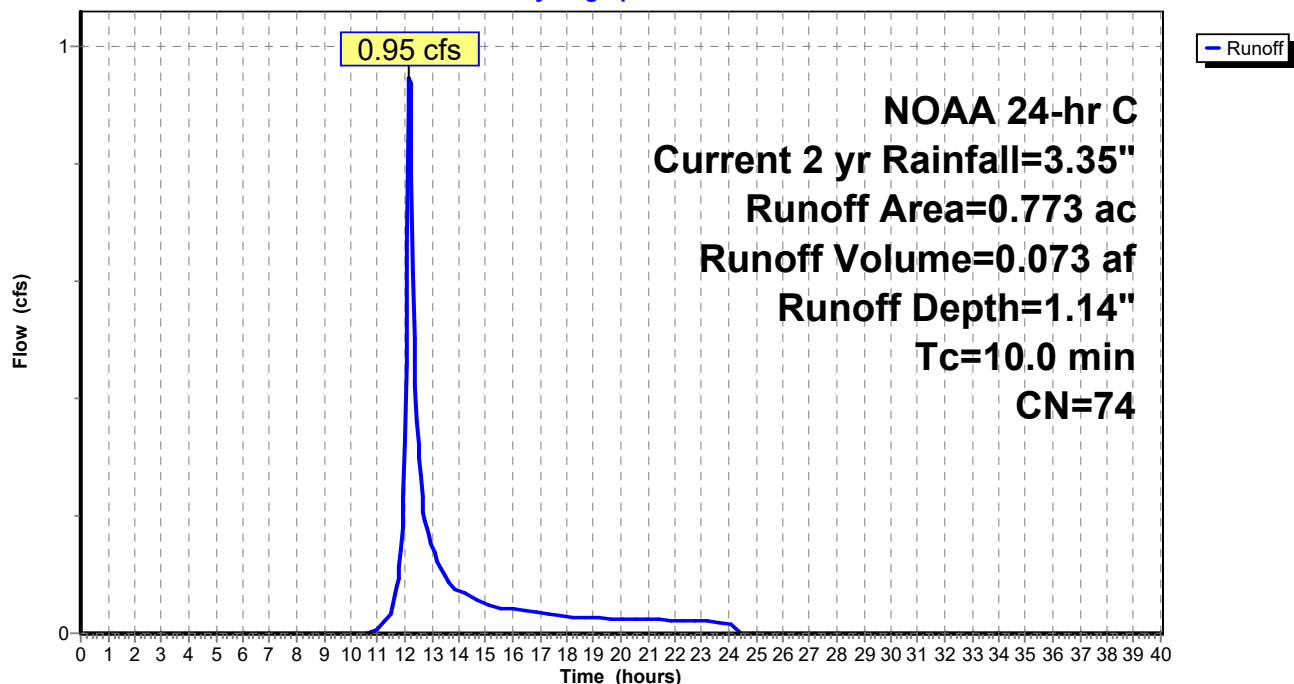
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.773	74	>75% Grass cover, Good, HSG C
0.773		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44P: PDA-44 (pervious)

Hydrograph



Hydrograph for Subcatchment 44P: PDA-44 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.15
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.14
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.13
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.13
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.12
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.12
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.11
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.11
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.10
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.10
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.09
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.09
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.09
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.08
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.08
11.15	0.85	0.01	0.01	13.75	2.70	0.72	0.08
11.20	0.87	0.01	0.01	13.80	2.71	0.73	0.08
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.07
11.30	0.91	0.01	0.02	13.90	2.72	0.74	0.07
11.35	0.93	0.01	0.02	13.95	2.73	0.74	0.07
11.40	0.95	0.02	0.03	14.00	2.74	0.75	0.07
11.45	0.97	0.02	0.03	14.05	2.75	0.75	0.07
11.50	0.99	0.02	0.04	14.10	2.75	0.76	0.07
11.55	1.02	0.03	0.04	14.15	2.76	0.76	0.07
11.60	1.06	0.03	0.05	14.20	2.77	0.76	0.07
11.65	1.09	0.04	0.07	14.25	2.77	0.77	0.07
11.70	1.13	0.05	0.08	14.30	2.78	0.77	0.07
11.75	1.18	0.06	0.09	14.35	2.79	0.78	0.06
11.80	1.23	0.07	0.11	14.40	2.79	0.78	0.06
11.85	1.29	0.09	0.14	14.45	2.80	0.78	0.06
11.90	1.36	0.10	0.18	14.50	2.81	0.79	0.06
11.95	1.48	0.14	0.23	14.55	2.81	0.79	0.06
12.00	1.60	0.18	0.32	14.60	2.82	0.80	0.06
12.05	1.79	0.26	0.46	14.65	2.82	0.80	0.06
12.10	1.99	0.34	0.67	14.70	2.83	0.80	0.06
12.15	2.06	0.38	0.90	14.75	2.84	0.81	0.06
12.20	2.12	0.41	0.94	14.80	2.84	0.81	0.05
12.25	2.17	0.43	0.78	14.85	2.85	0.81	0.05
12.30	2.22	0.46	0.62	14.90	2.85	0.82	0.05
12.35	2.26	0.48	0.50	14.95	2.86	0.82	0.05
12.40	2.29	0.50	0.42	15.00	2.86	0.82	0.05
12.45	2.33	0.51	0.36	15.05	2.87	0.82	0.05
12.50	2.36	0.53	0.32	15.10	2.87	0.83	0.05
12.55	2.38	0.54	0.30	15.15	2.87	0.83	0.05
12.60	2.40	0.55	0.27	15.20	2.88	0.83	0.05
12.65	2.42	0.57	0.23	15.25	2.88	0.84	0.05
12.70	2.44	0.58	0.21	15.30	2.89	0.84	0.04
12.75	2.46	0.59	0.19	15.35	2.89	0.84	0.04
12.80	2.48	0.60	0.18	15.40	2.90	0.84	0.04
12.85	2.50	0.61	0.17	15.45	2.90	0.85	0.04
12.90	2.52	0.62	0.16	15.50	2.91	0.85	0.04
12.95	2.53	0.63	0.16	15.55	2.91	0.85	0.04

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.04	18.20	3.10	0.97	0.03
15.65	2.92	0.86	0.04	18.25	3.10	0.97	0.03
15.70	2.92	0.86	0.04	18.30	3.10	0.97	0.03
15.75	2.93	0.86	0.04	18.35	3.10	0.97	0.03
15.80	2.93	0.87	0.04	18.40	3.11	0.98	0.03
15.85	2.94	0.87	0.04	18.45	3.11	0.98	0.03
15.90	2.94	0.87	0.04	18.50	3.11	0.98	0.03
15.95	2.94	0.87	0.04	18.55	3.11	0.98	0.03
16.00	2.95	0.88	0.04	18.60	3.12	0.98	0.03
16.05	2.95	0.88	0.04	18.65	3.12	0.98	0.03
16.10	2.96	0.88	0.04	18.70	3.12	0.99	0.03
16.15	2.96	0.88	0.04	18.75	3.12	0.99	0.03
16.20	2.96	0.89	0.04	18.80	3.13	0.99	0.03
16.25	2.97	0.89	0.04	18.85	3.13	0.99	0.03
16.30	2.97	0.89	0.04	18.90	3.13	0.99	0.03
16.35	2.98	0.89	0.04	18.95	3.13	0.99	0.03
16.40	2.98	0.90	0.04	19.00	3.14	1.00	0.03
16.45	2.98	0.90	0.04	19.05	3.14	1.00	0.03
16.50	2.99	0.90	0.04	19.10	3.14	1.00	0.03
16.55	2.99	0.90	0.04	19.15	3.14	1.00	0.03
16.60	3.00	0.91	0.04	19.20	3.15	1.00	0.03
16.65	3.00	0.91	0.04	19.25	3.15	1.00	0.03
16.70	3.00	0.91	0.04	19.30	3.15	1.01	0.03
16.75	3.01	0.91	0.04	19.35	3.15	1.01	0.03
16.80	3.01	0.91	0.04	19.40	3.16	1.01	0.03
16.85	3.01	0.92	0.04	19.45	3.16	1.01	0.03
16.90	3.02	0.92	0.04	19.50	3.16	1.01	0.03
16.95	3.02	0.92	0.03	19.55	3.16	1.01	0.03
17.00	3.02	0.92	0.03	19.60	3.17	1.02	0.03
17.05	3.03	0.93	0.03	19.65	3.17	1.02	0.03
17.10	3.03	0.93	0.03	19.70	3.17	1.02	0.02
17.15	3.03	0.93	0.03	19.75	3.17	1.02	0.02
17.20	3.04	0.93	0.03	19.80	3.18	1.02	0.02
17.25	3.04	0.93	0.03	19.85	3.18	1.02	0.02
17.30	3.04	0.94	0.03	19.90	3.18	1.03	0.02
17.35	3.05	0.94	0.03	19.95	3.18	1.03	0.02
17.40	3.05	0.94	0.03	20.00	3.19	1.03	0.02
17.45	3.05	0.94	0.03	20.05	3.19	1.03	0.02
17.50	3.06	0.94	0.03	20.10	3.19	1.03	0.02
17.55	3.06	0.95	0.03	20.15	3.19	1.03	0.02
17.60	3.06	0.95	0.03	20.20	3.20	1.03	0.02
17.65	3.06	0.95	0.03	20.25	3.20	1.04	0.02
17.70	3.07	0.95	0.03	20.30	3.20	1.04	0.02
17.75	3.07	0.95	0.03	20.35	3.20	1.04	0.02
17.80	3.07	0.96	0.03	20.40	3.20	1.04	0.02
17.85	3.08	0.96	0.03	20.45	3.21	1.04	0.02
17.90	3.08	0.96	0.03	20.50	3.21	1.04	0.02
17.95	3.08	0.96	0.03	20.55	3.21	1.05	0.02
18.00	3.08	0.96	0.03	20.60	3.21	1.05	0.02
18.05	3.09	0.96	0.03	20.65	3.22	1.05	0.02
18.10	3.09	0.97	0.03	20.70	3.22	1.05	0.02
18.15	3.09	0.97	0.03	20.75	3.22	1.05	0.02

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.02	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.02	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.02	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.02	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.02	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.02	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.02	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.02	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.02	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.02	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.02	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.02	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.02	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.02	24.05	3.35	1.14	0.02
21.50	3.25	1.07	0.02	24.10	3.35	1.14	0.02
21.55	3.26	1.07	0.02	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.02	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.02	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.02	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.02	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.02	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.02	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.02	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.02	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.02	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.02	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.02	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.02	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.02	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.02	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.02	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.02	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.02	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.02	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.02	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.02	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.02	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.02	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.02	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.02	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.02	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.02	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.02	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.02	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.02	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.02	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.02	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.02	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.02	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.02	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 45I: PDA-45 (impervious)

Runoff = 5.06 cfs @ 12.11 hrs, Volume= 0.374 af, Depth= 3.12"
 Routed to Pond B-45 : Basin #45

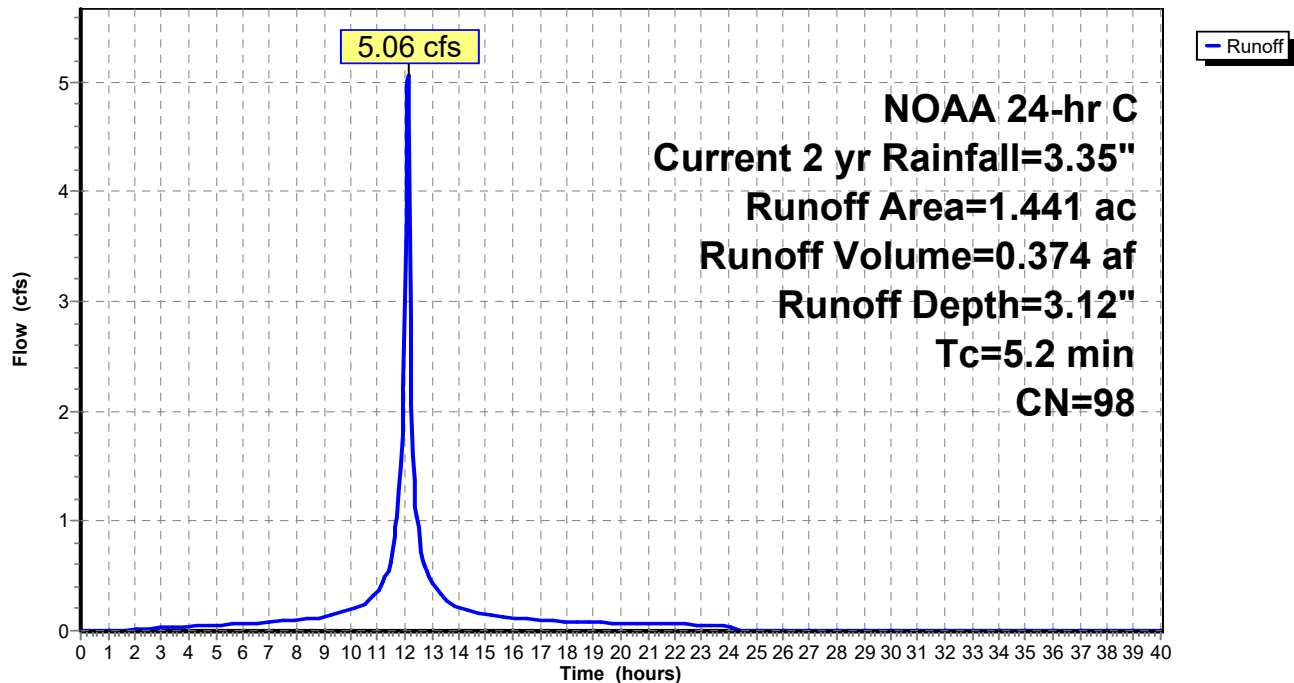
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.394	98	Pavement, HSG C
* 1.045	98	Roof, HSG C
* 0.002	98	Concrete, HSG C
1.441	98	Weighted Average
1.441		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.2					Direct Entry,

Subcatchment 45I: PDA-45 (impervious)

Hydrograph



Hydrograph for Subcatchment 45I: PDA-45 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.02
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.02
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.03
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.03
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.03
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.03
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.03
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.03
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.03
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.03
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.03
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.03
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.03
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.03
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.03
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.03
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.03
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.03
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.04
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.04
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.04
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.04
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.04
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.04
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.04
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.04
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.04
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.04
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.04
1.45	0.05	0.00	0.01	4.05	0.17	0.05	0.04
1.50	0.06	0.00	0.01	4.10	0.17	0.05	0.04
1.55	0.06	0.00	0.01	4.15	0.17	0.05	0.04
1.60	0.06	0.00	0.01	4.20	0.17	0.05	0.04
1.65	0.06	0.00	0.01	4.25	0.18	0.05	0.04
1.70	0.06	0.00	0.01	4.30	0.18	0.06	0.04
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.05
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.05
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.05
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.05
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.05
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.05
2.05	0.08	0.01	0.02	4.65	0.20	0.07	0.05
2.10	0.08	0.01	0.02	4.70	0.20	0.07	0.05
2.15	0.08	0.01	0.02	4.75	0.20	0.07	0.05
2.20	0.08	0.01	0.02	4.80	0.20	0.07	0.05
2.25	0.09	0.01	0.02	4.85	0.21	0.07	0.05
2.30	0.09	0.01	0.02	4.90	0.21	0.08	0.05
2.35	0.09	0.01	0.02	4.95	0.21	0.08	0.05
2.40	0.09	0.01	0.02	5.00	0.21	0.08	0.05
2.45	0.09	0.01	0.02	5.05	0.22	0.08	0.05
2.50	0.10	0.01	0.02	5.10	0.22	0.08	0.05
2.55	0.10	0.01	0.02	5.15	0.22	0.08	0.05

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.05	7.80	0.39	0.22	0.10
5.25	0.23	0.09	0.05	7.85	0.39	0.22	0.10
5.30	0.23	0.09	0.05	7.90	0.39	0.22	0.10
5.35	0.23	0.09	0.05	7.95	0.40	0.23	0.10
5.40	0.23	0.09	0.05	8.00	0.40	0.23	0.10
5.45	0.24	0.10	0.06	8.05	0.41	0.23	0.10
5.50	0.24	0.10	0.06	8.10	0.41	0.24	0.10
5.55	0.24	0.10	0.06	8.15	0.41	0.24	0.10
5.60	0.24	0.10	0.06	8.20	0.42	0.24	0.11
5.65	0.25	0.10	0.06	8.25	0.42	0.25	0.11
5.70	0.25	0.11	0.06	8.30	0.43	0.25	0.11
5.75	0.25	0.11	0.06	8.35	0.43	0.26	0.11
5.80	0.25	0.11	0.06	8.40	0.43	0.26	0.11
5.85	0.26	0.11	0.06	8.45	0.44	0.26	0.11
5.90	0.26	0.11	0.06	8.50	0.44	0.27	0.11
5.95	0.26	0.12	0.06	8.55	0.45	0.27	0.11
6.00	0.27	0.12	0.06	8.60	0.45	0.28	0.11
6.05	0.27	0.12	0.06	8.65	0.46	0.28	0.11
6.10	0.27	0.12	0.06	8.70	0.46	0.28	0.12
6.15	0.27	0.12	0.06	8.75	0.47	0.29	0.12
6.20	0.28	0.13	0.06	8.80	0.47	0.29	0.12
6.25	0.28	0.13	0.06	8.85	0.48	0.30	0.12
6.30	0.28	0.13	0.07	8.90	0.48	0.30	0.12
6.35	0.29	0.13	0.07	8.95	0.48	0.30	0.12
6.40	0.29	0.14	0.07	9.00	0.49	0.31	0.12
6.45	0.29	0.14	0.07	9.05	0.49	0.31	0.12
6.50	0.29	0.14	0.07	9.10	0.50	0.32	0.13
6.55	0.30	0.14	0.07	9.15	0.50	0.32	0.13
6.60	0.30	0.15	0.07	9.20	0.51	0.33	0.13
6.65	0.30	0.15	0.07	9.25	0.51	0.33	0.14
6.70	0.31	0.15	0.07	9.30	0.52	0.34	0.14
6.75	0.31	0.15	0.07	9.35	0.53	0.34	0.15
6.80	0.31	0.16	0.08	9.40	0.53	0.35	0.15
6.85	0.32	0.16	0.08	9.45	0.54	0.35	0.15
6.90	0.32	0.16	0.08	9.50	0.54	0.36	0.16
6.95	0.32	0.16	0.08	9.55	0.55	0.36	0.16
7.00	0.33	0.17	0.08	9.60	0.56	0.37	0.16
7.05	0.33	0.17	0.08	9.65	0.56	0.38	0.17
7.10	0.33	0.17	0.08	9.70	0.57	0.38	0.17
7.15	0.34	0.18	0.08	9.75	0.58	0.39	0.17
7.20	0.34	0.18	0.08	9.80	0.58	0.39	0.18
7.25	0.34	0.18	0.09	9.85	0.59	0.40	0.18
7.30	0.35	0.18	0.09	9.90	0.60	0.41	0.19
7.35	0.35	0.19	0.09	9.95	0.60	0.41	0.19
7.40	0.35	0.19	0.09	10.00	0.61	0.42	0.19
7.45	0.36	0.19	0.09	10.05	0.62	0.43	0.20
7.50	0.36	0.20	0.09	10.10	0.63	0.43	0.20
7.55	0.37	0.20	0.09	10.15	0.63	0.44	0.20
7.60	0.37	0.20	0.09	10.20	0.64	0.45	0.21
7.65	0.37	0.21	0.09	10.25	0.65	0.46	0.21
7.70	0.38	0.21	0.09	10.30	0.66	0.46	0.21
7.75	0.38	0.21	0.10	10.35	0.67	0.47	0.22

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.22	13.00	2.55	2.32	0.45
10.45	0.68	0.49	0.23	13.05	2.56	2.33	0.43
10.50	0.69	0.49	0.23	13.10	2.57	2.34	0.40
10.55	0.70	0.50	0.24	13.15	2.58	2.36	0.38
10.60	0.71	0.51	0.25	13.20	2.60	2.37	0.36
10.65	0.72	0.52	0.26	13.25	2.61	2.38	0.35
10.70	0.73	0.53	0.28	13.30	2.62	2.39	0.34
10.75	0.74	0.54	0.29	13.35	2.63	2.40	0.32
10.80	0.75	0.55	0.31	13.40	2.64	2.41	0.31
10.85	0.77	0.57	0.32	13.45	2.65	2.42	0.30
10.90	0.78	0.58	0.33	13.50	2.66	2.43	0.28
10.95	0.79	0.59	0.35	13.55	2.67	2.44	0.27
11.00	0.80	0.60	0.36	13.60	2.68	2.45	0.25
11.05	0.82	0.62	0.38	13.65	2.68	2.45	0.25
11.10	0.83	0.63	0.41	13.70	2.69	2.46	0.24
11.15	0.85	0.65	0.43	13.75	2.70	2.47	0.24
11.20	0.87	0.66	0.46	13.80	2.71	2.48	0.23
11.25	0.89	0.68	0.48	13.85	2.72	2.49	0.23
11.30	0.91	0.70	0.51	13.90	2.72	2.49	0.23
11.35	0.93	0.72	0.53	13.95	2.73	2.50	0.22
11.40	0.95	0.74	0.56	14.00	2.74	2.51	0.22
11.45	0.97	0.76	0.58	14.05	2.75	2.52	0.21
11.50	0.99	0.78	0.60	14.10	2.75	2.52	0.21
11.55	1.02	0.81	0.69	14.15	2.76	2.53	0.21
11.60	1.06	0.85	0.87	14.20	2.77	2.54	0.20
11.65	1.09	0.88	0.95	14.25	2.77	2.54	0.20
11.70	1.13	0.92	0.99	14.30	2.78	2.55	0.20
11.75	1.18	0.96	1.09	14.35	2.79	2.56	0.19
11.80	1.23	1.01	1.29	14.40	2.79	2.56	0.19
11.85	1.29	1.08	1.49	14.45	2.80	2.57	0.19
11.90	1.36	1.14	1.79	14.50	2.81	2.58	0.18
11.95	1.48	1.26	2.22	14.55	2.81	2.58	0.18
12.00	1.60	1.38	2.98	14.60	2.82	2.59	0.17
12.05	1.79	1.57	3.78	14.65	2.82	2.59	0.17
12.10	1.99	1.76	5.00	14.70	2.83	2.60	0.17
12.15	2.06	1.83	4.64	14.75	2.84	2.60	0.16
12.20	2.12	1.90	2.87	14.80	2.84	2.61	0.16
12.25	2.17	1.95	2.05	14.85	2.85	2.61	0.16
12.30	2.22	1.99	1.60	14.90	2.85	2.62	0.15
12.35	2.26	2.03	1.37	14.95	2.86	2.62	0.15
12.40	2.29	2.06	1.14	15.00	2.86	2.63	0.14
12.45	2.33	2.10	1.04	15.05	2.87	2.63	0.14
12.50	2.36	2.13	1.00	15.10	2.87	2.64	0.14
12.55	2.38	2.15	0.90	15.15	2.87	2.64	0.14
12.60	2.40	2.18	0.72	15.20	2.88	2.65	0.13
12.65	2.42	2.20	0.64	15.25	2.88	2.65	0.13
12.70	2.44	2.22	0.61	15.30	2.89	2.66	0.13
12.75	2.46	2.23	0.58	15.35	2.89	2.66	0.13
12.80	2.48	2.25	0.55	15.40	2.90	2.67	0.13
12.85	2.50	2.27	0.53	15.45	2.90	2.67	0.13
12.90	2.52	2.29	0.50	15.50	2.91	2.68	0.13
12.95	2.53	2.30	0.48	15.55	2.91	2.68	0.13

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.13	18.20	3.10	2.86	0.08
15.65	2.92	2.69	0.13	18.25	3.10	2.87	0.08
15.70	2.92	2.69	0.12	18.30	3.10	2.87	0.08
15.75	2.93	2.70	0.12	18.35	3.10	2.87	0.08
15.80	2.93	2.70	0.12	18.40	3.11	2.87	0.08
15.85	2.94	2.70	0.12	18.45	3.11	2.88	0.08
15.90	2.94	2.71	0.12	18.50	3.11	2.88	0.08
15.95	2.94	2.71	0.12	18.55	3.11	2.88	0.08
16.00	2.95	2.72	0.12	18.60	3.12	2.88	0.08
16.05	2.95	2.72	0.12	18.65	3.12	2.89	0.08
16.10	2.96	2.73	0.12	18.70	3.12	2.89	0.08
16.15	2.96	2.73	0.12	18.75	3.12	2.89	0.08
16.20	2.96	2.73	0.12	18.80	3.13	2.89	0.07
16.25	2.97	2.74	0.11	18.85	3.13	2.90	0.07
16.30	2.97	2.74	0.11	18.90	3.13	2.90	0.07
16.35	2.98	2.74	0.11	18.95	3.13	2.90	0.07
16.40	2.98	2.75	0.11	19.00	3.14	2.90	0.07
16.45	2.98	2.75	0.11	19.05	3.14	2.91	0.07
16.50	2.99	2.76	0.11	19.10	3.14	2.91	0.07
16.55	2.99	2.76	0.11	19.15	3.14	2.91	0.07
16.60	3.00	2.76	0.11	19.20	3.15	2.91	0.07
16.65	3.00	2.77	0.11	19.25	3.15	2.92	0.07
16.70	3.00	2.77	0.11	19.30	3.15	2.92	0.07
16.75	3.01	2.77	0.10	19.35	3.15	2.92	0.07
16.80	3.01	2.78	0.10	19.40	3.16	2.92	0.07
16.85	3.01	2.78	0.10	19.45	3.16	2.93	0.07
16.90	3.02	2.78	0.10	19.50	3.16	2.93	0.07
16.95	3.02	2.79	0.10	19.55	3.16	2.93	0.07
17.00	3.02	2.79	0.10	19.60	3.17	2.93	0.07
17.05	3.03	2.79	0.10	19.65	3.17	2.94	0.07
17.10	3.03	2.80	0.10	19.70	3.17	2.94	0.07
17.15	3.03	2.80	0.10	19.75	3.17	2.94	0.07
17.20	3.04	2.80	0.10	19.80	3.18	2.94	0.07
17.25	3.04	2.81	0.10	19.85	3.18	2.95	0.07
17.30	3.04	2.81	0.09	19.90	3.18	2.95	0.07
17.35	3.05	2.81	0.09	19.95	3.18	2.95	0.07
17.40	3.05	2.82	0.09	20.00	3.19	2.95	0.07
17.45	3.05	2.82	0.09	20.05	3.19	2.96	0.07
17.50	3.06	2.82	0.09	20.10	3.19	2.96	0.07
17.55	3.06	2.83	0.09	20.15	3.19	2.96	0.07
17.60	3.06	2.83	0.09	20.20	3.20	2.96	0.07
17.65	3.06	2.83	0.09	20.25	3.20	2.97	0.07
17.70	3.07	2.84	0.09	20.30	3.20	2.97	0.07
17.75	3.07	2.84	0.09	20.35	3.20	2.97	0.07
17.80	3.07	2.84	0.08	20.40	3.20	2.97	0.07
17.85	3.08	2.84	0.08	20.45	3.21	2.97	0.07
17.90	3.08	2.85	0.08	20.50	3.21	2.98	0.07
17.95	3.08	2.85	0.08	20.55	3.21	2.98	0.07
18.00	3.08	2.85	0.08	20.60	3.21	2.98	0.07
18.05	3.09	2.86	0.08	20.65	3.22	2.98	0.07
18.10	3.09	2.86	0.08	20.70	3.22	2.99	0.07
18.15	3.09	2.86	0.08	20.75	3.22	2.99	0.07

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.07	23.40	3.33	3.10	0.05
20.85	3.23	2.99	0.06	23.45	3.33	3.10	0.05
20.90	3.23	2.99	0.06	23.50	3.33	3.10	0.05
20.95	3.23	3.00	0.06	23.55	3.33	3.10	0.05
21.00	3.23	3.00	0.06	23.60	3.34	3.10	0.05
21.05	3.23	3.00	0.06	23.65	3.34	3.10	0.05
21.10	3.24	3.00	0.06	23.70	3.34	3.11	0.05
21.15	3.24	3.01	0.06	23.75	3.34	3.11	0.05
21.20	3.24	3.01	0.06	23.80	3.34	3.11	0.05
21.25	3.24	3.01	0.06	23.85	3.34	3.11	0.05
21.30	3.24	3.01	0.06	23.90	3.35	3.11	0.05
21.35	3.25	3.01	0.06	23.95	3.35	3.11	0.05
21.40	3.25	3.02	0.06	24.00	3.35	3.12	0.06
21.45	3.25	3.02	0.06	24.05	3.35	3.12	0.05
21.50	3.25	3.02	0.06	24.10	3.35	3.12	0.02
21.55	3.26	3.02	0.06	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.06	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.06	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.06	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.06	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.06	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.06	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.06	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.06	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.06	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.06	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.06	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.06	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.06	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.06	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.06	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.06	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.06	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.06	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.06	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.06	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.06	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.06	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.06	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.06	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.06	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.06	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.05	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.05	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.05	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.05	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.05	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.05	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.05	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.05	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.05	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.05	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 45P: PDA-45 (pervious)

Runoff = 1.36 cfs @ 12.10 hrs, Volume= 0.081 af, Depth= 1.14"
 Routed to Pond B-45 : Basin #45

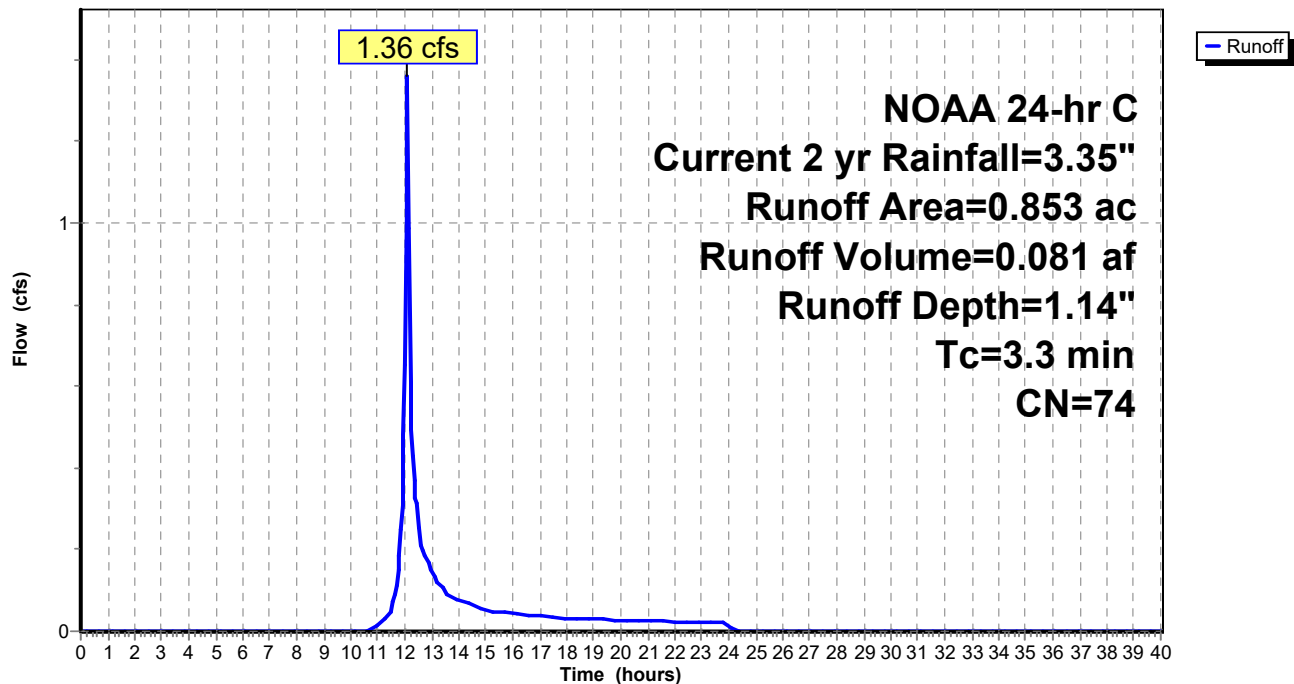
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.853	74	>75% Grass cover, Good, HSG C
0.853		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.3					Direct Entry,

Subcatchment 45P: PDA-45 (pervious)

Hydrograph



Hydrograph for Subcatchment 45P: PDA-45 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.15
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.14
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.13
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.13
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.12
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.12
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.11
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.11
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.10
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.10
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.10
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.09
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.09
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.08
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.08
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.08
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.08
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.08
11.30	0.91	0.01	0.03	13.90	2.72	0.74	0.08
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.08
11.40	0.95	0.02	0.04	14.00	2.74	0.75	0.08
11.45	0.97	0.02	0.05	14.05	2.75	0.75	0.08
11.50	0.99	0.02	0.05	14.10	2.75	0.76	0.07
11.55	1.02	0.03	0.07	14.15	2.76	0.76	0.07
11.60	1.06	0.03	0.09	14.20	2.77	0.76	0.07
11.65	1.09	0.04	0.10	14.25	2.77	0.77	0.07
11.70	1.13	0.05	0.12	14.30	2.78	0.77	0.07
11.75	1.18	0.06	0.15	14.35	2.79	0.78	0.07
11.80	1.23	0.07	0.19	14.40	2.79	0.78	0.07
11.85	1.29	0.09	0.25	14.45	2.80	0.78	0.07
11.90	1.36	0.10	0.31	14.50	2.81	0.79	0.07
11.95	1.48	0.14	0.48	14.55	2.81	0.79	0.06
12.00	1.60	0.18	0.65	14.60	2.82	0.80	0.06
12.05	1.79	0.26	1.02	14.65	2.82	0.80	0.06
12.10	1.99	0.34	1.36	14.70	2.83	0.80	0.06
12.15	2.06	0.38	0.99	14.75	2.84	0.81	0.06
12.20	2.12	0.41	0.61	14.80	2.84	0.81	0.06
12.25	2.17	0.43	0.49	14.85	2.85	0.81	0.06
12.30	2.22	0.46	0.43	14.90	2.85	0.82	0.05
12.35	2.26	0.48	0.37	14.95	2.86	0.82	0.05
12.40	2.29	0.50	0.32	15.00	2.86	0.82	0.05
12.45	2.33	0.51	0.31	15.05	2.87	0.82	0.05
12.50	2.36	0.53	0.31	15.10	2.87	0.83	0.05
12.55	2.38	0.54	0.25	15.15	2.87	0.83	0.05
12.60	2.40	0.55	0.21	15.20	2.88	0.83	0.05
12.65	2.42	0.57	0.20	15.25	2.88	0.84	0.05
12.70	2.44	0.58	0.19	15.30	2.89	0.84	0.05
12.75	2.46	0.59	0.19	15.35	2.89	0.84	0.05
12.80	2.48	0.60	0.18	15.40	2.90	0.84	0.05
12.85	2.50	0.61	0.17	15.45	2.90	0.85	0.05
12.90	2.52	0.62	0.16	15.50	2.91	0.85	0.05
12.95	2.53	0.63	0.15	15.55	2.91	0.85	0.05

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.05	18.20	3.10	0.97	0.03
15.65	2.92	0.86	0.05	18.25	3.10	0.97	0.03
15.70	2.92	0.86	0.05	18.30	3.10	0.97	0.03
15.75	2.93	0.86	0.05	18.35	3.10	0.97	0.03
15.80	2.93	0.87	0.05	18.40	3.11	0.98	0.03
15.85	2.94	0.87	0.05	18.45	3.11	0.98	0.03
15.90	2.94	0.87	0.04	18.50	3.11	0.98	0.03
15.95	2.94	0.87	0.04	18.55	3.11	0.98	0.03
16.00	2.95	0.88	0.04	18.60	3.12	0.98	0.03
16.05	2.95	0.88	0.04	18.65	3.12	0.98	0.03
16.10	2.96	0.88	0.04	18.70	3.12	0.99	0.03
16.15	2.96	0.88	0.04	18.75	3.12	0.99	0.03
16.20	2.96	0.89	0.04	18.80	3.13	0.99	0.03
16.25	2.97	0.89	0.04	18.85	3.13	0.99	0.03
16.30	2.97	0.89	0.04	18.90	3.13	0.99	0.03
16.35	2.98	0.89	0.04	18.95	3.13	0.99	0.03
16.40	2.98	0.90	0.04	19.00	3.14	1.00	0.03
16.45	2.98	0.90	0.04	19.05	3.14	1.00	0.03
16.50	2.99	0.90	0.04	19.10	3.14	1.00	0.03
16.55	2.99	0.90	0.04	19.15	3.14	1.00	0.03
16.60	3.00	0.91	0.04	19.20	3.15	1.00	0.03
16.65	3.00	0.91	0.04	19.25	3.15	1.00	0.03
16.70	3.00	0.91	0.04	19.30	3.15	1.01	0.03
16.75	3.01	0.91	0.04	19.35	3.15	1.01	0.03
16.80	3.01	0.91	0.04	19.40	3.16	1.01	0.03
16.85	3.01	0.92	0.04	19.45	3.16	1.01	0.03
16.90	3.02	0.92	0.04	19.50	3.16	1.01	0.03
16.95	3.02	0.92	0.04	19.55	3.16	1.01	0.03
17.00	3.02	0.92	0.04	19.60	3.17	1.02	0.03
17.05	3.03	0.93	0.04	19.65	3.17	1.02	0.03
17.10	3.03	0.93	0.04	19.70	3.17	1.02	0.03
17.15	3.03	0.93	0.04	19.75	3.17	1.02	0.03
17.20	3.04	0.93	0.04	19.80	3.18	1.02	0.03
17.25	3.04	0.93	0.04	19.85	3.18	1.02	0.03
17.30	3.04	0.94	0.04	19.90	3.18	1.03	0.03
17.35	3.05	0.94	0.04	19.95	3.18	1.03	0.03
17.40	3.05	0.94	0.03	20.00	3.19	1.03	0.03
17.45	3.05	0.94	0.03	20.05	3.19	1.03	0.03
17.50	3.06	0.94	0.03	20.10	3.19	1.03	0.03
17.55	3.06	0.95	0.03	20.15	3.19	1.03	0.03
17.60	3.06	0.95	0.03	20.20	3.20	1.03	0.03
17.65	3.06	0.95	0.03	20.25	3.20	1.04	0.03
17.70	3.07	0.95	0.03	20.30	3.20	1.04	0.03
17.75	3.07	0.95	0.03	20.35	3.20	1.04	0.03
17.80	3.07	0.96	0.03	20.40	3.20	1.04	0.03
17.85	3.08	0.96	0.03	20.45	3.21	1.04	0.03
17.90	3.08	0.96	0.03	20.50	3.21	1.04	0.03
17.95	3.08	0.96	0.03	20.55	3.21	1.05	0.03
18.00	3.08	0.96	0.03	20.60	3.21	1.05	0.03
18.05	3.09	0.96	0.03	20.65	3.22	1.05	0.03
18.10	3.09	0.97	0.03	20.70	3.22	1.05	0.03
18.15	3.09	0.97	0.03	20.75	3.22	1.05	0.03

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.03	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.03	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.03	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.03	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.03	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.03	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.03	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.02	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.02	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.02	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.02	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.02	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.02	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.02	24.05	3.35	1.14	0.01
21.50	3.25	1.07	0.02	24.10	3.35	1.14	0.00
21.55	3.26	1.07	0.02	24.15	3.35	1.14	0.00
21.60	3.26	1.08	0.02	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.02	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.02	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.02	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.02	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.02	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.02	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.02	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.02	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.02	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.02	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.02	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.02	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.02	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.02	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.02	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.02	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.02	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.02	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.02	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.02	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.02	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.02	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.02	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.02	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.02	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.02	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.02	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.02	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.02	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.02	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.02	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.02	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.02	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 46BP: PDA-46B (pervious)

Runoff = 0.65 cfs @ 12.13 hrs, Volume= 0.043 af, Depth= 1.14"
 Routed to Pond B-46B : Basin #46B

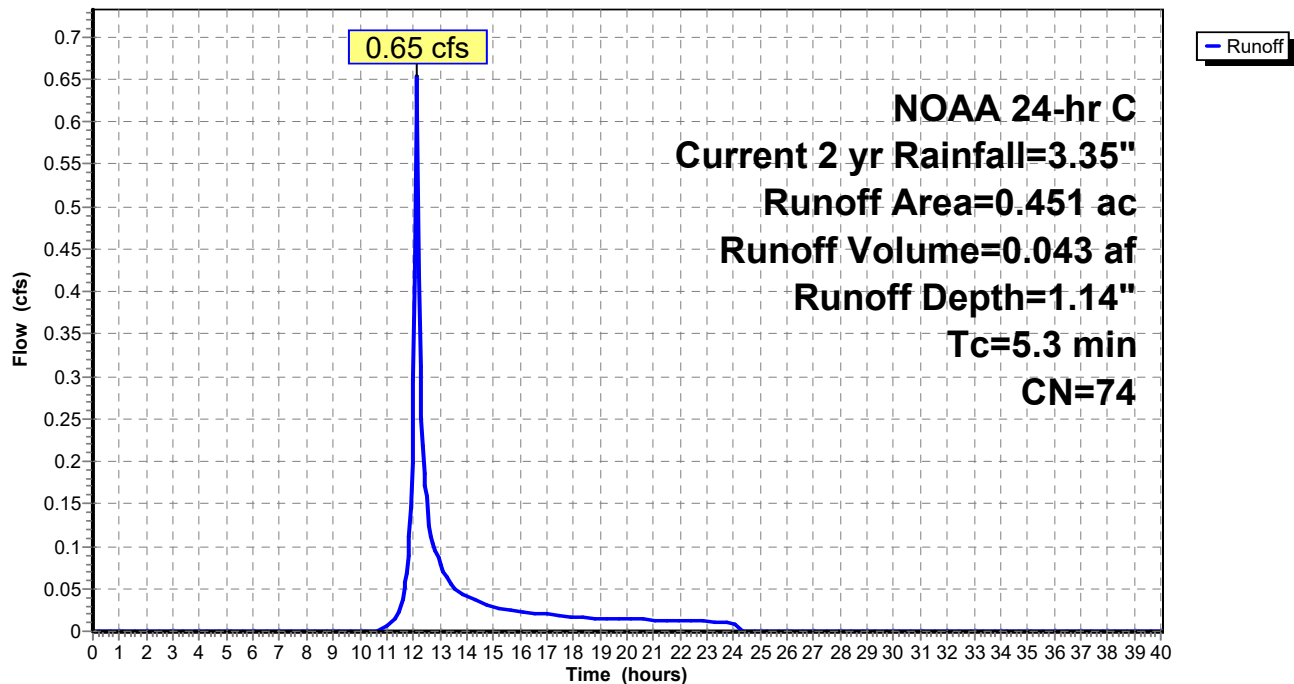
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.451	74	>75% Grass cover, Good, HSG C
0.451		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.3					Direct Entry,

Subcatchment 46BP: PDA-46B (pervious)

Hydrograph



Hydrograph for Subcatchment 46BP: PDA-46B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.08
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.08
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.07
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.07
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.07
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.06
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.06
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.06
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.06
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.05
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.05
10.95	0.79	0.00	0.00	13.55	2.67	0.70	0.05
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.05
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.05
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.04
11.15	0.85	0.01	0.01	13.75	2.70	0.72	0.04
11.20	0.87	0.01	0.01	13.80	2.71	0.73	0.04
11.25	0.89	0.01	0.01	13.85	2.72	0.73	0.04
11.30	0.91	0.01	0.02	13.90	2.72	0.74	0.04
11.35	0.93	0.01	0.02	13.95	2.73	0.74	0.04
11.40	0.95	0.02	0.02	14.00	2.74	0.75	0.04
11.45	0.97	0.02	0.02	14.05	2.75	0.75	0.04
11.50	0.99	0.02	0.03	14.10	2.75	0.76	0.04
11.55	1.02	0.03	0.03	14.15	2.76	0.76	0.04
11.60	1.06	0.03	0.04	14.20	2.77	0.76	0.04
11.65	1.09	0.04	0.05	14.25	2.77	0.77	0.04
11.70	1.13	0.05	0.06	14.30	2.78	0.77	0.04
11.75	1.18	0.06	0.07	14.35	2.79	0.78	0.04
11.80	1.23	0.07	0.09	14.40	2.79	0.78	0.04
11.85	1.29	0.09	0.11	14.45	2.80	0.78	0.04
11.90	1.36	0.10	0.15	14.50	2.81	0.79	0.03
11.95	1.48	0.14	0.20	14.55	2.81	0.79	0.03
12.00	1.60	0.18	0.29	14.60	2.82	0.80	0.03
12.05	1.79	0.26	0.42	14.65	2.82	0.80	0.03
12.10	1.99	0.34	0.62	14.70	2.83	0.80	0.03
12.15	2.06	0.38	0.63	14.75	2.84	0.81	0.03
12.20	2.12	0.41	0.42	14.80	2.84	0.81	0.03
12.25	2.17	0.43	0.31	14.85	2.85	0.81	0.03
12.30	2.22	0.46	0.25	14.90	2.85	0.82	0.03
12.35	2.26	0.48	0.22	14.95	2.86	0.82	0.03
12.40	2.29	0.50	0.18	15.00	2.86	0.82	0.03
12.45	2.33	0.51	0.17	15.05	2.87	0.82	0.03
12.50	2.36	0.53	0.17	15.10	2.87	0.83	0.03
12.55	2.38	0.54	0.15	15.15	2.87	0.83	0.03
12.60	2.40	0.55	0.12	15.20	2.88	0.83	0.03
12.65	2.42	0.57	0.11	15.25	2.88	0.84	0.03
12.70	2.44	0.58	0.10	15.30	2.89	0.84	0.03
12.75	2.46	0.59	0.10	15.35	2.89	0.84	0.03
12.80	2.48	0.60	0.10	15.40	2.90	0.84	0.03
12.85	2.50	0.61	0.09	15.45	2.90	0.85	0.03
12.90	2.52	0.62	0.09	15.50	2.91	0.85	0.03
12.95	2.53	0.63	0.09	15.55	2.91	0.85	0.02

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.02	18.20	3.10	0.97	0.02
15.65	2.92	0.86	0.02	18.25	3.10	0.97	0.02
15.70	2.92	0.86	0.02	18.30	3.10	0.97	0.02
15.75	2.93	0.86	0.02	18.35	3.10	0.97	0.02
15.80	2.93	0.87	0.02	18.40	3.11	0.98	0.02
15.85	2.94	0.87	0.02	18.45	3.11	0.98	0.02
15.90	2.94	0.87	0.02	18.50	3.11	0.98	0.02
15.95	2.94	0.87	0.02	18.55	3.11	0.98	0.02
16.00	2.95	0.88	0.02	18.60	3.12	0.98	0.02
16.05	2.95	0.88	0.02	18.65	3.12	0.98	0.02
16.10	2.96	0.88	0.02	18.70	3.12	0.99	0.02
16.15	2.96	0.88	0.02	18.75	3.12	0.99	0.02
16.20	2.96	0.89	0.02	18.80	3.13	0.99	0.02
16.25	2.97	0.89	0.02	18.85	3.13	0.99	0.02
16.30	2.97	0.89	0.02	18.90	3.13	0.99	0.02
16.35	2.98	0.89	0.02	18.95	3.13	0.99	0.02
16.40	2.98	0.90	0.02	19.00	3.14	1.00	0.02
16.45	2.98	0.90	0.02	19.05	3.14	1.00	0.02
16.50	2.99	0.90	0.02	19.10	3.14	1.00	0.02
16.55	2.99	0.90	0.02	19.15	3.14	1.00	0.01
16.60	3.00	0.91	0.02	19.20	3.15	1.00	0.01
16.65	3.00	0.91	0.02	19.25	3.15	1.00	0.01
16.70	3.00	0.91	0.02	19.30	3.15	1.01	0.01
16.75	3.01	0.91	0.02	19.35	3.15	1.01	0.01
16.80	3.01	0.91	0.02	19.40	3.16	1.01	0.01
16.85	3.01	0.92	0.02	19.45	3.16	1.01	0.01
16.90	3.02	0.92	0.02	19.50	3.16	1.01	0.01
16.95	3.02	0.92	0.02	19.55	3.16	1.01	0.01
17.00	3.02	0.92	0.02	19.60	3.17	1.02	0.01
17.05	3.03	0.93	0.02	19.65	3.17	1.02	0.01
17.10	3.03	0.93	0.02	19.70	3.17	1.02	0.01
17.15	3.03	0.93	0.02	19.75	3.17	1.02	0.01
17.20	3.04	0.93	0.02	19.80	3.18	1.02	0.01
17.25	3.04	0.93	0.02	19.85	3.18	1.02	0.01
17.30	3.04	0.94	0.02	19.90	3.18	1.03	0.01
17.35	3.05	0.94	0.02	19.95	3.18	1.03	0.01
17.40	3.05	0.94	0.02	20.00	3.19	1.03	0.01
17.45	3.05	0.94	0.02	20.05	3.19	1.03	0.01
17.50	3.06	0.94	0.02	20.10	3.19	1.03	0.01
17.55	3.06	0.95	0.02	20.15	3.19	1.03	0.01
17.60	3.06	0.95	0.02	20.20	3.20	1.03	0.01
17.65	3.06	0.95	0.02	20.25	3.20	1.04	0.01
17.70	3.07	0.95	0.02	20.30	3.20	1.04	0.01
17.75	3.07	0.95	0.02	20.35	3.20	1.04	0.01
17.80	3.07	0.96	0.02	20.40	3.20	1.04	0.01
17.85	3.08	0.96	0.02	20.45	3.21	1.04	0.01
17.90	3.08	0.96	0.02	20.50	3.21	1.04	0.01
17.95	3.08	0.96	0.02	20.55	3.21	1.05	0.01
18.00	3.08	0.96	0.02	20.60	3.21	1.05	0.01
18.05	3.09	0.96	0.02	20.65	3.22	1.05	0.01
18.10	3.09	0.97	0.02	20.70	3.22	1.05	0.01
18.15	3.09	0.97	0.02	20.75	3.22	1.05	0.01

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.01	23.40	3.33	1.12	0.01
20.85	3.23	1.05	0.01	23.45	3.33	1.12	0.01
20.90	3.23	1.06	0.01	23.50	3.33	1.13	0.01
20.95	3.23	1.06	0.01	23.55	3.33	1.13	0.01
21.00	3.23	1.06	0.01	23.60	3.34	1.13	0.01
21.05	3.23	1.06	0.01	23.65	3.34	1.13	0.01
21.10	3.24	1.06	0.01	23.70	3.34	1.13	0.01
21.15	3.24	1.06	0.01	23.75	3.34	1.13	0.01
21.20	3.24	1.06	0.01	23.80	3.34	1.13	0.01
21.25	3.24	1.07	0.01	23.85	3.34	1.13	0.01
21.30	3.24	1.07	0.01	23.90	3.35	1.13	0.01
21.35	3.25	1.07	0.01	23.95	3.35	1.14	0.01
21.40	3.25	1.07	0.01	24.00	3.35	1.14	0.01
21.45	3.25	1.07	0.01	24.05	3.35	1.14	0.01
21.50	3.25	1.07	0.01	24.10	3.35	1.14	0.00
21.55	3.26	1.07	0.01	24.15	3.35	1.14	0.00
21.60	3.26	1.08	0.01	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.01	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.01	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.01	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.01	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.01	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.01	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.01	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.01	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.01	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.01	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.01	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.01	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.01	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.01	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.01	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.01	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.01	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.01	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.01	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.01	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.01	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.01	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.01	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.01	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.01	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.01	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.01	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.01	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.01	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.01	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.01	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.01	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.01	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.01	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.01	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 46I: PDA-46 (impervious)

Runoff = 4.54 cfs @ 12.08 hrs, Volume= 0.298 af, Depth= 3.12"
 Routed to Pond B-46A : Basin #46A

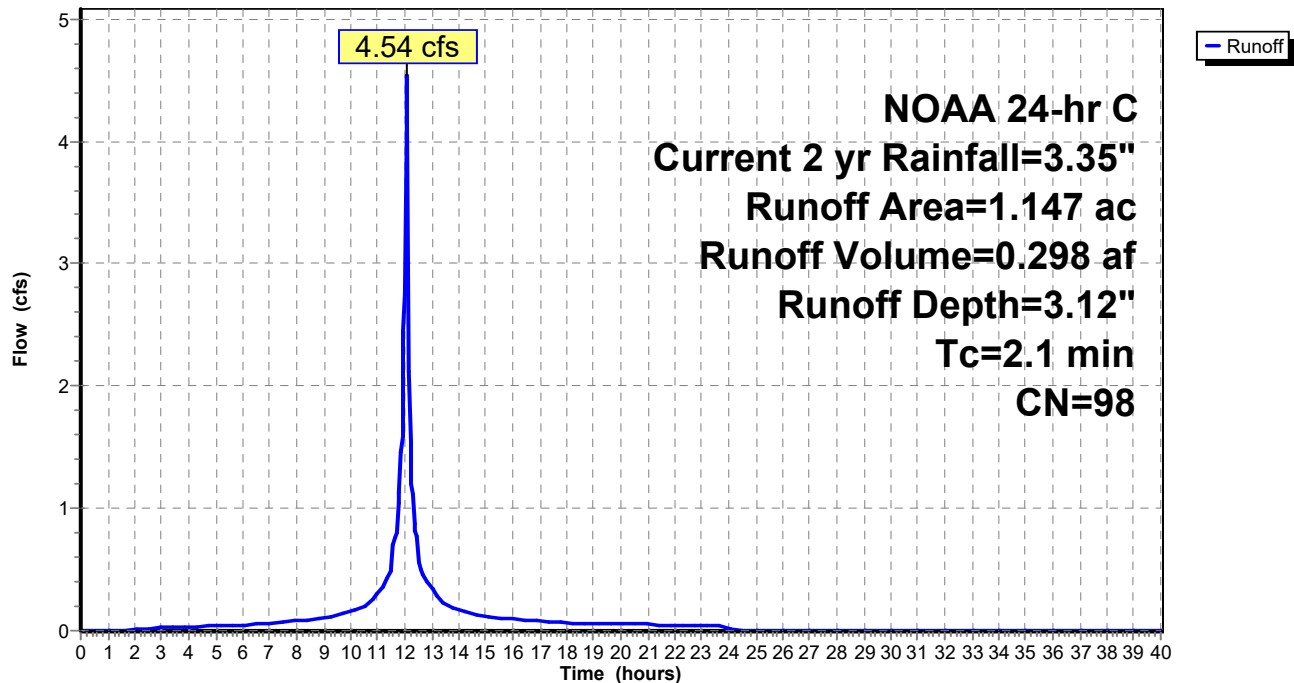
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.430	98	Pavement, HSG C
* 0.653	98	Roof, HSG C
* 0.064	98	Concrete, HSG C
1.147	98	Weighted Average
1.147		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.1					Direct Entry,

Subcatchment 46I: PDA-46 (impervious)

Hydrograph



Hydrograph for Subcatchment 46I: PDA-46 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.02
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.02
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.02
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.02
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.02
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.02
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.02
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.02
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.02
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.02
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.02
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.03
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.03
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.03
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.03
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.03
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.03
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.03
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.03
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.03
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.03
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.03
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.03
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.03
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.03
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.03
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.03
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.03
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.03
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.03
1.50	0.06	0.00	0.01	4.10	0.17	0.05	0.03
1.55	0.06	0.00	0.01	4.15	0.17	0.05	0.03
1.60	0.06	0.00	0.01	4.20	0.17	0.05	0.03
1.65	0.06	0.00	0.01	4.25	0.18	0.05	0.04
1.70	0.06	0.00	0.01	4.30	0.18	0.06	0.04
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.04
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.04
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.04
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.04
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.04
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.04
2.05	0.08	0.01	0.01	4.65	0.20	0.07	0.04
2.10	0.08	0.01	0.01	4.70	0.20	0.07	0.04
2.15	0.08	0.01	0.01	4.75	0.20	0.07	0.04
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.04
2.25	0.09	0.01	0.02	4.85	0.21	0.07	0.04
2.30	0.09	0.01	0.02	4.90	0.21	0.08	0.04
2.35	0.09	0.01	0.02	4.95	0.21	0.08	0.04
2.40	0.09	0.01	0.02	5.00	0.21	0.08	0.04
2.45	0.09	0.01	0.02	5.05	0.22	0.08	0.04
2.50	0.10	0.01	0.02	5.10	0.22	0.08	0.04
2.55	0.10	0.01	0.02	5.15	0.22	0.08	0.04

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.04	7.80	0.39	0.22	0.08
5.25	0.23	0.09	0.04	7.85	0.39	0.22	0.08
5.30	0.23	0.09	0.04	7.90	0.39	0.22	0.08
5.35	0.23	0.09	0.04	7.95	0.40	0.23	0.08
5.40	0.23	0.09	0.04	8.00	0.40	0.23	0.08
5.45	0.24	0.10	0.04	8.05	0.41	0.23	0.08
5.50	0.24	0.10	0.04	8.10	0.41	0.24	0.08
5.55	0.24	0.10	0.05	8.15	0.41	0.24	0.08
5.60	0.24	0.10	0.05	8.20	0.42	0.24	0.08
5.65	0.25	0.10	0.05	8.25	0.42	0.25	0.09
5.70	0.25	0.11	0.05	8.30	0.43	0.25	0.09
5.75	0.25	0.11	0.05	8.35	0.43	0.26	0.09
5.80	0.25	0.11	0.05	8.40	0.43	0.26	0.09
5.85	0.26	0.11	0.05	8.45	0.44	0.26	0.09
5.90	0.26	0.11	0.05	8.50	0.44	0.27	0.09
5.95	0.26	0.12	0.05	8.55	0.45	0.27	0.09
6.00	0.27	0.12	0.05	8.60	0.45	0.28	0.09
6.05	0.27	0.12	0.05	8.65	0.46	0.28	0.09
6.10	0.27	0.12	0.05	8.70	0.46	0.28	0.09
6.15	0.27	0.12	0.05	8.75	0.47	0.29	0.09
6.20	0.28	0.13	0.05	8.80	0.47	0.29	0.09
6.25	0.28	0.13	0.05	8.85	0.48	0.30	0.10
6.30	0.28	0.13	0.05	8.90	0.48	0.30	0.10
6.35	0.29	0.13	0.05	8.95	0.48	0.30	0.10
6.40	0.29	0.14	0.05	9.00	0.49	0.31	0.10
6.45	0.29	0.14	0.06	9.05	0.49	0.31	0.10
6.50	0.29	0.14	0.06	9.10	0.50	0.32	0.10
6.55	0.30	0.14	0.06	9.15	0.50	0.32	0.11
6.60	0.30	0.15	0.06	9.20	0.51	0.33	0.11
6.65	0.30	0.15	0.06	9.25	0.51	0.33	0.11
6.70	0.31	0.15	0.06	9.30	0.52	0.34	0.12
6.75	0.31	0.15	0.06	9.35	0.53	0.34	0.12
6.80	0.31	0.16	0.06	9.40	0.53	0.35	0.12
6.85	0.32	0.16	0.06	9.45	0.54	0.35	0.12
6.90	0.32	0.16	0.06	9.50	0.54	0.36	0.13
6.95	0.32	0.16	0.06	9.55	0.55	0.36	0.13
7.00	0.33	0.17	0.06	9.60	0.56	0.37	0.13
7.05	0.33	0.17	0.07	9.65	0.56	0.38	0.14
7.10	0.33	0.17	0.07	9.70	0.57	0.38	0.14
7.15	0.34	0.18	0.07	9.75	0.58	0.39	0.14
7.20	0.34	0.18	0.07	9.80	0.58	0.39	0.14
7.25	0.34	0.18	0.07	9.85	0.59	0.40	0.15
7.30	0.35	0.18	0.07	9.90	0.60	0.41	0.15
7.35	0.35	0.19	0.07	9.95	0.60	0.41	0.15
7.40	0.35	0.19	0.07	10.00	0.61	0.42	0.16
7.45	0.36	0.19	0.07	10.05	0.62	0.43	0.16
7.50	0.36	0.20	0.07	10.10	0.63	0.43	0.16
7.55	0.37	0.20	0.07	10.15	0.63	0.44	0.17
7.60	0.37	0.20	0.07	10.20	0.64	0.45	0.17
7.65	0.37	0.21	0.08	10.25	0.65	0.46	0.17
7.70	0.38	0.21	0.08	10.30	0.66	0.46	0.17
7.75	0.38	0.21	0.08	10.35	0.67	0.47	0.18

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.18	13.00	2.55	2.32	0.34
10.45	0.68	0.49	0.18	13.05	2.56	2.33	0.31
10.50	0.69	0.49	0.19	13.10	2.57	2.34	0.30
10.55	0.70	0.50	0.20	13.15	2.58	2.36	0.29
10.60	0.71	0.51	0.21	13.20	2.60	2.37	0.28
10.65	0.72	0.52	0.22	13.25	2.61	2.38	0.27
10.70	0.73	0.53	0.23	13.30	2.62	2.39	0.26
10.75	0.74	0.54	0.25	13.35	2.63	2.40	0.24
10.80	0.75	0.55	0.25	13.40	2.64	2.41	0.24
10.85	0.77	0.57	0.27	13.45	2.65	2.42	0.22
10.90	0.78	0.58	0.27	13.50	2.66	2.43	0.22
10.95	0.79	0.59	0.29	13.55	2.67	2.44	0.20
11.00	0.80	0.60	0.30	13.60	2.68	2.45	0.19
11.05	0.82	0.62	0.33	13.65	2.68	2.45	0.19
11.10	0.83	0.63	0.34	13.70	2.69	2.46	0.19
11.15	0.85	0.65	0.37	13.75	2.70	2.47	0.18
11.20	0.87	0.66	0.38	13.80	2.71	2.48	0.18
11.25	0.89	0.68	0.41	13.85	2.72	2.49	0.18
11.30	0.91	0.70	0.42	13.90	2.72	2.49	0.18
11.35	0.93	0.72	0.45	13.95	2.73	2.50	0.17
11.40	0.95	0.74	0.46	14.00	2.74	2.51	0.17
11.45	0.97	0.76	0.48	14.05	2.75	2.52	0.17
11.50	0.99	0.78	0.50	14.10	2.75	2.52	0.17
11.55	1.02	0.81	0.71	14.15	2.76	2.53	0.16
11.60	1.06	0.85	0.76	14.20	2.77	2.54	0.16
11.65	1.09	0.88	0.79	14.25	2.77	2.54	0.16
11.70	1.13	0.92	0.82	14.30	2.78	2.55	0.15
11.75	1.18	0.96	1.05	14.35	2.79	2.56	0.15
11.80	1.23	1.01	1.12	14.40	2.79	2.56	0.15
11.85	1.29	1.08	1.45	14.45	2.80	2.57	0.14
11.90	1.36	1.14	1.59	14.50	2.81	2.58	0.14
11.95	1.48	1.26	2.45	14.55	2.81	2.58	0.14
12.00	1.60	1.38	2.75	14.60	2.82	2.59	0.14
12.05	1.79	1.57	4.12	14.65	2.82	2.59	0.13
12.10	1.99	1.76	4.33	14.70	2.83	2.60	0.13
12.15	2.06	1.83	2.12	14.75	2.84	2.60	0.13
12.20	2.12	1.90	1.55	14.80	2.84	2.61	0.13
12.25	2.17	1.95	1.21	14.85	2.85	2.61	0.12
12.30	2.22	1.99	1.11	14.90	2.85	2.62	0.12
12.35	2.26	2.03	0.88	14.95	2.86	2.62	0.11
12.40	2.29	2.06	0.82	15.00	2.86	2.63	0.11
12.45	2.33	2.10	0.79	15.05	2.87	2.63	0.11
12.50	2.36	2.13	0.77	15.10	2.87	2.64	0.11
12.55	2.38	2.15	0.56	15.15	2.87	2.64	0.11
12.60	2.40	2.18	0.50	15.20	2.88	2.65	0.11
12.65	2.42	2.20	0.48	15.25	2.88	2.65	0.11
12.70	2.44	2.22	0.47	15.30	2.89	2.66	0.10
12.75	2.46	2.23	0.44	15.35	2.89	2.66	0.10
12.80	2.48	2.25	0.43	15.40	2.90	2.67	0.10
12.85	2.50	2.27	0.40	15.45	2.90	2.67	0.10
12.90	2.52	2.29	0.39	15.50	2.91	2.68	0.10
12.95	2.53	2.30	0.35	15.55	2.91	2.68	0.10

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.10	18.20	3.10	2.86	0.06
15.65	2.92	2.69	0.10	18.25	3.10	2.87	0.06
15.70	2.92	2.69	0.10	18.30	3.10	2.87	0.06
15.75	2.93	2.70	0.10	18.35	3.10	2.87	0.06
15.80	2.93	2.70	0.10	18.40	3.11	2.87	0.06
15.85	2.94	2.70	0.10	18.45	3.11	2.88	0.06
15.90	2.94	2.71	0.10	18.50	3.11	2.88	0.06
15.95	2.94	2.71	0.09	18.55	3.11	2.88	0.06
16.00	2.95	2.72	0.09	18.60	3.12	2.88	0.06
16.05	2.95	2.72	0.09	18.65	3.12	2.89	0.06
16.10	2.96	2.73	0.09	18.70	3.12	2.89	0.06
16.15	2.96	2.73	0.09	18.75	3.12	2.89	0.06
16.20	2.96	2.73	0.09	18.80	3.13	2.89	0.06
16.25	2.97	2.74	0.09	18.85	3.13	2.90	0.06
16.30	2.97	2.74	0.09	18.90	3.13	2.90	0.06
16.35	2.98	2.74	0.09	18.95	3.13	2.90	0.06
16.40	2.98	2.75	0.09	19.00	3.14	2.90	0.06
16.45	2.98	2.75	0.09	19.05	3.14	2.91	0.06
16.50	2.99	2.76	0.09	19.10	3.14	2.91	0.06
16.55	2.99	2.76	0.09	19.15	3.14	2.91	0.06
16.60	3.00	2.76	0.09	19.20	3.15	2.91	0.06
16.65	3.00	2.77	0.08	19.25	3.15	2.92	0.06
16.70	3.00	2.77	0.08	19.30	3.15	2.92	0.06
16.75	3.01	2.77	0.08	19.35	3.15	2.92	0.06
16.80	3.01	2.78	0.08	19.40	3.16	2.92	0.06
16.85	3.01	2.78	0.08	19.45	3.16	2.93	0.06
16.90	3.02	2.78	0.08	19.50	3.16	2.93	0.06
16.95	3.02	2.79	0.08	19.55	3.16	2.93	0.06
17.00	3.02	2.79	0.08	19.60	3.17	2.93	0.06
17.05	3.03	2.79	0.08	19.65	3.17	2.94	0.06
17.10	3.03	2.80	0.08	19.70	3.17	2.94	0.06
17.15	3.03	2.80	0.08	19.75	3.17	2.94	0.06
17.20	3.04	2.80	0.08	19.80	3.18	2.94	0.06
17.25	3.04	2.81	0.07	19.85	3.18	2.95	0.06
17.30	3.04	2.81	0.07	19.90	3.18	2.95	0.06
17.35	3.05	2.81	0.07	19.95	3.18	2.95	0.05
17.40	3.05	2.82	0.07	20.00	3.19	2.95	0.05
17.45	3.05	2.82	0.07	20.05	3.19	2.96	0.05
17.50	3.06	2.82	0.07	20.10	3.19	2.96	0.05
17.55	3.06	2.83	0.07	20.15	3.19	2.96	0.05
17.60	3.06	2.83	0.07	20.20	3.20	2.96	0.05
17.65	3.06	2.83	0.07	20.25	3.20	2.97	0.05
17.70	3.07	2.84	0.07	20.30	3.20	2.97	0.05
17.75	3.07	2.84	0.07	20.35	3.20	2.97	0.05
17.80	3.07	2.84	0.07	20.40	3.20	2.97	0.05
17.85	3.08	2.84	0.07	20.45	3.21	2.97	0.05
17.90	3.08	2.85	0.07	20.50	3.21	2.98	0.05
17.95	3.08	2.85	0.06	20.55	3.21	2.98	0.05
18.00	3.08	2.85	0.06	20.60	3.21	2.98	0.05
18.05	3.09	2.86	0.06	20.65	3.22	2.98	0.05
18.10	3.09	2.86	0.06	20.70	3.22	2.99	0.05
18.15	3.09	2.86	0.06	20.75	3.22	2.99	0.05

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.05	23.40	3.33	3.10	0.04
20.85	3.23	2.99	0.05	23.45	3.33	3.10	0.04
20.90	3.23	2.99	0.05	23.50	3.33	3.10	0.04
20.95	3.23	3.00	0.05	23.55	3.33	3.10	0.04
21.00	3.23	3.00	0.05	23.60	3.34	3.10	0.04
21.05	3.23	3.00	0.05	23.65	3.34	3.10	0.04
21.10	3.24	3.00	0.05	23.70	3.34	3.11	0.04
21.15	3.24	3.01	0.05	23.75	3.34	3.11	0.04
21.20	3.24	3.01	0.05	23.80	3.34	3.11	0.04
21.25	3.24	3.01	0.05	23.85	3.34	3.11	0.04
21.30	3.24	3.01	0.05	23.90	3.35	3.11	0.04
21.35	3.25	3.01	0.05	23.95	3.35	3.11	0.05
21.40	3.25	3.02	0.05	24.00	3.35	3.12	0.05
21.45	3.25	3.02	0.05	24.05	3.35	3.12	0.01
21.50	3.25	3.02	0.05	24.10	3.35	3.12	0.00
21.55	3.26	3.02	0.05	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.05	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.05	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.05	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.05	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.05	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.05	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.05	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.05	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.05	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.05	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.05	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.05	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.05	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.05	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.05	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.05	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.05	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.05	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.05	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.05	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.05	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.04	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.04	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.04	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.04	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.04	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.04	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.04	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.04	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.04	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.04	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.04	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.04	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.04	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.04	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.04	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 46P: PDA-46 (pervious)

Runoff = 2.22 cfs @ 12.09 hrs, Volume= 0.126 af, Depth= 1.14"
 Routed to Pond B-46A : Basin #46A

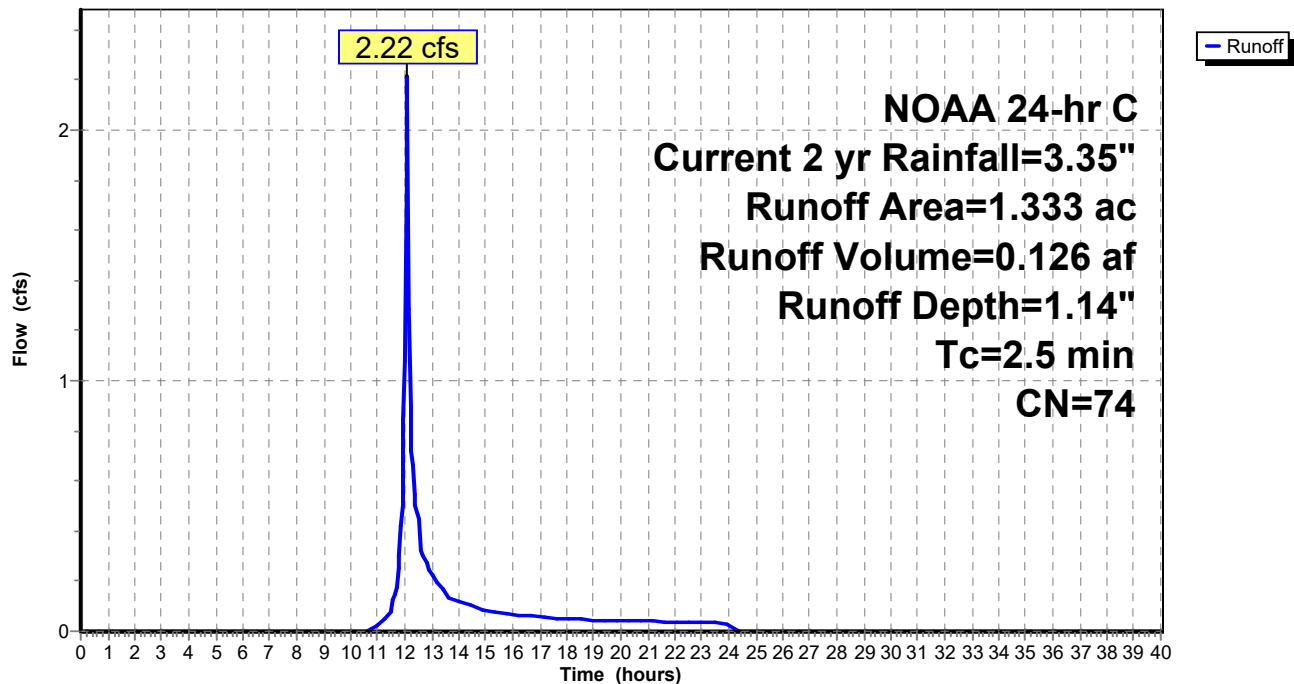
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.333	74	>75% Grass cover, Good, HSG C
1.333		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.5					Direct Entry,

Subcatchment 46P: PDA-46 (pervious)

Hydrograph



Hydrograph for Subcatchment 46P: PDA-46 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.23
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.21
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.20
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.19
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.19
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.18
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.18
10.75	0.74	0.00	0.01	13.35	2.63	0.68	0.17
10.80	0.75	0.00	0.01	13.40	2.64	0.69	0.16
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.15
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.15
10.95	0.79	0.00	0.02	13.55	2.67	0.70	0.14
11.00	0.80	0.00	0.02	13.60	2.68	0.71	0.13
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.13
11.10	0.83	0.00	0.03	13.70	2.69	0.72	0.13
11.15	0.85	0.01	0.03	13.75	2.70	0.72	0.13
11.20	0.87	0.01	0.04	13.80	2.71	0.73	0.13
11.25	0.89	0.01	0.04	13.85	2.72	0.73	0.12
11.30	0.91	0.01	0.05	13.90	2.72	0.74	0.12
11.35	0.93	0.01	0.06	13.95	2.73	0.74	0.12
11.40	0.95	0.02	0.07	14.00	2.74	0.75	0.12
11.45	0.97	0.02	0.07	14.05	2.75	0.75	0.12
11.50	0.99	0.02	0.08	14.10	2.75	0.76	0.12
11.55	1.02	0.03	0.12	14.15	2.76	0.76	0.11
11.60	1.06	0.03	0.15	14.20	2.77	0.76	0.11
11.65	1.09	0.04	0.17	14.25	2.77	0.77	0.11
11.70	1.13	0.05	0.19	14.30	2.78	0.77	0.11
11.75	1.18	0.06	0.26	14.35	2.79	0.78	0.11
11.80	1.23	0.07	0.30	14.40	2.79	0.78	0.11
11.85	1.29	0.09	0.42	14.45	2.80	0.78	0.10
11.90	1.36	0.10	0.51	14.50	2.81	0.79	0.10
11.95	1.48	0.14	0.84	14.55	2.81	0.79	0.10
12.00	1.60	0.18	1.08	14.60	2.82	0.80	0.10
12.05	1.79	0.26	1.78	14.65	2.82	0.80	0.09
12.10	1.99	0.34	2.19	14.70	2.83	0.80	0.09
12.15	2.06	0.38	1.29	14.75	2.84	0.81	0.09
12.20	2.12	0.41	0.89	14.80	2.84	0.81	0.09
12.25	2.17	0.43	0.72	14.85	2.85	0.81	0.09
12.30	2.22	0.46	0.66	14.90	2.85	0.82	0.09
12.35	2.26	0.48	0.54	14.95	2.86	0.82	0.08
12.40	2.29	0.50	0.50	15.00	2.86	0.82	0.08
12.45	2.33	0.51	0.49	15.05	2.87	0.82	0.08
12.50	2.36	0.53	0.48	15.10	2.87	0.83	0.08
12.55	2.38	0.54	0.37	15.15	2.87	0.83	0.08
12.60	2.40	0.55	0.32	15.20	2.88	0.83	0.08
12.65	2.42	0.57	0.31	15.25	2.88	0.84	0.08
12.70	2.44	0.58	0.30	15.30	2.89	0.84	0.08
12.75	2.46	0.59	0.29	15.35	2.89	0.84	0.08
12.80	2.48	0.60	0.28	15.40	2.90	0.84	0.08
12.85	2.50	0.61	0.26	15.45	2.90	0.85	0.07
12.90	2.52	0.62	0.26	15.50	2.91	0.85	0.07
12.95	2.53	0.63	0.24	15.55	2.91	0.85	0.07

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.07	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.07	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.07	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.07	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.07	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.07	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.07	18.50	3.11	0.98	0.05
15.95	2.94	0.87	0.07	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.07	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.07	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.07	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.07	18.75	3.12	0.99	0.05
16.20	2.96	0.89	0.07	18.80	3.13	0.99	0.05
16.25	2.97	0.89	0.07	18.85	3.13	0.99	0.04
16.30	2.97	0.89	0.07	18.90	3.13	0.99	0.04
16.35	2.98	0.89	0.07	18.95	3.13	0.99	0.04
16.40	2.98	0.90	0.07	19.00	3.14	1.00	0.04
16.45	2.98	0.90	0.06	19.05	3.14	1.00	0.04
16.50	2.99	0.90	0.06	19.10	3.14	1.00	0.04
16.55	2.99	0.90	0.06	19.15	3.14	1.00	0.04
16.60	3.00	0.91	0.06	19.20	3.15	1.00	0.04
16.65	3.00	0.91	0.06	19.25	3.15	1.00	0.04
16.70	3.00	0.91	0.06	19.30	3.15	1.01	0.04
16.75	3.01	0.91	0.06	19.35	3.15	1.01	0.04
16.80	3.01	0.91	0.06	19.40	3.16	1.01	0.04
16.85	3.01	0.92	0.06	19.45	3.16	1.01	0.04
16.90	3.02	0.92	0.06	19.50	3.16	1.01	0.04
16.95	3.02	0.92	0.06	19.55	3.16	1.01	0.04
17.00	3.02	0.92	0.06	19.60	3.17	1.02	0.04
17.05	3.03	0.93	0.06	19.65	3.17	1.02	0.04
17.10	3.03	0.93	0.06	19.70	3.17	1.02	0.04
17.15	3.03	0.93	0.06	19.75	3.17	1.02	0.04
17.20	3.04	0.93	0.06	19.80	3.18	1.02	0.04
17.25	3.04	0.93	0.06	19.85	3.18	1.02	0.04
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.04
17.35	3.05	0.94	0.05	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.05	20.00	3.19	1.03	0.04
17.45	3.05	0.94	0.05	20.05	3.19	1.03	0.04
17.50	3.06	0.94	0.05	20.10	3.19	1.03	0.04
17.55	3.06	0.95	0.05	20.15	3.19	1.03	0.04
17.60	3.06	0.95	0.05	20.20	3.20	1.03	0.04
17.65	3.06	0.95	0.05	20.25	3.20	1.04	0.04
17.70	3.07	0.95	0.05	20.30	3.20	1.04	0.04
17.75	3.07	0.95	0.05	20.35	3.20	1.04	0.04
17.80	3.07	0.96	0.05	20.40	3.20	1.04	0.04
17.85	3.08	0.96	0.05	20.45	3.21	1.04	0.04
17.90	3.08	0.96	0.05	20.50	3.21	1.04	0.04
17.95	3.08	0.96	0.05	20.55	3.21	1.05	0.04
18.00	3.08	0.96	0.05	20.60	3.21	1.05	0.04
18.05	3.09	0.96	0.05	20.65	3.22	1.05	0.04
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.04
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.04

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.04	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.04	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.04	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.04
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.01
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.00
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.00
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.03	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.03	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

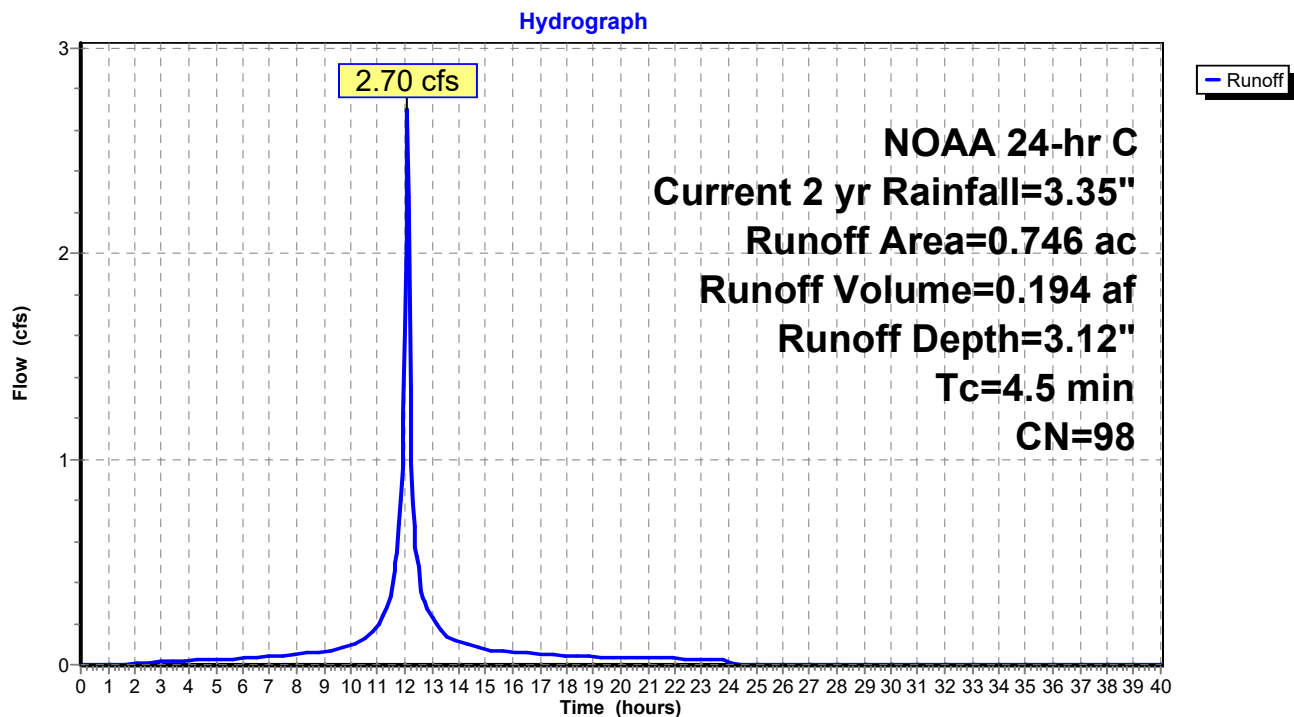
Summary for Subcatchment 47I: PDA-47 (impervious)

Runoff = 2.70 cfs @ 12.10 hrs, Volume= 0.194 af, Depth= 3.12"
 Routed to Pond B-47 : Basin #47

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.244	98	Pavement, HSG C
* 0.484	98	Roof, HSG C
* 0.018	98	Concrete, HSG C
0.746	98	Weighted Average
0.746		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.5					Direct Entry,

Subcatchment 47I: PDA-47 (impervious)

Hydrograph for Subcatchment 47I: PDA-47 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.01
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.01
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.01
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.01
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.01
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.02
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.02
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.02
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.02
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.02
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.02
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.02
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.02
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.02
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.02
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.02
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.02
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.02
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.02
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.02
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.02
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.02
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.02
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.02
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.02
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.02
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.02
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.02
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.02
1.60	0.06	0.00	0.00	4.20	0.17	0.05	0.02
1.65	0.06	0.00	0.00	4.25	0.18	0.05	0.02
1.70	0.06	0.00	0.01	4.30	0.18	0.06	0.02
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.02
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.02
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.02
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.02
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.02
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.02
2.05	0.08	0.01	0.01	4.65	0.20	0.07	0.02
2.10	0.08	0.01	0.01	4.70	0.20	0.07	0.03
2.15	0.08	0.01	0.01	4.75	0.20	0.07	0.03
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.03
2.25	0.09	0.01	0.01	4.85	0.21	0.07	0.03
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.03
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.03
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.03
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.03
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.03
2.55	0.10	0.01	0.01	5.15	0.22	0.08	0.03

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.05
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.05
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.05
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.05
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.05
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.05
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.05
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.06
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.06
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.06
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.06
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.06
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.06
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.06
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.06
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.06
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.06
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.06
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.06
6.25	0.28	0.13	0.03	8.85	0.48	0.30	0.06
6.30	0.28	0.13	0.03	8.90	0.48	0.30	0.06
6.35	0.29	0.13	0.03	8.95	0.48	0.30	0.06
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.06
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.06
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.07
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.07
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.07
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.07
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.07
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.08
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.08
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.08
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.08
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.08
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.09
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.09
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.09
7.15	0.34	0.18	0.04	9.75	0.58	0.39	0.09
7.20	0.34	0.18	0.04	9.80	0.58	0.39	0.09
7.25	0.34	0.18	0.04	9.85	0.59	0.40	0.09
7.30	0.35	0.18	0.04	9.90	0.60	0.41	0.10
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.10
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.10
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.10
7.50	0.36	0.20	0.05	10.10	0.63	0.43	0.10
7.55	0.37	0.20	0.05	10.15	0.63	0.44	0.11
7.60	0.37	0.20	0.05	10.20	0.64	0.45	0.11
7.65	0.37	0.21	0.05	10.25	0.65	0.46	0.11
7.70	0.38	0.21	0.05	10.30	0.66	0.46	0.11
7.75	0.38	0.21	0.05	10.35	0.67	0.47	0.11

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.12	13.00	2.55	2.32	0.23
10.45	0.68	0.49	0.12	13.05	2.56	2.33	0.22
10.50	0.69	0.49	0.12	13.10	2.57	2.34	0.20
10.55	0.70	0.50	0.12	13.15	2.58	2.36	0.20
10.60	0.71	0.51	0.13	13.20	2.60	2.37	0.19
10.65	0.72	0.52	0.14	13.25	2.61	2.38	0.18
10.70	0.73	0.53	0.15	13.30	2.62	2.39	0.17
10.75	0.74	0.54	0.15	13.35	2.63	2.40	0.17
10.80	0.75	0.55	0.16	13.40	2.64	2.41	0.16
10.85	0.77	0.57	0.17	13.45	2.65	2.42	0.15
10.90	0.78	0.58	0.17	13.50	2.66	2.43	0.14
10.95	0.79	0.59	0.18	13.55	2.67	2.44	0.14
11.00	0.80	0.60	0.19	13.60	2.68	2.45	0.13
11.05	0.82	0.62	0.20	13.65	2.68	2.45	0.13
11.10	0.83	0.63	0.21	13.70	2.69	2.46	0.12
11.15	0.85	0.65	0.22	13.75	2.70	2.47	0.12
11.20	0.87	0.66	0.24	13.80	2.71	2.48	0.12
11.25	0.89	0.68	0.25	13.85	2.72	2.49	0.12
11.30	0.91	0.70	0.27	13.90	2.72	2.49	0.12
11.35	0.93	0.72	0.28	13.95	2.73	2.50	0.11
11.40	0.95	0.74	0.29	14.00	2.74	2.51	0.11
11.45	0.97	0.76	0.30	14.05	2.75	2.52	0.11
11.50	0.99	0.78	0.32	14.10	2.75	2.52	0.11
11.55	1.02	0.81	0.37	14.15	2.76	2.53	0.11
11.60	1.06	0.85	0.46	14.20	2.77	2.54	0.10
11.65	1.09	0.88	0.50	14.25	2.77	2.54	0.10
11.70	1.13	0.92	0.52	14.30	2.78	2.55	0.10
11.75	1.18	0.96	0.58	14.35	2.79	2.56	0.10
11.80	1.23	1.01	0.69	14.40	2.79	2.56	0.10
11.85	1.29	1.08	0.80	14.45	2.80	2.57	0.10
11.90	1.36	1.14	0.95	14.50	2.81	2.58	0.09
11.95	1.48	1.26	1.22	14.55	2.81	2.58	0.09
12.00	1.60	1.38	1.61	14.60	2.82	2.59	0.09
12.05	1.79	1.57	2.08	14.65	2.82	2.59	0.09
12.10	1.99	1.76	2.70	14.70	2.83	2.60	0.09
12.15	2.06	1.83	2.28	14.75	2.84	2.60	0.08
12.20	2.12	1.90	1.33	14.80	2.84	2.61	0.08
12.25	2.17	1.95	0.98	14.85	2.85	2.61	0.08
12.30	2.22	1.99	0.79	14.90	2.85	2.62	0.08
12.35	2.26	2.03	0.68	14.95	2.86	2.62	0.08
12.40	2.29	2.06	0.57	15.00	2.86	2.63	0.07
12.45	2.33	2.10	0.53	15.05	2.87	2.63	0.07
12.50	2.36	2.13	0.51	15.10	2.87	2.64	0.07
12.55	2.38	2.15	0.45	15.15	2.87	2.64	0.07
12.60	2.40	2.18	0.36	15.20	2.88	2.65	0.07
12.65	2.42	2.20	0.33	15.25	2.88	2.65	0.07
12.70	2.44	2.22	0.31	15.30	2.89	2.66	0.07
12.75	2.46	2.23	0.30	15.35	2.89	2.66	0.07
12.80	2.48	2.25	0.28	15.40	2.90	2.67	0.07
12.85	2.50	2.27	0.27	15.45	2.90	2.67	0.07
12.90	2.52	2.29	0.26	15.50	2.91	2.68	0.07
12.95	2.53	2.30	0.24	15.55	2.91	2.68	0.07

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.07	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.07	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.06	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.06	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.06	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.06	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.06	18.50	3.11	2.88	0.04
15.95	2.94	2.71	0.06	18.55	3.11	2.88	0.04
16.00	2.95	2.72	0.06	18.60	3.12	2.88	0.04
16.05	2.95	2.72	0.06	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.06	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.06	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.06	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.06	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.06	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.06	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.06	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.06	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.06	19.10	3.14	2.91	0.04
16.55	2.99	2.76	0.06	19.15	3.14	2.91	0.04
16.60	3.00	2.76	0.06	19.20	3.15	2.91	0.04
16.65	3.00	2.77	0.06	19.25	3.15	2.92	0.04
16.70	3.00	2.77	0.05	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.05	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.05	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.05	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.05	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.05	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.05	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.05	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.05	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.05	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.05	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.05	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.05	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.05	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.05	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.05	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.05	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.05	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.05	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.04	20.30	3.20	2.97	0.03
17.75	3.07	2.84	0.04	20.35	3.20	2.97	0.03
17.80	3.07	2.84	0.04	20.40	3.20	2.97	0.03
17.85	3.08	2.84	0.04	20.45	3.21	2.97	0.03
17.90	3.08	2.85	0.04	20.50	3.21	2.98	0.03
17.95	3.08	2.85	0.04	20.55	3.21	2.98	0.03
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.03
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.03
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.03
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.03

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.03	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.03	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.03	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.03	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.03	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.02
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.01
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 47P: PDA-47 (pervious)

Runoff = 1.67 cfs @ 12.27 hrs, Volume= 0.160 af, Depth= 1.14"
 Routed to Pond B-47 : Basin #47

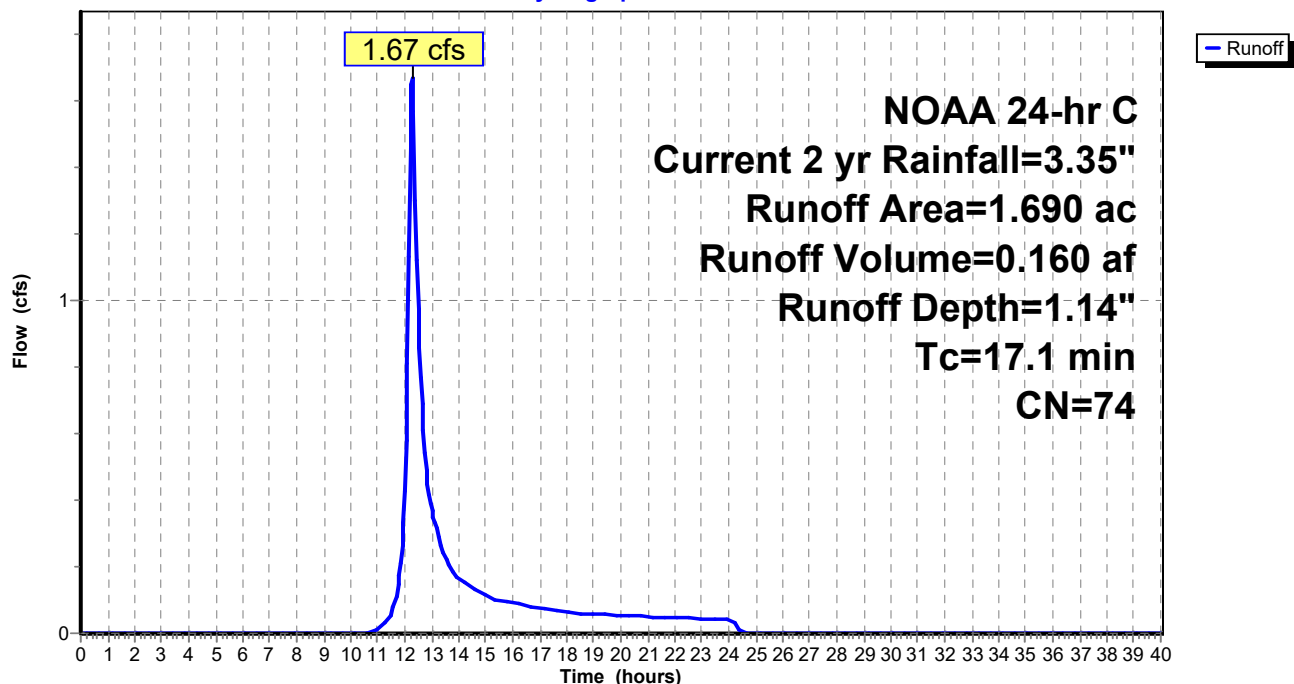
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.690	74	>75% Grass cover, Good, HSG C
1.690		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.1					Direct Entry,

Subcatchment 47P: PDA-47 (pervious)

Hydrograph



Hydrograph for Subcatchment 47P: PDA-47 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.37
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.35
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.33
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.31
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.30
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.28
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.27
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.26
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.25
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.24
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.23
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.22
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.21
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.20
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.19
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.18
11.20	0.87	0.01	0.02	13.80	2.71	0.73	0.18
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.17
11.30	0.91	0.01	0.03	13.90	2.72	0.74	0.17
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.17
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.16
11.45	0.97	0.02	0.05	14.05	2.75	0.75	0.16
11.50	0.99	0.02	0.06	14.10	2.75	0.76	0.16
11.55	1.02	0.03	0.07	14.15	2.76	0.76	0.16
11.60	1.06	0.03	0.08	14.20	2.77	0.76	0.15
11.65	1.09	0.04	0.10	14.25	2.77	0.77	0.15
11.70	1.13	0.05	0.12	14.30	2.78	0.77	0.15
11.75	1.18	0.06	0.15	14.35	2.79	0.78	0.15
11.80	1.23	0.07	0.18	14.40	2.79	0.78	0.14
11.85	1.29	0.09	0.21	14.45	2.80	0.78	0.14
11.90	1.36	0.10	0.26	14.50	2.81	0.79	0.14
11.95	1.48	0.14	0.33	14.55	2.81	0.79	0.14
12.00	1.60	0.18	0.43	14.60	2.82	0.80	0.13
12.05	1.79	0.26	0.58	14.65	2.82	0.80	0.13
12.10	1.99	0.34	0.81	14.70	2.83	0.80	0.13
12.15	2.06	0.38	1.13	14.75	2.84	0.81	0.13
12.20	2.12	0.41	1.46	14.80	2.84	0.81	0.12
12.25	2.17	0.43	1.65	14.85	2.85	0.81	0.12
12.30	2.22	0.46	1.64	14.90	2.85	0.82	0.12
12.35	2.26	0.48	1.50	14.95	2.86	0.82	0.12
12.40	2.29	0.50	1.30	15.00	2.86	0.82	0.11
12.45	2.33	0.51	1.12	15.05	2.87	0.82	0.11
12.50	2.36	0.53	0.97	15.10	2.87	0.83	0.11
12.55	2.38	0.54	0.86	15.15	2.87	0.83	0.11
12.60	2.40	0.55	0.77	15.20	2.88	0.83	0.10
12.65	2.42	0.57	0.69	15.25	2.88	0.84	0.10
12.70	2.44	0.58	0.61	15.30	2.89	0.84	0.10
12.75	2.46	0.59	0.55	15.35	2.89	0.84	0.10
12.80	2.48	0.60	0.49	15.40	2.90	0.84	0.10
12.85	2.50	0.61	0.45	15.45	2.90	0.85	0.10
12.90	2.52	0.62	0.42	15.50	2.91	0.85	0.10
12.95	2.53	0.63	0.39	15.55	2.91	0.85	0.10

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.10	18.20	3.10	0.97	0.06
15.65	2.92	0.86	0.09	18.25	3.10	0.97	0.06
15.70	2.92	0.86	0.09	18.30	3.10	0.97	0.06
15.75	2.93	0.86	0.09	18.35	3.10	0.97	0.06
15.80	2.93	0.87	0.09	18.40	3.11	0.98	0.06
15.85	2.94	0.87	0.09	18.45	3.11	0.98	0.06
15.90	2.94	0.87	0.09	18.50	3.11	0.98	0.06
15.95	2.94	0.87	0.09	18.55	3.11	0.98	0.06
16.00	2.95	0.88	0.09	18.60	3.12	0.98	0.06
16.05	2.95	0.88	0.09	18.65	3.12	0.98	0.06
16.10	2.96	0.88	0.09	18.70	3.12	0.99	0.06
16.15	2.96	0.88	0.09	18.75	3.12	0.99	0.06
16.20	2.96	0.89	0.09	18.80	3.13	0.99	0.06
16.25	2.97	0.89	0.09	18.85	3.13	0.99	0.06
16.30	2.97	0.89	0.09	18.90	3.13	0.99	0.06
16.35	2.98	0.89	0.09	18.95	3.13	0.99	0.06
16.40	2.98	0.90	0.09	19.00	3.14	1.00	0.06
16.45	2.98	0.90	0.08	19.05	3.14	1.00	0.06
16.50	2.99	0.90	0.08	19.10	3.14	1.00	0.06
16.55	2.99	0.90	0.08	19.15	3.14	1.00	0.06
16.60	3.00	0.91	0.08	19.20	3.15	1.00	0.06
16.65	3.00	0.91	0.08	19.25	3.15	1.00	0.06
16.70	3.00	0.91	0.08	19.30	3.15	1.01	0.06
16.75	3.01	0.91	0.08	19.35	3.15	1.01	0.06
16.80	3.01	0.91	0.08	19.40	3.16	1.01	0.06
16.85	3.01	0.92	0.08	19.45	3.16	1.01	0.06
16.90	3.02	0.92	0.08	19.50	3.16	1.01	0.06
16.95	3.02	0.92	0.08	19.55	3.16	1.01	0.06
17.00	3.02	0.92	0.08	19.60	3.17	1.02	0.06
17.05	3.03	0.93	0.08	19.65	3.17	1.02	0.06
17.10	3.03	0.93	0.08	19.70	3.17	1.02	0.05
17.15	3.03	0.93	0.08	19.75	3.17	1.02	0.05
17.20	3.04	0.93	0.07	19.80	3.18	1.02	0.05
17.25	3.04	0.93	0.07	19.85	3.18	1.02	0.05
17.30	3.04	0.94	0.07	19.90	3.18	1.03	0.05
17.35	3.05	0.94	0.07	19.95	3.18	1.03	0.05
17.40	3.05	0.94	0.07	20.00	3.19	1.03	0.05
17.45	3.05	0.94	0.07	20.05	3.19	1.03	0.05
17.50	3.06	0.94	0.07	20.10	3.19	1.03	0.05
17.55	3.06	0.95	0.07	20.15	3.19	1.03	0.05
17.60	3.06	0.95	0.07	20.20	3.20	1.03	0.05
17.65	3.06	0.95	0.07	20.25	3.20	1.04	0.05
17.70	3.07	0.95	0.07	20.30	3.20	1.04	0.05
17.75	3.07	0.95	0.07	20.35	3.20	1.04	0.05
17.80	3.07	0.96	0.07	20.40	3.20	1.04	0.05
17.85	3.08	0.96	0.07	20.45	3.21	1.04	0.05
17.90	3.08	0.96	0.07	20.50	3.21	1.04	0.05
17.95	3.08	0.96	0.06	20.55	3.21	1.05	0.05
18.00	3.08	0.96	0.06	20.60	3.21	1.05	0.05
18.05	3.09	0.96	0.06	20.65	3.22	1.05	0.05
18.10	3.09	0.97	0.06	20.70	3.22	1.05	0.05
18.15	3.09	0.97	0.06	20.75	3.22	1.05	0.05

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.05	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.05	23.45	3.33	1.12	0.04
20.90	3.23	1.06	0.05	23.50	3.33	1.13	0.04
20.95	3.23	1.06	0.05	23.55	3.33	1.13	0.04
21.00	3.23	1.06	0.05	23.60	3.34	1.13	0.04
21.05	3.23	1.06	0.05	23.65	3.34	1.13	0.04
21.10	3.24	1.06	0.05	23.70	3.34	1.13	0.04
21.15	3.24	1.06	0.05	23.75	3.34	1.13	0.04
21.20	3.24	1.06	0.05	23.80	3.34	1.13	0.04
21.25	3.24	1.07	0.05	23.85	3.34	1.13	0.04
21.30	3.24	1.07	0.05	23.90	3.35	1.13	0.04
21.35	3.25	1.07	0.05	23.95	3.35	1.14	0.04
21.40	3.25	1.07	0.05	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.05	24.05	3.35	1.14	0.04
21.50	3.25	1.07	0.05	24.10	3.35	1.14	0.04
21.55	3.26	1.07	0.05	24.15	3.35	1.14	0.04
21.60	3.26	1.08	0.05	24.20	3.35	1.14	0.03
21.65	3.26	1.08	0.05	24.25	3.35	1.14	0.02
21.70	3.26	1.08	0.05	24.30	3.35	1.14	0.01
21.75	3.26	1.08	0.05	24.35	3.35	1.14	0.01
21.80	3.27	1.08	0.05	24.40	3.35	1.14	0.01
21.85	3.27	1.08	0.05	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.05	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.05	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.05	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.05	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.05	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.05	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.05	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.05	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.05	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.05	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.05	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.05	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.05	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.05	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.05	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.04	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.04	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.04	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment UPDA-4: PDA-4 (undetained)

Runoff = 1.53 cfs @ 12.90 hrs, Volume= 0.383 af, Depth= 0.40"

Routed to Link PDA-4 : Proposed Drainage Area #4

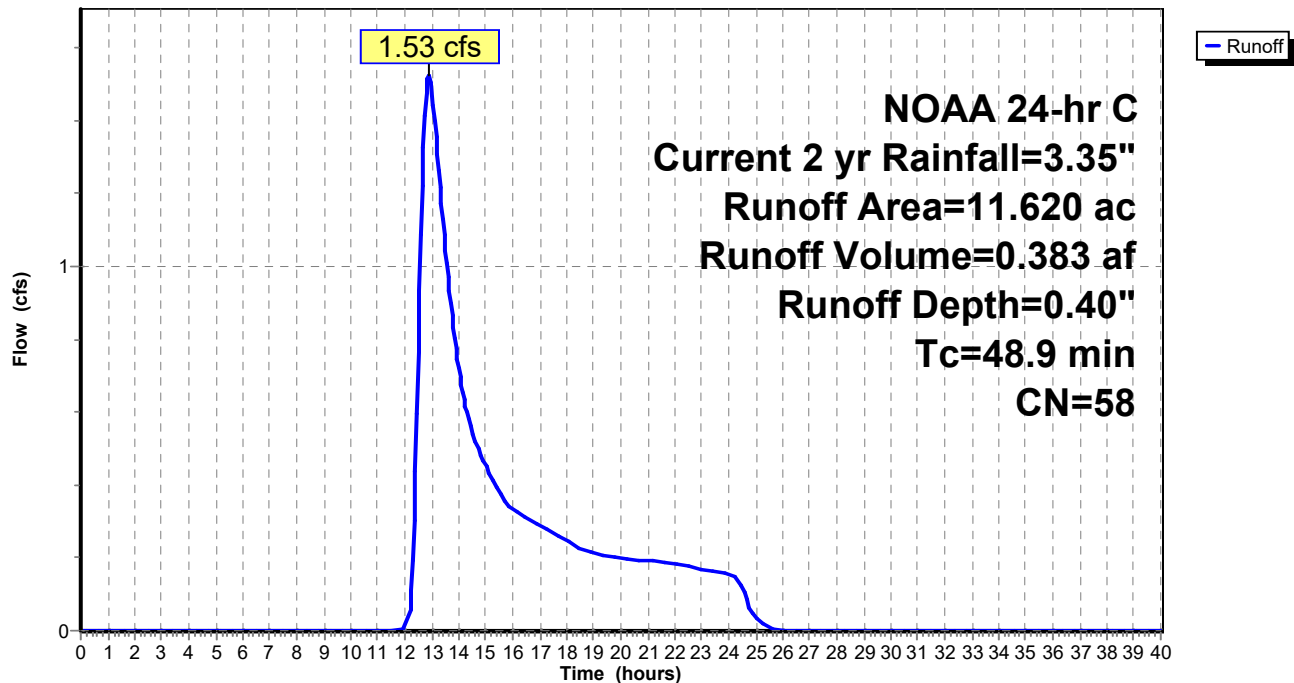
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
9.300	55	Woods, Good, HSG B
1.740	70	Woods, Good, HSG C
0.580	77	Woods, Good, HSG D
11.620	58	Weighted Average
11.620		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
48.9					Direct Entry,

Subcatchment UPDA-4: PDA-4 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.14	1.49
10.45	0.68	0.00	0.00	13.05	2.56	0.15	1.45
10.50	0.69	0.00	0.00	13.10	2.57	0.15	1.40
10.55	0.70	0.00	0.00	13.15	2.58	0.15	1.36
10.60	0.71	0.00	0.00	13.20	2.60	0.16	1.31
10.65	0.72	0.00	0.00	13.25	2.61	0.16	1.26
10.70	0.73	0.00	0.00	13.30	2.62	0.16	1.22
10.75	0.74	0.00	0.00	13.35	2.63	0.17	1.17
10.80	0.75	0.00	0.00	13.40	2.64	0.17	1.13
10.85	0.77	0.00	0.00	13.45	2.65	0.17	1.09
10.90	0.78	0.00	0.00	13.50	2.66	0.17	1.05
10.95	0.79	0.00	0.00	13.55	2.67	0.18	1.01
11.00	0.80	0.00	0.00	13.60	2.68	0.18	0.97
11.05	0.82	0.00	0.00	13.65	2.68	0.18	0.94
11.10	0.83	0.00	0.00	13.70	2.69	0.18	0.90
11.15	0.85	0.00	0.00	13.75	2.70	0.18	0.87
11.20	0.87	0.00	0.00	13.80	2.71	0.19	0.83
11.25	0.89	0.00	0.00	13.85	2.72	0.19	0.80
11.30	0.91	0.00	0.00	13.90	2.72	0.19	0.77
11.35	0.93	0.00	0.00	13.95	2.73	0.19	0.75
11.40	0.95	0.00	0.00	14.00	2.74	0.20	0.72
11.45	0.97	0.00	0.00	14.05	2.75	0.20	0.70
11.50	0.99	0.00	0.00	14.10	2.75	0.20	0.67
11.55	1.02	0.00	0.00	14.15	2.76	0.20	0.65
11.60	1.06	0.00	0.00	14.20	2.77	0.20	0.63
11.65	1.09	0.00	0.00	14.25	2.77	0.21	0.62
11.70	1.13	0.00	0.00	14.30	2.78	0.21	0.60
11.75	1.18	0.00	0.00	14.35	2.79	0.21	0.58
11.80	1.23	0.00	0.00	14.40	2.79	0.21	0.57
11.85	1.29	0.00	0.00	14.45	2.80	0.21	0.56
11.90	1.36	0.00	0.00	14.50	2.81	0.21	0.55
11.95	1.48	0.00	0.00	14.55	2.81	0.22	0.54
12.00	1.60	0.00	0.00	14.60	2.82	0.22	0.53
12.05	1.79	0.02	0.00	14.65	2.82	0.22	0.52
12.10	1.99	0.04	0.01	14.70	2.83	0.22	0.51
12.15	2.06	0.05	0.02	14.75	2.84	0.22	0.50
12.20	2.12	0.06	0.06	14.80	2.84	0.22	0.49
12.25	2.17	0.07	0.11	14.85	2.85	0.23	0.48
12.30	2.22	0.07	0.19	14.90	2.85	0.23	0.47
12.35	2.26	0.08	0.30	14.95	2.86	0.23	0.46
12.40	2.29	0.09	0.44	15.00	2.86	0.23	0.45
12.45	2.33	0.09	0.60	15.05	2.87	0.23	0.45
12.50	2.36	0.10	0.77	15.10	2.87	0.23	0.44
12.55	2.38	0.11	0.93	15.15	2.87	0.23	0.43
12.60	2.40	0.11	1.09	15.20	2.88	0.24	0.42
12.65	2.42	0.12	1.22	15.25	2.88	0.24	0.42
12.70	2.44	0.12	1.33	15.30	2.89	0.24	0.41
12.75	2.46	0.12	1.42	15.35	2.89	0.24	0.40
12.80	2.48	0.13	1.48	15.40	2.90	0.24	0.39
12.85	2.50	0.13	1.51	15.45	2.90	0.24	0.39
12.90	2.52	0.14	1.53	15.50	2.91	0.24	0.38
12.95	2.53	0.14	1.51	15.55	2.91	0.25	0.37

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.25	0.37	18.20	3.10	0.31	0.24
15.65	2.92	0.25	0.36	18.25	3.10	0.31	0.24
15.70	2.92	0.25	0.36	18.30	3.10	0.31	0.23
15.75	2.93	0.25	0.35	18.35	3.10	0.31	0.23
15.80	2.93	0.25	0.35	18.40	3.11	0.31	0.23
15.85	2.94	0.25	0.34	18.45	3.11	0.31	0.23
15.90	2.94	0.25	0.34	18.50	3.11	0.31	0.23
15.95	2.94	0.26	0.34	18.55	3.11	0.31	0.22
16.00	2.95	0.26	0.33	18.60	3.12	0.31	0.22
16.05	2.95	0.26	0.33	18.65	3.12	0.31	0.22
16.10	2.96	0.26	0.33	18.70	3.12	0.31	0.22
16.15	2.96	0.26	0.33	18.75	3.12	0.31	0.22
16.20	2.96	0.26	0.32	18.80	3.13	0.32	0.22
16.25	2.97	0.26	0.32	18.85	3.13	0.32	0.22
16.30	2.97	0.27	0.32	18.90	3.13	0.32	0.21
16.35	2.98	0.27	0.32	18.95	3.13	0.32	0.21
16.40	2.98	0.27	0.31	19.00	3.14	0.32	0.21
16.45	2.98	0.27	0.31	19.05	3.14	0.32	0.21
16.50	2.99	0.27	0.31	19.10	3.14	0.32	0.21
16.55	2.99	0.27	0.31	19.15	3.14	0.32	0.21
16.60	3.00	0.27	0.31	19.20	3.15	0.32	0.21
16.65	3.00	0.27	0.30	19.25	3.15	0.32	0.21
16.70	3.00	0.27	0.30	19.30	3.15	0.32	0.21
16.75	3.01	0.28	0.30	19.35	3.15	0.33	0.21
16.80	3.01	0.28	0.30	19.40	3.16	0.33	0.21
16.85	3.01	0.28	0.30	19.45	3.16	0.33	0.21
16.90	3.02	0.28	0.29	19.50	3.16	0.33	0.21
16.95	3.02	0.28	0.29	19.55	3.16	0.33	0.21
17.00	3.02	0.28	0.29	19.60	3.17	0.33	0.21
17.05	3.03	0.28	0.29	19.65	3.17	0.33	0.20
17.10	3.03	0.28	0.29	19.70	3.17	0.33	0.20
17.15	3.03	0.28	0.28	19.75	3.17	0.33	0.20
17.20	3.04	0.29	0.28	19.80	3.18	0.33	0.20
17.25	3.04	0.29	0.28	19.85	3.18	0.33	0.20
17.30	3.04	0.29	0.28	19.90	3.18	0.33	0.20
17.35	3.05	0.29	0.28	19.95	3.18	0.34	0.20
17.40	3.05	0.29	0.27	20.00	3.19	0.34	0.20
17.45	3.05	0.29	0.27	20.05	3.19	0.34	0.20
17.50	3.06	0.29	0.27	20.10	3.19	0.34	0.20
17.55	3.06	0.29	0.27	20.15	3.19	0.34	0.20
17.60	3.06	0.29	0.27	20.20	3.20	0.34	0.20
17.65	3.06	0.29	0.26	20.25	3.20	0.34	0.20
17.70	3.07	0.30	0.26	20.30	3.20	0.34	0.20
17.75	3.07	0.30	0.26	20.35	3.20	0.34	0.20
17.80	3.07	0.30	0.26	20.40	3.20	0.34	0.20
17.85	3.08	0.30	0.25	20.45	3.21	0.34	0.20
17.90	3.08	0.30	0.25	20.50	3.21	0.34	0.20
17.95	3.08	0.30	0.25	20.55	3.21	0.35	0.20
18.00	3.08	0.30	0.25	20.60	3.21	0.35	0.20
18.05	3.09	0.30	0.25	20.65	3.22	0.35	0.20
18.10	3.09	0.30	0.24	20.70	3.22	0.35	0.19
18.15	3.09	0.30	0.24	20.75	3.22	0.35	0.19

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	0.35	0.19	23.40	3.33	0.39	0.17
20.85	3.23	0.35	0.19	23.45	3.33	0.39	0.16
20.90	3.23	0.35	0.19	23.50	3.33	0.39	0.16
20.95	3.23	0.35	0.19	23.55	3.33	0.39	0.16
21.00	3.23	0.35	0.19	23.60	3.34	0.39	0.16
21.05	3.23	0.35	0.19	23.65	3.34	0.39	0.16
21.10	3.24	0.35	0.19	23.70	3.34	0.39	0.16
21.15	3.24	0.35	0.19	23.75	3.34	0.39	0.16
21.20	3.24	0.36	0.19	23.80	3.34	0.39	0.16
21.25	3.24	0.36	0.19	23.85	3.34	0.39	0.16
21.30	3.24	0.36	0.19	23.90	3.35	0.39	0.16
21.35	3.25	0.36	0.19	23.95	3.35	0.39	0.16
21.40	3.25	0.36	0.19	24.00	3.35	0.40	0.16
21.45	3.25	0.36	0.19	24.05	3.35	0.40	0.16
21.50	3.25	0.36	0.19	24.10	3.35	0.40	0.16
21.55	3.26	0.36	0.19	24.15	3.35	0.40	0.16
21.60	3.26	0.36	0.19	24.20	3.35	0.40	0.16
21.65	3.26	0.36	0.19	24.25	3.35	0.40	0.15
21.70	3.26	0.36	0.18	24.30	3.35	0.40	0.15
21.75	3.26	0.36	0.18	24.35	3.35	0.40	0.15
21.80	3.27	0.36	0.18	24.40	3.35	0.40	0.14
21.85	3.27	0.37	0.18	24.45	3.35	0.40	0.13
21.90	3.27	0.37	0.18	24.50	3.35	0.40	0.12
21.95	3.27	0.37	0.18	24.55	3.35	0.40	0.11
22.00	3.27	0.37	0.18	24.60	3.35	0.40	0.10
22.05	3.28	0.37	0.18	24.65	3.35	0.40	0.09
22.10	3.28	0.37	0.18	24.70	3.35	0.40	0.08
22.15	3.28	0.37	0.18	24.75	3.35	0.40	0.07
22.20	3.28	0.37	0.18	24.80	3.35	0.40	0.06
22.25	3.28	0.37	0.18	24.85	3.35	0.40	0.05
22.30	3.29	0.37	0.18	24.90	3.35	0.40	0.04
22.35	3.29	0.37	0.18	24.95	3.35	0.40	0.04
22.40	3.29	0.37	0.18	25.00	3.35	0.40	0.03
22.45	3.29	0.37	0.18	25.05	3.35	0.40	0.03
22.50	3.29	0.37	0.18	25.10	3.35	0.40	0.02
22.55	3.30	0.38	0.18	25.15	3.35	0.40	0.02
22.60	3.30	0.38	0.17	25.20	3.35	0.40	0.02
22.65	3.30	0.38	0.17	25.25	3.35	0.40	0.02
22.70	3.30	0.38	0.17	25.30	3.35	0.40	0.01
22.75	3.30	0.38	0.17	25.35	3.35	0.40	0.01
22.80	3.31	0.38	0.17	25.40	3.35	0.40	0.01
22.85	3.31	0.38	0.17	25.45	3.35	0.40	0.01
22.90	3.31	0.38	0.17	25.50	3.35	0.40	0.01
22.95	3.31	0.38	0.17	25.55	3.35	0.40	0.01
23.00	3.31	0.38	0.17	25.60	3.35	0.40	0.01
23.05	3.32	0.38	0.17	25.65	3.35	0.40	0.00
23.10	3.32	0.38	0.17	25.70	3.35	0.40	0.00
23.15	3.32	0.38	0.17	25.75	3.35	0.40	0.00
23.20	3.32	0.38	0.17	25.80	3.35	0.40	0.00
23.25	3.32	0.39	0.17	25.85	3.35	0.40	0.00
23.30	3.32	0.39	0.17	25.90	3.35	0.40	0.00
23.35	3.33	0.39	0.17	25.95	3.35	0.40	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	0.40	0.00	28.60	3.35	0.40	0.00
26.05	3.35	0.40	0.00	28.65	3.35	0.40	0.00
26.10	3.35	0.40	0.00	28.70	3.35	0.40	0.00
26.15	3.35	0.40	0.00	28.75	3.35	0.40	0.00
26.20	3.35	0.40	0.00	28.80	3.35	0.40	0.00
26.25	3.35	0.40	0.00	28.85	3.35	0.40	0.00
26.30	3.35	0.40	0.00	28.90	3.35	0.40	0.00
26.35	3.35	0.40	0.00	28.95	3.35	0.40	0.00
26.40	3.35	0.40	0.00	29.00	3.35	0.40	0.00
26.45	3.35	0.40	0.00	29.05	3.35	0.40	0.00
26.50	3.35	0.40	0.00	29.10	3.35	0.40	0.00
26.55	3.35	0.40	0.00	29.15	3.35	0.40	0.00
26.60	3.35	0.40	0.00	29.20	3.35	0.40	0.00
26.65	3.35	0.40	0.00	29.25	3.35	0.40	0.00
26.70	3.35	0.40	0.00	29.30	3.35	0.40	0.00
26.75	3.35	0.40	0.00	29.35	3.35	0.40	0.00
26.80	3.35	0.40	0.00	29.40	3.35	0.40	0.00
26.85	3.35	0.40	0.00	29.45	3.35	0.40	0.00
26.90	3.35	0.40	0.00	29.50	3.35	0.40	0.00
26.95	3.35	0.40	0.00	29.55	3.35	0.40	0.00
27.00	3.35	0.40	0.00	29.60	3.35	0.40	0.00
27.05	3.35	0.40	0.00	29.65	3.35	0.40	0.00
27.10	3.35	0.40	0.00	29.70	3.35	0.40	0.00
27.15	3.35	0.40	0.00	29.75	3.35	0.40	0.00
27.20	3.35	0.40	0.00	29.80	3.35	0.40	0.00
27.25	3.35	0.40	0.00	29.85	3.35	0.40	0.00
27.30	3.35	0.40	0.00	29.90	3.35	0.40	0.00
27.35	3.35	0.40	0.00	29.95	3.35	0.40	0.00
27.40	3.35	0.40	0.00	30.00	3.35	0.40	0.00
27.45	3.35	0.40	0.00	30.05	3.35	0.40	0.00
27.50	3.35	0.40	0.00	30.10	3.35	0.40	0.00
27.55	3.35	0.40	0.00	30.15	3.35	0.40	0.00
27.60	3.35	0.40	0.00	30.20	3.35	0.40	0.00
27.65	3.35	0.40	0.00	30.25	3.35	0.40	0.00
27.70	3.35	0.40	0.00	30.30	3.35	0.40	0.00
27.75	3.35	0.40	0.00	30.35	3.35	0.40	0.00
27.80	3.35	0.40	0.00	30.40	3.35	0.40	0.00
27.85	3.35	0.40	0.00	30.45	3.35	0.40	0.00
27.90	3.35	0.40	0.00	30.50	3.35	0.40	0.00
27.95	3.35	0.40	0.00	30.55	3.35	0.40	0.00
28.00	3.35	0.40	0.00	30.60	3.35	0.40	0.00
28.05	3.35	0.40	0.00	30.65	3.35	0.40	0.00
28.10	3.35	0.40	0.00	30.70	3.35	0.40	0.00
28.15	3.35	0.40	0.00	30.75	3.35	0.40	0.00
28.20	3.35	0.40	0.00	30.80	3.35	0.40	0.00
28.25	3.35	0.40	0.00	30.85	3.35	0.40	0.00
28.30	3.35	0.40	0.00	30.90	3.35	0.40	0.00
28.35	3.35	0.40	0.00	30.95	3.35	0.40	0.00
28.40	3.35	0.40	0.00	31.00	3.35	0.40	0.00
28.45	3.35	0.40	0.00	31.05	3.35	0.40	0.00
28.50	3.35	0.40	0.00	31.10	3.35	0.40	0.00
28.55	3.35	0.40	0.00	31.15	3.35	0.40	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	0.40	0.00	33.80	3.35	0.40	0.00
31.25	3.35	0.40	0.00	33.85	3.35	0.40	0.00
31.30	3.35	0.40	0.00	33.90	3.35	0.40	0.00
31.35	3.35	0.40	0.00	33.95	3.35	0.40	0.00
31.40	3.35	0.40	0.00	34.00	3.35	0.40	0.00
31.45	3.35	0.40	0.00	34.05	3.35	0.40	0.00
31.50	3.35	0.40	0.00	34.10	3.35	0.40	0.00
31.55	3.35	0.40	0.00	34.15	3.35	0.40	0.00
31.60	3.35	0.40	0.00	34.20	3.35	0.40	0.00
31.65	3.35	0.40	0.00	34.25	3.35	0.40	0.00
31.70	3.35	0.40	0.00	34.30	3.35	0.40	0.00
31.75	3.35	0.40	0.00	34.35	3.35	0.40	0.00
31.80	3.35	0.40	0.00	34.40	3.35	0.40	0.00
31.85	3.35	0.40	0.00	34.45	3.35	0.40	0.00
31.90	3.35	0.40	0.00	34.50	3.35	0.40	0.00
31.95	3.35	0.40	0.00	34.55	3.35	0.40	0.00
32.00	3.35	0.40	0.00	34.60	3.35	0.40	0.00
32.05	3.35	0.40	0.00	34.65	3.35	0.40	0.00
32.10	3.35	0.40	0.00	34.70	3.35	0.40	0.00
32.15	3.35	0.40	0.00	34.75	3.35	0.40	0.00
32.20	3.35	0.40	0.00	34.80	3.35	0.40	0.00
32.25	3.35	0.40	0.00	34.85	3.35	0.40	0.00
32.30	3.35	0.40	0.00	34.90	3.35	0.40	0.00
32.35	3.35	0.40	0.00	34.95	3.35	0.40	0.00
32.40	3.35	0.40	0.00	35.00	3.35	0.40	0.00
32.45	3.35	0.40	0.00	35.05	3.35	0.40	0.00
32.50	3.35	0.40	0.00	35.10	3.35	0.40	0.00
32.55	3.35	0.40	0.00	35.15	3.35	0.40	0.00
32.60	3.35	0.40	0.00	35.20	3.35	0.40	0.00
32.65	3.35	0.40	0.00	35.25	3.35	0.40	0.00
32.70	3.35	0.40	0.00	35.30	3.35	0.40	0.00
32.75	3.35	0.40	0.00	35.35	3.35	0.40	0.00
32.80	3.35	0.40	0.00	35.40	3.35	0.40	0.00
32.85	3.35	0.40	0.00	35.45	3.35	0.40	0.00
32.90	3.35	0.40	0.00	35.50	3.35	0.40	0.00
32.95	3.35	0.40	0.00	35.55	3.35	0.40	0.00
33.00	3.35	0.40	0.00	35.60	3.35	0.40	0.00
33.05	3.35	0.40	0.00	35.65	3.35	0.40	0.00
33.10	3.35	0.40	0.00	35.70	3.35	0.40	0.00
33.15	3.35	0.40	0.00	35.75	3.35	0.40	0.00
33.20	3.35	0.40	0.00	35.80	3.35	0.40	0.00
33.25	3.35	0.40	0.00	35.85	3.35	0.40	0.00
33.30	3.35	0.40	0.00	35.90	3.35	0.40	0.00
33.35	3.35	0.40	0.00	35.95	3.35	0.40	0.00
33.40	3.35	0.40	0.00	36.00	3.35	0.40	0.00
33.45	3.35	0.40	0.00	36.05	3.35	0.40	0.00
33.50	3.35	0.40	0.00	36.10	3.35	0.40	0.00
33.55	3.35	0.40	0.00	36.15	3.35	0.40	0.00
33.60	3.35	0.40	0.00	36.20	3.35	0.40	0.00
33.65	3.35	0.40	0.00	36.25	3.35	0.40	0.00
33.70	3.35	0.40	0.00	36.30	3.35	0.40	0.00
33.75	3.35	0.40	0.00	36.35	3.35	0.40	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	0.40	0.00	39.00	3.35	0.40	0.00
36.45	3.35	0.40	0.00	39.05	3.35	0.40	0.00
36.50	3.35	0.40	0.00	39.10	3.35	0.40	0.00
36.55	3.35	0.40	0.00	39.15	3.35	0.40	0.00
36.60	3.35	0.40	0.00	39.20	3.35	0.40	0.00
36.65	3.35	0.40	0.00	39.25	3.35	0.40	0.00
36.70	3.35	0.40	0.00	39.30	3.35	0.40	0.00
36.75	3.35	0.40	0.00	39.35	3.35	0.40	0.00
36.80	3.35	0.40	0.00	39.40	3.35	0.40	0.00
36.85	3.35	0.40	0.00	39.45	3.35	0.40	0.00
36.90	3.35	0.40	0.00	39.50	3.35	0.40	0.00
36.95	3.35	0.40	0.00	39.55	3.35	0.40	0.00
37.00	3.35	0.40	0.00	39.60	3.35	0.40	0.00
37.05	3.35	0.40	0.00	39.65	3.35	0.40	0.00
37.10	3.35	0.40	0.00	39.70	3.35	0.40	0.00
37.15	3.35	0.40	0.00	39.75	3.35	0.40	0.00
37.20	3.35	0.40	0.00	39.80	3.35	0.40	0.00
37.25	3.35	0.40	0.00	39.85	3.35	0.40	0.00
37.30	3.35	0.40	0.00	39.90	3.35	0.40	0.00
37.35	3.35	0.40	0.00	39.95	3.35	0.40	0.00
37.40	3.35	0.40	0.00	40.00	3.35	0.40	0.00
37.45	3.35	0.40	0.00				
37.50	3.35	0.40	0.00				
37.55	3.35	0.40	0.00				
37.60	3.35	0.40	0.00				
37.65	3.35	0.40	0.00				
37.70	3.35	0.40	0.00				
37.75	3.35	0.40	0.00				
37.80	3.35	0.40	0.00				
37.85	3.35	0.40	0.00				
37.90	3.35	0.40	0.00				
37.95	3.35	0.40	0.00				
38.00	3.35	0.40	0.00				
38.05	3.35	0.40	0.00				
38.10	3.35	0.40	0.00				
38.15	3.35	0.40	0.00				
38.20	3.35	0.40	0.00				
38.25	3.35	0.40	0.00				
38.30	3.35	0.40	0.00				
38.35	3.35	0.40	0.00				
38.40	3.35	0.40	0.00				
38.45	3.35	0.40	0.00				
38.50	3.35	0.40	0.00				
38.55	3.35	0.40	0.00				
38.60	3.35	0.40	0.00				
38.65	3.35	0.40	0.00				
38.70	3.35	0.40	0.00				
38.75	3.35	0.40	0.00				
38.80	3.35	0.40	0.00				
38.85	3.35	0.40	0.00				
38.90	3.35	0.40	0.00				
38.95	3.35	0.40	0.00				

Summary for Pond B-41: Basin #41

Inflow Area = 2.368 ac, 29.05% Impervious, Inflow Depth = 1.71" for Current 2 yr event
 Inflow = 5.22 cfs @ 12.08 hrs, Volume= 0.338 af
 Outflow = 1.82 cfs @ 12.25 hrs, Volume= 0.269 af, Atten= 65%, Lag= 9.6 min
 Primary = 1.82 cfs @ 12.25 hrs, Volume= 0.269 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.06' @ 12.25 hrs Surf.Area= 5,683 sf Storage= 6,015 cf

Plug-Flow detention time= 186.0 min calculated for 0.268 af (79% of inflow)
 Center-of-Mass det. time= 100.8 min (904.3 - 803.5)

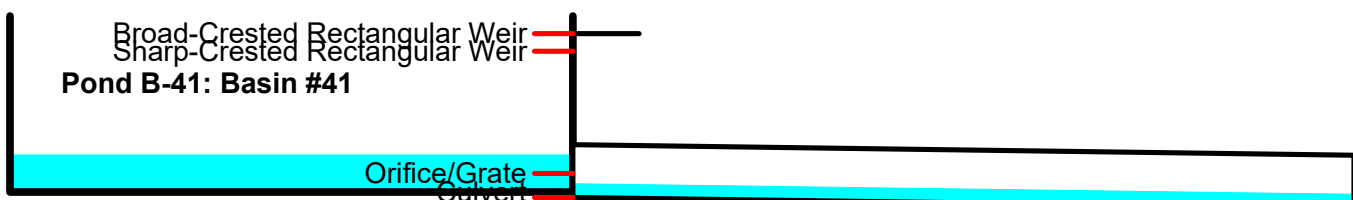
Volume	Invert	Avail.Storage	Storage Description
#1	182.00'	28,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
182.00	5,683	0	0
183.00	5,683	5,683	5,683
184.00	5,683	5,683	11,366
185.00	5,683	5,683	17,049
186.00	5,683	5,683	22,732
187.00	5,683	5,683	28,415

Device	Routing	Invert	Outlet Devices
#1	Primary	181.85'	18.0" Round Culvert L= 59.0' Ke= 0.500 Inlet / Outlet Invert= 181.85' / 181.55' S= 0.0051 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	182.53'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

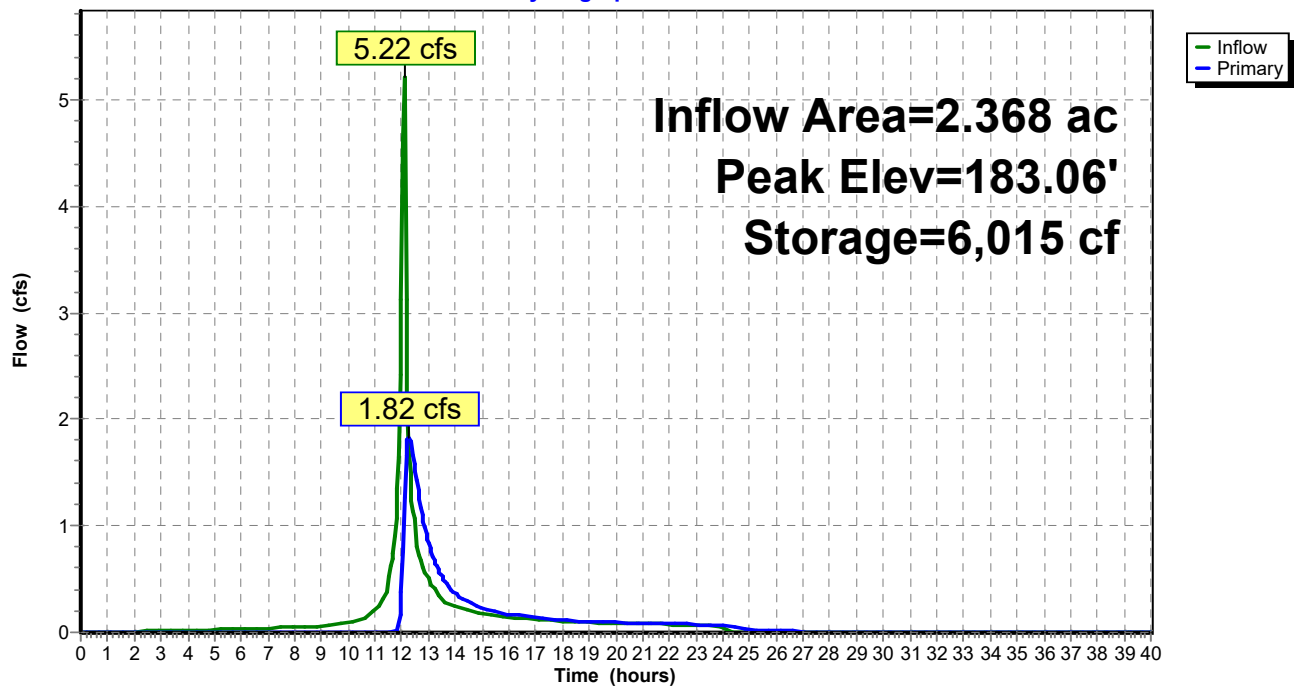
Primary OutFlow Max=1.82 cfs @ 12.25 hrs HW=183.06' (Free Discharge)

1=Culvert (Passes 1.82 cfs of 4.45 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.82 cfs @ 2.43 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-41: Basin #41

Hydrograph



Hydrograph for Pond B-41: Basin #41

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	182.00	0.00
0.10	0.00	0	182.00	0.00
0.20	0.00	0	182.00	0.00
0.30	0.00	0	182.00	0.00
0.40	0.00	0	182.00	0.00
0.50	0.00	0	182.00	0.00
0.60	0.00	0	182.00	0.00
0.70	0.00	0	182.00	0.00
0.80	0.00	0	182.00	0.00
0.90	0.00	0	182.00	0.00
1.00	0.00	0	182.00	0.00
1.10	0.00	0	182.00	0.00
1.20	0.00	0	182.00	0.00
1.30	0.00	0	182.00	0.00
1.40	0.00	1	182.00	0.00
1.50	0.00	2	182.00	0.00
1.60	0.00	3	182.00	0.00
1.70	0.00	5	182.00	0.00
1.80	0.01	6	182.00	0.00
1.90	0.01	9	182.00	0.00
2.00	0.01	11	182.00	0.00
2.10	0.01	14	182.00	0.00
2.20	0.01	17	182.00	0.00
2.30	0.01	20	182.00	0.00
2.40	0.01	24	182.00	0.00
2.50	0.01	27	182.00	0.00
2.60	0.01	31	182.01	0.00
2.70	0.01	36	182.01	0.00
2.80	0.01	40	182.01	0.00
2.90	0.01	45	182.01	0.00
3.00	0.01	50	182.01	0.00
3.10	0.01	55	182.01	0.00
3.20	0.02	60	182.01	0.00
3.30	0.02	66	182.01	0.00
3.40	0.02	72	182.01	0.00
3.50	0.02	78	182.01	0.00
3.60	0.02	84	182.01	0.00
3.70	0.02	91	182.02	0.00
3.80	0.02	97	182.02	0.00
3.90	0.02	104	182.02	0.00
4.00	0.02	111	182.02	0.00
4.10	0.02	118	182.02	0.00
4.20	0.02	126	182.02	0.00
4.30	0.02	133	182.02	0.00
4.40	0.02	141	182.02	0.00
4.50	0.02	149	182.03	0.00
4.60	0.02	157	182.03	0.00
4.70	0.02	165	182.03	0.00
4.80	0.02	174	182.03	0.00
4.90	0.02	183	182.03	0.00
5.00	0.02	191	182.03	0.00
5.10	0.03	200	182.04	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	209	182.04	0.00
5.30	0.03	219	182.04	0.00
5.40	0.03	228	182.04	0.00
5.50	0.03	237	182.04	0.00
5.60	0.03	247	182.04	0.00
5.70	0.03	257	182.05	0.00
5.80	0.03	267	182.05	0.00
5.90	0.03	277	182.05	0.00
6.00	0.03	287	182.05	0.00
6.10	0.03	298	182.05	0.00
6.20	0.03	309	182.05	0.00
6.30	0.03	320	182.06	0.00
6.40	0.03	332	182.06	0.00
6.50	0.03	343	182.06	0.00
6.60	0.03	356	182.06	0.00
6.70	0.04	368	182.06	0.00
6.80	0.04	381	182.07	0.00
6.90	0.04	394	182.07	0.00
7.00	0.04	408	182.07	0.00
7.10	0.04	422	182.07	0.00
7.20	0.04	436	182.08	0.00
7.30	0.04	451	182.08	0.00
7.40	0.04	466	182.08	0.00
7.50	0.04	481	182.08	0.00
7.60	0.04	497	182.09	0.00
7.70	0.05	513	182.09	0.00
7.80	0.05	530	182.09	0.00
7.90	0.05	547	182.10	0.00
8.00	0.05	564	182.10	0.00
8.10	0.05	582	182.10	0.00
8.20	0.05	599	182.11	0.00
8.30	0.05	618	182.11	0.00
8.40	0.05	636	182.11	0.00
8.50	0.05	655	182.12	0.00
8.60	0.05	675	182.12	0.00
8.70	0.06	695	182.12	0.00
8.80	0.06	715	182.13	0.00
8.90	0.06	735	182.13	0.00
9.00	0.06	756	182.13	0.00
9.10	0.06	778	182.14	0.00
9.20	0.06	801	182.14	0.00
9.30	0.07	825	182.15	0.00
9.40	0.07	850	182.15	0.00
9.50	0.08	876	182.15	0.00
9.60	0.08	904	182.16	0.00
9.70	0.08	933	182.16	0.00
9.80	0.09	963	182.17	0.00
9.90	0.09	994	182.17	0.00
10.00	0.09	1,027	182.18	0.00
10.10	0.10	1,061	182.19	0.00
10.20	0.10	1,096	182.19	0.00
10.30	0.10	1,133	182.20	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.11	1,170	182.21	0.00
10.50	0.11	1,209	182.21	0.00
10.60	0.12	1,251	182.22	0.00
10.70	0.14	1,298	182.23	0.00
10.80	0.16	1,352	182.24	0.00
10.90	0.18	1,412	182.25	0.00
11.00	0.20	1,480	182.26	0.00
11.10	0.23	1,558	182.27	0.00
11.20	0.27	1,649	182.29	0.00
11.30	0.31	1,754	182.31	0.00
11.40	0.36	1,875	182.33	0.00
11.50	0.41	2,012	182.35	0.00
11.60	0.63	2,202	182.39	0.00
11.70	0.74	2,449	182.43	0.00
11.80	1.07	2,775	182.49	0.00
11.90	1.65	3,258	182.57	0.05
12.00	3.13	4,056	182.71	0.38
12.10	5.10	5,348	182.94	1.27
12.20	2.21	5,990	183.05	1.81
12.30	1.51	5,977	183.05	1.80
12.40	1.14	5,814	183.02	1.66
12.50	1.04	5,636	182.99	1.51
12.60	0.72	5,427	182.95	1.33
12.70	0.66	5,223	182.92	1.17
12.80	0.61	5,053	182.89	1.04
12.90	0.55	4,907	182.86	0.93
13.00	0.49	4,776	182.84	0.83
13.10	0.44	4,657	182.82	0.75
13.20	0.41	4,552	182.80	0.68
13.30	0.38	4,459	182.78	0.62
13.40	0.35	4,375	182.77	0.57
13.50	0.32	4,297	182.76	0.52
13.60	0.29	4,226	182.74	0.48
13.70	0.28	4,162	182.73	0.44
13.80	0.27	4,107	182.72	0.41
13.90	0.26	4,060	182.71	0.38
14.00	0.25	4,019	182.71	0.36
14.10	0.25	3,982	182.70	0.34
14.20	0.24	3,950	182.70	0.32
14.30	0.23	3,920	182.69	0.31
14.40	0.22	3,892	182.68	0.30
14.50	0.21	3,865	182.68	0.28
14.60	0.20	3,841	182.68	0.27
14.70	0.20	3,817	182.67	0.26
14.80	0.19	3,794	182.67	0.25
14.90	0.18	3,773	182.66	0.24
15.00	0.17	3,751	182.66	0.23
15.10	0.16	3,731	182.66	0.22
15.20	0.16	3,712	182.65	0.21
15.30	0.16	3,696	182.65	0.20
15.40	0.16	3,681	182.65	0.20
15.50	0.15	3,668	182.65	0.19

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	3,656	182.64	0.19
15.70	0.15	3,644	182.64	0.18
15.80	0.15	3,633	182.64	0.18
15.90	0.15	3,623	182.64	0.17
16.00	0.14	3,614	182.64	0.17
16.10	0.14	3,605	182.63	0.17
16.20	0.14	3,596	182.63	0.16
16.30	0.14	3,588	182.63	0.16
16.40	0.13	3,580	182.63	0.16
16.50	0.13	3,573	182.63	0.15
16.60	0.13	3,565	182.63	0.15
16.70	0.13	3,558	182.63	0.15
16.80	0.13	3,551	182.62	0.14
16.90	0.12	3,545	182.62	0.14
17.00	0.12	3,538	182.62	0.14
17.10	0.12	3,532	182.62	0.14
17.20	0.12	3,525	182.62	0.13
17.30	0.11	3,519	182.62	0.13
17.40	0.11	3,513	182.62	0.13
17.50	0.11	3,506	182.62	0.13
17.60	0.11	3,500	182.62	0.12
17.70	0.11	3,494	182.61	0.12
17.80	0.10	3,488	182.61	0.12
17.90	0.10	3,482	182.61	0.12
18.00	0.10	3,476	182.61	0.11
18.10	0.10	3,470	182.61	0.11
18.20	0.10	3,464	182.61	0.11
18.30	0.10	3,459	182.61	0.11
18.40	0.09	3,455	182.61	0.11
18.50	0.09	3,450	182.61	0.11
18.60	0.09	3,447	182.61	0.10
18.70	0.09	3,443	182.61	0.10
18.80	0.09	3,440	182.61	0.10
18.90	0.09	3,437	182.60	0.10
19.00	0.09	3,434	182.60	0.10
19.10	0.09	3,432	182.60	0.10
19.20	0.09	3,429	182.60	0.10
19.30	0.09	3,427	182.60	0.10
19.40	0.09	3,425	182.60	0.09
19.50	0.09	3,423	182.60	0.09
19.60	0.09	3,421	182.60	0.09
19.70	0.09	3,419	182.60	0.09
19.80	0.09	3,417	182.60	0.09
19.90	0.09	3,415	182.60	0.09
20.00	0.09	3,413	182.60	0.09
20.10	0.09	3,412	182.60	0.09
20.20	0.08	3,410	182.60	0.09
20.30	0.08	3,408	182.60	0.09
20.40	0.08	3,407	182.60	0.09
20.50	0.08	3,405	182.60	0.09
20.60	0.08	3,403	182.60	0.09
20.70	0.08	3,401	182.60	0.09

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	3,399	182.60	0.09
20.90	0.08	3,398	182.60	0.09
21.00	0.08	3,396	182.60	0.09
21.10	0.08	3,394	182.60	0.08
21.20	0.08	3,392	182.60	0.08
21.30	0.08	3,390	182.60	0.08
21.40	0.08	3,388	182.60	0.08
21.50	0.08	3,386	182.60	0.08
21.60	0.08	3,384	182.60	0.08
21.70	0.08	3,382	182.60	0.08
21.80	0.08	3,380	182.59	0.08
21.90	0.07	3,378	182.59	0.08
22.00	0.07	3,376	182.59	0.08
22.10	0.07	3,374	182.59	0.08
22.20	0.07	3,372	182.59	0.08
22.30	0.07	3,370	182.59	0.08
22.40	0.07	3,368	182.59	0.08
22.50	0.07	3,365	182.59	0.08
22.60	0.07	3,363	182.59	0.08
22.70	0.07	3,361	182.59	0.08
22.80	0.07	3,359	182.59	0.08
22.90	0.07	3,357	182.59	0.08
23.00	0.07	3,355	182.59	0.07
23.10	0.07	3,353	182.59	0.07
23.20	0.07	3,351	182.59	0.07
23.30	0.07	3,348	182.59	0.07
23.40	0.07	3,346	182.59	0.07
23.50	0.07	3,344	182.59	0.07
23.60	0.07	3,342	182.59	0.07
23.70	0.06	3,340	182.59	0.07
23.80	0.06	3,338	182.59	0.07
23.90	0.07	3,336	182.59	0.07
24.00	0.07	3,336	182.59	0.07
24.10	0.00	3,321	182.58	0.07
24.20	0.00	3,299	182.58	0.06
24.30	0.00	3,279	182.58	0.05
24.40	0.00	3,260	182.57	0.05
24.50	0.00	3,243	182.57	0.04
24.60	0.00	3,228	182.57	0.04
24.70	0.00	3,214	182.57	0.04
24.80	0.00	3,201	182.56	0.03
24.90	0.00	3,189	182.56	0.03
25.00	0.00	3,179	182.56	0.03
25.10	0.00	3,169	182.56	0.03
25.20	0.00	3,161	182.56	0.02
25.30	0.00	3,153	182.55	0.02
25.40	0.00	3,146	182.55	0.02
25.50	0.00	3,139	182.55	0.02
25.60	0.00	3,133	182.55	0.02
25.70	0.00	3,128	182.55	0.01
25.80	0.00	3,123	182.55	0.01
25.90	0.00	3,118	182.55	0.01

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,114	182.55	0.01
26.10	0.00	3,110	182.55	0.01
26.20	0.00	3,105	182.55	0.01
26.30	0.00	3,101	182.55	0.01
26.40	0.00	3,098	182.55	0.01
26.50	0.00	3,094	182.54	0.01
26.60	0.00	3,091	182.54	0.01
26.70	0.00	3,087	182.54	0.01
26.80	0.00	3,084	182.54	0.01
26.90	0.00	3,081	182.54	0.01
27.00	0.00	3,078	182.54	0.01
27.10	0.00	3,075	182.54	0.01
27.20	0.00	3,073	182.54	0.01
27.30	0.00	3,070	182.54	0.01
27.40	0.00	3,068	182.54	0.01
27.50	0.00	3,065	182.54	0.01
27.60	0.00	3,063	182.54	0.01
27.70	0.00	3,061	182.54	0.01
27.80	0.00	3,059	182.54	0.01
27.90	0.00	3,057	182.54	0.01
28.00	0.00	3,055	182.54	0.01
28.10	0.00	3,053	182.54	0.00
28.20	0.00	3,051	182.54	0.00
28.30	0.00	3,050	182.54	0.00
28.40	0.00	3,048	182.54	0.00
28.50	0.00	3,047	182.54	0.00
28.60	0.00	3,045	182.54	0.00
28.70	0.00	3,044	182.54	0.00
28.80	0.00	3,042	182.54	0.00
28.90	0.00	3,041	182.54	0.00
29.00	0.00	3,040	182.53	0.00
29.10	0.00	3,039	182.53	0.00
29.20	0.00	3,038	182.53	0.00
29.30	0.00	3,037	182.53	0.00
29.40	0.00	3,035	182.53	0.00
29.50	0.00	3,034	182.53	0.00
29.60	0.00	3,034	182.53	0.00
29.70	0.00	3,033	182.53	0.00
29.80	0.00	3,032	182.53	0.00
29.90	0.00	3,031	182.53	0.00
30.00	0.00	3,030	182.53	0.00
30.10	0.00	3,029	182.53	0.00
30.20	0.00	3,029	182.53	0.00
30.30	0.00	3,028	182.53	0.00
30.40	0.00	3,027	182.53	0.00
30.50	0.00	3,027	182.53	0.00
30.60	0.00	3,026	182.53	0.00
30.70	0.00	3,025	182.53	0.00
30.80	0.00	3,025	182.53	0.00
30.90	0.00	3,024	182.53	0.00
31.00	0.00	3,024	182.53	0.00
31.10	0.00	3,023	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,023	182.53	0.00
31.30	0.00	3,022	182.53	0.00
31.40	0.00	3,022	182.53	0.00
31.50	0.00	3,021	182.53	0.00
31.60	0.00	3,021	182.53	0.00
31.70	0.00	3,021	182.53	0.00
31.80	0.00	3,020	182.53	0.00
31.90	0.00	3,020	182.53	0.00
32.00	0.00	3,020	182.53	0.00
32.10	0.00	3,019	182.53	0.00
32.20	0.00	3,019	182.53	0.00
32.30	0.00	3,019	182.53	0.00
32.40	0.00	3,018	182.53	0.00
32.50	0.00	3,018	182.53	0.00
32.60	0.00	3,018	182.53	0.00
32.70	0.00	3,018	182.53	0.00
32.80	0.00	3,017	182.53	0.00
32.90	0.00	3,017	182.53	0.00
33.00	0.00	3,017	182.53	0.00
33.10	0.00	3,017	182.53	0.00
33.20	0.00	3,017	182.53	0.00
33.30	0.00	3,016	182.53	0.00
33.40	0.00	3,016	182.53	0.00
33.50	0.00	3,016	182.53	0.00
33.60	0.00	3,016	182.53	0.00
33.70	0.00	3,016	182.53	0.00
33.80	0.00	3,016	182.53	0.00
33.90	0.00	3,015	182.53	0.00
34.00	0.00	3,015	182.53	0.00
34.10	0.00	3,015	182.53	0.00
34.20	0.00	3,015	182.53	0.00
34.30	0.00	3,015	182.53	0.00
34.40	0.00	3,015	182.53	0.00
34.50	0.00	3,015	182.53	0.00
34.60	0.00	3,014	182.53	0.00
34.70	0.00	3,014	182.53	0.00
34.80	0.00	3,014	182.53	0.00
34.90	0.00	3,014	182.53	0.00
35.00	0.00	3,014	182.53	0.00
35.10	0.00	3,014	182.53	0.00
35.20	0.00	3,014	182.53	0.00
35.30	0.00	3,014	182.53	0.00
35.40	0.00	3,014	182.53	0.00
35.50	0.00	3,014	182.53	0.00
35.60	0.00	3,014	182.53	0.00
35.70	0.00	3,014	182.53	0.00
35.80	0.00	3,013	182.53	0.00
35.90	0.00	3,013	182.53	0.00
36.00	0.00	3,013	182.53	0.00
36.10	0.00	3,013	182.53	0.00
36.20	0.00	3,013	182.53	0.00
36.30	0.00	3,013	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,013	182.53	0.00
36.50	0.00	3,013	182.53	0.00
36.60	0.00	3,013	182.53	0.00
36.70	0.00	3,013	182.53	0.00
36.80	0.00	3,013	182.53	0.00
36.90	0.00	3,013	182.53	0.00
37.00	0.00	3,013	182.53	0.00
37.10	0.00	3,013	182.53	0.00
37.20	0.00	3,013	182.53	0.00
37.30	0.00	3,013	182.53	0.00
37.40	0.00	3,013	182.53	0.00
37.50	0.00	3,013	182.53	0.00
37.60	0.00	3,013	182.53	0.00
37.70	0.00	3,013	182.53	0.00
37.80	0.00	3,013	182.53	0.00
37.90	0.00	3,013	182.53	0.00
38.00	0.00	3,013	182.53	0.00
38.10	0.00	3,013	182.53	0.00
38.20	0.00	3,013	182.53	0.00
38.30	0.00	3,012	182.53	0.00
38.40	0.00	3,012	182.53	0.00
38.50	0.00	3,012	182.53	0.00
38.60	0.00	3,012	182.53	0.00
38.70	0.00	3,012	182.53	0.00
38.80	0.00	3,012	182.53	0.00
38.90	0.00	3,012	182.53	0.00
39.00	0.00	3,012	182.53	0.00
39.10	0.00	3,012	182.53	0.00
39.20	0.00	3,012	182.53	0.00
39.30	0.00	3,012	182.53	0.00
39.40	0.00	3,012	182.53	0.00
39.50	0.00	3,012	182.53	0.00
39.60	0.00	3,012	182.53	0.00
39.70	0.00	3,012	182.53	0.00
39.80	0.00	3,012	182.53	0.00
39.90	0.00	3,012	182.53	0.00
40.00	0.00	3,012	182.53	0.00

Stage-Discharge for Pond B-41: Basin #41

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.00	0.00	182.52	0.00	183.04	1.75	183.56	3.18
182.01	0.00	182.53	0.00	183.05	1.79	183.57	3.20
182.02	0.00	182.54	0.00	183.06	1.83	183.58	3.22
182.03	0.00	182.55	0.01	183.07	1.87	183.59	3.24
182.04	0.00	182.56	0.03	183.08	1.91	183.60	3.26
182.05	0.00	182.57	0.04	183.09	1.95	183.61	3.28
182.06	0.00	182.58	0.05	183.10	1.98	183.62	3.30
182.07	0.00	182.59	0.07	183.11	2.02	183.63	3.32
182.08	0.00	182.60	0.09	183.12	2.05	183.64	3.34
182.09	0.00	182.61	0.11	183.13	2.09	183.65	3.36
182.10	0.00	182.62	0.13	183.14	2.12	183.66	3.38
182.11	0.00	182.63	0.15	183.15	2.15	183.67	3.40
182.12	0.00	182.64	0.18	183.16	2.18	183.68	3.41
182.13	0.00	182.65	0.20	183.17	2.21	183.69	3.43
182.14	0.00	182.66	0.23	183.18	2.24	183.70	3.45
182.15	0.00	182.67	0.25	183.19	2.27	183.71	3.47
182.16	0.00	182.68	0.28	183.20	2.30	183.72	3.49
182.17	0.00	182.69	0.31	183.21	2.33	183.73	3.51
182.18	0.00	182.70	0.34	183.22	2.36	183.74	3.53
182.19	0.00	182.71	0.37	183.23	2.39	183.75	3.55
182.20	0.00	182.72	0.40	183.24	2.42	183.76	3.57
182.21	0.00	182.73	0.43	183.25	2.44	183.77	3.58
182.22	0.00	182.74	0.46	183.26	2.47	183.78	3.60
182.23	0.00	182.75	0.50	183.27	2.50	183.79	3.62
182.24	0.00	182.76	0.53	183.28	2.53	183.80	3.64
182.25	0.00	182.77	0.57	183.29	2.55	183.81	3.66
182.26	0.00	182.78	0.60	183.30	2.58	183.82	3.67
182.27	0.00	182.79	0.64	183.31	2.60	183.83	3.69
182.28	0.00	182.80	0.68	183.32	2.63	183.84	3.71
182.29	0.00	182.81	0.71	183.33	2.65	183.85	3.73
182.30	0.00	182.82	0.75	183.34	2.68	183.86	3.74
182.31	0.00	182.83	0.79	183.35	2.70	183.87	3.76
182.32	0.00	182.84	0.83	183.36	2.73	183.88	3.78
182.33	0.00	182.85	0.87	183.37	2.75	183.89	3.80
182.34	0.00	182.86	0.91	183.38	2.78	183.90	3.81
182.35	0.00	182.87	0.95	183.39	2.80	183.91	3.83
182.36	0.00	182.88	1.00	183.40	2.82	183.92	3.85
182.37	0.00	182.89	1.04	183.41	2.85	183.93	3.86
182.38	0.00	182.90	1.08	183.42	2.87	183.94	3.88
182.39	0.00	182.91	1.13	183.43	2.89	183.95	3.90
182.40	0.00	182.92	1.17	183.44	2.92	183.96	3.92
182.41	0.00	182.93	1.22	183.45	2.94	183.97	3.93
182.42	0.00	182.94	1.26	183.46	2.96	183.98	3.95
182.43	0.00	182.95	1.31	183.47	2.98	183.99	3.97
182.44	0.00	182.96	1.36	183.48	3.00	184.00	3.98
182.45	0.00	182.97	1.41	183.49	3.03	184.01	4.00
182.46	0.00	182.98	1.45	183.50	3.05	184.02	4.01
182.47	0.00	182.99	1.50	183.51	3.07	184.03	4.03
182.48	0.00	183.00	1.55	183.52	3.09	184.04	4.05
182.49	0.00	183.01	1.60	183.53	3.11	184.05	4.06
182.50	0.00	183.02	1.65	183.54	3.13	184.06	4.08
182.51	0.00	183.03	1.70	183.55	3.15	184.07	4.10

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.08	4.11	184.60	4.87	185.12	5.52	185.64	6.11
184.09	4.13	184.61	4.88	185.13	5.53	185.65	6.12
184.10	4.14	184.62	4.89	185.14	5.55	185.66	6.13
184.11	4.16	184.63	4.91	185.15	5.56	185.67	6.14
184.12	4.17	184.64	4.92	185.16	5.57	185.68	6.15
184.13	4.19	184.65	4.93	185.17	5.58	185.69	6.16
184.14	4.21	184.66	4.95	185.18	5.59	185.70	6.17
184.15	4.22	184.67	4.96	185.19	5.60	185.71	6.18
184.16	4.24	184.68	4.97	185.20	5.62	185.72	6.19
184.17	4.25	184.69	4.99	185.21	5.63	185.73	6.20
184.18	4.27	184.70	5.00	185.22	5.64	185.74	6.21
184.19	4.28	184.71	5.01	185.23	5.65	185.75	6.22
184.20	4.30	184.72	5.03	185.24	5.66	185.76	6.23
184.21	4.31	184.73	5.04	185.25	5.67	185.77	6.24
184.22	4.33	184.74	5.05	185.26	5.68	185.78	6.25
184.23	4.34	184.75	5.07	185.27	5.70	185.79	6.26
184.24	4.36	184.76	5.08	185.28	5.71	185.80	6.27
184.25	4.37	184.77	5.09	185.29	5.72	185.81	6.28
184.26	4.39	184.78	5.10	185.30	5.73	185.82	6.29
184.27	4.40	184.79	5.12	185.31	5.74	185.83	6.30
184.28	4.42	184.80	5.13	185.32	5.75	185.84	6.32
184.29	4.43	184.81	5.14	185.33	5.76	185.85	6.33
184.30	4.45	184.82	5.15	185.34	5.78	185.86	6.34
184.31	4.46	184.83	5.17	185.35	5.79	185.87	6.35
184.32	4.48	184.84	5.18	185.36	5.80	185.88	6.36
184.33	4.49	184.85	5.19	185.37	5.81	185.89	6.37
184.34	4.51	184.86	5.21	185.38	5.82	185.90	6.38
184.35	4.52	184.87	5.22	185.39	5.83	185.91	6.39
184.36	4.53	184.88	5.23	185.40	5.84	185.92	6.40
184.37	4.55	184.89	5.24	185.41	5.85	185.93	6.41
184.38	4.56	184.90	5.25	185.42	5.87	185.94	6.42
184.39	4.58	184.91	5.27	185.43	5.88	185.95	6.43
184.40	4.59	184.92	5.28	185.44	5.89	185.96	6.44
184.41	4.61	184.93	5.29	185.45	5.90	185.97	6.45
184.42	4.62	184.94	5.30	185.46	5.91	185.98	6.46
184.43	4.63	184.95	5.32	185.47	5.92	185.99	6.47
184.44	4.65	184.96	5.33	185.48	5.93	186.00	6.48
184.45	4.66	184.97	5.34	185.49	5.94	186.01	6.50
184.46	4.68	184.98	5.35	185.50	5.95	186.02	6.54
184.47	4.69	184.99	5.37	185.51	5.96	186.03	6.58
184.48	4.70	185.00	5.38	185.52	5.98	186.04	6.62
184.49	4.72	185.01	5.39	185.53	5.99	186.05	6.67
184.50	4.73	185.02	5.40	185.54	6.00	186.06	6.73
184.51	4.75	185.03	5.41	185.55	6.01	186.07	6.79
184.52	4.76	185.04	5.43	185.56	6.02	186.08	6.85
184.53	4.77	185.05	5.44	185.57	6.03	186.09	6.92
184.54	4.79	185.06	5.45	185.58	6.04	186.10	6.99
184.55	4.80	185.07	5.46	185.59	6.05	186.11	7.06
184.56	4.81	185.08	5.47	185.60	6.06	186.12	7.14
184.57	4.83	185.09	5.49	185.61	6.07	186.13	7.22
184.58	4.84	185.10	5.50	185.62	6.08	186.14	7.30
184.59	4.85	185.11	5.51	185.63	6.09	186.15	7.38

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.16	7.47	186.68	23.23
186.17	7.56	186.69	24.16
186.18	7.65	186.70	25.11
186.19	7.74	186.71	26.12
186.20	7.84	186.72	27.15
186.21	7.93	186.73	28.22
186.22	8.03	186.74	29.31
186.23	8.13	186.75	30.42
186.24	8.24	186.76	31.57
186.25	8.34	186.77	32.74
186.26	8.45	186.78	33.93
186.27	8.56	186.79	35.15
186.28	8.67	186.80	36.39
186.29	8.78	186.81	37.66
186.30	8.89	186.82	38.96
186.31	9.01	186.83	40.28
186.32	9.12	186.84	41.62
186.33	9.24	186.85	43.00
186.34	9.36	186.86	44.35
186.35	9.48	186.87	45.62
186.36	9.61	186.88	46.91
186.37	9.73	186.89	48.22
186.38	9.86	186.90	49.56
186.39	9.98	186.91	50.95
186.40	10.11	186.92	52.36
186.41	10.24	186.93	53.80
186.42	10.37	186.94	55.27
186.43	10.51	186.95	56.76
186.44	10.64	186.96	58.28
186.45	10.78	186.97	59.82
186.46	10.91	186.98	61.39
186.47	11.05	186.99	62.99
186.48	11.19	187.00	64.62
186.49	11.33		
186.50	11.47		
186.51	11.73		
186.52	12.09		
186.53	12.51		
186.54	12.99		
186.55	13.51		
186.56	14.07		
186.57	14.67		
186.58	15.31		
186.59	15.97		
186.60	16.67		
186.61	17.40		
186.62	18.15		
186.63	18.94		
186.64	19.75		
186.65	20.58		
186.66	21.44		
186.67	22.32		

Stage-Area-Storage for Pond B-41: Basin #41

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.00	5,683	0	182.52	5,683	2,955
182.01	5,683	57	182.53	5,683	3,012
182.02	5,683	114	182.54	5,683	3,069
182.03	5,683	170	182.55	5,683	3,126
182.04	5,683	227	182.56	5,683	3,182
182.05	5,683	284	182.57	5,683	3,239
182.06	5,683	341	182.58	5,683	3,296
182.07	5,683	398	182.59	5,683	3,353
182.08	5,683	455	182.60	5,683	3,410
182.09	5,683	511	182.61	5,683	3,467
182.10	5,683	568	182.62	5,683	3,523
182.11	5,683	625	182.63	5,683	3,580
182.12	5,683	682	182.64	5,683	3,637
182.13	5,683	739	182.65	5,683	3,694
182.14	5,683	796	182.66	5,683	3,751
182.15	5,683	852	182.67	5,683	3,808
182.16	5,683	909	182.68	5,683	3,864
182.17	5,683	966	182.69	5,683	3,921
182.18	5,683	1,023	182.70	5,683	3,978
182.19	5,683	1,080	182.71	5,683	4,035
182.20	5,683	1,137	182.72	5,683	4,092
182.21	5,683	1,193	182.73	5,683	4,149
182.22	5,683	1,250	182.74	5,683	4,205
182.23	5,683	1,307	182.75	5,683	4,262
182.24	5,683	1,364	182.76	5,683	4,319
182.25	5,683	1,421	182.77	5,683	4,376
182.26	5,683	1,478	182.78	5,683	4,433
182.27	5,683	1,534	182.79	5,683	4,490
182.28	5,683	1,591	182.80	5,683	4,546
182.29	5,683	1,648	182.81	5,683	4,603
182.30	5,683	1,705	182.82	5,683	4,660
182.31	5,683	1,762	182.83	5,683	4,717
182.32	5,683	1,819	182.84	5,683	4,774
182.33	5,683	1,875	182.85	5,683	4,831
182.34	5,683	1,932	182.86	5,683	4,887
182.35	5,683	1,989	182.87	5,683	4,944
182.36	5,683	2,046	182.88	5,683	5,001
182.37	5,683	2,103	182.89	5,683	5,058
182.38	5,683	2,160	182.90	5,683	5,115
182.39	5,683	2,216	182.91	5,683	5,172
182.40	5,683	2,273	182.92	5,683	5,228
182.41	5,683	2,330	182.93	5,683	5,285
182.42	5,683	2,387	182.94	5,683	5,342
182.43	5,683	2,444	182.95	5,683	5,399
182.44	5,683	2,501	182.96	5,683	5,456
182.45	5,683	2,557	182.97	5,683	5,513
182.46	5,683	2,614	182.98	5,683	5,569
182.47	5,683	2,671	182.99	5,683	5,626
182.48	5,683	2,728	183.00	5,683	5,683
182.49	5,683	2,785	183.01	5,683	5,740
182.50	5,683	2,842	183.02	5,683	5,797
182.51	5,683	2,898	183.03	5,683	5,853

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.04	5,683	5,910	183.56	5,683	8,865
183.05	5,683	5,967	183.57	5,683	8,922
183.06	5,683	6,024	183.58	5,683	8,979
183.07	5,683	6,081	183.59	5,683	9,036
183.08	5,683	6,138	183.60	5,683	9,093
183.09	5,683	6,194	183.61	5,683	9,150
183.10	5,683	6,251	183.62	5,683	9,206
183.11	5,683	6,308	183.63	5,683	9,263
183.12	5,683	6,365	183.64	5,683	9,320
183.13	5,683	6,422	183.65	5,683	9,377
183.14	5,683	6,479	183.66	5,683	9,434
183.15	5,683	6,535	183.67	5,683	9,491
183.16	5,683	6,592	183.68	5,683	9,547
183.17	5,683	6,649	183.69	5,683	9,604
183.18	5,683	6,706	183.70	5,683	9,661
183.19	5,683	6,763	183.71	5,683	9,718
183.20	5,683	6,820	183.72	5,683	9,775
183.21	5,683	6,876	183.73	5,683	9,832
183.22	5,683	6,933	183.74	5,683	9,888
183.23	5,683	6,990	183.75	5,683	9,945
183.24	5,683	7,047	183.76	5,683	10,002
183.25	5,683	7,104	183.77	5,683	10,059
183.26	5,683	7,161	183.78	5,683	10,116
183.27	5,683	7,217	183.79	5,683	10,173
183.28	5,683	7,274	183.80	5,683	10,229
183.29	5,683	7,331	183.81	5,683	10,286
183.30	5,683	7,388	183.82	5,683	10,343
183.31	5,683	7,445	183.83	5,683	10,400
183.32	5,683	7,502	183.84	5,683	10,457
183.33	5,683	7,558	183.85	5,683	10,514
183.34	5,683	7,615	183.86	5,683	10,570
183.35	5,683	7,672	183.87	5,683	10,627
183.36	5,683	7,729	183.88	5,683	10,684
183.37	5,683	7,786	183.89	5,683	10,741
183.38	5,683	7,843	183.90	5,683	10,798
183.39	5,683	7,899	183.91	5,683	10,855
183.40	5,683	7,956	183.92	5,683	10,911
183.41	5,683	8,013	183.93	5,683	10,968
183.42	5,683	8,070	183.94	5,683	11,025
183.43	5,683	8,127	183.95	5,683	11,082
183.44	5,683	8,184	183.96	5,683	11,139
183.45	5,683	8,240	183.97	5,683	11,196
183.46	5,683	8,297	183.98	5,683	11,252
183.47	5,683	8,354	183.99	5,683	11,309
183.48	5,683	8,411	184.00	5,683	11,366
183.49	5,683	8,468	184.01	5,683	11,423
183.50	5,683	8,525	184.02	5,683	11,480
183.51	5,683	8,581	184.03	5,683	11,536
183.52	5,683	8,638	184.04	5,683	11,593
183.53	5,683	8,695	184.05	5,683	11,650
183.54	5,683	8,752	184.06	5,683	11,707
183.55	5,683	8,809	184.07	5,683	11,764

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.08	5,683	11,821	184.60	5,683	14,776
184.09	5,683	11,877	184.61	5,683	14,833
184.10	5,683	11,934	184.62	5,683	14,889
184.11	5,683	11,991	184.63	5,683	14,946
184.12	5,683	12,048	184.64	5,683	15,003
184.13	5,683	12,105	184.65	5,683	15,060
184.14	5,683	12,162	184.66	5,683	15,117
184.15	5,683	12,218	184.67	5,683	15,174
184.16	5,683	12,275	184.68	5,683	15,230
184.17	5,683	12,332	184.69	5,683	15,287
184.18	5,683	12,389	184.70	5,683	15,344
184.19	5,683	12,446	184.71	5,683	15,401
184.20	5,683	12,503	184.72	5,683	15,458
184.21	5,683	12,559	184.73	5,683	15,515
184.22	5,683	12,616	184.74	5,683	15,571
184.23	5,683	12,673	184.75	5,683	15,628
184.24	5,683	12,730	184.76	5,683	15,685
184.25	5,683	12,787	184.77	5,683	15,742
184.26	5,683	12,844	184.78	5,683	15,799
184.27	5,683	12,900	184.79	5,683	15,856
184.28	5,683	12,957	184.80	5,683	15,912
184.29	5,683	13,014	184.81	5,683	15,969
184.30	5,683	13,071	184.82	5,683	16,026
184.31	5,683	13,128	184.83	5,683	16,083
184.32	5,683	13,185	184.84	5,683	16,140
184.33	5,683	13,241	184.85	5,683	16,197
184.34	5,683	13,298	184.86	5,683	16,253
184.35	5,683	13,355	184.87	5,683	16,310
184.36	5,683	13,412	184.88	5,683	16,367
184.37	5,683	13,469	184.89	5,683	16,424
184.38	5,683	13,526	184.90	5,683	16,481
184.39	5,683	13,582	184.91	5,683	16,538
184.40	5,683	13,639	184.92	5,683	16,594
184.41	5,683	13,696	184.93	5,683	16,651
184.42	5,683	13,753	184.94	5,683	16,708
184.43	5,683	13,810	184.95	5,683	16,765
184.44	5,683	13,867	184.96	5,683	16,822
184.45	5,683	13,923	184.97	5,683	16,879
184.46	5,683	13,980	184.98	5,683	16,935
184.47	5,683	14,037	184.99	5,683	16,992
184.48	5,683	14,094	185.00	5,683	17,049
184.49	5,683	14,151	185.01	5,683	17,106
184.50	5,683	14,208	185.02	5,683	17,163
184.51	5,683	14,264	185.03	5,683	17,219
184.52	5,683	14,321	185.04	5,683	17,276
184.53	5,683	14,378	185.05	5,683	17,333
184.54	5,683	14,435	185.06	5,683	17,390
184.55	5,683	14,492	185.07	5,683	17,447
184.56	5,683	14,548	185.08	5,683	17,504
184.57	5,683	14,605	185.09	5,683	17,560
184.58	5,683	14,662	185.10	5,683	17,617
184.59	5,683	14,719	185.11	5,683	17,674

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.12	5,683	17,731	185.64	5,683	20,686
185.13	5,683	17,788	185.65	5,683	20,743
185.14	5,683	17,845	185.66	5,683	20,800
185.15	5,683	17,901	185.67	5,683	20,857
185.16	5,683	17,958	185.68	5,683	20,913
185.17	5,683	18,015	185.69	5,683	20,970
185.18	5,683	18,072	185.70	5,683	21,027
185.19	5,683	18,129	185.71	5,683	21,084
185.20	5,683	18,186	185.72	5,683	21,141
185.21	5,683	18,242	185.73	5,683	21,198
185.22	5,683	18,299	185.74	5,683	21,254
185.23	5,683	18,356	185.75	5,683	21,311
185.24	5,683	18,413	185.76	5,683	21,368
185.25	5,683	18,470	185.77	5,683	21,425
185.26	5,683	18,527	185.78	5,683	21,482
185.27	5,683	18,583	185.79	5,683	21,539
185.28	5,683	18,640	185.80	5,683	21,595
185.29	5,683	18,697	185.81	5,683	21,652
185.30	5,683	18,754	185.82	5,683	21,709
185.31	5,683	18,811	185.83	5,683	21,766
185.32	5,683	18,868	185.84	5,683	21,823
185.33	5,683	18,924	185.85	5,683	21,880
185.34	5,683	18,981	185.86	5,683	21,936
185.35	5,683	19,038	185.87	5,683	21,993
185.36	5,683	19,095	185.88	5,683	22,050
185.37	5,683	19,152	185.89	5,683	22,107
185.38	5,683	19,209	185.90	5,683	22,164
185.39	5,683	19,265	185.91	5,683	22,221
185.40	5,683	19,322	185.92	5,683	22,277
185.41	5,683	19,379	185.93	5,683	22,334
185.42	5,683	19,436	185.94	5,683	22,391
185.43	5,683	19,493	185.95	5,683	22,448
185.44	5,683	19,550	185.96	5,683	22,505
185.45	5,683	19,606	185.97	5,683	22,562
185.46	5,683	19,663	185.98	5,683	22,618
185.47	5,683	19,720	185.99	5,683	22,675
185.48	5,683	19,777	186.00	5,683	22,732
185.49	5,683	19,834	186.01	5,683	22,789
185.50	5,683	19,891	186.02	5,683	22,846
185.51	5,683	19,947	186.03	5,683	22,902
185.52	5,683	20,004	186.04	5,683	22,959
185.53	5,683	20,061	186.05	5,683	23,016
185.54	5,683	20,118	186.06	5,683	23,073
185.55	5,683	20,175	186.07	5,683	23,130
185.56	5,683	20,231	186.08	5,683	23,187
185.57	5,683	20,288	186.09	5,683	23,243
185.58	5,683	20,345	186.10	5,683	23,300
185.59	5,683	20,402	186.11	5,683	23,357
185.60	5,683	20,459	186.12	5,683	23,414
185.61	5,683	20,516	186.13	5,683	23,471
185.62	5,683	20,572	186.14	5,683	23,528
185.63	5,683	20,629	186.15	5,683	23,584

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.16	5,683	23,641	186.68	5,683	26,596
186.17	5,683	23,698	186.69	5,683	26,653
186.18	5,683	23,755	186.70	5,683	26,710
186.19	5,683	23,812	186.71	5,683	26,767
186.20	5,683	23,869	186.72	5,683	26,824
186.21	5,683	23,925	186.73	5,683	26,881
186.22	5,683	23,982	186.74	5,683	26,937
186.23	5,683	24,039	186.75	5,683	26,994
186.24	5,683	24,096	186.76	5,683	27,051
186.25	5,683	24,153	186.77	5,683	27,108
186.26	5,683	24,210	186.78	5,683	27,165
186.27	5,683	24,266	186.79	5,683	27,222
186.28	5,683	24,323	186.80	5,683	27,278
186.29	5,683	24,380	186.81	5,683	27,335
186.30	5,683	24,437	186.82	5,683	27,392
186.31	5,683	24,494	186.83	5,683	27,449
186.32	5,683	24,551	186.84	5,683	27,506
186.33	5,683	24,607	186.85	5,683	27,563
186.34	5,683	24,664	186.86	5,683	27,619
186.35	5,683	24,721	186.87	5,683	27,676
186.36	5,683	24,778	186.88	5,683	27,733
186.37	5,683	24,835	186.89	5,683	27,790
186.38	5,683	24,892	186.90	5,683	27,847
186.39	5,683	24,948	186.91	5,683	27,904
186.40	5,683	25,005	186.92	5,683	27,960
186.41	5,683	25,062	186.93	5,683	28,017
186.42	5,683	25,119	186.94	5,683	28,074
186.43	5,683	25,176	186.95	5,683	28,131
186.44	5,683	25,233	186.96	5,683	28,188
186.45	5,683	25,289	186.97	5,683	28,245
186.46	5,683	25,346	186.98	5,683	28,301
186.47	5,683	25,403	186.99	5,683	28,358
186.48	5,683	25,460	187.00	5,683	28,415
186.49	5,683	25,517			
186.50	5,683	25,574			
186.51	5,683	25,630			
186.52	5,683	25,687			
186.53	5,683	25,744			
186.54	5,683	25,801			
186.55	5,683	25,858			
186.56	5,683	25,914			
186.57	5,683	25,971			
186.58	5,683	26,028			
186.59	5,683	26,085			
186.60	5,683	26,142			
186.61	5,683	26,199			
186.62	5,683	26,255			
186.63	5,683	26,312			
186.64	5,683	26,369			
186.65	5,683	26,426			
186.66	5,683	26,483			
186.67	5,683	26,540			

Summary for Pond B-42: Basin #42

Inflow Area = 0.777 ac, 38.35% Impervious, Inflow Depth = 1.90" for Current 2 yr event
 Inflow = 1.94 cfs @ 12.07 hrs, Volume= 0.123 af
 Outflow = 0.10 cfs @ 13.52 hrs, Volume= 0.070 af, Atten= 95%, Lag= 86.7 min
 Primary = 0.10 cfs @ 13.52 hrs, Volume= 0.070 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.37' @ 13.52 hrs Surf.Area= 2,799 sf Storage= 3,372 cf

Plug-Flow detention time= 374.1 min calculated for 0.070 af (57% of inflow)
 Center-of-Mass det. time= 252.7 min (1,044.3 - 791.6)

Volume	Invert	Avail.Storage	Storage Description
#1	181.00'	22,250 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
181.00	2,142	0	0
182.00	2,613	2,378	2,378
183.00	3,118	2,866	5,243
184.00	3,656	3,387	8,630
185.00	4,227	3,942	12,572
186.00	4,831	4,529	17,101
187.00	5,468	5,150	22,250

Device	Routing	Invert	Outlet Devices
#1	Primary	181.96'	18.0" Round Culvert L= 192.0' Ke= 0.500 Inlet / Outlet Invert= 181.96' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.10 cfs @ 13.52 hrs HW=182.37' (Free Discharge)

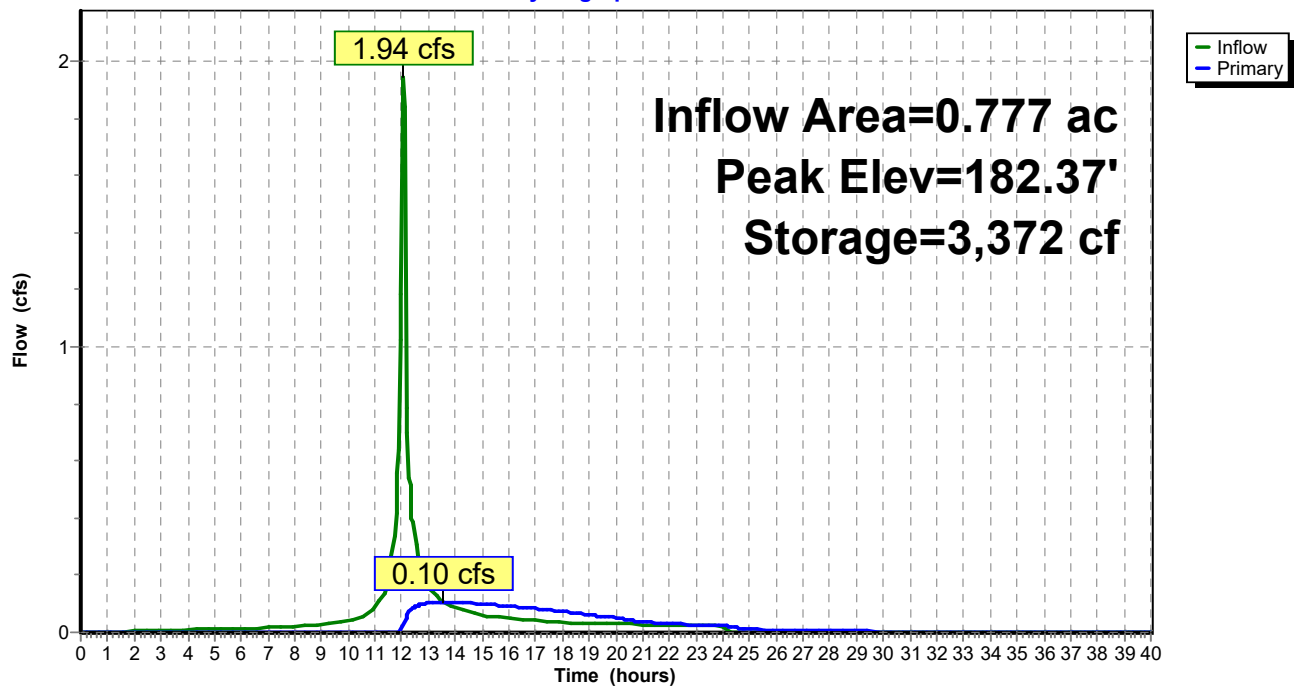
1=Culvert (Passes 0.10 cfs of 0.66 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.10 cfs @ 3.07 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-42: Basin #42

Culvert
 Orifice/Grate

Pond B-42: Basin #42

Hydrograph



Hydrograph for Pond B-42: Basin #42

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	181.00	0.00
0.10	0.00	0	181.00	0.00
0.20	0.00	0	181.00	0.00
0.30	0.00	0	181.00	0.00
0.40	0.00	0	181.00	0.00
0.50	0.00	0	181.00	0.00
0.60	0.00	0	181.00	0.00
0.70	0.00	0	181.00	0.00
0.80	0.00	0	181.00	0.00
0.90	0.00	0	181.00	0.00
1.00	0.00	0	181.00	0.00
1.10	0.00	0	181.00	0.00
1.20	0.00	0	181.00	0.00
1.30	0.00	0	181.00	0.00
1.40	0.00	1	181.00	0.00
1.50	0.00	1	181.00	0.00
1.60	0.00	2	181.00	0.00
1.70	0.00	2	181.00	0.00
1.80	0.00	3	181.00	0.00
1.90	0.00	4	181.00	0.00
2.00	0.00	5	181.00	0.00
2.10	0.00	6	181.00	0.00
2.20	0.00	8	181.00	0.00
2.30	0.00	9	181.00	0.00
2.40	0.00	11	181.01	0.00
2.50	0.00	13	181.01	0.00
2.60	0.01	14	181.01	0.00
2.70	0.01	16	181.01	0.00
2.80	0.01	18	181.01	0.00
2.90	0.01	20	181.01	0.00
3.00	0.01	23	181.01	0.00
3.10	0.01	25	181.01	0.00
3.20	0.01	27	181.01	0.00
3.30	0.01	30	181.01	0.00
3.40	0.01	32	181.01	0.00
3.50	0.01	35	181.02	0.00
3.60	0.01	38	181.02	0.00
3.70	0.01	40	181.02	0.00
3.80	0.01	43	181.02	0.00
3.90	0.01	46	181.02	0.00
4.00	0.01	49	181.02	0.00
4.10	0.01	53	181.02	0.00
4.20	0.01	56	181.03	0.00
4.30	0.01	59	181.03	0.00
4.40	0.01	63	181.03	0.00
4.50	0.01	66	181.03	0.00
4.60	0.01	70	181.03	0.00
4.70	0.01	73	181.03	0.00
4.80	0.01	77	181.04	0.00
4.90	0.01	81	181.04	0.00
5.00	0.01	84	181.04	0.00
5.10	0.01	88	181.04	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	92	181.04	0.00
5.30	0.01	96	181.04	0.00
5.40	0.01	100	181.05	0.00
5.50	0.01	105	181.05	0.00
5.60	0.01	109	181.05	0.00
5.70	0.01	113	181.05	0.00
5.80	0.01	117	181.05	0.00
5.90	0.01	122	181.06	0.00
6.00	0.01	126	181.06	0.00
6.10	0.01	131	181.06	0.00
6.20	0.01	136	181.06	0.00
6.30	0.01	141	181.07	0.00
6.40	0.01	146	181.07	0.00
6.50	0.01	151	181.07	0.00
6.60	0.02	156	181.07	0.00
6.70	0.02	162	181.07	0.00
6.80	0.02	167	181.08	0.00
6.90	0.02	173	181.08	0.00
7.00	0.02	179	181.08	0.00
7.10	0.02	185	181.09	0.00
7.20	0.02	192	181.09	0.00
7.30	0.02	198	181.09	0.00
7.40	0.02	205	181.09	0.00
7.50	0.02	211	181.10	0.00
7.60	0.02	218	181.10	0.00
7.70	0.02	225	181.10	0.00
7.80	0.02	232	181.11	0.00
7.90	0.02	240	181.11	0.00
8.00	0.02	247	181.11	0.00
8.10	0.02	255	181.12	0.00
8.20	0.02	263	181.12	0.00
8.30	0.02	271	181.12	0.00
8.40	0.02	279	181.13	0.00
8.50	0.02	287	181.13	0.00
8.60	0.02	296	181.14	0.00
8.70	0.02	305	181.14	0.00
8.80	0.02	313	181.14	0.00
8.90	0.03	322	181.15	0.00
9.00	0.03	331	181.15	0.00
9.10	0.03	341	181.16	0.00
9.20	0.03	351	181.16	0.00
9.30	0.03	362	181.17	0.00
9.40	0.03	373	181.17	0.00
9.50	0.03	384	181.18	0.00
9.60	0.03	397	181.18	0.00
9.70	0.04	409	181.19	0.00
9.80	0.04	423	181.19	0.00
9.90	0.04	437	181.20	0.00
10.00	0.04	451	181.21	0.00
10.10	0.04	466	181.21	0.00
10.20	0.04	481	181.22	0.00
10.30	0.05	497	181.23	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.05	514	181.23	0.00
10.50	0.05	531	181.24	0.00
10.60	0.05	550	181.25	0.00
10.70	0.06	571	181.26	0.00
10.80	0.07	595	181.27	0.00
10.90	0.08	621	181.28	0.00
11.00	0.08	650	181.29	0.00
11.10	0.10	683	181.31	0.00
11.20	0.11	722	181.33	0.00
11.30	0.13	766	181.34	0.00
11.40	0.14	816	181.37	0.00
11.50	0.17	871	181.39	0.00
11.60	0.25	953	181.43	0.00
11.70	0.29	1,051	181.47	0.00
11.80	0.42	1,184	181.52	0.00
11.90	0.64	1,379	181.60	0.00
12.00	1.18	1,727	181.75	0.00
12.10	1.84	2,334	181.98	0.00
12.20	0.70	2,690	182.12	0.06
12.30	0.51	2,870	182.19	0.08
12.40	0.39	2,994	182.23	0.09
12.50	0.36	3,097	182.27	0.09
12.60	0.24	3,163	182.29	0.09
12.70	0.23	3,213	182.31	0.10
12.80	0.21	3,256	182.33	0.10
12.90	0.19	3,290	182.34	0.10
13.00	0.17	3,318	182.35	0.10
13.10	0.15	3,337	182.36	0.10
13.20	0.14	3,352	182.36	0.10
13.30	0.13	3,363	182.36	0.10
13.40	0.12	3,369	182.37	0.10
13.50	0.11	3,372	182.37	0.10
13.60	0.10	3,371	182.37	0.10
13.70	0.10	3,368	182.37	0.10
13.80	0.09	3,364	182.36	0.10
13.90	0.09	3,359	182.36	0.10
14.00	0.09	3,354	182.36	0.10
14.10	0.08	3,347	182.36	0.10
14.20	0.08	3,340	182.36	0.10
14.30	0.08	3,331	182.35	0.10
14.40	0.08	3,322	182.35	0.10
14.50	0.07	3,312	182.35	0.10
14.60	0.07	3,301	182.34	0.10
14.70	0.07	3,289	182.34	0.10
14.80	0.06	3,277	182.33	0.10
14.90	0.06	3,263	182.33	0.10
15.00	0.06	3,249	182.32	0.10
15.10	0.06	3,234	182.32	0.10
15.20	0.06	3,219	182.31	0.10
15.30	0.05	3,204	182.31	0.10
15.40	0.05	3,188	182.30	0.10
15.50	0.05	3,173	182.30	0.10

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.05	3,158	182.29	0.09
15.70	0.05	3,143	182.28	0.09
15.80	0.05	3,128	182.28	0.09
15.90	0.05	3,113	182.27	0.09
16.00	0.05	3,097	182.27	0.09
16.10	0.05	3,082	182.26	0.09
16.20	0.05	3,067	182.26	0.09
16.30	0.05	3,052	182.25	0.09
16.40	0.05	3,037	182.25	0.09
16.50	0.05	3,022	182.24	0.09
16.60	0.04	3,007	182.24	0.09
16.70	0.04	2,992	182.23	0.09
16.80	0.04	2,977	182.22	0.08
16.90	0.04	2,962	182.22	0.08
17.00	0.04	2,948	182.21	0.08
17.10	0.04	2,933	182.21	0.08
17.20	0.04	2,918	182.20	0.08
17.30	0.04	2,903	182.20	0.08
17.40	0.04	2,889	182.19	0.08
17.50	0.04	2,874	182.19	0.08
17.60	0.04	2,859	182.18	0.08
17.70	0.04	2,845	182.18	0.08
17.80	0.04	2,831	182.17	0.08
17.90	0.03	2,816	182.17	0.07
18.00	0.03	2,802	182.16	0.07
18.10	0.03	2,788	182.15	0.07
18.20	0.03	2,774	182.15	0.07
18.30	0.03	2,760	182.14	0.07
18.40	0.03	2,746	182.14	0.07
18.50	0.03	2,733	182.13	0.07
18.60	0.03	2,720	182.13	0.07
18.70	0.03	2,708	182.12	0.07
18.80	0.03	2,696	182.12	0.06
18.90	0.03	2,685	182.12	0.06
19.00	0.03	2,674	182.11	0.06
19.10	0.03	2,663	182.11	0.06
19.20	0.03	2,652	182.10	0.06
19.30	0.03	2,642	182.10	0.06
19.40	0.03	2,633	182.10	0.06
19.50	0.03	2,623	182.09	0.06
19.60	0.03	2,614	182.09	0.06
19.70	0.03	2,605	182.09	0.05
19.80	0.03	2,596	182.08	0.05
19.90	0.03	2,588	182.08	0.05
20.00	0.03	2,580	182.08	0.05
20.10	0.03	2,573	182.07	0.05
20.20	0.03	2,566	182.07	0.05
20.30	0.03	2,560	182.07	0.05
20.40	0.03	2,554	182.07	0.04
20.50	0.03	2,549	182.07	0.04
20.60	0.03	2,544	182.06	0.04
20.70	0.03	2,540	182.06	0.04

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.03	2,535	182.06	0.04
20.90	0.03	2,531	182.06	0.04
21.00	0.03	2,528	182.06	0.04
21.10	0.03	2,524	182.06	0.04
21.20	0.03	2,521	182.05	0.04
21.30	0.03	2,518	182.05	0.03
21.40	0.03	2,516	182.05	0.03
21.50	0.03	2,513	182.05	0.03
21.60	0.03	2,511	182.05	0.03
21.70	0.03	2,508	182.05	0.03
21.80	0.03	2,506	182.05	0.03
21.90	0.03	2,504	182.05	0.03
22.00	0.03	2,502	182.05	0.03
22.10	0.03	2,501	182.05	0.03
22.20	0.03	2,499	182.05	0.03
22.30	0.02	2,497	182.05	0.03
22.40	0.02	2,496	182.04	0.03
22.50	0.02	2,494	182.04	0.03
22.60	0.02	2,493	182.04	0.03
22.70	0.02	2,492	182.04	0.03
22.80	0.02	2,490	182.04	0.03
22.90	0.02	2,489	182.04	0.03
23.00	0.02	2,488	182.04	0.03
23.10	0.02	2,487	182.04	0.03
23.20	0.02	2,485	182.04	0.03
23.30	0.02	2,484	182.04	0.03
23.40	0.02	2,483	182.04	0.03
23.50	0.02	2,482	182.04	0.03
23.60	0.02	2,481	182.04	0.03
23.70	0.02	2,480	182.04	0.02
23.80	0.02	2,479	182.04	0.02
23.90	0.02	2,478	182.04	0.02
24.00	0.02	2,478	182.04	0.02
24.10	0.00	2,472	182.04	0.02
24.20	0.00	2,464	182.03	0.02
24.30	0.00	2,457	182.03	0.02
24.40	0.00	2,451	182.03	0.02
24.50	0.00	2,445	182.03	0.02
24.60	0.00	2,439	182.02	0.01
24.70	0.00	2,434	182.02	0.01
24.80	0.00	2,430	182.02	0.01
24.90	0.00	2,426	182.02	0.01
25.00	0.00	2,422	182.02	0.01
25.10	0.00	2,418	182.02	0.01
25.20	0.00	2,414	182.01	0.01
25.30	0.00	2,411	182.01	0.01
25.40	0.00	2,407	182.01	0.01
25.50	0.00	2,404	182.01	0.01
25.60	0.00	2,401	182.01	0.01
25.70	0.00	2,398	182.01	0.01
25.80	0.00	2,396	182.01	0.01
25.90	0.00	2,393	182.01	0.01

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,391	182.01	0.01
26.10	0.00	2,388	182.00	0.01
26.20	0.00	2,386	182.00	0.01
26.30	0.00	2,384	182.00	0.01
26.40	0.00	2,382	182.00	0.01
26.50	0.00	2,380	182.00	0.01
26.60	0.00	2,378	182.00	0.01
26.70	0.00	2,376	182.00	0.00
26.80	0.00	2,374	182.00	0.00
26.90	0.00	2,373	182.00	0.00
27.00	0.00	2,371	182.00	0.00
27.10	0.00	2,369	182.00	0.00
27.20	0.00	2,368	182.00	0.00
27.30	0.00	2,366	182.00	0.00
27.40	0.00	2,364	182.00	0.00
27.50	0.00	2,363	181.99	0.00
27.60	0.00	2,361	181.99	0.00
27.70	0.00	2,360	181.99	0.00
27.80	0.00	2,358	181.99	0.00
27.90	0.00	2,357	181.99	0.00
28.00	0.00	2,356	181.99	0.00
28.10	0.00	2,354	181.99	0.00
28.20	0.00	2,353	181.99	0.00
28.30	0.00	2,351	181.99	0.00
28.40	0.00	2,350	181.99	0.00
28.50	0.00	2,349	181.99	0.00
28.60	0.00	2,347	181.99	0.00
28.70	0.00	2,346	181.99	0.00
28.80	0.00	2,345	181.99	0.00
28.90	0.00	2,344	181.99	0.00
29.00	0.00	2,343	181.99	0.00
29.10	0.00	2,341	181.99	0.00
29.20	0.00	2,340	181.99	0.00
29.30	0.00	2,339	181.99	0.00
29.40	0.00	2,338	181.98	0.00
29.50	0.00	2,337	181.98	0.00
29.60	0.00	2,336	181.98	0.00
29.70	0.00	2,335	181.98	0.00
29.80	0.00	2,334	181.98	0.00
29.90	0.00	2,333	181.98	0.00
30.00	0.00	2,332	181.98	0.00
30.10	0.00	2,331	181.98	0.00
30.20	0.00	2,330	181.98	0.00
30.30	0.00	2,329	181.98	0.00
30.40	0.00	2,328	181.98	0.00
30.50	0.00	2,327	181.98	0.00
30.60	0.00	2,326	181.98	0.00
30.70	0.00	2,325	181.98	0.00
30.80	0.00	2,324	181.98	0.00
30.90	0.00	2,323	181.98	0.00
31.00	0.00	2,322	181.98	0.00
31.10	0.00	2,321	181.98	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,321	181.98	0.00
31.30	0.00	2,320	181.98	0.00
31.40	0.00	2,319	181.98	0.00
31.50	0.00	2,318	181.98	0.00
31.60	0.00	2,318	181.98	0.00
31.70	0.00	2,317	181.98	0.00
31.80	0.00	2,316	181.98	0.00
31.90	0.00	2,315	181.98	0.00
32.00	0.00	2,315	181.98	0.00
32.10	0.00	2,314	181.98	0.00
32.20	0.00	2,313	181.98	0.00
32.30	0.00	2,312	181.98	0.00
32.40	0.00	2,312	181.97	0.00
32.50	0.00	2,311	181.97	0.00
32.60	0.00	2,311	181.97	0.00
32.70	0.00	2,310	181.97	0.00
32.80	0.00	2,309	181.97	0.00
32.90	0.00	2,309	181.97	0.00
33.00	0.00	2,308	181.97	0.00
33.10	0.00	2,307	181.97	0.00
33.20	0.00	2,307	181.97	0.00
33.30	0.00	2,306	181.97	0.00
33.40	0.00	2,306	181.97	0.00
33.50	0.00	2,305	181.97	0.00
33.60	0.00	2,305	181.97	0.00
33.70	0.00	2,304	181.97	0.00
33.80	0.00	2,304	181.97	0.00
33.90	0.00	2,303	181.97	0.00
34.00	0.00	2,303	181.97	0.00
34.10	0.00	2,302	181.97	0.00
34.20	0.00	2,302	181.97	0.00
34.30	0.00	2,301	181.97	0.00
34.40	0.00	2,301	181.97	0.00
34.50	0.00	2,300	181.97	0.00
34.60	0.00	2,300	181.97	0.00
34.70	0.00	2,299	181.97	0.00
34.80	0.00	2,299	181.97	0.00
34.90	0.00	2,298	181.97	0.00
35.00	0.00	2,298	181.97	0.00
35.10	0.00	2,298	181.97	0.00
35.20	0.00	2,297	181.97	0.00
35.30	0.00	2,297	181.97	0.00
35.40	0.00	2,296	181.97	0.00
35.50	0.00	2,296	181.97	0.00
35.60	0.00	2,296	181.97	0.00
35.70	0.00	2,295	181.97	0.00
35.80	0.00	2,295	181.97	0.00
35.90	0.00	2,294	181.97	0.00
36.00	0.00	2,294	181.97	0.00
36.10	0.00	2,294	181.97	0.00
36.20	0.00	2,293	181.97	0.00
36.30	0.00	2,293	181.97	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,293	181.97	0.00
36.50	0.00	2,292	181.97	0.00
36.60	0.00	2,292	181.97	0.00
36.70	0.00	2,292	181.97	0.00
36.80	0.00	2,291	181.97	0.00
36.90	0.00	2,291	181.97	0.00
37.00	0.00	2,291	181.97	0.00
37.10	0.00	2,290	181.97	0.00
37.20	0.00	2,290	181.97	0.00
37.30	0.00	2,290	181.97	0.00
37.40	0.00	2,290	181.97	0.00
37.50	0.00	2,289	181.97	0.00
37.60	0.00	2,289	181.97	0.00
37.70	0.00	2,289	181.97	0.00
37.80	0.00	2,289	181.97	0.00
37.90	0.00	2,288	181.97	0.00
38.00	0.00	2,288	181.97	0.00
38.10	0.00	2,288	181.97	0.00
38.20	0.00	2,288	181.97	0.00
38.30	0.00	2,287	181.97	0.00
38.40	0.00	2,287	181.97	0.00
38.50	0.00	2,287	181.97	0.00
38.60	0.00	2,287	181.97	0.00
38.70	0.00	2,286	181.96	0.00
38.80	0.00	2,286	181.96	0.00
38.90	0.00	2,286	181.96	0.00
39.00	0.00	2,286	181.96	0.00
39.10	0.00	2,285	181.96	0.00
39.20	0.00	2,285	181.96	0.00
39.30	0.00	2,285	181.96	0.00
39.40	0.00	2,285	181.96	0.00
39.50	0.00	2,285	181.96	0.00
39.60	0.00	2,284	181.96	0.00
39.70	0.00	2,284	181.96	0.00
39.80	0.00	2,284	181.96	0.00
39.90	0.00	2,284	181.96	0.00
40.00	0.00	2,284	181.96	0.00

Stage-Discharge for Pond B-42: Basin #42

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.00	0.00	181.52	0.00	182.04	0.02	182.56	0.13
181.01	0.00	181.53	0.00	182.05	0.03	182.57	0.13
181.02	0.00	181.54	0.00	182.06	0.04	182.58	0.13
181.03	0.00	181.55	0.00	182.07	0.04	182.59	0.13
181.04	0.00	181.56	0.00	182.08	0.05	182.60	0.13
181.05	0.00	181.57	0.00	182.09	0.06	182.61	0.13
181.06	0.00	181.58	0.00	182.10	0.06	182.62	0.13
181.07	0.00	181.59	0.00	182.11	0.06	182.63	0.13
181.08	0.00	181.60	0.00	182.12	0.07	182.64	0.14
181.09	0.00	181.61	0.00	182.13	0.07	182.65	0.14
181.10	0.00	181.62	0.00	182.14	0.07	182.66	0.14
181.11	0.00	181.63	0.00	182.15	0.07	182.67	0.14
181.12	0.00	181.64	0.00	182.16	0.07	182.68	0.14
181.13	0.00	181.65	0.00	182.17	0.08	182.69	0.14
181.14	0.00	181.66	0.00	182.18	0.08	182.70	0.14
181.15	0.00	181.67	0.00	182.19	0.08	182.71	0.14
181.16	0.00	181.68	0.00	182.20	0.08	182.72	0.14
181.17	0.00	181.69	0.00	182.21	0.08	182.73	0.14
181.18	0.00	181.70	0.00	182.22	0.08	182.74	0.14
181.19	0.00	181.71	0.00	182.23	0.09	182.75	0.15
181.20	0.00	181.72	0.00	182.24	0.09	182.76	0.15
181.21	0.00	181.73	0.00	182.25	0.09	182.77	0.15
181.22	0.00	181.74	0.00	182.26	0.09	182.78	0.15
181.23	0.00	181.75	0.00	182.27	0.09	182.79	0.15
181.24	0.00	181.76	0.00	182.28	0.09	182.80	0.15
181.25	0.00	181.77	0.00	182.29	0.09	182.81	0.15
181.26	0.00	181.78	0.00	182.30	0.10	182.82	0.15
181.27	0.00	181.79	0.00	182.31	0.10	182.83	0.15
181.28	0.00	181.80	0.00	182.32	0.10	182.84	0.15
181.29	0.00	181.81	0.00	182.33	0.10	182.85	0.15
181.30	0.00	181.82	0.00	182.34	0.10	182.86	0.16
181.31	0.00	181.83	0.00	182.35	0.10	182.87	0.16
181.32	0.00	181.84	0.00	182.36	0.10	182.88	0.16
181.33	0.00	181.85	0.00	182.37	0.11	182.89	0.16
181.34	0.00	181.86	0.00	182.38	0.11	182.90	0.16
181.35	0.00	181.87	0.00	182.39	0.11	182.91	0.16
181.36	0.00	181.88	0.00	182.40	0.11	182.92	0.16
181.37	0.00	181.89	0.00	182.41	0.11	182.93	0.16
181.38	0.00	181.90	0.00	182.42	0.11	182.94	0.16
181.39	0.00	181.91	0.00	182.43	0.11	182.95	0.16
181.40	0.00	181.92	0.00	182.44	0.11	182.96	0.16
181.41	0.00	181.93	0.00	182.45	0.11	182.97	0.16
181.42	0.00	181.94	0.00	182.46	0.12	182.98	0.17
181.43	0.00	181.95	0.00	182.47	0.12	182.99	0.17
181.44	0.00	181.96	0.00	182.48	0.12	183.00	0.17
181.45	0.00	181.97	0.00	182.49	0.12	183.01	0.17
181.46	0.00	181.98	0.00	182.50	0.12	183.02	0.17
181.47	0.00	181.99	0.00	182.51	0.12	183.03	0.17
181.48	0.00	182.00	0.00	182.52	0.12	183.04	0.17
181.49	0.00	182.01	0.01	182.53	0.12	183.05	0.17
181.50	0.00	182.02	0.01	182.54	0.13	183.06	0.17
181.51	0.00	182.03	0.02	182.55	0.13	183.07	0.17

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.08	0.17	183.60	0.21	184.12	0.24	184.64	0.27
183.09	0.17	183.61	0.21	184.13	0.24	184.65	0.27
183.10	0.18	183.62	0.21	184.14	0.24	184.66	0.27
183.11	0.18	183.63	0.21	184.15	0.24	184.67	0.27
183.12	0.18	183.64	0.21	184.16	0.24	184.68	0.27
183.13	0.18	183.65	0.21	184.17	0.24	184.69	0.27
183.14	0.18	183.66	0.21	184.18	0.24	184.70	0.27
183.15	0.18	183.67	0.21	184.19	0.25	184.71	0.27
183.16	0.18	183.68	0.22	184.20	0.25	184.72	0.27
183.17	0.18	183.69	0.22	184.21	0.25	184.73	0.27
183.18	0.18	183.70	0.22	184.22	0.25	184.74	0.27
183.19	0.18	183.71	0.22	184.23	0.25	184.75	0.27
183.20	0.18	183.72	0.22	184.24	0.25	184.76	0.27
183.21	0.18	183.73	0.22	184.25	0.25	184.77	0.28
183.22	0.18	183.74	0.22	184.26	0.25	184.78	0.28
183.23	0.18	183.75	0.22	184.27	0.25	184.79	0.28
183.24	0.19	183.76	0.22	184.28	0.25	184.80	0.28
183.25	0.19	183.77	0.22	184.29	0.25	184.81	0.28
183.26	0.19	183.78	0.22	184.30	0.25	184.82	0.28
183.27	0.19	183.79	0.22	184.31	0.25	184.83	0.28
183.28	0.19	183.80	0.22	184.32	0.25	184.84	0.28
183.29	0.19	183.81	0.22	184.33	0.25	184.85	0.28
183.30	0.19	183.82	0.22	184.34	0.25	184.86	0.28
183.31	0.19	183.83	0.22	184.35	0.25	184.87	0.28
183.32	0.19	183.84	0.23	184.36	0.25	184.88	0.28
183.33	0.19	183.85	0.23	184.37	0.25	184.89	0.28
183.34	0.19	183.86	0.23	184.38	0.26	184.90	0.28
183.35	0.19	183.87	0.23	184.39	0.26	184.91	0.28
183.36	0.19	183.88	0.23	184.40	0.26	184.92	0.28
183.37	0.19	183.89	0.23	184.41	0.26	184.93	0.28
183.38	0.20	183.90	0.23	184.42	0.26	184.94	0.28
183.39	0.20	183.91	0.23	184.43	0.26	184.95	0.28
183.40	0.20	183.92	0.23	184.44	0.26	184.96	0.28
183.41	0.20	183.93	0.23	184.45	0.26	184.97	0.28
183.42	0.20	183.94	0.23	184.46	0.26	184.98	0.29
183.43	0.20	183.95	0.23	184.47	0.26	184.99	0.29
183.44	0.20	183.96	0.23	184.48	0.26	185.00	0.29
183.45	0.20	183.97	0.23	184.49	0.26	185.01	0.29
183.46	0.20	183.98	0.23	184.50	0.26	185.02	0.29
183.47	0.20	183.99	0.23	184.51	0.26	185.03	0.29
183.48	0.20	184.00	0.23	184.52	0.26	185.04	0.29
183.49	0.20	184.01	0.24	184.53	0.26	185.05	0.29
183.50	0.20	184.02	0.24	184.54	0.26	185.06	0.29
183.51	0.20	184.03	0.24	184.55	0.26	185.07	0.29
183.52	0.21	184.04	0.24	184.56	0.26	185.08	0.29
183.53	0.21	184.05	0.24	184.57	0.27	185.09	0.29
183.54	0.21	184.06	0.24	184.58	0.27	185.10	0.29
183.55	0.21	184.07	0.24	184.59	0.27	185.11	0.29
183.56	0.21	184.08	0.24	184.60	0.27	185.12	0.29
183.57	0.21	184.09	0.24	184.61	0.27	185.13	0.29
183.58	0.21	184.10	0.24	184.62	0.27	185.14	0.29
183.59	0.21	184.11	0.24	184.63	0.27	185.15	0.29

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.16	0.29	185.68	0.32	186.20	1.50	186.72	20.35
185.17	0.29	185.69	0.32	186.21	1.58	186.73	21.40
185.18	0.29	185.70	0.32	186.22	1.67	186.74	22.48
185.19	0.29	185.71	0.32	186.23	1.77	186.75	23.59
185.20	0.30	185.72	0.32	186.24	1.86	186.76	24.72
185.21	0.30	185.73	0.32	186.25	1.95	186.77	25.88
185.22	0.30	185.74	0.32	186.26	2.05	186.78	27.07
185.23	0.30	185.75	0.32	186.27	2.15	186.79	28.28
185.24	0.30	185.76	0.32	186.28	2.25	186.80	29.51
185.25	0.30	185.77	0.32	186.29	2.35	186.81	30.78
185.26	0.30	185.78	0.32	186.30	2.46	186.82	32.06
185.27	0.30	185.79	0.32	186.31	2.56	186.83	33.37
185.28	0.30	185.80	0.32	186.32	2.67	186.84	34.71
185.29	0.30	185.81	0.32	186.33	2.78	186.85	36.07
185.30	0.30	185.82	0.32	186.34	2.89	186.86	37.46
185.31	0.30	185.83	0.32	186.35	3.00	186.87	38.87
185.32	0.30	185.84	0.32	186.36	3.12	186.88	40.31
185.33	0.30	185.85	0.32	186.37	3.23	186.89	41.77
185.34	0.30	185.86	0.32	186.38	3.35	186.90	43.26
185.35	0.30	185.87	0.32	186.39	3.47	186.91	44.80
185.36	0.30	185.88	0.32	186.40	3.59	186.92	46.36
185.37	0.30	185.89	0.33	186.41	3.71	186.93	47.96
185.38	0.30	185.90	0.33	186.42	3.83	186.94	49.58
185.39	0.30	185.91	0.33	186.43	3.96	186.95	51.22
185.40	0.30	185.92	0.33	186.44	4.08	186.96	52.90
185.41	0.30	185.93	0.33	186.45	4.21	186.97	54.60
185.42	0.31	185.94	0.33	186.46	4.34	186.98	56.32
185.43	0.31	185.95	0.33	186.47	4.46	186.99	58.08
185.44	0.31	185.96	0.33	186.48	4.59	187.00	59.86
185.45	0.31	185.97	0.33	186.49	4.73		
185.46	0.31	185.98	0.33	186.50	4.86		
185.47	0.31	185.99	0.33	186.51	5.11		
185.48	0.31	186.00	0.33	186.52	5.46		
185.49	0.31	186.01	0.34	186.53	5.87		
185.50	0.31	186.02	0.37	186.54	6.34		
185.51	0.31	186.03	0.40	186.55	6.85		
185.52	0.31	186.04	0.44	186.56	7.40		
185.53	0.31	186.05	0.48	186.57	7.99		
185.54	0.31	186.06	0.52	186.58	8.62		
185.55	0.31	186.07	0.57	186.59	9.28		
185.56	0.31	186.08	0.63	186.60	9.97		
185.57	0.31	186.09	0.69	186.61	10.69		
185.58	0.31	186.10	0.75	186.62	11.43		
185.59	0.31	186.11	0.81	186.63	12.21		
185.60	0.31	186.12	0.88	186.64	13.01		
185.61	0.31	186.13	0.94	186.65	13.83		
185.62	0.31	186.14	1.02	186.66	14.68		
185.63	0.31	186.15	1.09	186.67	15.56		
185.64	0.31	186.16	1.17	186.68	16.45		
185.65	0.32	186.17	1.25	186.69	17.37		
185.66	0.32	186.18	1.33	186.70	18.31		
185.67	0.32	186.19	1.41	186.71	19.32		

Stage-Area-Storage for Pond B-42: Basin #42

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.00	2,142	0	181.52	2,387	1,178
181.01	2,147	21	181.53	2,392	1,201
181.02	2,151	43	181.54	2,396	1,225
181.03	2,156	64	181.55	2,401	1,249
181.04	2,161	86	181.56	2,406	1,273
181.05	2,166	108	181.57	2,410	1,297
181.06	2,170	129	181.58	2,415	1,322
181.07	2,175	151	181.59	2,420	1,346
181.08	2,180	173	181.60	2,425	1,370
181.09	2,184	195	181.61	2,429	1,394
181.10	2,189	217	181.62	2,434	1,419
181.11	2,194	238	181.63	2,439	1,443
181.12	2,199	260	181.64	2,443	1,467
181.13	2,203	282	181.65	2,448	1,492
181.14	2,208	304	181.66	2,453	1,516
181.15	2,213	327	181.67	2,458	1,541
181.16	2,217	349	181.68	2,462	1,565
181.17	2,222	371	181.69	2,467	1,590
181.18	2,227	393	181.70	2,472	1,615
181.19	2,231	415	181.71	2,476	1,640
181.20	2,236	438	181.72	2,481	1,664
181.21	2,241	460	181.73	2,486	1,689
181.22	2,246	483	181.74	2,491	1,714
181.23	2,250	505	181.75	2,495	1,739
181.24	2,255	528	181.76	2,500	1,764
181.25	2,260	550	181.77	2,505	1,789
181.26	2,264	573	181.78	2,509	1,814
181.27	2,269	596	181.79	2,514	1,839
181.28	2,274	618	181.80	2,519	1,864
181.29	2,279	641	181.81	2,524	1,890
181.30	2,283	664	181.82	2,528	1,915
181.31	2,288	687	181.83	2,533	1,940
181.32	2,293	710	181.84	2,538	1,965
181.33	2,297	733	181.85	2,542	1,991
181.34	2,302	756	181.86	2,547	2,016
181.35	2,307	779	181.87	2,552	2,042
181.36	2,312	802	181.88	2,556	2,067
181.37	2,316	825	181.89	2,561	2,093
181.38	2,321	848	181.90	2,566	2,119
181.39	2,326	871	181.91	2,571	2,144
181.40	2,330	894	181.92	2,575	2,170
181.41	2,335	918	181.93	2,580	2,196
181.42	2,340	941	181.94	2,585	2,222
181.43	2,345	965	181.95	2,589	2,247
181.44	2,349	988	181.96	2,594	2,273
181.45	2,354	1,012	181.97	2,599	2,299
181.46	2,359	1,035	181.98	2,604	2,325
181.47	2,363	1,059	181.99	2,608	2,351
181.48	2,368	1,082	182.00	2,613	2,378
181.49	2,373	1,106	182.01	2,618	2,404
181.50	2,378	1,130	182.02	2,623	2,430
181.51	2,382	1,154	182.03	2,628	2,456

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.04	2,633	2,482	182.56	2,896	3,920
182.05	2,638	2,509	182.57	2,901	3,949
182.06	2,643	2,535	182.58	2,906	3,978
182.07	2,648	2,562	182.59	2,911	4,007
182.08	2,653	2,588	182.60	2,916	4,036
182.09	2,658	2,615	182.61	2,921	4,065
182.10	2,663	2,641	182.62	2,926	4,095
182.11	2,669	2,668	182.63	2,931	4,124
182.12	2,674	2,695	182.64	2,936	4,153
182.13	2,679	2,721	182.65	2,941	4,183
182.14	2,684	2,748	182.66	2,946	4,212
182.15	2,689	2,775	182.67	2,951	4,242
182.16	2,694	2,802	182.68	2,956	4,271
182.17	2,699	2,829	182.69	2,961	4,301
182.18	2,704	2,856	182.70	2,966	4,330
182.19	2,709	2,883	182.71	2,972	4,360
182.20	2,714	2,910	182.72	2,977	4,390
182.21	2,719	2,937	182.73	2,982	4,420
182.22	2,724	2,965	182.74	2,987	4,449
182.23	2,729	2,992	182.75	2,992	4,479
182.24	2,734	3,019	182.76	2,997	4,509
182.25	2,739	3,047	182.77	3,002	4,539
182.26	2,744	3,074	182.78	3,007	4,569
182.27	2,749	3,101	182.79	3,012	4,599
182.28	2,754	3,129	182.80	3,017	4,630
182.29	2,759	3,157	182.81	3,022	4,660
182.30	2,765	3,184	182.82	3,027	4,690
182.31	2,770	3,212	182.83	3,032	4,720
182.32	2,775	3,240	182.84	3,037	4,751
182.33	2,780	3,267	182.85	3,042	4,781
182.34	2,785	3,295	182.86	3,047	4,811
182.35	2,790	3,323	182.87	3,052	4,842
182.36	2,795	3,351	182.88	3,057	4,872
182.37	2,800	3,379	182.89	3,062	4,903
182.38	2,805	3,407	182.90	3,068	4,934
182.39	2,810	3,435	182.91	3,073	4,964
182.40	2,815	3,463	182.92	3,078	4,995
182.41	2,820	3,491	182.93	3,083	5,026
182.42	2,825	3,520	182.94	3,088	5,057
182.43	2,830	3,548	182.95	3,093	5,088
182.44	2,835	3,576	182.96	3,098	5,119
182.45	2,840	3,604	182.97	3,103	5,150
182.46	2,845	3,633	182.98	3,108	5,181
182.47	2,850	3,661	182.99	3,113	5,212
182.48	2,855	3,690	183.00	3,118	5,243
182.49	2,860	3,718	183.01	3,123	5,274
182.50	2,866	3,747	183.02	3,129	5,305
182.51	2,871	3,776	183.03	3,134	5,337
182.52	2,876	3,805	183.04	3,140	5,368
182.53	2,881	3,833	183.05	3,145	5,400
182.54	2,886	3,862	183.06	3,150	5,431
182.55	2,891	3,891	183.07	3,156	5,463

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.08	3,161	5,494	183.60	3,441	7,211
183.09	3,166	5,526	183.61	3,446	7,245
183.10	3,172	5,557	183.62	3,452	7,280
183.11	3,177	5,589	183.63	3,457	7,314
183.12	3,183	5,621	183.64	3,462	7,349
183.13	3,188	5,653	183.65	3,468	7,383
183.14	3,193	5,685	183.66	3,473	7,418
183.15	3,199	5,717	183.67	3,478	7,453
183.16	3,204	5,749	183.68	3,484	7,488
183.17	3,209	5,781	183.69	3,489	7,522
183.18	3,215	5,813	183.70	3,495	7,557
183.19	3,220	5,845	183.71	3,500	7,592
183.20	3,226	5,877	183.72	3,505	7,627
183.21	3,231	5,910	183.73	3,511	7,662
183.22	3,236	5,942	183.74	3,516	7,698
183.23	3,242	5,974	183.75	3,522	7,733
183.24	3,247	6,007	183.76	3,527	7,768
183.25	3,253	6,039	183.77	3,532	7,803
183.26	3,258	6,072	183.78	3,538	7,839
183.27	3,263	6,104	183.79	3,543	7,874
183.28	3,269	6,137	183.80	3,548	7,910
183.29	3,274	6,170	183.81	3,554	7,945
183.30	3,279	6,203	183.82	3,559	7,981
183.31	3,285	6,235	183.83	3,565	8,016
183.32	3,290	6,268	183.84	3,570	8,052
183.33	3,296	6,301	183.85	3,575	8,088
183.34	3,301	6,334	183.86	3,581	8,123
183.35	3,306	6,367	183.87	3,586	8,159
183.36	3,312	6,400	183.88	3,591	8,195
183.37	3,317	6,433	183.89	3,597	8,231
183.38	3,322	6,467	183.90	3,602	8,267
183.39	3,328	6,500	183.91	3,608	8,303
183.40	3,333	6,533	183.92	3,613	8,339
183.41	3,339	6,567	183.93	3,618	8,375
183.42	3,344	6,600	183.94	3,624	8,412
183.43	3,349	6,633	183.95	3,629	8,448
183.44	3,355	6,667	183.96	3,634	8,484
183.45	3,360	6,701	183.97	3,640	8,521
183.46	3,365	6,734	183.98	3,645	8,557
183.47	3,371	6,768	183.99	3,651	8,593
183.48	3,376	6,802	184.00	3,656	8,630
183.49	3,382	6,835	184.01	3,662	8,667
183.50	3,387	6,869	184.02	3,667	8,703
183.51	3,392	6,903	184.03	3,673	8,740
183.52	3,398	6,937	184.04	3,679	8,777
183.53	3,403	6,971	184.05	3,685	8,814
183.54	3,409	7,005	184.06	3,690	8,850
183.55	3,414	7,039	184.07	3,696	8,887
183.56	3,419	7,073	184.08	3,702	8,924
183.57	3,425	7,108	184.09	3,707	8,961
183.58	3,430	7,142	184.10	3,713	8,998
183.59	3,435	7,176	184.11	3,719	9,036

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.12	3,725	9,073	184.64	4,021	11,087
184.13	3,730	9,110	184.65	4,027	11,127
184.14	3,736	9,147	184.66	4,033	11,167
184.15	3,742	9,185	184.67	4,039	11,208
184.16	3,747	9,222	184.68	4,044	11,248
184.17	3,753	9,260	184.69	4,050	11,289
184.18	3,759	9,297	184.70	4,056	11,329
184.19	3,764	9,335	184.71	4,061	11,370
184.20	3,770	9,373	184.72	4,067	11,410
184.21	3,776	9,410	184.73	4,073	11,451
184.22	3,782	9,448	184.74	4,079	11,492
184.23	3,787	9,486	184.75	4,084	11,533
184.24	3,793	9,524	184.76	4,090	11,573
184.25	3,799	9,562	184.77	4,096	11,614
184.26	3,804	9,600	184.78	4,101	11,655
184.27	3,810	9,638	184.79	4,107	11,696
184.28	3,816	9,676	184.80	4,113	11,738
184.29	3,822	9,714	184.81	4,119	11,779
184.30	3,827	9,752	184.82	4,124	11,820
184.31	3,833	9,791	184.83	4,130	11,861
184.32	3,839	9,829	184.84	4,136	11,902
184.33	3,844	9,868	184.85	4,141	11,944
184.34	3,850	9,906	184.86	4,147	11,985
184.35	3,856	9,945	184.87	4,153	12,027
184.36	3,862	9,983	184.88	4,158	12,068
184.37	3,867	10,022	184.89	4,164	12,110
184.38	3,873	10,061	184.90	4,170	12,152
184.39	3,879	10,099	184.91	4,176	12,193
184.40	3,884	10,138	184.92	4,181	12,235
184.41	3,890	10,177	184.93	4,187	12,277
184.42	3,896	10,216	184.94	4,193	12,319
184.43	3,902	10,255	184.95	4,198	12,361
184.44	3,907	10,294	184.96	4,204	12,403
184.45	3,913	10,333	184.97	4,210	12,445
184.46	3,919	10,372	184.98	4,216	12,487
184.47	3,924	10,411	184.99	4,221	12,529
184.48	3,930	10,451	185.00	4,227	12,572
184.49	3,936	10,490	185.01	4,233	12,614
184.50	3,942	10,529	185.02	4,239	12,656
184.51	3,947	10,569	185.03	4,245	12,699
184.52	3,953	10,608	185.04	4,251	12,741
184.53	3,959	10,648	185.05	4,257	12,784
184.54	3,964	10,687	185.06	4,263	12,826
184.55	3,970	10,727	185.07	4,269	12,869
184.56	3,976	10,767	185.08	4,275	12,912
184.57	3,981	10,807	185.09	4,281	12,954
184.58	3,987	10,847	185.10	4,287	12,997
184.59	3,993	10,886	185.11	4,293	13,040
184.60	3,999	10,926	185.12	4,299	13,083
184.61	4,004	10,966	185.13	4,306	13,126
184.62	4,010	11,006	185.14	4,312	13,169
184.63	4,016	11,047	185.15	4,318	13,212

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.16	4,324	13,256	185.68	4,638	15,586
185.17	4,330	13,299	185.69	4,644	15,632
185.18	4,336	13,342	185.70	4,650	15,678
185.19	4,342	13,386	185.71	4,656	15,725
185.20	4,348	13,429	185.72	4,662	15,771
185.21	4,354	13,472	185.73	4,668	15,818
185.22	4,360	13,516	185.74	4,674	15,865
185.23	4,366	13,560	185.75	4,680	15,912
185.24	4,372	13,603	185.76	4,686	15,958
185.25	4,378	13,647	185.77	4,692	16,005
185.26	4,384	13,691	185.78	4,698	16,052
185.27	4,390	13,735	185.79	4,704	16,099
185.28	4,396	13,779	185.80	4,710	16,146
185.29	4,402	13,823	185.81	4,716	16,194
185.30	4,408	13,867	185.82	4,722	16,241
185.31	4,414	13,911	185.83	4,728	16,288
185.32	4,420	13,955	185.84	4,734	16,335
185.33	4,426	13,999	185.85	4,740	16,383
185.34	4,432	14,044	185.86	4,746	16,430
185.35	4,438	14,088	185.87	4,752	16,478
185.36	4,444	14,132	185.88	4,759	16,525
185.37	4,450	14,177	185.89	4,765	16,573
185.38	4,457	14,221	185.90	4,771	16,620
185.39	4,463	14,266	185.91	4,777	16,668
185.40	4,469	14,311	185.92	4,783	16,716
185.41	4,475	14,355	185.93	4,789	16,764
185.42	4,481	14,400	185.94	4,795	16,812
185.43	4,487	14,445	185.95	4,801	16,860
185.44	4,493	14,490	185.96	4,807	16,908
185.45	4,499	14,535	185.97	4,813	16,956
185.46	4,505	14,580	185.98	4,819	17,004
185.47	4,511	14,625	185.99	4,825	17,052
185.48	4,517	14,670	186.00	4,831	17,101
185.49	4,523	14,715	186.01	4,837	17,149
185.50	4,529	14,761	186.02	4,844	17,197
185.51	4,535	14,806	186.03	4,850	17,246
185.52	4,541	14,851	186.04	4,856	17,294
185.53	4,547	14,897	186.05	4,863	17,343
185.54	4,553	14,942	186.06	4,869	17,392
185.55	4,559	14,988	186.07	4,876	17,440
185.56	4,565	15,033	186.08	4,882	17,489
185.57	4,571	15,079	186.09	4,888	17,538
185.58	4,577	15,125	186.10	4,895	17,587
185.59	4,583	15,171	186.11	4,901	17,636
185.60	4,589	15,216	186.12	4,907	17,685
185.61	4,595	15,262	186.13	4,914	17,734
185.62	4,601	15,308	186.14	4,920	17,783
185.63	4,608	15,354	186.15	4,927	17,832
185.64	4,614	15,400	186.16	4,933	17,882
185.65	4,620	15,447	186.17	4,939	17,931
185.66	4,626	15,493	186.18	4,946	17,980
185.67	4,632	15,539	186.19	4,952	18,030

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.20	4,958	18,079	186.72	5,290	20,744
186.21	4,965	18,129	186.73	5,296	20,797
186.22	4,971	18,179	186.74	5,302	20,850
186.23	4,978	18,228	186.75	5,309	20,903
186.24	4,984	18,278	186.76	5,315	20,956
186.25	4,990	18,328	186.77	5,321	21,009
186.26	4,997	18,378	186.78	5,328	21,062
186.27	5,003	18,428	186.79	5,334	21,116
186.28	5,009	18,478	186.80	5,341	21,169
186.29	5,016	18,528	186.81	5,347	21,223
186.30	5,022	18,578	186.82	5,353	21,276
186.31	5,028	18,629	186.83	5,360	21,330
186.32	5,035	18,679	186.84	5,366	21,383
186.33	5,041	18,729	186.85	5,372	21,437
186.34	5,048	18,780	186.86	5,379	21,491
186.35	5,054	18,830	186.87	5,385	21,545
186.36	5,060	18,881	186.88	5,392	21,598
186.37	5,067	18,932	186.89	5,398	21,652
186.38	5,073	18,982	186.90	5,404	21,706
186.39	5,079	19,033	186.91	5,411	21,760
186.40	5,086	19,084	186.92	5,417	21,815
186.41	5,092	19,135	186.93	5,423	21,869
186.42	5,099	19,186	186.94	5,430	21,923
186.43	5,105	19,237	186.95	5,436	21,977
186.44	5,111	19,288	186.96	5,443	22,032
186.45	5,118	19,339	186.97	5,449	22,086
186.46	5,124	19,390	186.98	5,455	22,141
186.47	5,130	19,441	186.99	5,462	22,195
186.48	5,137	19,493	187.00	5,468	22,250
186.49	5,143	19,544			
186.50	5,150	19,596			
186.51	5,156	19,647			
186.52	5,162	19,699			
186.53	5,169	19,750			
186.54	5,175	19,802			
186.55	5,181	19,854			
186.56	5,188	19,906			
186.57	5,194	19,958			
186.58	5,200	20,010			
186.59	5,207	20,062			
186.60	5,213	20,114			
186.61	5,220	20,166			
186.62	5,226	20,218			
186.63	5,232	20,270			
186.64	5,239	20,323			
186.65	5,245	20,375			
186.66	5,251	20,428			
186.67	5,258	20,480			
186.68	5,264	20,533			
186.69	5,271	20,586			
186.70	5,277	20,638			
186.71	5,283	20,691			

Summary for Pond B-43: Basin #43

Inflow Area = 2.712 ac, 33.89% Impervious, Inflow Depth = 1.81" for Current 2 yr event
 Inflow = 4.78 cfs @ 12.09 hrs, Volume= 0.409 af
 Outflow = 0.17 cfs @ 15.93 hrs, Volume= 0.290 af, Atten= 96%, Lag= 230.6 min
 Primary = 0.17 cfs @ 15.93 hrs, Volume= 0.290 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 178.76' @ 15.93 hrs Surf.Area= 7,055 sf Storage= 12,412 cf

Plug-Flow detention time= 717.3 min calculated for 0.290 af (71% of inflow)
 Center-of-Mass det. time= 614.6 min (1,415.4 - 800.8)

Volume	Invert	Avail.Storage	Storage Description
#1	177.00'	28,220 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

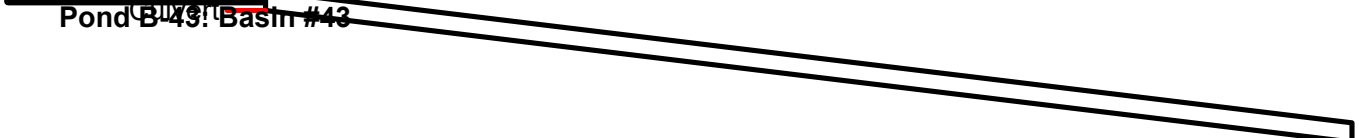
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
177.00	7,055	0	0
178.00	7,055	7,055	7,055
179.00	7,055	7,055	14,110
180.00	7,055	7,055	21,165
181.00	7,055	7,055	28,220

Device	Routing	Invert	Outlet Devices
#1	Primary	176.30'	18.0" Round Culvert L= 200.0' Ke= 0.500 Inlet / Outlet Invert= 176.30' / 166.10' S= 0.0510 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	177.56'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.90'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.17 cfs @ 15.93 hrs HW=178.76' (Free Discharge)

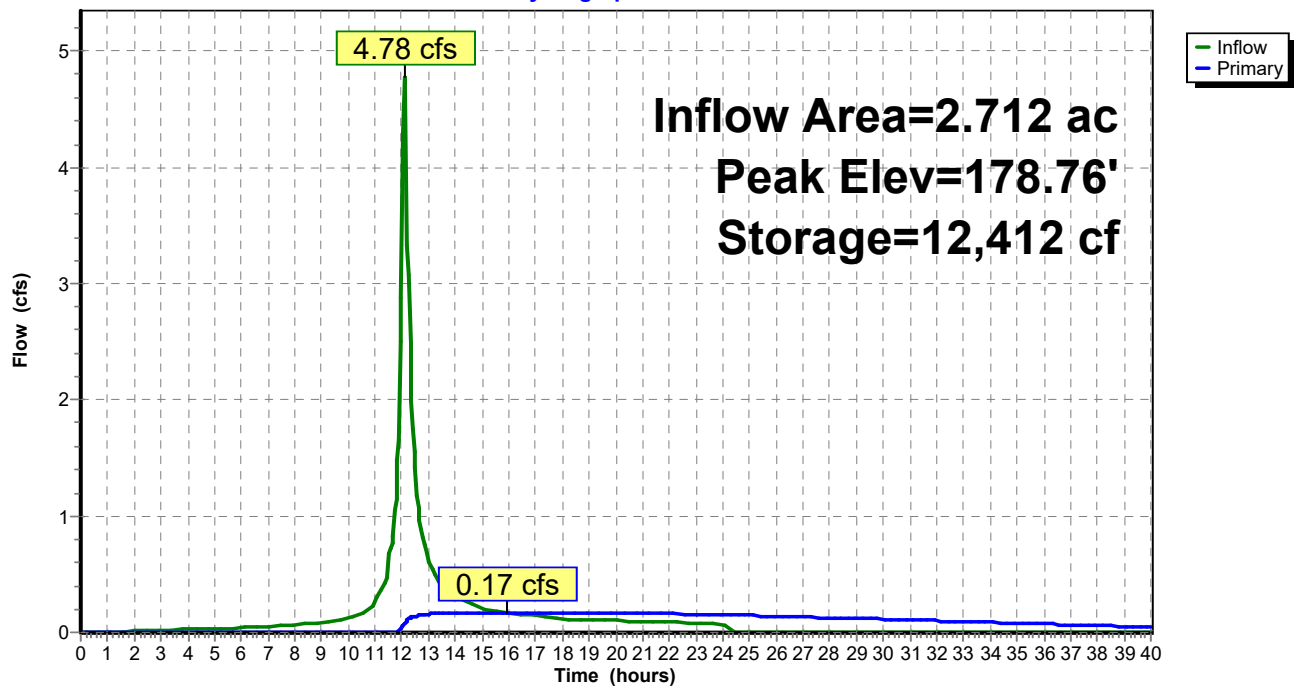
- 1=Culvert (Passes 0.17 cfs of 11.12 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 5.04 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-43: Basin #43



Pond B-43: Basin #43

Hydrograph



Hydrograph for Pond B-43: Basin #43

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	177.00	0.00
0.10	0.00	0	177.00	0.00
0.20	0.00	0	177.00	0.00
0.30	0.00	0	177.00	0.00
0.40	0.00	0	177.00	0.00
0.50	0.00	0	177.00	0.00
0.60	0.00	0	177.00	0.00
0.70	0.00	0	177.00	0.00
0.80	0.00	0	177.00	0.00
0.90	0.00	0	177.00	0.00
1.00	0.00	0	177.00	0.00
1.10	0.00	0	177.00	0.00
1.20	0.00	0	177.00	0.00
1.30	0.00	1	177.00	0.00
1.40	0.00	2	177.00	0.00
1.50	0.00	3	177.00	0.00
1.60	0.01	5	177.00	0.00
1.70	0.01	7	177.00	0.00
1.80	0.01	10	177.00	0.00
1.90	0.01	13	177.00	0.00
2.00	0.01	16	177.00	0.00
2.10	0.01	20	177.00	0.00
2.20	0.01	24	177.00	0.00
2.30	0.01	28	177.00	0.00
2.40	0.01	33	177.00	0.00
2.50	0.01	38	177.01	0.00
2.60	0.02	44	177.01	0.00
2.70	0.02	50	177.01	0.00
2.80	0.02	56	177.01	0.00
2.90	0.02	62	177.01	0.00
3.00	0.02	69	177.01	0.00
3.10	0.02	76	177.01	0.00
3.20	0.02	83	177.01	0.00
3.30	0.02	91	177.01	0.00
3.40	0.02	99	177.01	0.00
3.50	0.02	107	177.02	0.00
3.60	0.02	116	177.02	0.00
3.70	0.02	124	177.02	0.00
3.80	0.03	133	177.02	0.00
3.90	0.03	142	177.02	0.00
4.00	0.03	152	177.02	0.00
4.10	0.03	162	177.02	0.00
4.20	0.03	172	177.02	0.00
4.30	0.03	182	177.03	0.00
4.40	0.03	192	177.03	0.00
4.50	0.03	203	177.03	0.00
4.60	0.03	214	177.03	0.00
4.70	0.03	225	177.03	0.00
4.80	0.03	236	177.03	0.00
4.90	0.03	248	177.04	0.00
5.00	0.03	260	177.04	0.00
5.10	0.03	272	177.04	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	284	177.04	0.00
5.30	0.03	296	177.04	0.00
5.40	0.04	309	177.04	0.00
5.50	0.04	322	177.05	0.00
5.60	0.04	335	177.05	0.00
5.70	0.04	348	177.05	0.00
5.80	0.04	361	177.05	0.00
5.90	0.04	375	177.05	0.00
6.00	0.04	389	177.06	0.00
6.10	0.04	403	177.06	0.00
6.20	0.04	418	177.06	0.00
6.30	0.04	433	177.06	0.00
6.40	0.04	448	177.06	0.00
6.50	0.05	464	177.07	0.00
6.60	0.05	481	177.07	0.00
6.70	0.05	498	177.07	0.00
6.80	0.05	515	177.07	0.00
6.90	0.05	533	177.08	0.00
7.00	0.05	551	177.08	0.00
7.10	0.05	570	177.08	0.00
7.20	0.05	590	177.08	0.00
7.30	0.06	609	177.09	0.00
7.40	0.06	630	177.09	0.00
7.50	0.06	650	177.09	0.00
7.60	0.06	672	177.10	0.00
7.70	0.06	693	177.10	0.00
7.80	0.06	716	177.10	0.00
7.90	0.06	738	177.10	0.00
8.00	0.07	762	177.11	0.00
8.10	0.07	785	177.11	0.00
8.20	0.07	809	177.11	0.00
8.30	0.07	834	177.12	0.00
8.40	0.07	859	177.12	0.00
8.50	0.07	885	177.13	0.00
8.60	0.07	911	177.13	0.00
8.70	0.07	937	177.13	0.00
8.80	0.08	965	177.14	0.00
8.90	0.08	992	177.14	0.00
9.00	0.08	1,020	177.14	0.00
9.10	0.08	1,050	177.15	0.00
9.20	0.09	1,081	177.15	0.00
9.30	0.09	1,113	177.16	0.00
9.40	0.10	1,148	177.16	0.00
9.50	0.10	1,183	177.17	0.00
9.60	0.11	1,221	177.17	0.00
9.70	0.11	1,260	177.18	0.00
9.80	0.12	1,301	177.18	0.00
9.90	0.12	1,344	177.19	0.00
10.00	0.12	1,388	177.20	0.00
10.10	0.13	1,434	177.20	0.00
10.20	0.13	1,481	177.21	0.00
10.30	0.14	1,531	177.22	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,582	177.22	0.00
10.50	0.15	1,634	177.23	0.00
10.60	0.17	1,692	177.24	0.00
10.70	0.18	1,756	177.25	0.00
10.80	0.20	1,827	177.26	0.00
10.90	0.23	1,905	177.27	0.00
11.00	0.25	1,992	177.28	0.00
11.10	0.29	2,091	177.30	0.00
11.20	0.33	2,205	177.31	0.00
11.30	0.38	2,335	177.33	0.00
11.40	0.43	2,482	177.35	0.00
11.50	0.49	2,647	177.38	0.00
11.60	0.72	2,877	177.41	0.00
11.70	0.83	3,155	177.45	0.00
11.80	1.15	3,523	177.50	0.00
11.90	1.66	4,042	177.57	0.00
12.00	2.88	4,896	177.69	0.03
12.10	4.72	6,334	177.90	0.08
12.20	3.29	7,620	178.08	0.11
12.30	2.48	8,614	178.22	0.12
12.40	1.75	9,308	178.32	0.13
12.50	1.42	9,825	178.39	0.14
12.60	1.07	10,209	178.45	0.15
12.70	0.89	10,508	178.49	0.15
12.80	0.78	10,751	178.52	0.15
12.90	0.70	10,960	178.55	0.15
13.00	0.63	11,141	178.58	0.16
13.10	0.56	11,298	178.60	0.16
13.20	0.51	11,433	178.62	0.16
13.30	0.47	11,552	178.64	0.16
13.40	0.44	11,656	178.65	0.16
13.50	0.40	11,746	178.66	0.16
13.60	0.36	11,823	178.68	0.17
13.70	0.34	11,889	178.69	0.17
13.80	0.33	11,949	178.69	0.17
13.90	0.32	12,004	178.70	0.17
14.00	0.31	12,055	178.71	0.17
14.10	0.30	12,102	178.72	0.17
14.20	0.29	12,146	178.72	0.17
14.30	0.28	12,187	178.73	0.17
14.40	0.27	12,223	178.73	0.17
14.50	0.26	12,256	178.74	0.17
14.60	0.25	12,285	178.74	0.17
14.70	0.24	12,311	178.75	0.17
14.80	0.23	12,333	178.75	0.17
14.90	0.22	12,352	178.75	0.17
15.00	0.21	12,367	178.75	0.17
15.10	0.20	12,378	178.75	0.17
15.20	0.19	12,387	178.76	0.17
15.30	0.19	12,393	178.76	0.17
15.40	0.19	12,399	178.76	0.17
15.50	0.18	12,403	178.76	0.17

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.18	12,407	178.76	0.17
15.70	0.18	12,409	178.76	0.17
15.80	0.18	12,411	178.76	0.17
15.90	0.17	12,412	178.76	0.17
16.00	0.17	12,412	178.76	0.17
16.10	0.17	12,411	178.76	0.17
16.20	0.17	12,409	178.76	0.17
16.30	0.16	12,406	178.76	0.17
16.40	0.16	12,402	178.76	0.17
16.50	0.16	12,397	178.76	0.17
16.60	0.15	12,391	178.76	0.17
16.70	0.15	12,385	178.76	0.17
16.80	0.15	12,377	178.75	0.17
16.90	0.15	12,369	178.75	0.17
17.00	0.14	12,359	178.75	0.17
17.10	0.14	12,349	178.75	0.17
17.20	0.14	12,338	178.75	0.17
17.30	0.14	12,326	178.75	0.17
17.40	0.13	12,313	178.75	0.17
17.50	0.13	12,299	178.74	0.17
17.60	0.13	12,284	178.74	0.17
17.70	0.13	12,269	178.74	0.17
17.80	0.12	12,252	178.74	0.17
17.90	0.12	12,234	178.73	0.17
18.00	0.12	12,216	178.73	0.17
18.10	0.11	12,197	178.73	0.17
18.20	0.11	12,177	178.73	0.17
18.30	0.11	12,156	178.72	0.17
18.40	0.11	12,136	178.72	0.17
18.50	0.11	12,115	178.72	0.17
18.60	0.11	12,094	178.71	0.17
18.70	0.11	12,073	178.71	0.17
18.80	0.11	12,052	178.71	0.17
18.90	0.11	12,030	178.71	0.17
19.00	0.11	12,009	178.70	0.17
19.10	0.11	11,987	178.70	0.17
19.20	0.11	11,966	178.70	0.17
19.30	0.11	11,944	178.69	0.17
19.40	0.10	11,922	178.69	0.17
19.50	0.10	11,899	178.69	0.17
19.60	0.10	11,877	178.68	0.17
19.70	0.10	11,854	178.68	0.17
19.80	0.10	11,832	178.68	0.17
19.90	0.10	11,809	178.67	0.16
20.00	0.10	11,786	178.67	0.16
20.10	0.10	11,763	178.67	0.16
20.20	0.10	11,740	178.66	0.16
20.30	0.10	11,717	178.66	0.16
20.40	0.10	11,693	178.66	0.16
20.50	0.10	11,670	178.65	0.16
20.60	0.10	11,646	178.65	0.16
20.70	0.10	11,622	178.65	0.16

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	11,598	178.64	0.16
20.90	0.09	11,574	178.64	0.16
21.00	0.09	11,550	178.64	0.16
21.10	0.09	11,525	178.63	0.16
21.20	0.09	11,501	178.63	0.16
21.30	0.09	11,476	178.63	0.16
21.40	0.09	11,451	178.62	0.16
21.50	0.09	11,426	178.62	0.16
21.60	0.09	11,401	178.62	0.16
21.70	0.09	11,376	178.61	0.16
21.80	0.09	11,351	178.61	0.16
21.90	0.09	11,325	178.61	0.16
22.00	0.09	11,299	178.60	0.16
22.10	0.09	11,274	178.60	0.16
22.20	0.09	11,248	178.59	0.16
22.30	0.09	11,222	178.59	0.16
22.40	0.08	11,196	178.59	0.16
22.50	0.08	11,169	178.58	0.16
22.60	0.08	11,143	178.58	0.16
22.70	0.08	11,116	178.58	0.16
22.80	0.08	11,090	178.57	0.16
22.90	0.08	11,063	178.57	0.16
23.00	0.08	11,036	178.56	0.16
23.10	0.08	11,009	178.56	0.16
23.20	0.08	10,982	178.56	0.16
23.30	0.08	10,955	178.55	0.15
23.40	0.08	10,927	178.55	0.15
23.50	0.08	10,900	178.54	0.15
23.60	0.08	10,872	178.54	0.15
23.70	0.08	10,844	178.54	0.15
23.80	0.08	10,816	178.53	0.15
23.90	0.08	10,788	178.53	0.15
24.00	0.08	10,762	178.53	0.15
24.10	0.04	10,727	178.52	0.15
24.20	0.02	10,683	178.51	0.15
24.30	0.01	10,633	178.51	0.15
24.40	0.00	10,580	178.50	0.15
24.50	0.00	10,526	178.49	0.15
24.60	0.00	10,473	178.48	0.15
24.70	0.00	10,419	178.48	0.15
24.80	0.00	10,366	178.47	0.15
24.90	0.00	10,313	178.46	0.15
25.00	0.00	10,260	178.45	0.15
25.10	0.00	10,208	178.45	0.15
25.20	0.00	10,156	178.44	0.14
25.30	0.00	10,104	178.43	0.14
25.40	0.00	10,052	178.42	0.14
25.50	0.00	10,001	178.42	0.14
25.60	0.00	9,950	178.41	0.14
25.70	0.00	9,899	178.40	0.14
25.80	0.00	9,848	178.40	0.14
25.90	0.00	9,798	178.39	0.14

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,748	178.38	0.14
26.10	0.00	9,698	178.37	0.14
26.20	0.00	9,648	178.37	0.14
26.30	0.00	9,599	178.36	0.14
26.40	0.00	9,549	178.35	0.14
26.50	0.00	9,500	178.35	0.14
26.60	0.00	9,452	178.34	0.13
26.70	0.00	9,403	178.33	0.13
26.80	0.00	9,355	178.33	0.13
26.90	0.00	9,307	178.32	0.13
27.00	0.00	9,259	178.31	0.13
27.10	0.00	9,212	178.31	0.13
27.20	0.00	9,165	178.30	0.13
27.30	0.00	9,118	178.29	0.13
27.40	0.00	9,071	178.29	0.13
27.50	0.00	9,025	178.28	0.13
27.60	0.00	8,979	178.27	0.13
27.70	0.00	8,933	178.27	0.13
27.80	0.00	8,887	178.26	0.13
27.90	0.00	8,841	178.25	0.13
28.00	0.00	8,796	178.25	0.13
28.10	0.00	8,751	178.24	0.12
28.20	0.00	8,706	178.23	0.12
28.30	0.00	8,662	178.23	0.12
28.40	0.00	8,618	178.22	0.12
28.50	0.00	8,574	178.22	0.12
28.60	0.00	8,530	178.21	0.12
28.70	0.00	8,487	178.20	0.12
28.80	0.00	8,443	178.20	0.12
28.90	0.00	8,400	178.19	0.12
29.00	0.00	8,358	178.18	0.12
29.10	0.00	8,315	178.18	0.12
29.20	0.00	8,273	178.17	0.12
29.30	0.00	8,231	178.17	0.12
29.40	0.00	8,189	178.16	0.12
29.50	0.00	8,148	178.15	0.11
29.60	0.00	8,106	178.15	0.11
29.70	0.00	8,065	178.14	0.11
29.80	0.00	8,024	178.14	0.11
29.90	0.00	7,984	178.13	0.11
30.00	0.00	7,944	178.13	0.11
30.10	0.00	7,904	178.12	0.11
30.20	0.00	7,864	178.11	0.11
30.30	0.00	7,824	178.11	0.11
30.40	0.00	7,785	178.10	0.11
30.50	0.00	7,746	178.10	0.11
30.60	0.00	7,707	178.09	0.11
30.70	0.00	7,669	178.09	0.11
30.80	0.00	7,630	178.08	0.11
30.90	0.00	7,592	178.08	0.11
31.00	0.00	7,555	178.07	0.10
31.10	0.00	7,517	178.07	0.10

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,480	178.06	0.10
31.30	0.00	7,443	178.05	0.10
31.40	0.00	7,406	178.05	0.10
31.50	0.00	7,369	178.04	0.10
31.60	0.00	7,333	178.04	0.10
31.70	0.00	7,297	178.03	0.10
31.80	0.00	7,261	178.03	0.10
31.90	0.00	7,226	178.02	0.10
32.00	0.00	7,190	178.02	0.10
32.10	0.00	7,155	178.01	0.10
32.20	0.00	7,120	178.01	0.10
32.30	0.00	7,086	178.00	0.10
32.40	0.00	7,051	178.00	0.10
32.50	0.00	7,017	177.99	0.09
32.60	0.00	6,984	177.99	0.09
32.70	0.00	6,950	177.99	0.09
32.80	0.00	6,917	177.98	0.09
32.90	0.00	6,883	177.98	0.09
33.00	0.00	6,851	177.97	0.09
33.10	0.00	6,818	177.97	0.09
33.20	0.00	6,786	177.96	0.09
33.30	0.00	6,754	177.96	0.09
33.40	0.00	6,722	177.95	0.09
33.50	0.00	6,690	177.95	0.09
33.60	0.00	6,659	177.94	0.09
33.70	0.00	6,628	177.94	0.09
33.80	0.00	6,597	177.94	0.09
33.90	0.00	6,566	177.93	0.08
34.00	0.00	6,536	177.93	0.08
34.10	0.00	6,506	177.92	0.08
34.20	0.00	6,476	177.92	0.08
34.30	0.00	6,446	177.91	0.08
34.40	0.00	6,417	177.91	0.08
34.50	0.00	6,388	177.91	0.08
34.60	0.00	6,359	177.90	0.08
34.70	0.00	6,330	177.90	0.08
34.80	0.00	6,302	177.89	0.08
34.90	0.00	6,274	177.89	0.08
35.00	0.00	6,246	177.89	0.08
35.10	0.00	6,218	177.88	0.08
35.20	0.00	6,191	177.88	0.08
35.30	0.00	6,164	177.87	0.08
35.40	0.00	6,137	177.87	0.07
35.50	0.00	6,110	177.87	0.07
35.60	0.00	6,084	177.86	0.07
35.70	0.00	6,057	177.86	0.07
35.80	0.00	6,032	177.85	0.07
35.90	0.00	6,006	177.85	0.07
36.00	0.00	5,981	177.85	0.07
36.10	0.00	5,955	177.84	0.07
36.20	0.00	5,930	177.84	0.07
36.30	0.00	5,906	177.84	0.07

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,881	177.83	0.07
36.50	0.00	5,857	177.83	0.07
36.60	0.00	5,833	177.83	0.07
36.70	0.00	5,810	177.82	0.07
36.80	0.00	5,786	177.82	0.06
36.90	0.00	5,763	177.82	0.06
37.00	0.00	5,740	177.81	0.06
37.10	0.00	5,717	177.81	0.06
37.20	0.00	5,695	177.81	0.06
37.30	0.00	5,673	177.80	0.06
37.40	0.00	5,651	177.80	0.06
37.50	0.00	5,629	177.80	0.06
37.60	0.00	5,608	177.79	0.06
37.70	0.00	5,586	177.79	0.06
37.80	0.00	5,565	177.79	0.06
37.90	0.00	5,545	177.79	0.06
38.00	0.00	5,524	177.78	0.06
38.10	0.00	5,504	177.78	0.06
38.20	0.00	5,484	177.78	0.06
38.30	0.00	5,464	177.77	0.05
38.40	0.00	5,445	177.77	0.05
38.50	0.00	5,425	177.77	0.05
38.60	0.00	5,406	177.77	0.05
38.70	0.00	5,387	177.76	0.05
38.80	0.00	5,369	177.76	0.05
38.90	0.00	5,350	177.76	0.05
39.00	0.00	5,332	177.76	0.05
39.10	0.00	5,314	177.75	0.05
39.20	0.00	5,297	177.75	0.05
39.30	0.00	5,280	177.75	0.05
39.40	0.00	5,263	177.75	0.05
39.50	0.00	5,246	177.74	0.05
39.60	0.00	5,230	177.74	0.05
39.70	0.00	5,214	177.74	0.04
39.80	0.00	5,198	177.74	0.04
39.90	0.00	5,182	177.73	0.04
40.00	0.00	5,167	177.73	0.04

Stage-Discharge for Pond B-43: Basin #43

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
177.00	0.00	177.52	0.00	178.04	0.10	178.56	0.16
177.01	0.00	177.53	0.00	178.05	0.10	178.57	0.16
177.02	0.00	177.54	0.00	178.06	0.10	178.58	0.16
177.03	0.00	177.55	0.00	178.07	0.10	178.59	0.16
177.04	0.00	177.56	0.00	178.08	0.11	178.60	0.16
177.05	0.00	177.57	0.00	178.09	0.11	178.61	0.16
177.06	0.00	177.58	0.00	178.10	0.11	178.62	0.16
177.07	0.00	177.59	0.00	178.11	0.11	178.63	0.16
177.08	0.00	177.60	0.00	178.12	0.11	178.64	0.16
177.09	0.00	177.61	0.00	178.13	0.11	178.65	0.16
177.10	0.00	177.62	0.01	178.14	0.11	178.66	0.16
177.11	0.00	177.63	0.01	178.15	0.11	178.67	0.16
177.12	0.00	177.64	0.01	178.16	0.12	178.68	0.17
177.13	0.00	177.65	0.01	178.17	0.12	178.69	0.17
177.14	0.00	177.66	0.02	178.18	0.12	178.70	0.17
177.15	0.00	177.67	0.02	178.19	0.12	178.71	0.17
177.16	0.00	177.68	0.02	178.20	0.12	178.72	0.17
177.17	0.00	177.69	0.03	178.21	0.12	178.73	0.17
177.18	0.00	177.70	0.03	178.22	0.12	178.74	0.17
177.19	0.00	177.71	0.03	178.23	0.12	178.75	0.17
177.20	0.00	177.72	0.04	178.24	0.12	178.76	0.17
177.21	0.00	177.73	0.04	178.25	0.13	178.77	0.17
177.22	0.00	177.74	0.05	178.26	0.13	178.78	0.17
177.23	0.00	177.75	0.05	178.27	0.13	178.79	0.17
177.24	0.00	177.76	0.05	178.28	0.13	178.80	0.17
177.25	0.00	177.77	0.05	178.29	0.13	178.81	0.18
177.26	0.00	177.78	0.06	178.30	0.13	178.82	0.18
177.27	0.00	177.79	0.06	178.31	0.13	178.83	0.18
177.28	0.00	177.80	0.06	178.32	0.13	178.84	0.18
177.29	0.00	177.81	0.06	178.33	0.13	178.85	0.18
177.30	0.00	177.82	0.06	178.34	0.13	178.86	0.18
177.31	0.00	177.83	0.07	178.35	0.14	178.87	0.18
177.32	0.00	177.84	0.07	178.36	0.14	178.88	0.18
177.33	0.00	177.85	0.07	178.37	0.14	178.89	0.18
177.34	0.00	177.86	0.07	178.38	0.14	178.90	0.18
177.35	0.00	177.87	0.07	178.39	0.14	178.91	0.20
177.36	0.00	177.88	0.08	178.40	0.14	178.92	0.22
177.37	0.00	177.89	0.08	178.41	0.14	178.93	0.25
177.38	0.00	177.90	0.08	178.42	0.14	178.94	0.29
177.39	0.00	177.91	0.08	178.43	0.14	178.95	0.33
177.40	0.00	177.92	0.08	178.44	0.14	178.96	0.38
177.41	0.00	177.93	0.08	178.45	0.15	178.97	0.43
177.42	0.00	177.94	0.09	178.46	0.15	178.98	0.48
177.43	0.00	177.95	0.09	178.47	0.15	178.99	0.54
177.44	0.00	177.96	0.09	178.48	0.15	179.00	0.60
177.45	0.00	177.97	0.09	178.49	0.15	179.01	0.66
177.46	0.00	177.98	0.09	178.50	0.15	179.02	0.73
177.47	0.00	177.99	0.09	178.51	0.15	179.03	0.80
177.48	0.00	178.00	0.10	178.52	0.15	179.04	0.87
177.49	0.00	178.01	0.10	178.53	0.15	179.05	0.95
177.50	0.00	178.02	0.10	178.54	0.15	179.06	1.02
177.51	0.00	178.03	0.10	178.55	0.15	179.07	1.10

Stage-Discharge for Pond B-43: Basin #43 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.08	1.19	179.60	7.62	180.12	14.91	180.64	22.29
179.09	1.27	179.61	7.78	180.13	14.93	180.65	22.99
179.10	1.35	179.62	7.93	180.14	14.96	180.66	23.71
179.11	1.44	179.63	8.09	180.15	14.98	180.67	24.46
179.12	1.53	179.64	8.25	180.16	15.01	180.68	25.22
179.13	1.62	179.65	8.41	180.17	15.03	180.69	26.01
179.14	1.72	179.66	8.57	180.18	15.05	180.70	26.82
179.15	1.81	179.67	8.73	180.19	15.08	180.71	27.69
179.16	1.91	179.68	8.89	180.20	15.10	180.72	28.58
179.17	2.01	179.69	9.06	180.21	15.13	180.73	29.50
179.18	2.11	179.70	9.22	180.22	15.15	180.74	30.45
179.19	2.22	179.71	9.38	180.23	15.17	180.75	31.42
179.20	2.32	179.72	9.55	180.24	15.20	180.76	32.42
179.21	2.43	179.73	9.72	180.25	15.22	180.77	33.44
179.22	2.53	179.74	9.88	180.26	15.24	180.78	34.48
179.23	2.64	179.75	10.05	180.27	15.27	180.79	35.55
179.24	2.76	179.76	10.22	180.28	15.29	180.80	36.65
179.25	2.87	179.77	10.39	180.29	15.32	180.81	37.76
179.26	2.98	179.78	10.56	180.30	15.34	180.82	38.91
179.27	3.10	179.79	10.73	180.31	15.36	180.83	40.08
179.28	3.21	179.80	10.91	180.32	15.39	180.84	41.27
179.29	3.33	179.81	11.08	180.33	15.41	180.85	42.48
179.30	3.45	179.82	11.25	180.34	15.43	180.86	43.72
179.31	3.57	179.83	11.43	180.35	15.46	180.87	44.99
179.32	3.70	179.84	11.60	180.36	15.48	180.88	46.28
179.33	3.82	179.85	11.78	180.37	15.50	180.89	47.59
179.34	3.95	179.86	11.96	180.38	15.53	180.90	48.93
179.35	4.07	179.87	12.13	180.39	15.55	180.91	50.31
179.36	4.20	179.88	12.31	180.40	15.57	180.92	51.73
179.37	4.33	179.89	12.49	180.41	15.60	180.93	53.17
179.38	4.46	179.90	12.67	180.42	15.62	180.94	54.63
179.39	4.59	179.91	12.85	180.43	15.64	180.95	56.12
179.40	4.73	179.92	13.03	180.44	15.67	180.96	57.64
179.41	4.86	179.93	13.22	180.45	15.69	180.97	59.19
179.42	4.99	179.94	13.40	180.46	15.71	180.98	60.76
179.43	5.13	179.95	13.58	180.47	15.74	180.99	62.35
179.44	5.27	179.96	13.77	180.48	15.76	181.00	63.98
179.45	5.41	179.97	13.95	180.49	15.78		
179.46	5.55	179.98	14.14	180.50	15.80		
179.47	5.69	179.99	14.32	180.51	15.94		
179.48	5.83	180.00	14.51	180.52	16.18		
179.49	5.97	180.01	14.64	180.53	16.48		
179.50	6.12	180.02	14.66	180.54	16.83		
179.51	6.26	180.03	14.69	180.55	17.23		
179.52	6.41	180.04	14.71	180.56	17.67		
179.53	6.56	180.05	14.74	180.57	18.14		
179.54	6.71	180.06	14.76	180.58	18.64		
179.55	6.86	180.07	14.79	180.59	19.18		
179.56	7.01	180.08	14.81	180.60	19.75		
179.57	7.16	180.09	14.84	180.61	20.35		
179.58	7.31	180.10	14.86	180.62	20.97		
179.59	7.47	180.11	14.88	180.63	21.62		

Stage-Area-Storage for Pond B-43: Basin #43

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.00	7,055	0	177.52	7,055	3,669
177.01	7,055	71	177.53	7,055	3,739
177.02	7,055	141	177.54	7,055	3,810
177.03	7,055	212	177.55	7,055	3,880
177.04	7,055	282	177.56	7,055	3,951
177.05	7,055	353	177.57	7,055	4,021
177.06	7,055	423	177.58	7,055	4,092
177.07	7,055	494	177.59	7,055	4,162
177.08	7,055	564	177.60	7,055	4,233
177.09	7,055	635	177.61	7,055	4,304
177.10	7,055	705	177.62	7,055	4,374
177.11	7,055	776	177.63	7,055	4,445
177.12	7,055	847	177.64	7,055	4,515
177.13	7,055	917	177.65	7,055	4,586
177.14	7,055	988	177.66	7,055	4,656
177.15	7,055	1,058	177.67	7,055	4,727
177.16	7,055	1,129	177.68	7,055	4,797
177.17	7,055	1,199	177.69	7,055	4,868
177.18	7,055	1,270	177.70	7,055	4,938
177.19	7,055	1,340	177.71	7,055	5,009
177.20	7,055	1,411	177.72	7,055	5,080
177.21	7,055	1,482	177.73	7,055	5,150
177.22	7,055	1,552	177.74	7,055	5,221
177.23	7,055	1,623	177.75	7,055	5,291
177.24	7,055	1,693	177.76	7,055	5,362
177.25	7,055	1,764	177.77	7,055	5,432
177.26	7,055	1,834	177.78	7,055	5,503
177.27	7,055	1,905	177.79	7,055	5,573
177.28	7,055	1,975	177.80	7,055	5,644
177.29	7,055	2,046	177.81	7,055	5,715
177.30	7,055	2,117	177.82	7,055	5,785
177.31	7,055	2,187	177.83	7,055	5,856
177.32	7,055	2,258	177.84	7,055	5,926
177.33	7,055	2,328	177.85	7,055	5,997
177.34	7,055	2,399	177.86	7,055	6,067
177.35	7,055	2,469	177.87	7,055	6,138
177.36	7,055	2,540	177.88	7,055	6,208
177.37	7,055	2,610	177.89	7,055	6,279
177.38	7,055	2,681	177.90	7,055	6,350
177.39	7,055	2,751	177.91	7,055	6,420
177.40	7,055	2,822	177.92	7,055	6,491
177.41	7,055	2,893	177.93	7,055	6,561
177.42	7,055	2,963	177.94	7,055	6,632
177.43	7,055	3,034	177.95	7,055	6,702
177.44	7,055	3,104	177.96	7,055	6,773
177.45	7,055	3,175	177.97	7,055	6,843
177.46	7,055	3,245	177.98	7,055	6,914
177.47	7,055	3,316	177.99	7,055	6,984
177.48	7,055	3,386	178.00	7,055	7,055
177.49	7,055	3,457	178.01	7,055	7,126
177.50	7,055	3,528	178.02	7,055	7,196
177.51	7,055	3,598	178.03	7,055	7,267

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.04	7,055	7,337	178.56	7,055	11,006
178.05	7,055	7,408	178.57	7,055	11,076
178.06	7,055	7,478	178.58	7,055	11,147
178.07	7,055	7,549	178.59	7,055	11,217
178.08	7,055	7,619	178.60	7,055	11,288
178.09	7,055	7,690	178.61	7,055	11,359
178.10	7,055	7,760	178.62	7,055	11,429
178.11	7,055	7,831	178.63	7,055	11,500
178.12	7,055	7,902	178.64	7,055	11,570
178.13	7,055	7,972	178.65	7,055	11,641
178.14	7,055	8,043	178.66	7,055	11,711
178.15	7,055	8,113	178.67	7,055	11,782
178.16	7,055	8,184	178.68	7,055	11,852
178.17	7,055	8,254	178.69	7,055	11,923
178.18	7,055	8,325	178.70	7,055	11,993
178.19	7,055	8,395	178.71	7,055	12,064
178.20	7,055	8,466	178.72	7,055	12,135
178.21	7,055	8,537	178.73	7,055	12,205
178.22	7,055	8,607	178.74	7,055	12,276
178.23	7,055	8,678	178.75	7,055	12,346
178.24	7,055	8,748	178.76	7,055	12,417
178.25	7,055	8,819	178.77	7,055	12,487
178.26	7,055	8,889	178.78	7,055	12,558
178.27	7,055	8,960	178.79	7,055	12,628
178.28	7,055	9,030	178.80	7,055	12,699
178.29	7,055	9,101	178.81	7,055	12,770
178.30	7,055	9,172	178.82	7,055	12,840
178.31	7,055	9,242	178.83	7,055	12,911
178.32	7,055	9,313	178.84	7,055	12,981
178.33	7,055	9,383	178.85	7,055	13,052
178.34	7,055	9,454	178.86	7,055	13,122
178.35	7,055	9,524	178.87	7,055	13,193
178.36	7,055	9,595	178.88	7,055	13,263
178.37	7,055	9,665	178.89	7,055	13,334
178.38	7,055	9,736	178.90	7,055	13,405
178.39	7,055	9,806	178.91	7,055	13,475
178.40	7,055	9,877	178.92	7,055	13,546
178.41	7,055	9,948	178.93	7,055	13,616
178.42	7,055	10,018	178.94	7,055	13,687
178.43	7,055	10,089	178.95	7,055	13,757
178.44	7,055	10,159	178.96	7,055	13,828
178.45	7,055	10,230	178.97	7,055	13,898
178.46	7,055	10,300	178.98	7,055	13,969
178.47	7,055	10,371	178.99	7,055	14,039
178.48	7,055	10,441	179.00	7,055	14,110
178.49	7,055	10,512	179.01	7,055	14,181
178.50	7,055	10,583	179.02	7,055	14,251
178.51	7,055	10,653	179.03	7,055	14,322
178.52	7,055	10,724	179.04	7,055	14,392
178.53	7,055	10,794	179.05	7,055	14,463
178.54	7,055	10,865	179.06	7,055	14,533
178.55	7,055	10,935	179.07	7,055	14,604

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.08	7,055	14,674	179.60	7,055	18,343
179.09	7,055	14,745	179.61	7,055	18,414
179.10	7,055	14,815	179.62	7,055	18,484
179.11	7,055	14,886	179.63	7,055	18,555
179.12	7,055	14,957	179.64	7,055	18,625
179.13	7,055	15,027	179.65	7,055	18,696
179.14	7,055	15,098	179.66	7,055	18,766
179.15	7,055	15,168	179.67	7,055	18,837
179.16	7,055	15,239	179.68	7,055	18,907
179.17	7,055	15,309	179.69	7,055	18,978
179.18	7,055	15,380	179.70	7,055	19,048
179.19	7,055	15,450	179.71	7,055	19,119
179.20	7,055	15,521	179.72	7,055	19,190
179.21	7,055	15,592	179.73	7,055	19,260
179.22	7,055	15,662	179.74	7,055	19,331
179.23	7,055	15,733	179.75	7,055	19,401
179.24	7,055	15,803	179.76	7,055	19,472
179.25	7,055	15,874	179.77	7,055	19,542
179.26	7,055	15,944	179.78	7,055	19,613
179.27	7,055	16,015	179.79	7,055	19,683
179.28	7,055	16,085	179.80	7,055	19,754
179.29	7,055	16,156	179.81	7,055	19,825
179.30	7,055	16,227	179.82	7,055	19,895
179.31	7,055	16,297	179.83	7,055	19,966
179.32	7,055	16,368	179.84	7,055	20,036
179.33	7,055	16,438	179.85	7,055	20,107
179.34	7,055	16,509	179.86	7,055	20,177
179.35	7,055	16,579	179.87	7,055	20,248
179.36	7,055	16,650	179.88	7,055	20,318
179.37	7,055	16,720	179.89	7,055	20,389
179.38	7,055	16,791	179.90	7,055	20,460
179.39	7,055	16,861	179.91	7,055	20,530
179.40	7,055	16,932	179.92	7,055	20,601
179.41	7,055	17,003	179.93	7,055	20,671
179.42	7,055	17,073	179.94	7,055	20,742
179.43	7,055	17,144	179.95	7,055	20,812
179.44	7,055	17,214	179.96	7,055	20,883
179.45	7,055	17,285	179.97	7,055	20,953
179.46	7,055	17,355	179.98	7,055	21,024
179.47	7,055	17,426	179.99	7,055	21,094
179.48	7,055	17,496	180.00	7,055	21,165
179.49	7,055	17,567	180.01	7,055	21,236
179.50	7,055	17,638	180.02	7,055	21,306
179.51	7,055	17,708	180.03	7,055	21,377
179.52	7,055	17,779	180.04	7,055	21,447
179.53	7,055	17,849	180.05	7,055	21,518
179.54	7,055	17,920	180.06	7,055	21,588
179.55	7,055	17,990	180.07	7,055	21,659
179.56	7,055	18,061	180.08	7,055	21,729
179.57	7,055	18,131	180.09	7,055	21,800
179.58	7,055	18,202	180.10	7,055	21,870
179.59	7,055	18,272	180.11	7,055	21,941

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.12	7,055	22,012	180.64	7,055	25,680
180.13	7,055	22,082	180.65	7,055	25,751
180.14	7,055	22,153	180.66	7,055	25,821
180.15	7,055	22,223	180.67	7,055	25,892
180.16	7,055	22,294	180.68	7,055	25,962
180.17	7,055	22,364	180.69	7,055	26,033
180.18	7,055	22,435	180.70	7,055	26,103
180.19	7,055	22,505	180.71	7,055	26,174
180.20	7,055	22,576	180.72	7,055	26,245
180.21	7,055	22,647	180.73	7,055	26,315
180.22	7,055	22,717	180.74	7,055	26,386
180.23	7,055	22,788	180.75	7,055	26,456
180.24	7,055	22,858	180.76	7,055	26,527
180.25	7,055	22,929	180.77	7,055	26,597
180.26	7,055	22,999	180.78	7,055	26,668
180.27	7,055	23,070	180.79	7,055	26,738
180.28	7,055	23,140	180.80	7,055	26,809
180.29	7,055	23,211	180.81	7,055	26,880
180.30	7,055	23,282	180.82	7,055	26,950
180.31	7,055	23,352	180.83	7,055	27,021
180.32	7,055	23,423	180.84	7,055	27,091
180.33	7,055	23,493	180.85	7,055	27,162
180.34	7,055	23,564	180.86	7,055	27,232
180.35	7,055	23,634	180.87	7,055	27,303
180.36	7,055	23,705	180.88	7,055	27,373
180.37	7,055	23,775	180.89	7,055	27,444
180.38	7,055	23,846	180.90	7,055	27,515
180.39	7,055	23,916	180.91	7,055	27,585
180.40	7,055	23,987	180.92	7,055	27,656
180.41	7,055	24,058	180.93	7,055	27,726
180.42	7,055	24,128	180.94	7,055	27,797
180.43	7,055	24,199	180.95	7,055	27,867
180.44	7,055	24,269	180.96	7,055	27,938
180.45	7,055	24,340	180.97	7,055	28,008
180.46	7,055	24,410	180.98	7,055	28,079
180.47	7,055	24,481	180.99	7,055	28,149
180.48	7,055	24,551	181.00	7,055	28,220
180.49	7,055	24,622			
180.50	7,055	24,693			
180.51	7,055	24,763			
180.52	7,055	24,834			
180.53	7,055	24,904			
180.54	7,055	24,975			
180.55	7,055	25,045			
180.56	7,055	25,116			
180.57	7,055	25,186			
180.58	7,055	25,257			
180.59	7,055	25,327			
180.60	7,055	25,398			
180.61	7,055	25,469			
180.62	7,055	25,539			
180.63	7,055	25,610			

Summary for Pond B-44: Basin #44

Inflow Area = 1.184 ac, 34.71% Impervious, Inflow Depth = 1.82" for Current 2 yr event
 Inflow = 2.18 cfs @ 12.18 hrs, Volume= 0.180 af
 Outflow = 0.10 cfs @ 14.94 hrs, Volume= 0.127 af, Atten= 96%, Lag= 165.6 min
 Primary = 0.10 cfs @ 14.94 hrs, Volume= 0.127 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 166.66' @ 14.94 hrs Surf.Area= 7,939 sf Storage= 5,275 cf

Plug-Flow detention time= 602.2 min calculated for 0.127 af (71% of inflow)
 Center-of-Mass det. time= 500.0 min (1,303.5 - 803.5)

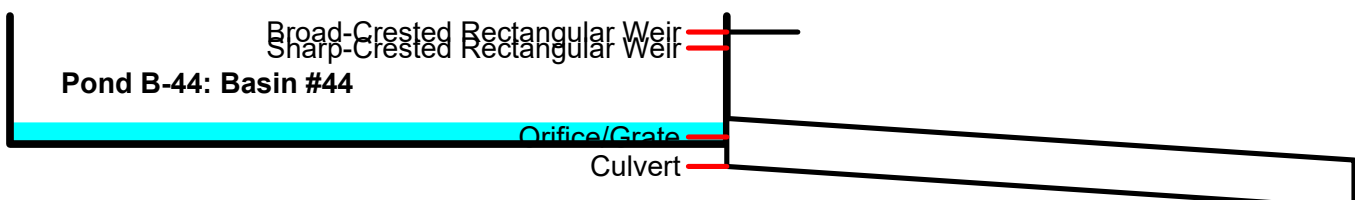
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	31,756 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,939	0	0
167.00	7,939	7,939	7,939
168.00	7,939	7,939	15,878
169.00	7,939	7,939	23,817
170.00	7,939	7,939	31,756

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 44.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0295 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

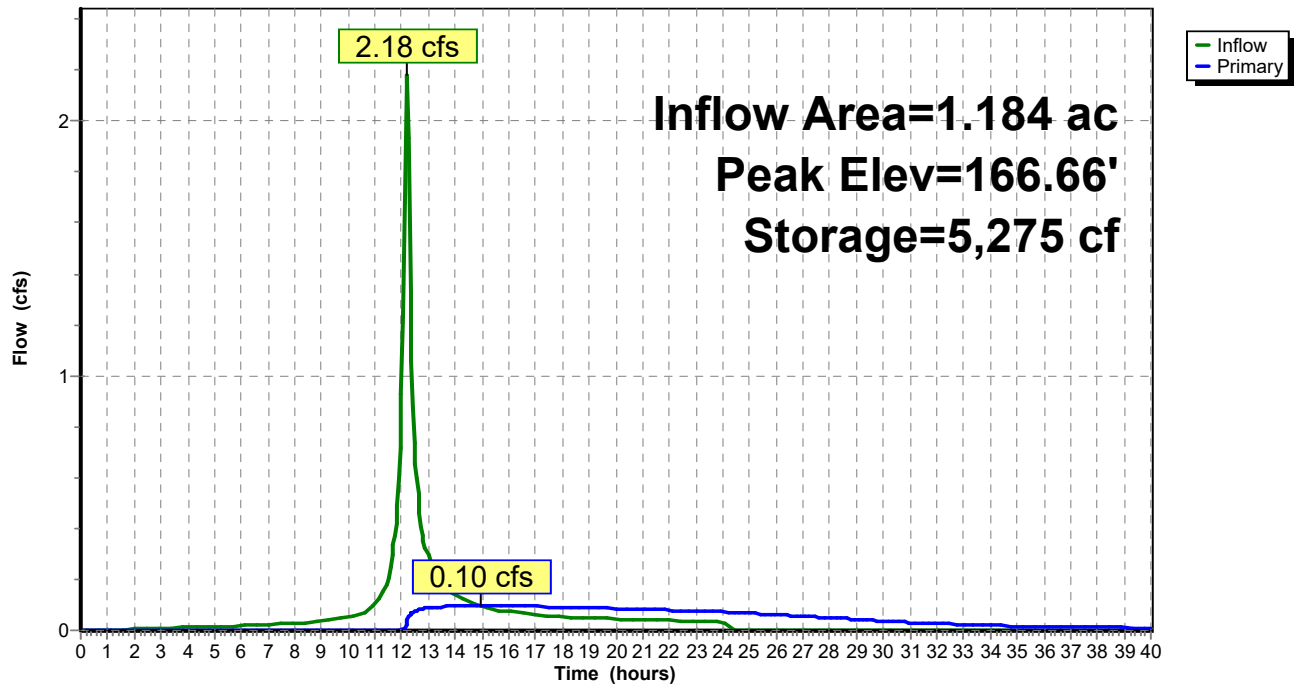
Primary OutFlow Max=0.10 cfs @ 14.94 hrs HW=166.66' (Free Discharge)

- 1=Culvert (Passes 0.10 cfs of 6.71 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.10 cfs @ 2.81 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-44: Basin #44

Hydrograph



Hydrograph for Pond B-44: Basin #44

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	0	166.00	0.00
1.10	0.00	0	166.00	0.00
1.20	0.00	0	166.00	0.00
1.30	0.00	0	166.00	0.00
1.40	0.00	0	166.00	0.00
1.50	0.00	1	166.00	0.00
1.60	0.00	1	166.00	0.00
1.70	0.00	2	166.00	0.00
1.80	0.00	3	166.00	0.00
1.90	0.00	4	166.00	0.00
2.00	0.00	5	166.00	0.00
2.10	0.00	7	166.00	0.00
2.20	0.00	8	166.00	0.00
2.30	0.01	10	166.00	0.00
2.40	0.01	12	166.00	0.00
2.50	0.01	14	166.00	0.00
2.60	0.01	17	166.00	0.00
2.70	0.01	19	166.00	0.00
2.80	0.01	22	166.00	0.00
2.90	0.01	24	166.00	0.00
3.00	0.01	27	166.00	0.00
3.10	0.01	30	166.00	0.00
3.20	0.01	33	166.00	0.00
3.30	0.01	36	166.00	0.00
3.40	0.01	40	166.01	0.00
3.50	0.01	43	166.01	0.00
3.60	0.01	47	166.01	0.00
3.70	0.01	51	166.01	0.00
3.80	0.01	55	166.01	0.00
3.90	0.01	59	166.01	0.00
4.00	0.01	63	166.01	0.00
4.10	0.01	67	166.01	0.00
4.20	0.01	71	166.01	0.00
4.30	0.01	76	166.01	0.00
4.40	0.01	80	166.01	0.00
4.50	0.01	85	166.01	0.00
4.60	0.01	90	166.01	0.00
4.70	0.01	94	166.01	0.00
4.80	0.01	99	166.01	0.00
4.90	0.01	104	166.01	0.00
5.00	0.01	110	166.01	0.00
5.10	0.01	115	166.01	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	120	166.02	0.00
5.30	0.02	126	166.02	0.00
5.40	0.02	131	166.02	0.00
5.50	0.02	137	166.02	0.00
5.60	0.02	142	166.02	0.00
5.70	0.02	148	166.02	0.00
5.80	0.02	154	166.02	0.00
5.90	0.02	160	166.02	0.00
6.00	0.02	166	166.02	0.00
6.10	0.02	172	166.02	0.00
6.20	0.02	179	166.02	0.00
6.30	0.02	185	166.02	0.00
6.40	0.02	192	166.02	0.00
6.50	0.02	199	166.03	0.00
6.60	0.02	206	166.03	0.00
6.70	0.02	213	166.03	0.00
6.80	0.02	221	166.03	0.00
6.90	0.02	228	166.03	0.00
7.00	0.02	236	166.03	0.00
7.10	0.02	244	166.03	0.00
7.20	0.02	253	166.03	0.00
7.30	0.02	261	166.03	0.00
7.40	0.02	270	166.03	0.00
7.50	0.03	279	166.04	0.00
7.60	0.03	288	166.04	0.00
7.70	0.03	298	166.04	0.00
7.80	0.03	308	166.04	0.00
7.90	0.03	317	166.04	0.00
8.00	0.03	328	166.04	0.00
8.10	0.03	338	166.04	0.00
8.20	0.03	348	166.04	0.00
8.30	0.03	359	166.05	0.00
8.40	0.03	370	166.05	0.00
8.50	0.03	381	166.05	0.00
8.60	0.03	393	166.05	0.00
8.70	0.03	404	166.05	0.00
8.80	0.03	416	166.05	0.00
8.90	0.03	428	166.05	0.00
9.00	0.03	440	166.06	0.00
9.10	0.04	453	166.06	0.00
9.20	0.04	466	166.06	0.00
9.30	0.04	480	166.06	0.00
9.40	0.04	494	166.06	0.00
9.50	0.04	509	166.06	0.00
9.60	0.05	525	166.07	0.00
9.70	0.05	542	166.07	0.00
9.80	0.05	559	166.07	0.00
9.90	0.05	577	166.07	0.00
10.00	0.05	596	166.08	0.00
10.10	0.06	615	166.08	0.00
10.20	0.06	636	166.08	0.00
10.30	0.06	657	166.08	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.06	679	166.09	0.00
10.50	0.06	701	166.09	0.00
10.60	0.07	725	166.09	0.00
10.70	0.07	750	166.09	0.00
10.80	0.08	778	166.10	0.00
10.90	0.09	810	166.10	0.00
11.00	0.10	845	166.11	0.00
11.10	0.12	885	166.11	0.00
11.20	0.13	930	166.12	0.00
11.30	0.15	982	166.12	0.00
11.40	0.18	1,041	166.13	0.00
11.50	0.20	1,109	166.14	0.00
11.60	0.25	1,188	166.15	0.00
11.70	0.33	1,293	166.16	0.00
11.80	0.42	1,427	166.18	0.00
11.90	0.59	1,605	166.20	0.00
12.00	0.93	1,871	166.24	0.00
12.10	1.68	2,326	166.29	0.01
12.20	2.13	3,044	166.38	0.04
12.30	1.33	3,648	166.46	0.06
12.40	0.87	4,014	166.51	0.07
12.50	0.65	4,258	166.54	0.08
12.60	0.53	4,445	166.56	0.08
12.70	0.41	4,583	166.58	0.08
12.80	0.35	4,689	166.59	0.08
12.90	0.32	4,778	166.60	0.09
13.00	0.29	4,856	166.61	0.09
13.10	0.26	4,923	166.62	0.09
13.20	0.23	4,979	166.63	0.09
13.30	0.21	5,026	166.63	0.09
13.40	0.20	5,067	166.64	0.09
13.50	0.18	5,102	166.64	0.09
13.60	0.16	5,131	166.65	0.09
13.70	0.15	5,154	166.65	0.09
13.80	0.14	5,173	166.65	0.09
13.90	0.14	5,190	166.65	0.09
14.00	0.14	5,206	166.66	0.09
14.10	0.13	5,220	166.66	0.09
14.20	0.13	5,232	166.66	0.09
14.30	0.12	5,243	166.66	0.10
14.40	0.12	5,252	166.66	0.10
14.50	0.11	5,260	166.66	0.10
14.60	0.11	5,266	166.66	0.10
14.70	0.11	5,270	166.66	0.10
14.80	0.10	5,273	166.66	0.10
14.90	0.10	5,274	166.66	0.10
15.00	0.09	5,274	166.66	0.10
15.10	0.09	5,272	166.66	0.10
15.20	0.08	5,269	166.66	0.10
15.30	0.08	5,265	166.66	0.10
15.40	0.08	5,260	166.66	0.10
15.50	0.08	5,255	166.66	0.10

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.08	5,250	166.66	0.10
15.70	0.08	5,244	166.66	0.10
15.80	0.08	5,238	166.66	0.10
15.90	0.08	5,231	166.66	0.09
16.00	0.08	5,224	166.66	0.09
16.10	0.07	5,217	166.66	0.09
16.20	0.07	5,209	166.66	0.09
16.30	0.07	5,201	166.66	0.09
16.40	0.07	5,193	166.65	0.09
16.50	0.07	5,184	166.65	0.09
16.60	0.07	5,175	166.65	0.09
16.70	0.07	5,165	166.65	0.09
16.80	0.07	5,156	166.65	0.09
16.90	0.06	5,146	166.65	0.09
17.00	0.06	5,135	166.65	0.09
17.10	0.06	5,124	166.65	0.09
17.20	0.06	5,113	166.64	0.09
17.30	0.06	5,102	166.64	0.09
17.40	0.06	5,090	166.64	0.09
17.50	0.06	5,077	166.64	0.09
17.60	0.06	5,065	166.64	0.09
17.70	0.06	5,052	166.64	0.09
17.80	0.05	5,039	166.63	0.09
17.90	0.05	5,025	166.63	0.09
18.00	0.05	5,011	166.63	0.09
18.10	0.05	4,997	166.63	0.09
18.20	0.05	4,982	166.63	0.09
18.30	0.05	4,968	166.63	0.09
18.40	0.05	4,953	166.62	0.09
18.50	0.05	4,938	166.62	0.09
18.60	0.05	4,923	166.62	0.09
18.70	0.05	4,909	166.62	0.09
18.80	0.05	4,894	166.62	0.09
18.90	0.05	4,879	166.61	0.09
19.00	0.05	4,864	166.61	0.09
19.10	0.05	4,850	166.61	0.09
19.20	0.05	4,835	166.61	0.09
19.30	0.05	4,820	166.61	0.09
19.40	0.05	4,805	166.61	0.09
19.50	0.05	4,791	166.60	0.09
19.60	0.05	4,776	166.60	0.09
19.70	0.05	4,761	166.60	0.09
19.80	0.04	4,746	166.60	0.09
19.90	0.04	4,732	166.60	0.09
20.00	0.04	4,717	166.59	0.09
20.10	0.04	4,702	166.59	0.08
20.20	0.04	4,688	166.59	0.08
20.30	0.04	4,673	166.59	0.08
20.40	0.04	4,658	166.59	0.08
20.50	0.04	4,643	166.58	0.08
20.60	0.04	4,629	166.58	0.08
20.70	0.04	4,614	166.58	0.08

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.04	4,599	166.58	0.08
20.90	0.04	4,585	166.58	0.08
21.00	0.04	4,570	166.58	0.08
21.10	0.04	4,555	166.57	0.08
21.20	0.04	4,540	166.57	0.08
21.30	0.04	4,526	166.57	0.08
21.40	0.04	4,511	166.57	0.08
21.50	0.04	4,496	166.57	0.08
21.60	0.04	4,482	166.56	0.08
21.70	0.04	4,467	166.56	0.08
21.80	0.04	4,452	166.56	0.08
21.90	0.04	4,438	166.56	0.08
22.00	0.04	4,423	166.56	0.08
22.10	0.04	4,408	166.56	0.08
22.20	0.04	4,394	166.55	0.08
22.30	0.04	4,379	166.55	0.08
22.40	0.04	4,364	166.55	0.08
22.50	0.04	4,350	166.55	0.08
22.60	0.04	4,335	166.55	0.08
22.70	0.04	4,321	166.54	0.08
22.80	0.04	4,306	166.54	0.08
22.90	0.04	4,291	166.54	0.08
23.00	0.04	4,277	166.54	0.08
23.10	0.04	4,262	166.54	0.08
23.20	0.03	4,248	166.54	0.08
23.30	0.03	4,233	166.53	0.07
23.40	0.03	4,219	166.53	0.07
23.50	0.03	4,204	166.53	0.07
23.60	0.03	4,190	166.53	0.07
23.70	0.03	4,175	166.53	0.07
23.80	0.03	4,161	166.52	0.07
23.90	0.03	4,146	166.52	0.07
24.00	0.03	4,132	166.52	0.07
24.10	0.03	4,118	166.52	0.07
24.20	0.01	4,098	166.52	0.07
24.30	0.00	4,074	166.51	0.07
24.40	0.00	4,049	166.51	0.07
24.50	0.00	4,024	166.51	0.07
24.60	0.00	3,999	166.50	0.07
24.70	0.00	3,974	166.50	0.07
24.80	0.00	3,949	166.50	0.07
24.90	0.00	3,925	166.49	0.07
25.00	0.00	3,901	166.49	0.07
25.10	0.00	3,877	166.49	0.07
25.20	0.00	3,853	166.49	0.07
25.30	0.00	3,829	166.48	0.07
25.40	0.00	3,806	166.48	0.06
25.50	0.00	3,783	166.48	0.06
25.60	0.00	3,760	166.47	0.06
25.70	0.00	3,737	166.47	0.06
25.80	0.00	3,714	166.47	0.06
25.90	0.00	3,692	166.47	0.06

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,670	166.46	0.06
26.10	0.00	3,648	166.46	0.06
26.20	0.00	3,627	166.46	0.06
26.30	0.00	3,606	166.45	0.06
26.40	0.00	3,584	166.45	0.06
26.50	0.00	3,563	166.45	0.06
26.60	0.00	3,543	166.45	0.06
26.70	0.00	3,522	166.44	0.06
26.80	0.00	3,502	166.44	0.06
26.90	0.00	3,482	166.44	0.06
27.00	0.00	3,462	166.44	0.05
27.10	0.00	3,442	166.43	0.05
27.20	0.00	3,423	166.43	0.05
27.30	0.00	3,404	166.43	0.05
27.40	0.00	3,385	166.43	0.05
27.50	0.00	3,366	166.42	0.05
27.60	0.00	3,348	166.42	0.05
27.70	0.00	3,330	166.42	0.05
27.80	0.00	3,311	166.42	0.05
27.90	0.00	3,294	166.41	0.05
28.00	0.00	3,276	166.41	0.05
28.10	0.00	3,259	166.41	0.05
28.20	0.00	3,241	166.41	0.05
28.30	0.00	3,225	166.41	0.05
28.40	0.00	3,208	166.40	0.05
28.50	0.00	3,191	166.40	0.05
28.60	0.00	3,175	166.40	0.05
28.70	0.00	3,159	166.40	0.04
28.80	0.00	3,143	166.40	0.04
28.90	0.00	3,127	166.39	0.04
29.00	0.00	3,112	166.39	0.04
29.10	0.00	3,097	166.39	0.04
29.20	0.00	3,082	166.39	0.04
29.30	0.00	3,067	166.39	0.04
29.40	0.00	3,053	166.38	0.04
29.50	0.00	3,039	166.38	0.04
29.60	0.00	3,025	166.38	0.04
29.70	0.00	3,011	166.38	0.04
29.80	0.00	2,997	166.38	0.04
29.90	0.00	2,984	166.38	0.04
30.00	0.00	2,971	166.37	0.04
30.10	0.00	2,958	166.37	0.04
30.20	0.00	2,945	166.37	0.03
30.30	0.00	2,933	166.37	0.03
30.40	0.00	2,921	166.37	0.03
30.50	0.00	2,909	166.37	0.03
30.60	0.00	2,897	166.36	0.03
30.70	0.00	2,885	166.36	0.03
30.80	0.00	2,873	166.36	0.03
30.90	0.00	2,862	166.36	0.03
31.00	0.00	2,851	166.36	0.03
31.10	0.00	2,840	166.36	0.03

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,829	166.36	0.03
31.30	0.00	2,818	166.36	0.03
31.40	0.00	2,808	166.35	0.03
31.50	0.00	2,798	166.35	0.03
31.60	0.00	2,788	166.35	0.03
31.70	0.00	2,778	166.35	0.03
31.80	0.00	2,768	166.35	0.03
31.90	0.00	2,758	166.35	0.03
32.00	0.00	2,748	166.35	0.03
32.10	0.00	2,739	166.35	0.03
32.20	0.00	2,730	166.34	0.03
32.30	0.00	2,721	166.34	0.03
32.40	0.00	2,712	166.34	0.02
32.50	0.00	2,703	166.34	0.02
32.60	0.00	2,694	166.34	0.02
32.70	0.00	2,686	166.34	0.02
32.80	0.00	2,677	166.34	0.02
32.90	0.00	2,669	166.34	0.02
33.00	0.00	2,661	166.34	0.02
33.10	0.00	2,653	166.33	0.02
33.20	0.00	2,645	166.33	0.02
33.30	0.00	2,637	166.33	0.02
33.40	0.00	2,629	166.33	0.02
33.50	0.00	2,621	166.33	0.02
33.60	0.00	2,614	166.33	0.02
33.70	0.00	2,607	166.33	0.02
33.80	0.00	2,599	166.33	0.02
33.90	0.00	2,592	166.33	0.02
34.00	0.00	2,585	166.33	0.02
34.10	0.00	2,578	166.32	0.02
34.20	0.00	2,572	166.32	0.02
34.30	0.00	2,565	166.32	0.02
34.40	0.00	2,558	166.32	0.02
34.50	0.00	2,552	166.32	0.02
34.60	0.00	2,545	166.32	0.02
34.70	0.00	2,539	166.32	0.02
34.80	0.00	2,533	166.32	0.02
34.90	0.00	2,527	166.32	0.02
35.00	0.00	2,521	166.32	0.02
35.10	0.00	2,515	166.32	0.02
35.20	0.00	2,509	166.32	0.02
35.30	0.00	2,503	166.32	0.02
35.40	0.00	2,497	166.31	0.02
35.50	0.00	2,491	166.31	0.02
35.60	0.00	2,486	166.31	0.02
35.70	0.00	2,480	166.31	0.02
35.80	0.00	2,475	166.31	0.02
35.90	0.00	2,469	166.31	0.02
36.00	0.00	2,464	166.31	0.01
36.10	0.00	2,459	166.31	0.01
36.20	0.00	2,453	166.31	0.01
36.30	0.00	2,448	166.31	0.01

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,443	166.31	0.01
36.50	0.00	2,438	166.31	0.01
36.60	0.00	2,433	166.31	0.01
36.70	0.00	2,428	166.31	0.01
36.80	0.00	2,423	166.31	0.01
36.90	0.00	2,418	166.30	0.01
37.00	0.00	2,414	166.30	0.01
37.10	0.00	2,409	166.30	0.01
37.20	0.00	2,404	166.30	0.01
37.30	0.00	2,400	166.30	0.01
37.40	0.00	2,395	166.30	0.01
37.50	0.00	2,391	166.30	0.01
37.60	0.00	2,386	166.30	0.01
37.70	0.00	2,382	166.30	0.01
37.80	0.00	2,377	166.30	0.01
37.90	0.00	2,373	166.30	0.01
38.00	0.00	2,369	166.30	0.01
38.10	0.00	2,365	166.30	0.01
38.20	0.00	2,361	166.30	0.01
38.30	0.00	2,356	166.30	0.01
38.40	0.00	2,352	166.30	0.01
38.50	0.00	2,348	166.30	0.01
38.60	0.00	2,345	166.30	0.01
38.70	0.00	2,341	166.29	0.01
38.80	0.00	2,337	166.29	0.01
38.90	0.00	2,333	166.29	0.01
39.00	0.00	2,329	166.29	0.01
39.10	0.00	2,326	166.29	0.01
39.20	0.00	2,322	166.29	0.01
39.30	0.00	2,318	166.29	0.01
39.40	0.00	2,315	166.29	0.01
39.50	0.00	2,311	166.29	0.01
39.60	0.00	2,308	166.29	0.01
39.70	0.00	2,304	166.29	0.01
39.80	0.00	2,301	166.29	0.01
39.90	0.00	2,298	166.29	0.01
40.00	0.00	2,294	166.29	0.01

Stage-Discharge for Pond B-44: Basin #44

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.07	167.04	0.14	167.56	0.18
166.01	0.00	166.53	0.07	167.05	0.14	167.57	0.18
166.02	0.00	166.54	0.08	167.06	0.14	167.58	0.18
166.03	0.00	166.55	0.08	167.07	0.14	167.59	0.18
166.04	0.00	166.56	0.08	167.08	0.14	167.60	0.19
166.05	0.00	166.57	0.08	167.09	0.14	167.61	0.19
166.06	0.00	166.58	0.08	167.10	0.14	167.62	0.19
166.07	0.00	166.59	0.08	167.11	0.15	167.63	0.19
166.08	0.00	166.60	0.09	167.12	0.15	167.64	0.19
166.09	0.00	166.61	0.09	167.13	0.15	167.65	0.19
166.10	0.00	166.62	0.09	167.14	0.15	167.66	0.19
166.11	0.00	166.63	0.09	167.15	0.15	167.67	0.19
166.12	0.00	166.64	0.09	167.16	0.15	167.68	0.19
166.13	0.00	166.65	0.09	167.17	0.15	167.69	0.19
166.14	0.00	166.66	0.10	167.18	0.15	167.70	0.19
166.15	0.00	166.67	0.10	167.19	0.15	167.71	0.19
166.16	0.00	166.68	0.10	167.20	0.15	167.72	0.19
166.17	0.00	166.69	0.10	167.21	0.15	167.73	0.19
166.18	0.00	166.70	0.10	167.22	0.16	167.74	0.20
166.19	0.00	166.71	0.10	167.23	0.16	167.75	0.20
166.20	0.00	166.72	0.10	167.24	0.16	167.76	0.20
166.21	0.00	166.73	0.10	167.25	0.16	167.77	0.20
166.22	0.00	166.74	0.11	167.26	0.16	167.78	0.20
166.23	0.00	166.75	0.11	167.27	0.16	167.79	0.20
166.24	0.00	166.76	0.11	167.28	0.16	167.80	0.20
166.25	0.00	166.77	0.11	167.29	0.16	167.81	0.20
166.26	0.00	166.78	0.11	167.30	0.16	167.82	0.20
166.27	0.00	166.79	0.11	167.31	0.16	167.83	0.20
166.28	0.01	166.80	0.11	167.32	0.16	167.84	0.20
166.29	0.01	166.81	0.11	167.33	0.16	167.85	0.20
166.30	0.01	166.82	0.12	167.34	0.17	167.86	0.20
166.31	0.01	166.83	0.12	167.35	0.17	167.87	0.20
166.32	0.02	166.84	0.12	167.36	0.17	167.88	0.20
166.33	0.02	166.85	0.12	167.37	0.17	167.89	0.21
166.34	0.02	166.86	0.12	167.38	0.17	167.90	0.21
166.35	0.03	166.87	0.12	167.39	0.17	167.91	0.21
166.36	0.03	166.88	0.12	167.40	0.17	167.92	0.21
166.37	0.03	166.89	0.12	167.41	0.17	167.93	0.21
166.38	0.04	166.90	0.12	167.42	0.17	167.94	0.21
166.39	0.04	166.91	0.13	167.43	0.17	167.95	0.21
166.40	0.05	166.92	0.13	167.44	0.17	167.96	0.21
166.41	0.05	166.93	0.13	167.45	0.17	167.97	0.21
166.42	0.05	166.94	0.13	167.46	0.17	167.98	0.21
166.43	0.05	166.95	0.13	167.47	0.18	167.99	0.21
166.44	0.06	166.96	0.13	167.48	0.18	168.00	0.21
166.45	0.06	166.97	0.13	167.49	0.18	168.01	0.21
166.46	0.06	166.98	0.13	167.50	0.18	168.02	0.21
166.47	0.06	166.99	0.13	167.51	0.18	168.03	0.21
166.48	0.06	167.00	0.13	167.52	0.18	168.04	0.22
166.49	0.07	167.01	0.14	167.53	0.18	168.05	0.22
166.50	0.07	167.02	0.14	167.54	0.18	168.06	0.22
166.51	0.07	167.03	0.14	167.55	0.18	168.07	0.22

Stage-Discharge for Pond B-44: Basin #44 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.22	168.60	0.25	169.12	0.81	169.64	12.95
168.09	0.22	168.61	0.25	169.13	0.88	169.65	13.78
168.10	0.22	168.62	0.25	169.14	0.96	169.66	14.63
168.11	0.22	168.63	0.25	169.15	1.03	169.67	15.50
168.12	0.22	168.64	0.25	169.16	1.11	169.68	16.40
168.13	0.22	168.65	0.25	169.17	1.19	169.69	17.32
168.14	0.22	168.66	0.25	169.18	1.27	169.70	18.26
168.15	0.22	168.67	0.25	169.19	1.35	169.71	19.26
168.16	0.22	168.68	0.25	169.20	1.44	169.72	20.29
168.17	0.22	168.69	0.25	169.21	1.52	169.73	21.35
168.18	0.22	168.70	0.25	169.22	1.61	169.74	22.43
168.19	0.22	168.71	0.25	169.23	1.71	169.75	23.53
168.20	0.22	168.72	0.25	169.24	1.80	169.76	24.67
168.21	0.23	168.73	0.25	169.25	1.90	169.77	25.83
168.22	0.23	168.74	0.26	169.26	1.99	169.78	27.01
168.23	0.23	168.75	0.26	169.27	2.09	169.79	28.22
168.24	0.23	168.76	0.26	169.28	2.19	169.80	29.46
168.25	0.23	168.77	0.26	169.29	2.30	169.81	30.72
168.26	0.23	168.78	0.26	169.30	2.40	169.82	32.01
168.27	0.23	168.79	0.26	169.31	2.51	169.83	33.32
168.28	0.23	168.80	0.26	169.32	2.61	169.84	34.66
168.29	0.23	168.81	0.26	169.33	2.72	169.85	36.02
168.30	0.23	168.82	0.26	169.34	2.83	169.86	37.41
168.31	0.23	168.83	0.26	169.35	2.95	169.87	38.82
168.32	0.23	168.84	0.26	169.36	3.06	169.88	40.26
168.33	0.23	168.85	0.26	169.37	3.18	169.89	41.72
168.34	0.23	168.86	0.26	169.38	3.29	169.90	43.21
168.35	0.23	168.87	0.26	169.39	3.41	169.91	44.74
168.36	0.23	168.88	0.26	169.40	3.53	169.92	46.31
168.37	0.23	168.89	0.26	169.41	3.65	169.93	47.90
168.38	0.24	168.90	0.26	169.42	3.77	169.94	49.52
168.39	0.24	168.91	0.26	169.43	3.90	169.95	51.17
168.40	0.24	168.92	0.26	169.44	4.02	169.96	52.84
168.41	0.24	168.93	0.26	169.45	4.15	169.97	54.54
168.42	0.24	168.94	0.27	169.46	4.28	169.98	56.27
168.43	0.24	168.95	0.27	169.47	4.41	169.99	58.02
168.44	0.24	168.96	0.27	169.48	4.54	170.00	59.81
168.45	0.24	168.97	0.27	169.49	4.67		
168.46	0.24	168.98	0.27	169.50	4.80		
168.47	0.24	168.99	0.27	169.51	5.05		
168.48	0.24	169.00	0.27	169.52	5.40		
168.49	0.24	169.01	0.28	169.53	5.82		
168.50	0.24	169.02	0.31	169.54	6.28		
168.51	0.24	169.03	0.34	169.55	6.79		
168.52	0.24	169.04	0.37	169.56	7.35		
168.53	0.24	169.05	0.42	169.57	7.94		
168.54	0.24	169.06	0.46	169.58	8.56		
168.55	0.24	169.07	0.51	169.59	9.22		
168.56	0.25	169.08	0.57	169.60	9.91		
168.57	0.25	169.09	0.62	169.61	10.63		
168.58	0.25	169.10	0.69	169.62	11.38		
168.59	0.25	169.11	0.75	169.63	12.15		

Stage-Area-Storage for Pond B-44: Basin #44

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,939	0	166.52	7,939	4,128
166.01	7,939	79	166.53	7,939	4,208
166.02	7,939	159	166.54	7,939	4,287
166.03	7,939	238	166.55	7,939	4,366
166.04	7,939	318	166.56	7,939	4,446
166.05	7,939	397	166.57	7,939	4,525
166.06	7,939	476	166.58	7,939	4,605
166.07	7,939	556	166.59	7,939	4,684
166.08	7,939	635	166.60	7,939	4,763
166.09	7,939	715	166.61	7,939	4,843
166.10	7,939	794	166.62	7,939	4,922
166.11	7,939	873	166.63	7,939	5,002
166.12	7,939	953	166.64	7,939	5,081
166.13	7,939	1,032	166.65	7,939	5,160
166.14	7,939	1,111	166.66	7,939	5,240
166.15	7,939	1,191	166.67	7,939	5,319
166.16	7,939	1,270	166.68	7,939	5,399
166.17	7,939	1,350	166.69	7,939	5,478
166.18	7,939	1,429	166.70	7,939	5,557
166.19	7,939	1,508	166.71	7,939	5,637
166.20	7,939	1,588	166.72	7,939	5,716
166.21	7,939	1,667	166.73	7,939	5,795
166.22	7,939	1,747	166.74	7,939	5,875
166.23	7,939	1,826	166.75	7,939	5,954
166.24	7,939	1,905	166.76	7,939	6,034
166.25	7,939	1,985	166.77	7,939	6,113
166.26	7,939	2,064	166.78	7,939	6,192
166.27	7,939	2,144	166.79	7,939	6,272
166.28	7,939	2,223	166.80	7,939	6,351
166.29	7,939	2,302	166.81	7,939	6,431
166.30	7,939	2,382	166.82	7,939	6,510
166.31	7,939	2,461	166.83	7,939	6,589
166.32	7,939	2,540	166.84	7,939	6,669
166.33	7,939	2,620	166.85	7,939	6,748
166.34	7,939	2,699	166.86	7,939	6,828
166.35	7,939	2,779	166.87	7,939	6,907
166.36	7,939	2,858	166.88	7,939	6,986
166.37	7,939	2,937	166.89	7,939	7,066
166.38	7,939	3,017	166.90	7,939	7,145
166.39	7,939	3,096	166.91	7,939	7,224
166.40	7,939	3,176	166.92	7,939	7,304
166.41	7,939	3,255	166.93	7,939	7,383
166.42	7,939	3,334	166.94	7,939	7,463
166.43	7,939	3,414	166.95	7,939	7,542
166.44	7,939	3,493	166.96	7,939	7,621
166.45	7,939	3,573	166.97	7,939	7,701
166.46	7,939	3,652	166.98	7,939	7,780
166.47	7,939	3,731	166.99	7,939	7,860
166.48	7,939	3,811	167.00	7,939	7,939
166.49	7,939	3,890	167.01	7,939	8,018
166.50	7,939	3,970	167.02	7,939	8,098
166.51	7,939	4,049	167.03	7,939	8,177

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,939	8,257	167.56	7,939	12,385
167.05	7,939	8,336	167.57	7,939	12,464
167.06	7,939	8,415	167.58	7,939	12,544
167.07	7,939	8,495	167.59	7,939	12,623
167.08	7,939	8,574	167.60	7,939	12,702
167.09	7,939	8,654	167.61	7,939	12,782
167.10	7,939	8,733	167.62	7,939	12,861
167.11	7,939	8,812	167.63	7,939	12,941
167.12	7,939	8,892	167.64	7,939	13,020
167.13	7,939	8,971	167.65	7,939	13,099
167.14	7,939	9,050	167.66	7,939	13,179
167.15	7,939	9,130	167.67	7,939	13,258
167.16	7,939	9,209	167.68	7,939	13,338
167.17	7,939	9,289	167.69	7,939	13,417
167.18	7,939	9,368	167.70	7,939	13,496
167.19	7,939	9,447	167.71	7,939	13,576
167.20	7,939	9,527	167.72	7,939	13,655
167.21	7,939	9,606	167.73	7,939	13,734
167.22	7,939	9,686	167.74	7,939	13,814
167.23	7,939	9,765	167.75	7,939	13,893
167.24	7,939	9,844	167.76	7,939	13,973
167.25	7,939	9,924	167.77	7,939	14,052
167.26	7,939	10,003	167.78	7,939	14,131
167.27	7,939	10,083	167.79	7,939	14,211
167.28	7,939	10,162	167.80	7,939	14,290
167.29	7,939	10,241	167.81	7,939	14,370
167.30	7,939	10,321	167.82	7,939	14,449
167.31	7,939	10,400	167.83	7,939	14,528
167.32	7,939	10,479	167.84	7,939	14,608
167.33	7,939	10,559	167.85	7,939	14,687
167.34	7,939	10,638	167.86	7,939	14,767
167.35	7,939	10,718	167.87	7,939	14,846
167.36	7,939	10,797	167.88	7,939	14,925
167.37	7,939	10,876	167.89	7,939	15,005
167.38	7,939	10,956	167.90	7,939	15,084
167.39	7,939	11,035	167.91	7,939	15,163
167.40	7,939	11,115	167.92	7,939	15,243
167.41	7,939	11,194	167.93	7,939	15,322
167.42	7,939	11,273	167.94	7,939	15,402
167.43	7,939	11,353	167.95	7,939	15,481
167.44	7,939	11,432	167.96	7,939	15,560
167.45	7,939	11,512	167.97	7,939	15,640
167.46	7,939	11,591	167.98	7,939	15,719
167.47	7,939	11,670	167.99	7,939	15,799
167.48	7,939	11,750	168.00	7,939	15,878
167.49	7,939	11,829	168.01	7,939	15,957
167.50	7,939	11,909	168.02	7,939	16,037
167.51	7,939	11,988	168.03	7,939	16,116
167.52	7,939	12,067	168.04	7,939	16,196
167.53	7,939	12,147	168.05	7,939	16,275
167.54	7,939	12,226	168.06	7,939	16,354
167.55	7,939	12,305	168.07	7,939	16,434

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,939	16,513	168.60	7,939	20,641
168.09	7,939	16,593	168.61	7,939	20,721
168.10	7,939	16,672	168.62	7,939	20,800
168.11	7,939	16,751	168.63	7,939	20,880
168.12	7,939	16,831	168.64	7,939	20,959
168.13	7,939	16,910	168.65	7,939	21,038
168.14	7,939	16,989	168.66	7,939	21,118
168.15	7,939	17,069	168.67	7,939	21,197
168.16	7,939	17,148	168.68	7,939	21,277
168.17	7,939	17,228	168.69	7,939	21,356
168.18	7,939	17,307	168.70	7,939	21,435
168.19	7,939	17,386	168.71	7,939	21,515
168.20	7,939	17,466	168.72	7,939	21,594
168.21	7,939	17,545	168.73	7,939	21,673
168.22	7,939	17,625	168.74	7,939	21,753
168.23	7,939	17,704	168.75	7,939	21,832
168.24	7,939	17,783	168.76	7,939	21,912
168.25	7,939	17,863	168.77	7,939	21,991
168.26	7,939	17,942	168.78	7,939	22,070
168.27	7,939	18,022	168.79	7,939	22,150
168.28	7,939	18,101	168.80	7,939	22,229
168.29	7,939	18,180	168.81	7,939	22,309
168.30	7,939	18,260	168.82	7,939	22,388
168.31	7,939	18,339	168.83	7,939	22,467
168.32	7,939	18,418	168.84	7,939	22,547
168.33	7,939	18,498	168.85	7,939	22,626
168.34	7,939	18,577	168.86	7,939	22,706
168.35	7,939	18,657	168.87	7,939	22,785
168.36	7,939	18,736	168.88	7,939	22,864
168.37	7,939	18,815	168.89	7,939	22,944
168.38	7,939	18,895	168.90	7,939	23,023
168.39	7,939	18,974	168.91	7,939	23,102
168.40	7,939	19,054	168.92	7,939	23,182
168.41	7,939	19,133	168.93	7,939	23,261
168.42	7,939	19,212	168.94	7,939	23,341
168.43	7,939	19,292	168.95	7,939	23,420
168.44	7,939	19,371	168.96	7,939	23,499
168.45	7,939	19,451	168.97	7,939	23,579
168.46	7,939	19,530	168.98	7,939	23,658
168.47	7,939	19,609	168.99	7,939	23,738
168.48	7,939	19,689	169.00	7,939	23,817
168.49	7,939	19,768	169.01	7,939	23,896
168.50	7,939	19,848	169.02	7,939	23,976
168.51	7,939	19,927	169.03	7,939	24,055
168.52	7,939	20,006	169.04	7,939	24,135
168.53	7,939	20,086	169.05	7,939	24,214
168.54	7,939	20,165	169.06	7,939	24,293
168.55	7,939	20,244	169.07	7,939	24,373
168.56	7,939	20,324	169.08	7,939	24,452
168.57	7,939	20,403	169.09	7,939	24,532
168.58	7,939	20,483	169.10	7,939	24,611
168.59	7,939	20,562	169.11	7,939	24,690

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,939	24,770	169.64	7,939	28,898
169.13	7,939	24,849	169.65	7,939	28,977
169.14	7,939	24,928	169.66	7,939	29,057
169.15	7,939	25,008	169.67	7,939	29,136
169.16	7,939	25,087	169.68	7,939	29,216
169.17	7,939	25,167	169.69	7,939	29,295
169.18	7,939	25,246	169.70	7,939	29,374
169.19	7,939	25,325	169.71	7,939	29,454
169.20	7,939	25,405	169.72	7,939	29,533
169.21	7,939	25,484	169.73	7,939	29,612
169.22	7,939	25,564	169.74	7,939	29,692
169.23	7,939	25,643	169.75	7,939	29,771
169.24	7,939	25,722	169.76	7,939	29,851
169.25	7,939	25,802	169.77	7,939	29,930
169.26	7,939	25,881	169.78	7,939	30,009
169.27	7,939	25,961	169.79	7,939	30,089
169.28	7,939	26,040	169.80	7,939	30,168
169.29	7,939	26,119	169.81	7,939	30,248
169.30	7,939	26,199	169.82	7,939	30,327
169.31	7,939	26,278	169.83	7,939	30,406
169.32	7,939	26,357	169.84	7,939	30,486
169.33	7,939	26,437	169.85	7,939	30,565
169.34	7,939	26,516	169.86	7,939	30,645
169.35	7,939	26,596	169.87	7,939	30,724
169.36	7,939	26,675	169.88	7,939	30,803
169.37	7,939	26,754	169.89	7,939	30,883
169.38	7,939	26,834	169.90	7,939	30,962
169.39	7,939	26,913	169.91	7,939	31,041
169.40	7,939	26,993	169.92	7,939	31,121
169.41	7,939	27,072	169.93	7,939	31,200
169.42	7,939	27,151	169.94	7,939	31,280
169.43	7,939	27,231	169.95	7,939	31,359
169.44	7,939	27,310	169.96	7,939	31,438
169.45	7,939	27,390	169.97	7,939	31,518
169.46	7,939	27,469	169.98	7,939	31,597
169.47	7,939	27,548	169.99	7,939	31,677
169.48	7,939	27,628	170.00	7,939	31,756
169.49	7,939	27,707			
169.50	7,939	27,787			
169.51	7,939	27,866			
169.52	7,939	27,945			
169.53	7,939	28,025			
169.54	7,939	28,104			
169.55	7,939	28,183			
169.56	7,939	28,263			
169.57	7,939	28,342			
169.58	7,939	28,422			
169.59	7,939	28,501			
169.60	7,939	28,580			
169.61	7,939	28,660			
169.62	7,939	28,739			
169.63	7,939	28,819			

Summary for Pond B-45: Basin #45

Inflow Area = 2.294 ac, 62.82% Impervious, Inflow Depth = 2.38" for Current 2 yr event
 Inflow = 6.40 cfs @ 12.11 hrs, Volume= 0.455 af
 Outflow = 0.80 cfs @ 12.70 hrs, Volume= 0.320 af, Atten= 87%, Lag= 35.4 min
 Primary = 0.80 cfs @ 12.70 hrs, Volume= 0.320 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 167.57' @ 12.70 hrs Surf.Area= 7,365 sf Storage= 11,535 cf

Plug-Flow detention time= 313.1 min calculated for 0.319 af (70% of inflow)
 Center-of-Mass det. time= 215.0 min (989.3 - 774.4)

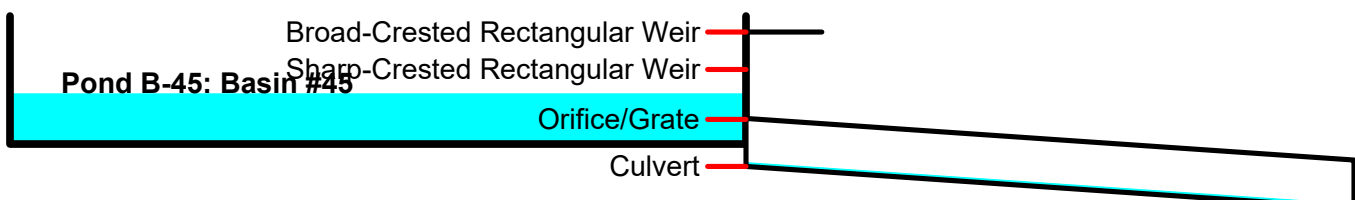
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	29,460 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,365	0	0
167.00	7,365	7,365	7,365
168.00	7,365	7,365	14,730
169.00	7,365	7,365	22,095
170.00	7,365	7,365	29,460

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0325 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.77'	6.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	168.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

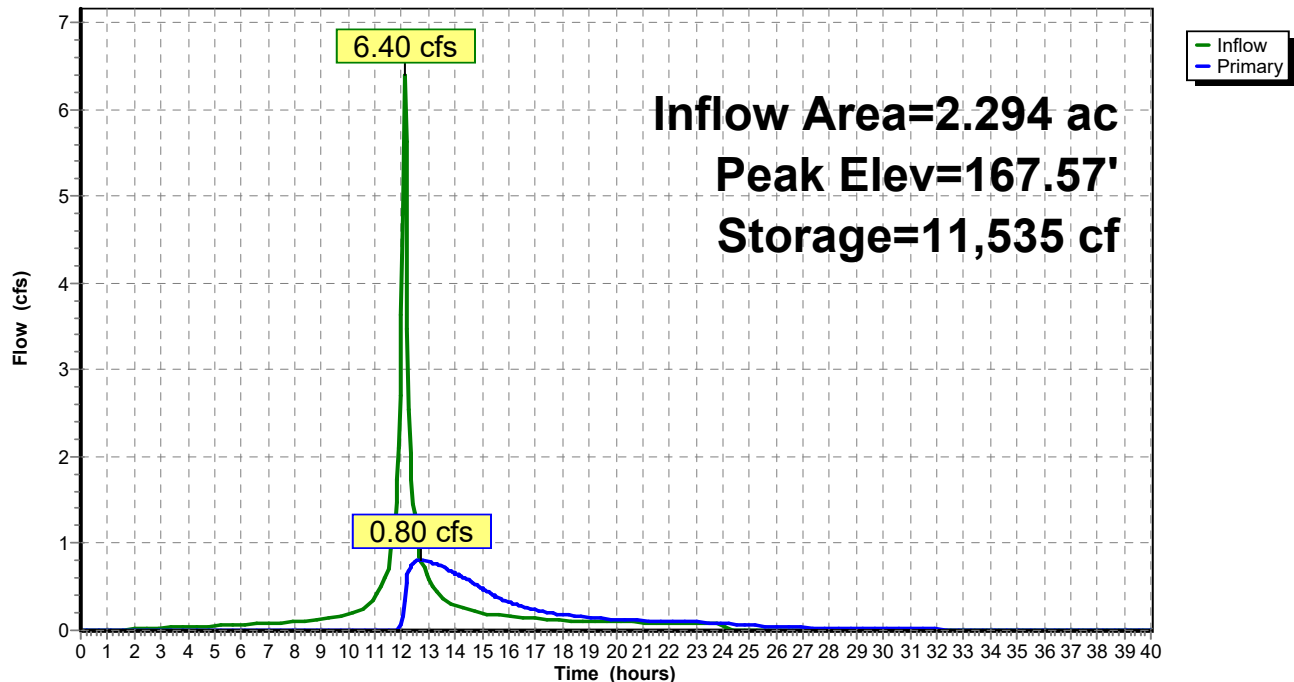
Primary OutFlow Max=0.80 cfs @ 12.70 hrs HW=167.57' (Free Discharge)

- 1=Culvert (Passes 0.80 cfs of 10.48 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.80 cfs @ 3.49 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-45: Basin #45

Hydrograph



Hydrograph for Pond B-45: Basin #45

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	0	166.00	0.00
1.10	0.00	0	166.00	0.00
1.20	0.00	0	166.00	0.00
1.30	0.00	0	166.00	0.00
1.40	0.00	2	166.00	0.00
1.50	0.01	3	166.00	0.00
1.60	0.01	6	166.00	0.00
1.70	0.01	9	166.00	0.00
1.80	0.01	13	166.00	0.00
1.90	0.01	17	166.00	0.00
2.00	0.01	22	166.00	0.00
2.10	0.02	28	166.00	0.00
2.20	0.02	34	166.00	0.00
2.30	0.02	41	166.01	0.00
2.40	0.02	48	166.01	0.00
2.50	0.02	56	166.01	0.00
2.60	0.02	64	166.01	0.00
2.70	0.03	73	166.01	0.00
2.80	0.03	82	166.01	0.00
2.90	0.03	92	166.01	0.00
3.00	0.03	103	166.01	0.00
3.10	0.03	113	166.02	0.00
3.20	0.03	125	166.02	0.00
3.30	0.03	136	166.02	0.00
3.40	0.03	149	166.02	0.00
3.50	0.04	161	166.02	0.00
3.60	0.04	174	166.02	0.00
3.70	0.04	188	166.03	0.00
3.80	0.04	201	166.03	0.00
3.90	0.04	216	166.03	0.00
4.00	0.04	230	166.03	0.00
4.10	0.04	245	166.03	0.00
4.20	0.04	261	166.04	0.00
4.30	0.04	277	166.04	0.00
4.40	0.05	293	166.04	0.00
4.50	0.05	309	166.04	0.00
4.60	0.05	326	166.04	0.00
4.70	0.05	344	166.05	0.00
4.80	0.05	361	166.05	0.00
4.90	0.05	379	166.05	0.00
5.00	0.05	397	166.05	0.00
5.10	0.05	416	166.06	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	435	166.06	0.00
5.30	0.05	454	166.06	0.00
5.40	0.05	474	166.06	0.00
5.50	0.06	494	166.07	0.00
5.60	0.06	514	166.07	0.00
5.70	0.06	535	166.07	0.00
5.80	0.06	556	166.08	0.00
5.90	0.06	577	166.08	0.00
6.00	0.06	598	166.08	0.00
6.10	0.06	620	166.08	0.00
6.20	0.06	643	166.09	0.00
6.30	0.07	666	166.09	0.00
6.40	0.07	690	166.09	0.00
6.50	0.07	715	166.10	0.00
6.60	0.07	740	166.10	0.00
6.70	0.07	767	166.10	0.00
6.80	0.08	794	166.11	0.00
6.90	0.08	821	166.11	0.00
7.00	0.08	850	166.12	0.00
7.10	0.08	879	166.12	0.00
7.20	0.08	909	166.12	0.00
7.30	0.09	939	166.13	0.00
7.40	0.09	971	166.13	0.00
7.50	0.09	1,003	166.14	0.00
7.60	0.09	1,036	166.14	0.00
7.70	0.09	1,069	166.15	0.00
7.80	0.10	1,104	166.15	0.00
7.90	0.10	1,139	166.15	0.00
8.00	0.10	1,175	166.16	0.00
8.10	0.10	1,212	166.16	0.00
8.20	0.11	1,249	166.17	0.00
8.30	0.11	1,287	166.17	0.00
8.40	0.11	1,326	166.18	0.00
8.50	0.11	1,366	166.19	0.00
8.60	0.11	1,407	166.19	0.00
8.70	0.12	1,448	166.20	0.00
8.80	0.12	1,490	166.20	0.00
8.90	0.12	1,533	166.21	0.00
9.00	0.12	1,577	166.21	0.00
9.10	0.13	1,622	166.22	0.00
9.20	0.13	1,669	166.23	0.00
9.30	0.14	1,719	166.23	0.00
9.40	0.15	1,771	166.24	0.00
9.50	0.16	1,826	166.25	0.00
9.60	0.16	1,883	166.26	0.00
9.70	0.17	1,943	166.26	0.00
9.80	0.18	2,006	166.27	0.00
9.90	0.19	2,071	166.28	0.00
10.00	0.19	2,139	166.29	0.00
10.10	0.20	2,210	166.30	0.00
10.20	0.21	2,283	166.31	0.00
10.30	0.21	2,359	166.32	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,438	166.33	0.00
10.50	0.23	2,519	166.34	0.00
10.60	0.25	2,605	166.35	0.00
10.70	0.28	2,700	166.37	0.00
10.80	0.31	2,806	166.38	0.00
10.90	0.34	2,923	166.40	0.00
11.00	0.37	3,051	166.41	0.00
11.10	0.42	3,193	166.43	0.00
11.20	0.48	3,354	166.46	0.00
11.30	0.54	3,537	166.48	0.00
11.40	0.60	3,742	166.51	0.00
11.50	0.66	3,968	166.54	0.00
11.60	0.96	4,250	166.58	0.00
11.70	1.11	4,625	166.63	0.00
11.80	1.48	5,081	166.69	0.00
11.90	2.10	5,715	166.78	0.00
12.00	3.64	6,710	166.91	0.06
12.10	6.36	8,405	167.14	0.35
12.20	3.48	10,117	167.37	0.64
12.30	2.03	10,823	167.47	0.73
12.40	1.46	11,181	167.52	0.77
12.50	1.30	11,393	167.55	0.79
12.60	0.93	11,516	167.56	0.80
12.70	0.80	11,535	167.57	0.80
12.80	0.73	11,522	167.56	0.80
12.90	0.67	11,485	167.56	0.80
13.00	0.60	11,427	167.55	0.79
13.10	0.53	11,346	167.54	0.78
13.20	0.49	11,248	167.53	0.77
13.30	0.45	11,140	167.51	0.76
13.40	0.41	11,024	167.50	0.75
13.50	0.38	10,899	167.48	0.74
13.60	0.34	10,765	167.46	0.72
13.70	0.32	10,628	167.44	0.70
13.80	0.31	10,492	167.42	0.69
13.90	0.30	10,359	167.41	0.67
14.00	0.29	10,229	167.39	0.65
14.10	0.28	10,100	167.37	0.64
14.20	0.28	9,975	167.35	0.62
14.30	0.27	9,852	167.34	0.60
14.40	0.26	9,731	167.32	0.59
14.50	0.25	9,613	167.31	0.57
14.60	0.24	9,497	167.29	0.56
14.70	0.23	9,383	167.27	0.54
14.80	0.22	9,272	167.26	0.52
14.90	0.21	9,165	167.24	0.50
15.00	0.20	9,061	167.23	0.48
15.10	0.19	8,960	167.22	0.46
15.20	0.18	8,864	167.20	0.44
15.30	0.18	8,774	167.19	0.42
15.40	0.18	8,689	167.18	0.41
15.50	0.18	8,609	167.17	0.39

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	8,534	167.16	0.38
15.70	0.17	8,463	167.15	0.36
15.80	0.17	8,397	167.14	0.35
15.90	0.17	8,334	167.13	0.33
16.00	0.16	8,275	167.12	0.32
16.10	0.16	8,219	167.12	0.31
16.20	0.16	8,167	167.11	0.30
16.30	0.16	8,117	167.10	0.29
16.40	0.15	8,069	167.10	0.28
16.50	0.15	8,024	167.09	0.27
16.60	0.15	7,981	167.08	0.26
16.70	0.15	7,940	167.08	0.26
16.80	0.14	7,901	167.07	0.25
16.90	0.14	7,864	167.07	0.24
17.00	0.14	7,828	167.06	0.23
17.10	0.13	7,794	167.06	0.23
17.20	0.13	7,761	167.05	0.22
17.30	0.13	7,729	167.05	0.22
17.40	0.13	7,699	167.05	0.21
17.50	0.12	7,669	167.04	0.20
17.60	0.12	7,641	167.04	0.20
17.70	0.12	7,613	167.03	0.19
17.80	0.12	7,586	167.03	0.19
17.90	0.11	7,560	167.03	0.19
18.00	0.11	7,534	167.02	0.18
18.10	0.11	7,509	167.02	0.18
18.20	0.11	7,485	167.02	0.17
18.30	0.11	7,462	167.01	0.17
18.40	0.11	7,440	167.01	0.17
18.50	0.11	7,420	167.01	0.16
18.60	0.10	7,400	167.00	0.16
18.70	0.10	7,381	167.00	0.15
18.80	0.10	7,364	167.00	0.15
18.90	0.10	7,346	167.00	0.15
19.00	0.10	7,330	167.00	0.15
19.10	0.10	7,314	166.99	0.14
19.20	0.10	7,299	166.99	0.14
19.30	0.10	7,285	166.99	0.14
19.40	0.10	7,271	166.99	0.14
19.50	0.10	7,258	166.99	0.14
19.60	0.10	7,245	166.98	0.13
19.70	0.10	7,232	166.98	0.13
19.80	0.10	7,220	166.98	0.13
19.90	0.10	7,209	166.98	0.13
20.00	0.10	7,198	166.98	0.13
20.10	0.10	7,187	166.98	0.12
20.20	0.09	7,176	166.97	0.12
20.30	0.09	7,166	166.97	0.12
20.40	0.09	7,156	166.97	0.12
20.50	0.09	7,147	166.97	0.12
20.60	0.09	7,138	166.97	0.12
20.70	0.09	7,129	166.97	0.12

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	7,120	166.97	0.11
20.90	0.09	7,111	166.97	0.11
21.00	0.09	7,103	166.96	0.11
21.10	0.09	7,095	166.96	0.11
21.20	0.09	7,087	166.96	0.11
21.30	0.09	7,080	166.96	0.11
21.40	0.09	7,072	166.96	0.11
21.50	0.09	7,065	166.96	0.11
21.60	0.09	7,058	166.96	0.11
21.70	0.08	7,051	166.96	0.10
21.80	0.08	7,044	166.96	0.10
21.90	0.08	7,037	166.96	0.10
22.00	0.08	7,030	166.95	0.10
22.10	0.08	7,023	166.95	0.10
22.20	0.08	7,017	166.95	0.10
22.30	0.08	7,010	166.95	0.10
22.40	0.08	7,004	166.95	0.10
22.50	0.08	6,997	166.95	0.10
22.60	0.08	6,991	166.95	0.10
22.70	0.08	6,984	166.95	0.10
22.80	0.08	6,978	166.95	0.09
22.90	0.08	6,972	166.95	0.09
23.00	0.08	6,966	166.95	0.09
23.10	0.08	6,960	166.94	0.09
23.20	0.07	6,954	166.94	0.09
23.30	0.07	6,947	166.94	0.09
23.40	0.07	6,942	166.94	0.09
23.50	0.07	6,936	166.94	0.09
23.60	0.07	6,930	166.94	0.09
23.70	0.07	6,924	166.94	0.09
23.80	0.07	6,918	166.94	0.09
23.90	0.07	6,912	166.94	0.09
24.00	0.08	6,909	166.94	0.09
24.10	0.02	6,898	166.94	0.08
24.20	0.00	6,870	166.93	0.08
24.30	0.00	6,842	166.93	0.08
24.40	0.00	6,815	166.93	0.07
24.50	0.00	6,789	166.92	0.07
24.60	0.00	6,764	166.92	0.07
24.70	0.00	6,740	166.92	0.06
24.80	0.00	6,717	166.91	0.06
24.90	0.00	6,695	166.91	0.06
25.00	0.00	6,674	166.91	0.06
25.10	0.00	6,653	166.90	0.06
25.20	0.00	6,634	166.90	0.05
25.30	0.00	6,615	166.90	0.05
25.40	0.00	6,596	166.90	0.05
25.50	0.00	6,579	166.89	0.05
25.60	0.00	6,562	166.89	0.05
25.70	0.00	6,545	166.89	0.04
25.80	0.00	6,530	166.89	0.04
25.90	0.00	6,515	166.88	0.04

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,500	166.88	0.04
26.10	0.00	6,486	166.88	0.04
26.20	0.00	6,472	166.88	0.04
26.30	0.00	6,459	166.88	0.04
26.40	0.00	6,446	166.88	0.04
26.50	0.00	6,434	166.87	0.03
26.60	0.00	6,422	166.87	0.03
26.70	0.00	6,410	166.87	0.03
26.80	0.00	6,398	166.87	0.03
26.90	0.00	6,387	166.87	0.03
27.00	0.00	6,376	166.87	0.03
27.10	0.00	6,365	166.86	0.03
27.20	0.00	6,355	166.86	0.03
27.30	0.00	6,345	166.86	0.03
27.40	0.00	6,335	166.86	0.03
27.50	0.00	6,326	166.86	0.03
27.60	0.00	6,316	166.86	0.03
27.70	0.00	6,307	166.86	0.02
27.80	0.00	6,298	166.86	0.02
27.90	0.00	6,290	166.85	0.02
28.00	0.00	6,281	166.85	0.02
28.10	0.00	6,273	166.85	0.02
28.20	0.00	6,265	166.85	0.02
28.30	0.00	6,258	166.85	0.02
28.40	0.00	6,250	166.85	0.02
28.50	0.00	6,243	166.85	0.02
28.60	0.00	6,236	166.85	0.02
28.70	0.00	6,229	166.85	0.02
28.80	0.00	6,222	166.84	0.02
28.90	0.00	6,216	166.84	0.02
29.00	0.00	6,209	166.84	0.02
29.10	0.00	6,203	166.84	0.02
29.20	0.00	6,197	166.84	0.02
29.30	0.00	6,191	166.84	0.02
29.40	0.00	6,186	166.84	0.02
29.50	0.00	6,180	166.84	0.02
29.60	0.00	6,174	166.84	0.02
29.70	0.00	6,169	166.84	0.01
29.80	0.00	6,164	166.84	0.01
29.90	0.00	6,158	166.84	0.01
30.00	0.00	6,153	166.84	0.01
30.10	0.00	6,148	166.83	0.01
30.20	0.00	6,143	166.83	0.01
30.30	0.00	6,138	166.83	0.01
30.40	0.00	6,133	166.83	0.01
30.50	0.00	6,129	166.83	0.01
30.60	0.00	6,124	166.83	0.01
30.70	0.00	6,119	166.83	0.01
30.80	0.00	6,115	166.83	0.01
30.90	0.00	6,110	166.83	0.01
31.00	0.00	6,106	166.83	0.01
31.10	0.00	6,101	166.83	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,097	166.83	0.01
31.30	0.00	6,093	166.83	0.01
31.40	0.00	6,089	166.83	0.01
31.50	0.00	6,085	166.83	0.01
31.60	0.00	6,080	166.83	0.01
31.70	0.00	6,077	166.83	0.01
31.80	0.00	6,073	166.82	0.01
31.90	0.00	6,069	166.82	0.01
32.00	0.00	6,065	166.82	0.01
32.10	0.00	6,061	166.82	0.01
32.20	0.00	6,058	166.82	0.01
32.30	0.00	6,054	166.82	0.01
32.40	0.00	6,050	166.82	0.01
32.50	0.00	6,047	166.82	0.01
32.60	0.00	6,043	166.82	0.01
32.70	0.00	6,040	166.82	0.01
32.80	0.00	6,037	166.82	0.01
32.90	0.00	6,033	166.82	0.01
33.00	0.00	6,030	166.82	0.01
33.10	0.00	6,027	166.82	0.01
33.20	0.00	6,024	166.82	0.01
33.30	0.00	6,021	166.82	0.01
33.40	0.00	6,018	166.82	0.01
33.50	0.00	6,015	166.82	0.01
33.60	0.00	6,012	166.82	0.01
33.70	0.00	6,009	166.82	0.01
33.80	0.00	6,006	166.82	0.01
33.90	0.00	6,003	166.82	0.01
34.00	0.00	6,000	166.81	0.01
34.10	0.00	5,998	166.81	0.01
34.20	0.00	5,995	166.81	0.01
34.30	0.00	5,992	166.81	0.01
34.40	0.00	5,990	166.81	0.01
34.50	0.00	5,987	166.81	0.01
34.60	0.00	5,985	166.81	0.01
34.70	0.00	5,982	166.81	0.01
34.80	0.00	5,980	166.81	0.01
34.90	0.00	5,977	166.81	0.01
35.00	0.00	5,975	166.81	0.01
35.10	0.00	5,972	166.81	0.01
35.20	0.00	5,970	166.81	0.01
35.30	0.00	5,968	166.81	0.01
35.40	0.00	5,966	166.81	0.01
35.50	0.00	5,963	166.81	0.01
35.60	0.00	5,961	166.81	0.01
35.70	0.00	5,959	166.81	0.01
35.80	0.00	5,957	166.81	0.01
35.90	0.00	5,955	166.81	0.01
36.00	0.00	5,953	166.81	0.01
36.10	0.00	5,951	166.81	0.01
36.20	0.00	5,949	166.81	0.01
36.30	0.00	5,947	166.81	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,945	166.81	0.01
36.50	0.00	5,943	166.81	0.01
36.60	0.00	5,941	166.81	0.01
36.70	0.00	5,940	166.81	0.01
36.80	0.00	5,938	166.81	0.00
36.90	0.00	5,936	166.81	0.00
37.00	0.00	5,934	166.81	0.00
37.10	0.00	5,933	166.81	0.00
37.20	0.00	5,931	166.81	0.00
37.30	0.00	5,929	166.81	0.00
37.40	0.00	5,928	166.80	0.00
37.50	0.00	5,926	166.80	0.00
37.60	0.00	5,924	166.80	0.00
37.70	0.00	5,923	166.80	0.00
37.80	0.00	5,921	166.80	0.00
37.90	0.00	5,920	166.80	0.00
38.00	0.00	5,918	166.80	0.00
38.10	0.00	5,917	166.80	0.00
38.20	0.00	5,915	166.80	0.00
38.30	0.00	5,914	166.80	0.00
38.40	0.00	5,913	166.80	0.00
38.50	0.00	5,911	166.80	0.00
38.60	0.00	5,910	166.80	0.00
38.70	0.00	5,909	166.80	0.00
38.80	0.00	5,907	166.80	0.00
38.90	0.00	5,906	166.80	0.00
39.00	0.00	5,905	166.80	0.00
39.10	0.00	5,903	166.80	0.00
39.20	0.00	5,902	166.80	0.00
39.30	0.00	5,901	166.80	0.00
39.40	0.00	5,900	166.80	0.00
39.50	0.00	5,899	166.80	0.00
39.60	0.00	5,897	166.80	0.00
39.70	0.00	5,896	166.80	0.00
39.80	0.00	5,895	166.80	0.00
39.90	0.00	5,894	166.80	0.00
40.00	0.00	5,893	166.80	0.00

Stage-Discharge for Pond B-45: Basin #45

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.20	167.56	0.80
166.01	0.00	166.53	0.00	167.05	0.22	167.57	0.81
166.02	0.00	166.54	0.00	167.06	0.23	167.58	0.81
166.03	0.00	166.55	0.00	167.07	0.24	167.59	0.82
166.04	0.00	166.56	0.00	167.08	0.26	167.60	0.83
166.05	0.00	166.57	0.00	167.09	0.27	167.61	0.84
166.06	0.00	166.58	0.00	167.10	0.29	167.62	0.84
166.07	0.00	166.59	0.00	167.11	0.30	167.63	0.85
166.08	0.00	166.60	0.00	167.12	0.32	167.64	0.86
166.09	0.00	166.61	0.00	167.13	0.33	167.65	0.87
166.10	0.00	166.62	0.00	167.14	0.35	167.66	0.87
166.11	0.00	166.63	0.00	167.15	0.36	167.67	0.88
166.12	0.00	166.64	0.00	167.16	0.38	167.68	0.89
166.13	0.00	166.65	0.00	167.17	0.39	167.69	0.89
166.14	0.00	166.66	0.00	167.18	0.41	167.70	0.90
166.15	0.00	166.67	0.00	167.19	0.42	167.71	0.91
166.16	0.00	166.68	0.00	167.20	0.44	167.72	0.91
166.17	0.00	166.69	0.00	167.21	0.45	167.73	0.92
166.18	0.00	166.70	0.00	167.22	0.47	167.74	0.93
166.19	0.00	166.71	0.00	167.23	0.48	167.75	0.93
166.20	0.00	166.72	0.00	167.24	0.50	167.76	0.94
166.21	0.00	166.73	0.00	167.25	0.51	167.77	0.95
166.22	0.00	166.74	0.00	167.26	0.52	167.78	0.95
166.23	0.00	166.75	0.00	167.27	0.54	167.79	0.96
166.24	0.00	166.76	0.00	167.28	0.55	167.80	0.97
166.25	0.00	166.77	0.00	167.29	0.56	167.81	0.97
166.26	0.00	166.78	0.00	167.30	0.57	167.82	0.98
166.27	0.00	166.79	0.00	167.31	0.58	167.83	0.99
166.28	0.00	166.80	0.00	167.32	0.59	167.84	0.99
166.29	0.00	166.81	0.01	167.33	0.60	167.85	1.00
166.30	0.00	166.82	0.01	167.34	0.61	167.86	1.00
166.31	0.00	166.83	0.01	167.35	0.62	167.87	1.01
166.32	0.00	166.84	0.02	167.36	0.63	167.88	1.02
166.33	0.00	166.85	0.02	167.37	0.64	167.89	1.02
166.34	0.00	166.86	0.03	167.38	0.65	167.90	1.03
166.35	0.00	166.87	0.03	167.39	0.66	167.91	1.03
166.36	0.00	166.88	0.04	167.40	0.66	167.92	1.04
166.37	0.00	166.89	0.04	167.41	0.67	167.93	1.05
166.38	0.00	166.90	0.05	167.42	0.68	167.94	1.05
166.39	0.00	166.91	0.06	167.43	0.69	167.95	1.06
166.40	0.00	166.92	0.07	167.44	0.70	167.96	1.06
166.41	0.00	166.93	0.08	167.45	0.71	167.97	1.07
166.42	0.00	166.94	0.09	167.46	0.72	167.98	1.08
166.43	0.00	166.95	0.10	167.47	0.73	167.99	1.08
166.44	0.00	166.96	0.11	167.48	0.74	168.00	1.09
166.45	0.00	166.97	0.12	167.49	0.74	168.01	1.09
166.46	0.00	166.98	0.13	167.50	0.75	168.02	1.10
166.47	0.00	166.99	0.14	167.51	0.76	168.03	1.10
166.48	0.00	167.00	0.15	167.52	0.77	168.04	1.11
166.49	0.00	167.01	0.16	167.53	0.78	168.05	1.11
166.50	0.00	167.02	0.18	167.54	0.78	168.06	1.12
166.51	0.00	167.03	0.19	167.55	0.79	168.07	1.13

Stage-Discharge for Pond B-45: Basin #45 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	1.13	168.60	3.20	169.12	10.42	169.64	22.29
168.09	1.14	168.61	3.30	169.13	10.59	169.65	22.99
168.10	1.14	168.62	3.41	169.14	10.76	169.66	23.71
168.11	1.15	168.63	3.52	169.15	10.93	169.67	24.46
168.12	1.15	168.64	3.63	169.16	11.10	169.68	25.22
168.13	1.16	168.65	3.74	169.17	11.27	169.69	26.01
168.14	1.16	168.66	3.85	169.18	11.44	169.70	26.82
168.15	1.17	168.67	3.97	169.19	11.61	169.71	27.69
168.16	1.17	168.68	4.08	169.20	11.78	169.72	28.58
168.17	1.18	168.69	4.20	169.21	11.96	169.73	29.50
168.18	1.18	168.70	4.32	169.22	12.13	169.74	30.45
168.19	1.19	168.71	4.44	169.23	12.31	169.75	31.42
168.20	1.19	168.72	4.56	169.24	12.48	169.76	32.42
168.21	1.20	168.73	4.68	169.25	12.66	169.77	33.44
168.22	1.20	168.74	4.81	169.26	12.84	169.78	34.48
168.23	1.21	168.75	4.94	169.27	13.02	169.79	35.55
168.24	1.22	168.76	5.06	169.28	13.20	169.80	36.65
168.25	1.22	168.77	5.19	169.29	13.38	169.81	37.76
168.26	1.23	168.78	5.32	169.30	13.56	169.82	38.91
168.27	1.23	168.79	5.45	169.31	13.74	169.83	40.08
168.28	1.24	168.80	5.59	169.32	13.92	169.84	41.27
168.29	1.24	168.81	5.72	169.33	14.10	169.85	42.48
168.30	1.25	168.82	5.86	169.34	14.29	169.86	43.72
168.31	1.25	168.83	5.99	169.35	14.47	169.87	44.99
168.32	1.25	168.84	6.13	169.36	14.66	169.88	46.28
168.33	1.26	168.85	6.27	169.37	14.84	169.89	47.59
168.34	1.28	168.86	6.41	169.38	15.03	169.90	48.93
168.35	1.31	168.87	6.55	169.39	15.22	169.91	50.31
168.36	1.34	168.88	6.69	169.40	15.41	169.92	51.73
168.37	1.38	168.89	6.84	169.41	15.60	169.93	53.17
168.38	1.43	168.90	6.98	169.42	15.62	169.94	54.63
168.39	1.48	168.91	7.13	169.43	15.64	169.95	56.12
168.40	1.53	168.92	7.27	169.44	15.67	169.96	57.64
168.41	1.59	168.93	7.42	169.45	15.69	169.97	59.19
168.42	1.65	168.94	7.57	169.46	15.71	169.98	60.76
168.43	1.72	168.95	7.72	169.47	15.74	169.99	62.35
168.44	1.79	168.96	7.87	169.48	15.76	170.00	63.98
168.45	1.86	168.97	8.02	169.49	15.78		
168.46	1.93	168.98	8.18	169.50	15.80		
168.47	2.01	168.99	8.33	169.51	15.94		
168.48	2.09	169.00	8.49	169.52	16.18		
168.49	2.17	169.01	8.64	169.53	16.48		
168.50	2.25	169.02	8.80	169.54	16.83		
168.51	2.33	169.03	8.96	169.55	17.23		
168.52	2.42	169.04	9.12	169.56	17.67		
168.53	2.51	169.05	9.28	169.57	18.14		
168.54	2.60	169.06	9.44	169.58	18.64		
168.55	2.70	169.07	9.60	169.59	19.18		
168.56	2.79	169.08	9.76	169.60	19.75		
168.57	2.89	169.09	9.93	169.61	20.35		
168.58	2.99	169.10	10.09	169.62	20.97		
168.59	3.09	169.11	10.26	169.63	21.62		

Stage-Area-Storage for Pond B-45: Basin #45

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,365	0	166.52	7,365	3,830
166.01	7,365	74	166.53	7,365	3,903
166.02	7,365	147	166.54	7,365	3,977
166.03	7,365	221	166.55	7,365	4,051
166.04	7,365	295	166.56	7,365	4,124
166.05	7,365	368	166.57	7,365	4,198
166.06	7,365	442	166.58	7,365	4,272
166.07	7,365	516	166.59	7,365	4,345
166.08	7,365	589	166.60	7,365	4,419
166.09	7,365	663	166.61	7,365	4,493
166.10	7,365	736	166.62	7,365	4,566
166.11	7,365	810	166.63	7,365	4,640
166.12	7,365	884	166.64	7,365	4,714
166.13	7,365	957	166.65	7,365	4,787
166.14	7,365	1,031	166.66	7,365	4,861
166.15	7,365	1,105	166.67	7,365	4,935
166.16	7,365	1,178	166.68	7,365	5,008
166.17	7,365	1,252	166.69	7,365	5,082
166.18	7,365	1,326	166.70	7,365	5,155
166.19	7,365	1,399	166.71	7,365	5,229
166.20	7,365	1,473	166.72	7,365	5,303
166.21	7,365	1,547	166.73	7,365	5,376
166.22	7,365	1,620	166.74	7,365	5,450
166.23	7,365	1,694	166.75	7,365	5,524
166.24	7,365	1,768	166.76	7,365	5,597
166.25	7,365	1,841	166.77	7,365	5,671
166.26	7,365	1,915	166.78	7,365	5,745
166.27	7,365	1,989	166.79	7,365	5,818
166.28	7,365	2,062	166.80	7,365	5,892
166.29	7,365	2,136	166.81	7,365	5,966
166.30	7,365	2,210	166.82	7,365	6,039
166.31	7,365	2,283	166.83	7,365	6,113
166.32	7,365	2,357	166.84	7,365	6,187
166.33	7,365	2,430	166.85	7,365	6,260
166.34	7,365	2,504	166.86	7,365	6,334
166.35	7,365	2,578	166.87	7,365	6,408
166.36	7,365	2,651	166.88	7,365	6,481
166.37	7,365	2,725	166.89	7,365	6,555
166.38	7,365	2,799	166.90	7,365	6,629
166.39	7,365	2,872	166.91	7,365	6,702
166.40	7,365	2,946	166.92	7,365	6,776
166.41	7,365	3,020	166.93	7,365	6,849
166.42	7,365	3,093	166.94	7,365	6,923
166.43	7,365	3,167	166.95	7,365	6,997
166.44	7,365	3,241	166.96	7,365	7,070
166.45	7,365	3,314	166.97	7,365	7,144
166.46	7,365	3,388	166.98	7,365	7,218
166.47	7,365	3,462	166.99	7,365	7,291
166.48	7,365	3,535	167.00	7,365	7,365
166.49	7,365	3,609	167.01	7,365	7,439
166.50	7,365	3,683	167.02	7,365	7,512
166.51	7,365	3,756	167.03	7,365	7,586

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,365	7,660	167.56	7,365	11,489
167.05	7,365	7,733	167.57	7,365	11,563
167.06	7,365	7,807	167.58	7,365	11,637
167.07	7,365	7,881	167.59	7,365	11,710
167.08	7,365	7,954	167.60	7,365	11,784
167.09	7,365	8,028	167.61	7,365	11,858
167.10	7,365	8,101	167.62	7,365	11,931
167.11	7,365	8,175	167.63	7,365	12,005
167.12	7,365	8,249	167.64	7,365	12,079
167.13	7,365	8,322	167.65	7,365	12,152
167.14	7,365	8,396	167.66	7,365	12,226
167.15	7,365	8,470	167.67	7,365	12,300
167.16	7,365	8,543	167.68	7,365	12,373
167.17	7,365	8,617	167.69	7,365	12,447
167.18	7,365	8,691	167.70	7,365	12,520
167.19	7,365	8,764	167.71	7,365	12,594
167.20	7,365	8,838	167.72	7,365	12,668
167.21	7,365	8,912	167.73	7,365	12,741
167.22	7,365	8,985	167.74	7,365	12,815
167.23	7,365	9,059	167.75	7,365	12,889
167.24	7,365	9,133	167.76	7,365	12,962
167.25	7,365	9,206	167.77	7,365	13,036
167.26	7,365	9,280	167.78	7,365	13,110
167.27	7,365	9,354	167.79	7,365	13,183
167.28	7,365	9,427	167.80	7,365	13,257
167.29	7,365	9,501	167.81	7,365	13,331
167.30	7,365	9,575	167.82	7,365	13,404
167.31	7,365	9,648	167.83	7,365	13,478
167.32	7,365	9,722	167.84	7,365	13,552
167.33	7,365	9,795	167.85	7,365	13,625
167.34	7,365	9,869	167.86	7,365	13,699
167.35	7,365	9,943	167.87	7,365	13,773
167.36	7,365	10,016	167.88	7,365	13,846
167.37	7,365	10,090	167.89	7,365	13,920
167.38	7,365	10,164	167.90	7,365	13,994
167.39	7,365	10,237	167.91	7,365	14,067
167.40	7,365	10,311	167.92	7,365	14,141
167.41	7,365	10,385	167.93	7,365	14,214
167.42	7,365	10,458	167.94	7,365	14,288
167.43	7,365	10,532	167.95	7,365	14,362
167.44	7,365	10,606	167.96	7,365	14,435
167.45	7,365	10,679	167.97	7,365	14,509
167.46	7,365	10,753	167.98	7,365	14,583
167.47	7,365	10,827	167.99	7,365	14,656
167.48	7,365	10,900	168.00	7,365	14,730
167.49	7,365	10,974	168.01	7,365	14,804
167.50	7,365	11,048	168.02	7,365	14,877
167.51	7,365	11,121	168.03	7,365	14,951
167.52	7,365	11,195	168.04	7,365	15,025
167.53	7,365	11,268	168.05	7,365	15,098
167.54	7,365	11,342	168.06	7,365	15,172
167.55	7,365	11,416	168.07	7,365	15,246

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,365	15,319	168.60	7,365	19,149
168.09	7,365	15,393	168.61	7,365	19,223
168.10	7,365	15,466	168.62	7,365	19,296
168.11	7,365	15,540	168.63	7,365	19,370
168.12	7,365	15,614	168.64	7,365	19,444
168.13	7,365	15,687	168.65	7,365	19,517
168.14	7,365	15,761	168.66	7,365	19,591
168.15	7,365	15,835	168.67	7,365	19,665
168.16	7,365	15,908	168.68	7,365	19,738
168.17	7,365	15,982	168.69	7,365	19,812
168.18	7,365	16,056	168.70	7,365	19,885
168.19	7,365	16,129	168.71	7,365	19,959
168.20	7,365	16,203	168.72	7,365	20,033
168.21	7,365	16,277	168.73	7,365	20,106
168.22	7,365	16,350	168.74	7,365	20,180
168.23	7,365	16,424	168.75	7,365	20,254
168.24	7,365	16,498	168.76	7,365	20,327
168.25	7,365	16,571	168.77	7,365	20,401
168.26	7,365	16,645	168.78	7,365	20,475
168.27	7,365	16,719	168.79	7,365	20,548
168.28	7,365	16,792	168.80	7,365	20,622
168.29	7,365	16,866	168.81	7,365	20,696
168.30	7,365	16,940	168.82	7,365	20,769
168.31	7,365	17,013	168.83	7,365	20,843
168.32	7,365	17,087	168.84	7,365	20,917
168.33	7,365	17,160	168.85	7,365	20,990
168.34	7,365	17,234	168.86	7,365	21,064
168.35	7,365	17,308	168.87	7,365	21,138
168.36	7,365	17,381	168.88	7,365	21,211
168.37	7,365	17,455	168.89	7,365	21,285
168.38	7,365	17,529	168.90	7,365	21,359
168.39	7,365	17,602	168.91	7,365	21,432
168.40	7,365	17,676	168.92	7,365	21,506
168.41	7,365	17,750	168.93	7,365	21,579
168.42	7,365	17,823	168.94	7,365	21,653
168.43	7,365	17,897	168.95	7,365	21,727
168.44	7,365	17,971	168.96	7,365	21,800
168.45	7,365	18,044	168.97	7,365	21,874
168.46	7,365	18,118	168.98	7,365	21,948
168.47	7,365	18,192	168.99	7,365	22,021
168.48	7,365	18,265	169.00	7,365	22,095
168.49	7,365	18,339	169.01	7,365	22,169
168.50	7,365	18,413	169.02	7,365	22,242
168.51	7,365	18,486	169.03	7,365	22,316
168.52	7,365	18,560	169.04	7,365	22,390
168.53	7,365	18,633	169.05	7,365	22,463
168.54	7,365	18,707	169.06	7,365	22,537
168.55	7,365	18,781	169.07	7,365	22,611
168.56	7,365	18,854	169.08	7,365	22,684
168.57	7,365	18,928	169.09	7,365	22,758
168.58	7,365	19,002	169.10	7,365	22,831
168.59	7,365	19,075	169.11	7,365	22,905

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,365	22,979	169.64	7,365	26,809
169.13	7,365	23,052	169.65	7,365	26,882
169.14	7,365	23,126	169.66	7,365	26,956
169.15	7,365	23,200	169.67	7,365	27,030
169.16	7,365	23,273	169.68	7,365	27,103
169.17	7,365	23,347	169.69	7,365	27,177
169.18	7,365	23,421	169.70	7,365	27,250
169.19	7,365	23,494	169.71	7,365	27,324
169.20	7,365	23,568	169.72	7,365	27,398
169.21	7,365	23,642	169.73	7,365	27,471
169.22	7,365	23,715	169.74	7,365	27,545
169.23	7,365	23,789	169.75	7,365	27,619
169.24	7,365	23,863	169.76	7,365	27,692
169.25	7,365	23,936	169.77	7,365	27,766
169.26	7,365	24,010	169.78	7,365	27,840
169.27	7,365	24,084	169.79	7,365	27,913
169.28	7,365	24,157	169.80	7,365	27,987
169.29	7,365	24,231	169.81	7,365	28,061
169.30	7,365	24,305	169.82	7,365	28,134
169.31	7,365	24,378	169.83	7,365	28,208
169.32	7,365	24,452	169.84	7,365	28,282
169.33	7,365	24,525	169.85	7,365	28,355
169.34	7,365	24,599	169.86	7,365	28,429
169.35	7,365	24,673	169.87	7,365	28,503
169.36	7,365	24,746	169.88	7,365	28,576
169.37	7,365	24,820	169.89	7,365	28,650
169.38	7,365	24,894	169.90	7,365	28,724
169.39	7,365	24,967	169.91	7,365	28,797
169.40	7,365	25,041	169.92	7,365	28,871
169.41	7,365	25,115	169.93	7,365	28,944
169.42	7,365	25,188	169.94	7,365	29,018
169.43	7,365	25,262	169.95	7,365	29,092
169.44	7,365	25,336	169.96	7,365	29,165
169.45	7,365	25,409	169.97	7,365	29,239
169.46	7,365	25,483	169.98	7,365	29,313
169.47	7,365	25,557	169.99	7,365	29,386
169.48	7,365	25,630	170.00	7,365	29,460
169.49	7,365	25,704			
169.50	7,365	25,778			
169.51	7,365	25,851			
169.52	7,365	25,925			
169.53	7,365	25,998			
169.54	7,365	26,072			
169.55	7,365	26,146			
169.56	7,365	26,219			
169.57	7,365	26,293			
169.58	7,365	26,367			
169.59	7,365	26,440			
169.60	7,365	26,514			
169.61	7,365	26,588			
169.62	7,365	26,661			
169.63	7,365	26,735			

Summary for Pond B-46A: Basin #46A

Inflow Area = 2.480 ac, 46.25% Impervious, Inflow Depth = 2.05" for Current 2 yr event
 Inflow = 6.73 cfs @ 12.08 hrs, Volume= 0.424 af
 Outflow = 0.63 cfs @ 12.91 hrs, Volume= 0.236 af, Atten= 91%, Lag= 49.5 min
 Primary = 0.63 cfs @ 12.91 hrs, Volume= 0.236 af
 Routed to Pond B-46B : Basin #46B

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.70' @ 12.91 hrs Surf.Area= 7,588 sf Storage= 11,147 cf

Plug-Flow detention time= 365.3 min calculated for 0.236 af (56% of inflow)
 Center-of-Mass det. time= 244.4 min (1,029.1 - 784.7)

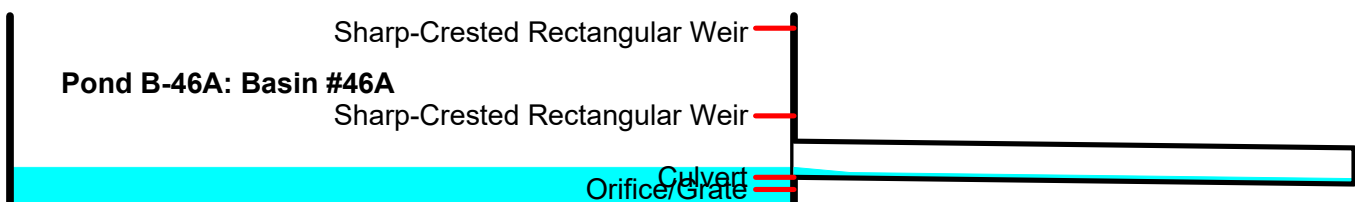
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	96,530 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,720	0	0
181.00	6,639	6,180	6,180
182.00	7,998	7,319	13,498
183.00	9,413	8,706	22,204
184.00	12,515	10,964	33,168
185.00	14,128	13,322	46,489
186.00	15,798	14,963	61,452
187.00	17,524	16,661	78,113
188.00	19,310	18,417	96,530

Device	Routing	Invert	Outlet Devices
#1	Primary	187.50'	50.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s) 0.5' Crest Height
#2	Device 1	180.77'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	183.84'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.28'	18.0" Round Culvert L= 56.0' Ke= 1.000 Inlet / Outlet Invert= 181.28' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf

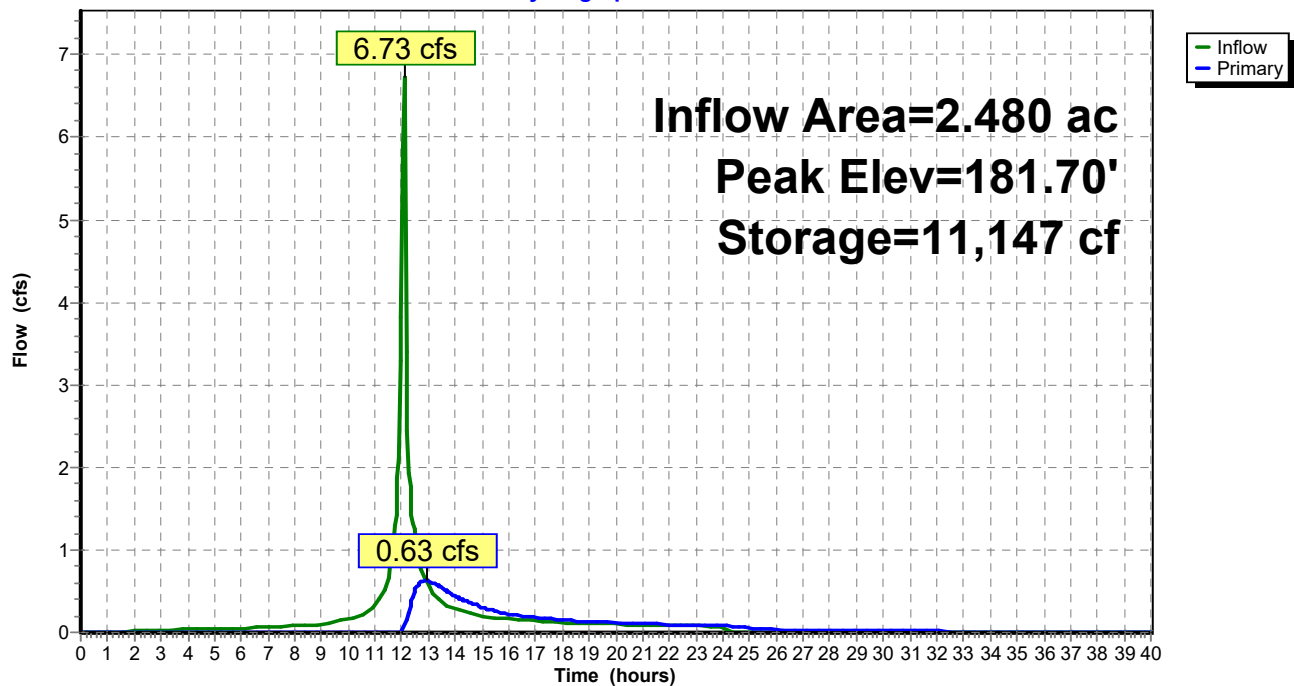
Primary OutFlow Max=0.62 cfs @ 12.91 hrs HW=181.70' (Free Discharge)

- 1=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Culvert (Barrel Controls 0.62 cfs @ 2.33 fps)



Pond B-46A: Basin #46A

Hydrograph



Hydrograph for Pond B-46A: Basin #46A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	1	180.00	0.00
1.40	0.00	2	180.00	0.00
1.50	0.01	4	180.00	0.00
1.60	0.01	6	180.00	0.00
1.70	0.01	9	180.00	0.00
1.80	0.01	12	180.00	0.00
1.90	0.01	16	180.00	0.00
2.00	0.01	20	180.00	0.00
2.10	0.01	24	180.00	0.00
2.20	0.01	30	180.01	0.00
2.30	0.02	35	180.01	0.00
2.40	0.02	41	180.01	0.00
2.50	0.02	48	180.01	0.00
2.60	0.02	54	180.01	0.00
2.70	0.02	62	180.01	0.00
2.80	0.02	69	180.01	0.00
2.90	0.02	77	180.01	0.00
3.00	0.02	86	180.01	0.00
3.10	0.02	95	180.02	0.00
3.20	0.03	104	180.02	0.00
3.30	0.03	113	180.02	0.00
3.40	0.03	123	180.02	0.00
3.50	0.03	133	180.02	0.00
3.60	0.03	144	180.02	0.00
3.70	0.03	155	180.03	0.00
3.80	0.03	166	180.03	0.00
3.90	0.03	177	180.03	0.00
4.00	0.03	189	180.03	0.00
4.10	0.03	201	180.03	0.00
4.20	0.03	214	180.04	0.00
4.30	0.04	226	180.04	0.00
4.40	0.04	239	180.04	0.00
4.50	0.04	253	180.04	0.00
4.60	0.04	266	180.05	0.00
4.70	0.04	280	180.05	0.00
4.80	0.04	294	180.05	0.00
4.90	0.04	309	180.05	0.00
5.00	0.04	323	180.06	0.00
5.10	0.04	338	180.06	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	354	180.06	0.00
5.30	0.04	369	180.06	0.00
5.40	0.04	385	180.07	0.00
5.50	0.04	401	180.07	0.00
5.60	0.05	417	180.07	0.00
5.70	0.05	434	180.08	0.00
5.80	0.05	450	180.08	0.00
5.90	0.05	467	180.08	0.00
6.00	0.05	485	180.08	0.00
6.10	0.05	502	180.09	0.00
6.20	0.05	520	180.09	0.00
6.30	0.05	539	180.09	0.00
6.40	0.05	559	180.10	0.00
6.50	0.06	579	180.10	0.00
6.60	0.06	599	180.10	0.00
6.70	0.06	620	180.11	0.00
6.80	0.06	642	180.11	0.00
6.90	0.06	664	180.11	0.00
7.00	0.06	687	180.12	0.00
7.10	0.07	711	180.12	0.00
7.20	0.07	735	180.13	0.00
7.30	0.07	759	180.13	0.00
7.40	0.07	785	180.14	0.00
7.50	0.07	811	180.14	0.00
7.60	0.07	837	180.14	0.00
7.70	0.08	864	180.15	0.00
7.80	0.08	892	180.15	0.00
7.90	0.08	920	180.16	0.00
8.00	0.08	949	180.16	0.00
8.10	0.08	979	180.17	0.00
8.20	0.08	1,009	180.17	0.00
8.30	0.09	1,039	180.18	0.00
8.40	0.09	1,071	180.18	0.00
8.50	0.09	1,103	180.19	0.00
8.60	0.09	1,135	180.20	0.00
8.70	0.09	1,169	180.20	0.00
8.80	0.09	1,202	180.21	0.00
8.90	0.10	1,237	180.21	0.00
9.00	0.10	1,272	180.22	0.00
9.10	0.10	1,308	180.22	0.00
9.20	0.11	1,347	180.23	0.00
9.30	0.12	1,388	180.24	0.00
9.40	0.12	1,430	180.25	0.00
9.50	0.13	1,475	180.25	0.00
9.60	0.13	1,522	180.26	0.00
9.70	0.14	1,570	180.27	0.00
9.80	0.14	1,621	180.28	0.00
9.90	0.15	1,674	180.29	0.00
10.00	0.16	1,729	180.30	0.00
10.10	0.16	1,787	180.30	0.00
10.20	0.17	1,846	180.31	0.00
10.30	0.17	1,907	180.32	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.18	1,971	180.34	0.00
10.50	0.19	2,037	180.35	0.00
10.60	0.21	2,108	180.36	0.00
10.70	0.23	2,188	180.37	0.00
10.80	0.26	2,277	180.39	0.00
10.90	0.28	2,376	180.40	0.00
11.00	0.31	2,484	180.42	0.00
11.10	0.36	2,608	180.44	0.00
11.20	0.41	2,749	180.46	0.00
11.30	0.47	2,910	180.49	0.00
11.40	0.52	3,090	180.52	0.00
11.50	0.58	3,290	180.55	0.00
11.60	0.91	3,574	180.60	0.00
11.70	1.00	3,920	180.65	0.00
11.80	1.43	4,373	180.72	0.00
11.90	2.10	5,027	180.82	0.00
12.00	3.83	6,153	181.00	0.00
12.10	6.52	8,146	181.29	0.00
12.20	2.44	9,539	181.48	0.16
12.30	1.77	10,181	181.57	0.31
12.40	1.32	10,581	181.62	0.43
12.50	1.25	10,868	181.66	0.53
12.60	0.82	11,020	181.68	0.58
12.70	0.77	11,091	181.69	0.61
12.80	0.71	11,133	181.70	0.62
12.90	0.64	11,148	181.70	0.63
13.00	0.57	11,138	181.70	0.62
13.10	0.51	11,108	181.69	0.61
13.20	0.47	11,065	181.69	0.60
13.30	0.44	11,016	181.68	0.58
13.40	0.40	10,961	181.67	0.56
13.50	0.36	10,900	181.67	0.54
13.60	0.33	10,834	181.66	0.52
13.70	0.32	10,768	181.65	0.49
13.80	0.31	10,707	181.64	0.47
13.90	0.30	10,650	181.63	0.45
14.00	0.29	10,596	181.63	0.44
14.10	0.28	10,545	181.62	0.42
14.20	0.27	10,496	181.61	0.40
14.30	0.26	10,450	181.61	0.39
14.40	0.25	10,406	181.60	0.37
14.50	0.24	10,363	181.59	0.36
14.60	0.23	10,320	181.59	0.35
14.70	0.22	10,279	181.58	0.34
14.80	0.22	10,238	181.58	0.33
14.90	0.21	10,197	181.57	0.32
15.00	0.20	10,157	181.57	0.30
15.10	0.19	10,118	181.56	0.29
15.20	0.18	10,080	181.56	0.28
15.30	0.18	10,045	181.55	0.27
15.40	0.18	10,013	181.55	0.27
15.50	0.18	9,982	181.54	0.26

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.17	9,954	181.54	0.25
15.70	0.17	9,927	181.54	0.24
15.80	0.17	9,902	181.53	0.24
15.90	0.17	9,879	181.53	0.23
16.00	0.16	9,857	181.53	0.22
16.10	0.16	9,836	181.52	0.22
16.20	0.16	9,816	181.52	0.21
16.30	0.16	9,797	181.52	0.21
16.40	0.15	9,778	181.51	0.20
16.50	0.15	9,760	181.51	0.20
16.60	0.15	9,742	181.51	0.20
16.70	0.15	9,725	181.51	0.19
16.80	0.14	9,707	181.51	0.19
16.90	0.14	9,691	181.50	0.19
17.00	0.14	9,674	181.50	0.18
17.10	0.14	9,658	181.50	0.18
17.20	0.13	9,642	181.50	0.18
17.30	0.13	9,626	181.49	0.17
17.40	0.13	9,610	181.49	0.17
17.50	0.12	9,595	181.49	0.17
17.60	0.12	9,580	181.49	0.16
17.70	0.12	9,565	181.49	0.16
17.80	0.12	9,550	181.48	0.16
17.90	0.11	9,535	181.48	0.15
18.00	0.11	9,521	181.48	0.15
18.10	0.11	9,506	181.48	0.15
18.20	0.11	9,492	181.48	0.15
18.30	0.11	9,479	181.47	0.14
18.40	0.11	9,466	181.47	0.14
18.50	0.11	9,455	181.47	0.14
18.60	0.11	9,443	181.47	0.14
18.70	0.11	9,433	181.47	0.13
18.80	0.10	9,423	181.47	0.13
18.90	0.10	9,413	181.46	0.13
19.00	0.10	9,404	181.46	0.13
19.10	0.10	9,395	181.46	0.13
19.20	0.10	9,387	181.46	0.12
19.30	0.10	9,379	181.46	0.12
19.40	0.10	9,371	181.46	0.12
19.50	0.10	9,364	181.46	0.12
19.60	0.10	9,357	181.46	0.12
19.70	0.10	9,350	181.46	0.12
19.80	0.10	9,344	181.46	0.12
19.90	0.10	9,338	181.45	0.11
20.00	0.10	9,332	181.45	0.11
20.10	0.10	9,326	181.45	0.11
20.20	0.10	9,320	181.45	0.11
20.30	0.09	9,315	181.45	0.11
20.40	0.09	9,309	181.45	0.11
20.50	0.09	9,304	181.45	0.11
20.60	0.09	9,299	181.45	0.11
20.70	0.09	9,294	181.45	0.11

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	9,290	181.45	0.10
20.90	0.09	9,285	181.45	0.10
21.00	0.09	9,280	181.45	0.10
21.10	0.09	9,276	181.45	0.10
21.20	0.09	9,271	181.45	0.10
21.30	0.09	9,267	181.44	0.10
21.40	0.09	9,263	181.44	0.10
21.50	0.09	9,259	181.44	0.10
21.60	0.09	9,255	181.44	0.10
21.70	0.09	9,251	181.44	0.10
21.80	0.09	9,247	181.44	0.10
21.90	0.08	9,243	181.44	0.10
22.00	0.08	9,239	181.44	0.09
22.10	0.08	9,235	181.44	0.09
22.20	0.08	9,232	181.44	0.09
22.30	0.08	9,228	181.44	0.09
22.40	0.08	9,224	181.44	0.09
22.50	0.08	9,220	181.44	0.09
22.60	0.08	9,216	181.44	0.09
22.70	0.08	9,212	181.44	0.09
22.80	0.08	9,208	181.44	0.09
22.90	0.08	9,204	181.44	0.09
23.00	0.08	9,199	181.44	0.09
23.10	0.08	9,195	181.43	0.09
23.20	0.08	9,191	181.43	0.09
23.30	0.08	9,186	181.43	0.09
23.40	0.08	9,182	181.43	0.09
23.50	0.07	9,178	181.43	0.09
23.60	0.07	9,173	181.43	0.09
23.70	0.07	9,169	181.43	0.09
23.80	0.07	9,164	181.43	0.08
23.90	0.07	9,159	181.43	0.08
24.00	0.08	9,159	181.43	0.08
24.10	0.00	9,140	181.43	0.08
24.20	0.00	9,111	181.42	0.08
24.30	0.00	9,084	181.42	0.07
24.40	0.00	9,058	181.42	0.07
24.50	0.00	9,033	181.41	0.07
24.60	0.00	9,008	181.41	0.07
24.70	0.00	8,985	181.41	0.06
24.80	0.00	8,963	181.40	0.06
24.90	0.00	8,942	181.40	0.06
25.00	0.00	8,922	181.40	0.05
25.10	0.00	8,903	181.39	0.05
25.20	0.00	8,885	181.39	0.05
25.30	0.00	8,867	181.39	0.05
25.40	0.00	8,850	181.39	0.05
25.50	0.00	8,834	181.38	0.04
25.60	0.00	8,819	181.38	0.04
25.70	0.00	8,804	181.38	0.04
25.80	0.00	8,790	181.38	0.04
25.90	0.00	8,777	181.38	0.04

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,764	181.37	0.03
26.10	0.00	8,751	181.37	0.03
26.20	0.00	8,740	181.37	0.03
26.30	0.00	8,728	181.37	0.03
26.40	0.00	8,718	181.37	0.03
26.50	0.00	8,707	181.37	0.03
26.60	0.00	8,697	181.37	0.03
26.70	0.00	8,688	181.36	0.03
26.80	0.00	8,679	181.36	0.02
26.90	0.00	8,670	181.36	0.02
27.00	0.00	8,662	181.36	0.02
27.10	0.00	8,654	181.36	0.02
27.20	0.00	8,646	181.36	0.02
27.30	0.00	8,639	181.36	0.02
27.40	0.00	8,631	181.36	0.02
27.50	0.00	8,624	181.36	0.02
27.60	0.00	8,616	181.35	0.02
27.70	0.00	8,609	181.35	0.02
27.80	0.00	8,602	181.35	0.02
27.90	0.00	8,595	181.35	0.02
28.00	0.00	8,588	181.35	0.02
28.10	0.00	8,581	181.35	0.02
28.20	0.00	8,574	181.35	0.02
28.30	0.00	8,568	181.35	0.02
28.40	0.00	8,561	181.35	0.02
28.50	0.00	8,555	181.35	0.02
28.60	0.00	8,548	181.34	0.02
28.70	0.00	8,542	181.34	0.02
28.80	0.00	8,536	181.34	0.02
28.90	0.00	8,530	181.34	0.02
29.00	0.00	8,524	181.34	0.02
29.10	0.00	8,518	181.34	0.02
29.20	0.00	8,512	181.34	0.02
29.30	0.00	8,506	181.34	0.02
29.40	0.00	8,500	181.34	0.02
29.50	0.00	8,495	181.34	0.02
29.60	0.00	8,489	181.34	0.02
29.70	0.00	8,484	181.34	0.02
29.80	0.00	8,478	181.33	0.01
29.90	0.00	8,473	181.33	0.01
30.00	0.00	8,468	181.33	0.01
30.10	0.00	8,462	181.33	0.01
30.20	0.00	8,457	181.33	0.01
30.30	0.00	8,452	181.33	0.01
30.40	0.00	8,447	181.33	0.01
30.50	0.00	8,442	181.33	0.01
30.60	0.00	8,437	181.33	0.01
30.70	0.00	8,433	181.33	0.01
30.80	0.00	8,428	181.33	0.01
30.90	0.00	8,423	181.33	0.01
31.00	0.00	8,419	181.33	0.01
31.10	0.00	8,414	181.33	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,410	181.32	0.01
31.30	0.00	8,405	181.32	0.01
31.40	0.00	8,401	181.32	0.01
31.50	0.00	8,397	181.32	0.01
31.60	0.00	8,393	181.32	0.01
31.70	0.00	8,388	181.32	0.01
31.80	0.00	8,384	181.32	0.01
31.90	0.00	8,380	181.32	0.01
32.00	0.00	8,376	181.32	0.01
32.10	0.00	8,372	181.32	0.01
32.20	0.00	8,369	181.32	0.01
32.30	0.00	8,365	181.32	0.01
32.40	0.00	8,361	181.32	0.01
32.50	0.00	8,357	181.32	0.01
32.60	0.00	8,354	181.32	0.01
32.70	0.00	8,350	181.32	0.01
32.80	0.00	8,346	181.32	0.01
32.90	0.00	8,343	181.32	0.01
33.00	0.00	8,339	181.32	0.01
33.10	0.00	8,336	181.31	0.01
33.20	0.00	8,333	181.31	0.01
33.30	0.00	8,329	181.31	0.01
33.40	0.00	8,326	181.31	0.01
33.50	0.00	8,323	181.31	0.01
33.60	0.00	8,320	181.31	0.01
33.70	0.00	8,316	181.31	0.01
33.80	0.00	8,313	181.31	0.01
33.90	0.00	8,310	181.31	0.01
34.00	0.00	8,307	181.31	0.01
34.10	0.00	8,304	181.31	0.01
34.20	0.00	8,301	181.31	0.01
34.30	0.00	8,298	181.31	0.01
34.40	0.00	8,296	181.31	0.01
34.50	0.00	8,293	181.31	0.01
34.60	0.00	8,290	181.31	0.01
34.70	0.00	8,287	181.31	0.01
34.80	0.00	8,285	181.31	0.01
34.90	0.00	8,282	181.31	0.01
35.00	0.00	8,279	181.31	0.01
35.10	0.00	8,277	181.31	0.01
35.20	0.00	8,274	181.31	0.01
35.30	0.00	8,272	181.31	0.01
35.40	0.00	8,269	181.31	0.01
35.50	0.00	8,267	181.30	0.01
35.60	0.00	8,264	181.30	0.01
35.70	0.00	8,262	181.30	0.01
35.80	0.00	8,260	181.30	0.01
35.90	0.00	8,257	181.30	0.01
36.00	0.00	8,255	181.30	0.01
36.10	0.00	8,253	181.30	0.01
36.20	0.00	8,250	181.30	0.01
36.30	0.00	8,248	181.30	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,246	181.30	0.01
36.50	0.00	8,244	181.30	0.01
36.60	0.00	8,242	181.30	0.01
36.70	0.00	8,240	181.30	0.01
36.80	0.00	8,238	181.30	0.01
36.90	0.00	8,236	181.30	0.01
37.00	0.00	8,234	181.30	0.01
37.10	0.00	8,232	181.30	0.01
37.20	0.00	8,230	181.30	0.01
37.30	0.00	8,228	181.30	0.01
37.40	0.00	8,226	181.30	0.01
37.50	0.00	8,224	181.30	0.01
37.60	0.00	8,222	181.30	0.01
37.70	0.00	8,221	181.30	0.00
37.80	0.00	8,219	181.30	0.00
37.90	0.00	8,217	181.30	0.00
38.00	0.00	8,215	181.30	0.00
38.10	0.00	8,214	181.30	0.00
38.20	0.00	8,212	181.30	0.00
38.30	0.00	8,210	181.30	0.00
38.40	0.00	8,209	181.30	0.00
38.50	0.00	8,207	181.30	0.00
38.60	0.00	8,205	181.30	0.00
38.70	0.00	8,204	181.30	0.00
38.80	0.00	8,202	181.30	0.00
38.90	0.00	8,201	181.30	0.00
39.00	0.00	8,199	181.30	0.00
39.10	0.00	8,198	181.29	0.00
39.20	0.00	8,196	181.29	0.00
39.30	0.00	8,195	181.29	0.00
39.40	0.00	8,193	181.29	0.00
39.50	0.00	8,192	181.29	0.00
39.60	0.00	8,191	181.29	0.00
39.70	0.00	8,189	181.29	0.00
39.80	0.00	8,188	181.29	0.00
39.90	0.00	8,187	181.29	0.00
40.00	0.00	8,185	181.29	0.00

Stage-Discharge for Pond B-46A: Basin #46A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.29
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.31
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.33
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.35
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.37
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.40
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.42
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.44
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.47
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.49
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.52
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.55
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.57
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.60
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.63
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.66
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.69
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.72
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.75
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.78
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.81
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.84
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.87
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.91
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.94
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.97
180.26	0.00	180.78	0.00	181.30	0.00	181.82	1.01
180.27	0.00	180.79	0.00	181.31	0.00	181.83	1.04
180.28	0.00	180.80	0.00	181.32	0.00	181.84	1.08
180.29	0.00	180.81	0.00	181.33	0.01	181.85	1.11
180.30	0.00	180.82	0.00	181.34	0.01	181.86	1.15
180.31	0.00	180.83	0.00	181.35	0.02	181.87	1.18
180.32	0.00	180.84	0.00	181.36	0.02	181.88	1.22
180.33	0.00	180.85	0.00	181.37	0.03	181.89	1.26
180.34	0.00	180.86	0.00	181.38	0.03	181.90	1.29
180.35	0.00	180.87	0.00	181.39	0.04	181.91	1.33
180.36	0.00	180.88	0.00	181.40	0.05	181.92	1.37
180.37	0.00	180.89	0.00	181.41	0.06	181.93	1.41
180.38	0.00	180.90	0.00	181.42	0.07	181.94	1.45
180.39	0.00	180.91	0.00	181.43	0.08	181.95	1.49
180.40	0.00	180.92	0.00	181.44	0.09	181.96	1.53
180.41	0.00	180.93	0.00	181.45	0.11	181.97	1.57
180.42	0.00	180.94	0.00	181.46	0.12	181.98	1.61
180.43	0.00	180.95	0.00	181.47	0.13	181.99	1.65
180.44	0.00	180.96	0.00	181.48	0.15	182.00	1.69
180.45	0.00	180.97	0.00	181.49	0.16	182.01	1.73
180.46	0.00	180.98	0.00	181.50	0.18	182.02	1.77
180.47	0.00	180.99	0.00	181.51	0.19	182.03	1.82
180.48	0.00	181.00	0.00	181.52	0.21	182.04	1.86
180.49	0.00	181.01	0.00	181.53	0.23	182.05	1.90
180.50	0.00	181.02	0.00	181.54	0.25	182.06	1.95
180.51	0.00	181.03	0.00	181.55	0.27	182.07	1.99

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	2.03	182.60	4.60	183.12	6.66	183.64	8.10
182.09	2.08	182.61	4.65	183.13	6.69	183.65	8.12
182.10	2.12	182.62	4.71	183.14	6.72	183.66	8.15
182.11	2.17	182.63	4.76	183.15	6.75	183.67	8.17
182.12	2.21	182.64	4.81	183.16	6.78	183.68	8.20
182.13	2.26	182.65	4.86	183.17	6.81	183.69	8.22
182.14	2.30	182.66	4.91	183.18	6.84	183.70	8.25
182.15	2.35	182.67	4.96	183.19	6.87	183.71	8.27
182.16	2.40	182.68	5.01	183.20	6.90	183.72	8.30
182.17	2.44	182.69	5.07	183.21	6.93	183.73	8.32
182.18	2.49	182.70	5.12	183.22	6.96	183.74	8.34
182.19	2.54	182.71	5.17	183.23	6.99	183.75	8.37
182.20	2.58	182.72	5.22	183.24	7.02	183.76	8.39
182.21	2.63	182.73	5.27	183.25	7.05	183.77	8.42
182.22	2.68	182.74	5.32	183.26	7.08	183.78	8.44
182.23	2.73	182.75	5.37	183.27	7.11	183.79	8.47
182.24	2.77	182.76	5.42	183.28	7.13	183.80	8.49
182.25	2.82	182.77	5.47	183.29	7.16	183.81	8.51
182.26	2.87	182.78	5.52	183.30	7.19	183.82	8.54
182.27	2.92	182.79	5.56	183.31	7.22	183.83	8.56
182.28	2.97	182.80	5.60	183.32	7.25	183.84	8.59
182.29	3.02	182.81	5.64	183.33	7.28	183.85	8.61
182.30	3.07	182.82	5.67	183.34	7.30	183.86	8.63
182.31	3.12	182.83	5.71	183.35	7.33	183.87	8.66
182.32	3.17	182.84	5.74	183.36	7.36	183.88	8.68
182.33	3.22	182.85	5.78	183.37	7.39	183.89	8.70
182.34	3.27	182.86	5.81	183.38	7.41	183.90	8.73
182.35	3.32	182.87	5.85	183.39	7.44	183.91	8.75
182.36	3.37	182.88	5.88	183.40	7.47	183.92	8.77
182.37	3.42	182.89	5.92	183.41	7.50	183.93	8.80
182.38	3.47	182.90	5.95	183.42	7.52	183.94	8.82
182.39	3.52	182.91	5.99	183.43	7.55	183.95	8.84
182.40	3.57	182.92	6.02	183.44	7.58	183.96	8.87
182.41	3.62	182.93	6.05	183.45	7.60	183.97	8.89
182.42	3.67	182.94	6.09	183.46	7.63	183.98	8.91
182.43	3.72	182.95	6.12	183.47	7.66	183.99	8.93
182.44	3.77	182.96	6.15	183.48	7.68	184.00	8.96
182.45	3.83	182.97	6.19	183.49	7.71	184.01	8.98
182.46	3.88	182.98	6.22	183.50	7.74	184.02	9.00
182.47	3.93	182.99	6.25	183.51	7.76	184.03	9.02
182.48	3.98	183.00	6.29	183.52	7.79	184.04	9.05
182.49	4.03	183.01	6.32	183.53	7.82	184.05	9.07
182.50	4.08	183.02	6.35	183.54	7.84	184.06	9.09
182.51	4.13	183.03	6.38	183.55	7.87	184.07	9.11
182.52	4.19	183.04	6.41	183.56	7.89	184.08	9.14
182.53	4.24	183.05	6.45	183.57	7.92	184.09	9.16
182.54	4.29	183.06	6.48	183.58	7.94	184.10	9.18
182.55	4.34	183.07	6.51	183.59	7.97	184.11	9.20
182.56	4.39	183.08	6.54	183.60	8.00	184.12	9.23
182.57	4.45	183.09	6.57	183.61	8.02	184.13	9.25
182.58	4.50	183.10	6.60	183.62	8.05	184.14	9.27
182.59	4.55	183.11	6.63	183.63	8.07	184.15	9.29

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	9.31	184.68	10.39	185.20	11.36	185.72	12.26
184.17	9.34	184.69	10.41	185.21	11.38	185.73	12.28
184.18	9.36	184.70	10.43	185.22	11.40	185.74	12.29
184.19	9.38	184.71	10.45	185.23	11.42	185.75	12.31
184.20	9.40	184.72	10.47	185.24	11.43	185.76	12.32
184.21	9.42	184.73	10.49	185.25	11.45	185.77	12.34
184.22	9.44	184.74	10.51	185.26	11.47	185.78	12.36
184.23	9.47	184.75	10.52	185.27	11.49	185.79	12.37
184.24	9.49	184.76	10.54	185.28	11.50	185.80	12.39
184.25	9.51	184.77	10.56	185.29	11.52	185.81	12.41
184.26	9.53	184.78	10.58	185.30	11.54	185.82	12.42
184.27	9.55	184.79	10.60	185.31	11.56	185.83	12.44
184.28	9.57	184.80	10.62	185.32	11.58	185.84	12.46
184.29	9.59	184.81	10.64	185.33	11.59	185.85	12.47
184.30	9.61	184.82	10.66	185.34	11.61	185.86	12.49
184.31	9.64	184.83	10.68	185.35	11.63	185.87	12.51
184.32	9.66	184.84	10.70	185.36	11.65	185.88	12.52
184.33	9.68	184.85	10.72	185.37	11.66	185.89	12.54
184.34	9.70	184.86	10.74	185.38	11.68	185.90	12.55
184.35	9.72	184.87	10.75	185.39	11.70	185.91	12.57
184.36	9.74	184.88	10.77	185.40	11.72	185.92	12.59
184.37	9.76	184.89	10.79	185.41	11.73	185.93	12.60
184.38	9.78	184.90	10.81	185.42	11.75	185.94	12.62
184.39	9.80	184.91	10.83	185.43	11.77	185.95	12.63
184.40	9.82	184.92	10.85	185.44	11.78	185.96	12.65
184.41	9.85	184.93	10.87	185.45	11.80	185.97	12.67
184.42	9.87	184.94	10.89	185.46	11.82	185.98	12.68
184.43	9.89	184.95	10.90	185.47	11.84	185.99	12.70
184.44	9.91	184.96	10.92	185.48	11.85	186.00	12.72
184.45	9.93	184.97	10.94	185.49	11.87	186.01	12.73
184.46	9.95	184.98	10.96	185.50	11.89	186.02	12.75
184.47	9.97	184.99	10.98	185.51	11.90	186.03	12.76
184.48	9.99	185.00	11.00	185.52	11.92	186.04	12.78
184.49	10.01	185.01	11.02	185.53	11.94	186.05	12.80
184.50	10.03	185.02	11.03	185.54	11.96	186.06	12.81
184.51	10.05	185.03	11.05	185.55	11.97	186.07	12.83
184.52	10.07	185.04	11.07	185.56	11.99	186.08	12.84
184.53	10.09	185.05	11.09	185.57	12.01	186.09	12.86
184.54	10.11	185.06	11.11	185.58	12.02	186.10	12.87
184.55	10.13	185.07	11.13	185.59	12.04	186.11	12.89
184.56	10.15	185.08	11.14	185.60	12.06	186.12	12.91
184.57	10.17	185.09	11.16	185.61	12.07	186.13	12.92
184.58	10.19	185.10	11.18	185.62	12.09	186.14	12.94
184.59	10.21	185.11	11.20	185.63	12.11	186.15	12.95
184.60	10.23	185.12	11.22	185.64	12.12	186.16	12.97
184.61	10.25	185.13	11.24	185.65	12.14	186.17	12.98
184.62	10.27	185.14	11.25	185.66	12.16	186.18	13.00
184.63	10.29	185.15	11.27	185.67	12.18	186.19	13.02
184.64	10.31	185.16	11.29	185.68	12.19	186.20	13.03
184.65	10.33	185.17	11.31	185.69	12.21	186.21	13.05
184.66	10.35	185.18	11.33	185.70	12.23	186.22	13.06
184.67	10.37	185.19	11.34	185.71	12.24	186.23	13.08

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	13.09	186.76	13.88	187.28	14.62	187.80	44.13
186.25	13.11	186.77	13.89	187.29	14.64	187.81	45.67
186.26	13.12	186.78	13.91	187.30	14.65	187.82	47.23
186.27	13.14	186.79	13.92	187.31	14.66	187.83	48.82
186.28	13.16	186.80	13.94	187.32	14.68	187.84	50.44
186.29	13.17	186.81	13.95	187.33	14.69	187.85	52.10
186.30	13.19	186.82	13.97	187.34	14.71	187.86	53.78
186.31	13.20	186.83	13.98	187.35	14.72	187.87	54.55
186.32	13.22	186.84	14.00	187.36	14.73	187.88	55.04
186.33	13.23	186.85	14.01	187.37	14.75	187.89	55.53
186.34	13.25	186.86	14.02	187.38	14.76	187.90	56.02
186.35	13.26	186.87	14.04	187.39	14.77	187.91	56.49
186.36	13.28	186.88	14.05	187.40	14.79	187.92	56.97
186.37	13.29	186.89	14.07	187.41	14.80	187.93	57.44
186.38	13.31	186.90	14.08	187.42	14.82	187.94	57.90
186.39	13.33	186.91	14.10	187.43	14.83	187.95	58.36
186.40	13.34	186.92	14.11	187.44	14.84	187.96	58.82
186.41	13.36	186.93	14.13	187.45	14.86	187.97	59.27
186.42	13.37	186.94	14.14	187.46	14.87	187.98	59.72
186.43	13.39	186.95	14.16	187.47	14.88	187.99	60.17
186.44	13.40	186.96	14.17	187.48	14.90	188.00	60.62
186.45	13.42	186.97	14.18	187.49	14.91		
186.46	13.43	186.98	14.20	187.50	14.93		
186.47	13.45	186.99	14.21	187.51	15.10		
186.48	13.46	187.00	14.23	187.52	15.42		
186.49	13.48	187.01	14.24	187.53	15.82		
186.50	13.49	187.02	14.26	187.54	16.30		
186.51	13.51	187.03	14.27	187.55	16.84		
186.52	13.52	187.04	14.28	187.56	17.44		
186.53	13.54	187.05	14.30	187.57	18.10		
186.54	13.55	187.06	14.31	187.58	18.80		
186.55	13.57	187.07	14.33	187.59	19.56		
186.56	13.58	187.08	14.34	187.60	20.36		
186.57	13.60	187.09	14.35	187.61	21.20		
186.58	13.61	187.10	14.37	187.62	22.08		
186.59	13.63	187.11	14.38	187.63	23.00		
186.60	13.64	187.12	14.40	187.64	23.97		
186.61	13.66	187.13	14.41	187.65	24.97		
186.62	13.67	187.14	14.43	187.66	26.01		
186.63	13.69	187.15	14.44	187.67	27.08		
186.64	13.70	187.16	14.45	187.68	28.20		
186.65	13.72	187.17	14.47	187.69	29.34		
186.66	13.73	187.18	14.48	187.70	30.52		
186.67	13.75	187.19	14.50	187.71	31.74		
186.68	13.76	187.20	14.51	187.72	32.99		
186.69	13.78	187.21	14.52	187.73	34.27		
186.70	13.79	187.22	14.54	187.74	35.58		
186.71	13.81	187.23	14.55	187.75	36.93		
186.72	13.82	187.24	14.57	187.76	38.31		
186.73	13.83	187.25	14.58	187.77	39.72		
186.74	13.85	187.26	14.59	187.78	41.16		
186.75	13.86	187.27	14.61	187.79	42.63		

Stage-Area-Storage for Pond B-46A: Basin #46A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,720	0	180.52	6,198	3,099
180.01	5,729	57	180.53	6,207	3,161
180.02	5,738	115	180.54	6,216	3,223
180.03	5,748	172	180.55	6,225	3,285
180.04	5,757	230	180.56	6,235	3,347
180.05	5,766	287	180.57	6,244	3,410
180.06	5,775	345	180.58	6,253	3,472
180.07	5,784	403	180.59	6,262	3,535
180.08	5,794	461	180.60	6,271	3,597
180.09	5,803	519	180.61	6,281	3,660
180.10	5,812	577	180.62	6,290	3,723
180.11	5,821	635	180.63	6,299	3,786
180.12	5,830	693	180.64	6,308	3,849
180.13	5,839	751	180.65	6,317	3,912
180.14	5,849	810	180.66	6,327	3,975
180.15	5,858	868	180.67	6,336	4,039
180.16	5,867	927	180.68	6,345	4,102
180.17	5,876	986	180.69	6,354	4,166
180.18	5,885	1,044	180.70	6,363	4,229
180.19	5,895	1,103	180.71	6,372	4,293
180.20	5,904	1,162	180.72	6,382	4,357
180.21	5,913	1,221	180.73	6,391	4,420
180.22	5,922	1,281	180.74	6,400	4,484
180.23	5,931	1,340	180.75	6,409	4,548
180.24	5,941	1,399	180.76	6,418	4,613
180.25	5,950	1,459	180.77	6,428	4,677
180.26	5,959	1,518	180.78	6,437	4,741
180.27	5,968	1,578	180.79	6,446	4,806
180.28	5,977	1,638	180.80	6,455	4,870
180.29	5,987	1,697	180.81	6,464	4,935
180.30	5,996	1,757	180.82	6,474	4,999
180.31	6,005	1,817	180.83	6,483	5,064
180.32	6,014	1,877	180.84	6,492	5,129
180.33	6,023	1,938	180.85	6,501	5,194
180.34	6,032	1,998	180.86	6,510	5,259
180.35	6,042	2,058	180.87	6,520	5,324
180.36	6,051	2,119	180.88	6,529	5,389
180.37	6,060	2,179	180.89	6,538	5,455
180.38	6,069	2,240	180.90	6,547	5,520
180.39	6,078	2,301	180.91	6,556	5,586
180.40	6,088	2,362	180.92	6,565	5,651
180.41	6,097	2,422	180.93	6,575	5,717
180.42	6,106	2,483	180.94	6,584	5,783
180.43	6,115	2,545	180.95	6,593	5,849
180.44	6,124	2,606	180.96	6,602	5,915
180.45	6,134	2,667	180.97	6,611	5,981
180.46	6,143	2,728	180.98	6,621	6,047
180.47	6,152	2,790	180.99	6,630	6,113
180.48	6,161	2,851	181.00	6,639	6,180
180.49	6,170	2,913	181.01	6,653	6,246
180.50	6,180	2,975	181.02	6,666	6,313
180.51	6,189	3,037	181.03	6,680	6,379

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	6,693	6,446	181.56	7,400	10,110
181.05	6,707	6,513	181.57	7,414	10,184
181.06	6,721	6,580	181.58	7,427	10,259
181.07	6,734	6,648	181.59	7,441	10,333
181.08	6,748	6,715	181.60	7,454	10,408
181.09	6,761	6,783	181.61	7,468	10,482
181.10	6,775	6,850	181.62	7,482	10,557
181.11	6,788	6,918	181.63	7,495	10,632
181.12	6,802	6,986	181.64	7,509	10,707
181.13	6,816	7,054	181.65	7,522	10,782
181.14	6,829	7,122	181.66	7,536	10,857
181.15	6,843	7,191	181.67	7,550	10,933
181.16	6,856	7,259	181.68	7,563	11,008
181.17	6,870	7,328	181.69	7,577	11,084
181.18	6,884	7,397	181.70	7,590	11,160
181.19	6,897	7,465	181.71	7,604	11,236
181.20	6,911	7,534	181.72	7,617	11,312
181.21	6,924	7,604	181.73	7,631	11,388
181.22	6,938	7,673	181.74	7,645	11,464
181.23	6,952	7,742	181.75	7,658	11,541
181.24	6,965	7,812	181.76	7,672	11,618
181.25	6,979	7,882	181.77	7,685	11,694
181.26	6,992	7,952	181.78	7,699	11,771
181.27	7,006	8,022	181.79	7,713	11,848
181.28	7,020	8,092	181.80	7,726	11,926
181.29	7,033	8,162	181.81	7,740	12,003
181.30	7,047	8,232	181.82	7,753	12,080
181.31	7,060	8,303	181.83	7,767	12,158
181.32	7,074	8,374	181.84	7,781	12,236
181.33	7,087	8,444	181.85	7,794	12,314
181.34	7,101	8,515	181.86	7,808	12,392
181.35	7,115	8,586	181.87	7,821	12,470
181.36	7,128	8,658	181.88	7,835	12,548
181.37	7,142	8,729	181.89	7,849	12,626
181.38	7,155	8,800	181.90	7,862	12,705
181.39	7,169	8,872	181.91	7,876	12,784
181.40	7,183	8,944	181.92	7,889	12,863
181.41	7,196	9,016	181.93	7,903	12,941
181.42	7,210	9,088	181.94	7,916	13,021
181.43	7,223	9,160	181.95	7,930	13,100
181.44	7,237	9,232	181.96	7,944	13,179
181.45	7,251	9,305	181.97	7,957	13,259
181.46	7,264	9,377	181.98	7,971	13,338
181.47	7,278	9,450	181.99	7,984	13,418
181.48	7,291	9,523	182.00	7,998	13,498
181.49	7,305	9,596	182.01	8,012	13,578
181.50	7,319	9,669	182.02	8,026	13,658
181.51	7,332	9,742	182.03	8,040	13,739
181.52	7,346	9,816	182.04	8,055	13,819
181.53	7,359	9,889	182.05	8,069	13,900
181.54	7,373	9,963	182.06	8,083	13,980
181.55	7,386	10,036	182.07	8,097	14,061

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,111	14,142	182.60	8,847	18,551
182.09	8,125	14,224	182.61	8,861	18,640
182.10	8,139	14,305	182.62	8,875	18,729
182.11	8,154	14,386	182.63	8,889	18,818
182.12	8,168	14,468	182.64	8,904	18,907
182.13	8,182	14,550	182.65	8,918	18,996
182.14	8,196	14,632	182.66	8,932	19,085
182.15	8,210	14,714	182.67	8,946	19,174
182.16	8,224	14,796	182.68	8,960	19,264
182.17	8,239	14,878	182.69	8,974	19,353
182.18	8,253	14,961	182.70	8,988	19,443
182.19	8,267	15,043	182.71	9,003	19,533
182.20	8,281	15,126	182.72	9,017	19,623
182.21	8,295	15,209	182.73	9,031	19,714
182.22	8,309	15,292	182.74	9,045	19,804
182.23	8,323	15,375	182.75	9,059	19,894
182.24	8,338	15,458	182.76	9,073	19,985
182.25	8,352	15,542	182.77	9,088	20,076
182.26	8,366	15,625	182.78	9,102	20,167
182.27	8,380	15,709	182.79	9,116	20,258
182.28	8,394	15,793	182.80	9,130	20,349
182.29	8,408	15,877	182.81	9,144	20,441
182.30	8,423	15,961	182.82	9,158	20,532
182.31	8,437	16,045	182.83	9,172	20,624
182.32	8,451	16,130	182.84	9,187	20,716
182.33	8,465	16,214	182.85	9,201	20,807
182.34	8,479	16,299	182.86	9,215	20,900
182.35	8,493	16,384	182.87	9,229	20,992
182.36	8,507	16,469	182.88	9,243	21,084
182.37	8,522	16,554	182.89	9,257	21,177
182.38	8,536	16,639	182.90	9,272	21,269
182.39	8,550	16,725	182.91	9,286	21,362
182.40	8,564	16,810	182.92	9,300	21,455
182.41	8,578	16,896	182.93	9,314	21,548
182.42	8,592	16,982	182.94	9,328	21,641
182.43	8,606	17,068	182.95	9,342	21,735
182.44	8,621	17,154	182.96	9,356	21,828
182.45	8,635	17,240	182.97	9,371	21,922
182.46	8,649	17,327	182.98	9,385	22,016
182.47	8,663	17,413	182.99	9,399	22,109
182.48	8,677	17,500	183.00	9,413	22,204
182.49	8,691	17,587	183.01	9,444	22,298
182.50	8,706	17,674	183.02	9,475	22,392
182.51	8,720	17,761	183.03	9,506	22,487
182.52	8,734	17,848	183.04	9,537	22,583
182.53	8,748	17,936	183.05	9,568	22,678
182.54	8,762	18,023	183.06	9,599	22,774
182.55	8,776	18,111	183.07	9,630	22,870
182.56	8,790	18,199	183.08	9,661	22,966
182.57	8,805	18,287	183.09	9,692	23,063
182.58	8,819	18,375	183.10	9,723	23,160
182.59	8,833	18,463	183.11	9,754	23,258

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,785	23,355	183.64	11,398	28,863
183.13	9,816	23,453	183.65	11,429	28,977
183.14	9,847	23,552	183.66	11,460	29,092
183.15	9,878	23,650	183.67	11,491	29,206
183.16	9,909	23,749	183.68	11,522	29,322
183.17	9,940	23,849	183.69	11,553	29,437
183.18	9,971	23,948	183.70	11,584	29,553
183.19	10,002	24,048	183.71	11,615	29,669
183.20	10,033	24,148	183.72	11,646	29,785
183.21	10,064	24,249	183.73	11,677	29,902
183.22	10,095	24,349	183.74	11,708	30,018
183.23	10,126	24,451	183.75	11,740	30,136
183.24	10,157	24,552	183.76	11,771	30,253
183.25	10,189	24,654	183.77	11,802	30,371
183.26	10,220	24,756	183.78	11,833	30,489
183.27	10,251	24,858	183.79	11,864	30,608
183.28	10,282	24,961	183.80	11,895	30,727
183.29	10,313	25,064	183.81	11,926	30,846
183.30	10,344	25,167	183.82	11,957	30,965
183.31	10,375	25,271	183.83	11,988	31,085
183.32	10,406	25,374	183.84	12,019	31,205
183.33	10,437	25,479	183.85	12,050	31,325
183.34	10,468	25,583	183.86	12,081	31,446
183.35	10,499	25,688	183.87	12,112	31,567
183.36	10,530	25,793	183.88	12,143	31,688
183.37	10,561	25,899	183.89	12,174	31,810
183.38	10,592	26,004	183.90	12,205	31,932
183.39	10,623	26,110	183.91	12,236	32,054
183.40	10,654	26,217	183.92	12,267	32,176
183.41	10,685	26,324	183.93	12,298	32,299
183.42	10,716	26,431	183.94	12,329	32,422
183.43	10,747	26,538	183.95	12,360	32,546
183.44	10,778	26,645	183.96	12,391	32,669
183.45	10,809	26,753	183.97	12,422	32,793
183.46	10,840	26,862	183.98	12,453	32,918
183.47	10,871	26,970	183.99	12,484	33,043
183.48	10,902	27,079	184.00	12,515	33,168
183.49	10,933	27,188	184.01	12,531	33,293
183.50	10,964	27,298	184.02	12,547	33,418
183.51	10,995	27,408	184.03	12,563	33,544
183.52	11,026	27,518	184.04	12,580	33,669
183.53	11,057	27,628	184.05	12,596	33,795
183.54	11,088	27,739	184.06	12,612	33,921
183.55	11,119	27,850	184.07	12,628	34,048
183.56	11,150	27,961	184.08	12,644	34,174
183.57	11,181	28,073	184.09	12,660	34,300
183.58	11,212	28,185	184.10	12,676	34,427
183.59	11,243	28,297	184.11	12,692	34,554
183.60	11,274	28,410	184.12	12,709	34,681
183.61	11,305	28,523	184.13	12,725	34,808
183.62	11,336	28,636	184.14	12,741	34,935
183.63	11,367	28,749	184.15	12,757	35,063

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	12,773	35,191	184.68	13,612	42,051
184.17	12,789	35,318	184.69	13,628	42,187
184.18	12,805	35,446	184.70	13,644	42,323
184.19	12,821	35,574	184.71	13,660	42,460
184.20	12,838	35,703	184.72	13,676	42,596
184.21	12,854	35,831	184.73	13,692	42,733
184.22	12,870	35,960	184.74	13,709	42,870
184.23	12,886	36,089	184.75	13,725	43,007
184.24	12,902	36,218	184.76	13,741	43,145
184.25	12,918	36,347	184.77	13,757	43,282
184.26	12,934	36,476	184.78	13,773	43,420
184.27	12,951	36,605	184.79	13,789	43,558
184.28	12,967	36,735	184.80	13,805	43,696
184.29	12,983	36,865	184.81	13,822	43,834
184.30	12,999	36,995	184.82	13,838	43,972
184.31	13,015	37,125	184.83	13,854	44,111
184.32	13,031	37,255	184.84	13,870	44,249
184.33	13,047	37,385	184.85	13,886	44,388
184.34	13,063	37,516	184.86	13,902	44,527
184.35	13,080	37,647	184.87	13,918	44,666
184.36	13,096	37,777	184.88	13,934	44,805
184.37	13,112	37,908	184.89	13,951	44,945
184.38	13,128	38,040	184.90	13,967	45,084
184.39	13,144	38,171	184.91	13,983	45,224
184.40	13,160	38,303	184.92	13,999	45,364
184.41	13,176	38,434	184.93	14,015	45,504
184.42	13,192	38,566	184.94	14,031	45,644
184.43	13,209	38,698	184.95	14,047	45,785
184.44	13,225	38,830	184.96	14,063	45,925
184.45	13,241	38,963	184.97	14,080	46,066
184.46	13,257	39,095	184.98	14,096	46,207
184.47	13,273	39,228	184.99	14,112	46,348
184.48	13,289	39,361	185.00	14,128	46,489
184.49	13,305	39,493	185.01	14,145	46,630
184.50	13,322	39,627	185.02	14,161	46,772
184.51	13,338	39,760	185.03	14,178	46,914
184.52	13,354	39,893	185.04	14,195	47,055
184.53	13,370	40,027	185.05	14,212	47,197
184.54	13,386	40,161	185.06	14,228	47,340
184.55	13,402	40,295	185.07	14,245	47,482
184.56	13,418	40,429	185.08	14,262	47,625
184.57	13,434	40,563	185.09	14,278	47,767
184.58	13,451	40,698	185.10	14,295	47,910
184.59	13,467	40,832	185.11	14,312	48,053
184.60	13,483	40,967	185.12	14,328	48,196
184.61	13,499	41,102	185.13	14,345	48,340
184.62	13,515	41,237	185.14	14,362	48,483
184.63	13,531	41,372	185.15	14,379	48,627
184.64	13,547	41,507	185.16	14,395	48,771
184.65	13,563	41,643	185.17	14,412	48,915
184.66	13,580	41,779	185.18	14,429	49,059
184.67	13,596	41,915	185.19	14,445	49,203

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	14,462	49,348	185.72	15,330	57,094
185.21	14,479	49,493	185.73	15,347	57,247
185.22	14,495	49,638	185.74	15,364	57,401
185.23	14,512	49,783	185.75	15,381	57,555
185.24	14,529	49,928	185.76	15,397	57,709
185.25	14,546	50,073	185.77	15,414	57,863
185.26	14,562	50,219	185.78	15,431	58,017
185.27	14,579	50,364	185.79	15,447	58,171
185.28	14,596	50,510	185.80	15,464	58,326
185.29	14,612	50,656	185.81	15,481	58,481
185.30	14,629	50,803	185.82	15,497	58,635
185.31	14,646	50,949	185.83	15,514	58,790
185.32	14,662	51,095	185.84	15,531	58,946
185.33	14,679	51,242	185.85	15,547	59,101
185.34	14,696	51,389	185.86	15,564	59,257
185.35	14,712	51,536	185.87	15,581	59,412
185.36	14,729	51,683	185.88	15,598	59,568
185.37	14,746	51,831	185.89	15,614	59,724
185.38	14,763	51,978	185.90	15,631	59,881
185.39	14,779	52,126	185.91	15,648	60,037
185.40	14,796	52,274	185.92	15,664	60,194
185.41	14,813	52,422	185.93	15,681	60,350
185.42	14,829	52,570	185.94	15,698	60,507
185.43	14,846	52,718	185.95	15,714	60,664
185.44	14,863	52,867	185.96	15,731	60,821
185.45	14,879	53,016	185.97	15,748	60,979
185.46	14,896	53,165	185.98	15,765	61,136
185.47	14,913	53,314	185.99	15,781	61,294
185.48	14,930	53,463	186.00	15,798	61,452
185.49	14,946	53,612	186.01	15,815	61,610
185.50	14,963	53,762	186.02	15,833	61,768
185.51	14,980	53,911	186.03	15,850	61,927
185.52	14,996	54,061	186.04	15,867	62,085
185.53	15,013	54,211	186.05	15,884	62,244
185.54	15,030	54,362	186.06	15,902	62,403
185.55	15,047	54,512	186.07	15,919	62,562
185.56	15,063	54,663	186.08	15,936	62,721
185.57	15,080	54,813	186.09	15,953	62,881
185.58	15,097	54,964	186.10	15,971	63,040
185.59	15,113	55,115	186.11	15,988	63,200
185.60	15,130	55,266	186.12	16,005	63,360
185.61	15,147	55,418	186.13	16,022	63,520
185.62	15,163	55,569	186.14	16,040	63,681
185.63	15,180	55,721	186.15	16,057	63,841
185.64	15,197	55,873	186.16	16,074	64,002
185.65	15,214	56,025	186.17	16,091	64,163
185.66	15,230	56,177	186.18	16,109	64,324
185.67	15,247	56,330	186.19	16,126	64,485
185.68	15,264	56,482	186.20	16,143	64,646
185.69	15,280	56,635	186.21	16,160	64,808
185.70	15,297	56,788	186.22	16,178	64,969
185.71	15,314	56,941	186.23	16,195	65,131

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	16,212	65,293	186.76	17,110	73,957
186.25	16,230	65,455	186.77	17,127	74,128
186.26	16,247	65,618	186.78	17,144	74,299
186.27	16,264	65,780	186.79	17,162	74,471
186.28	16,281	65,943	186.80	17,179	74,643
186.29	16,299	66,106	186.81	17,196	74,815
186.30	16,316	66,269	186.82	17,213	74,987
186.31	16,333	66,432	186.83	17,231	75,159
186.32	16,350	66,596	186.84	17,248	75,331
186.33	16,368	66,759	186.85	17,265	75,504
186.34	16,385	66,923	186.86	17,282	75,677
186.35	16,402	67,087	186.87	17,300	75,849
186.36	16,419	67,251	186.88	17,317	76,023
186.37	16,437	67,415	186.89	17,334	76,196
186.38	16,454	67,580	186.90	17,351	76,369
186.39	16,471	67,744	186.91	17,369	76,543
186.40	16,488	67,909	186.92	17,386	76,717
186.41	16,506	68,074	186.93	17,403	76,891
186.42	16,523	68,239	186.94	17,420	77,065
186.43	16,540	68,405	186.95	17,438	77,239
186.44	16,557	68,570	186.96	17,455	77,413
186.45	16,575	68,736	186.97	17,472	77,588
186.46	16,592	68,902	186.98	17,489	77,763
186.47	16,609	69,068	186.99	17,507	77,938
186.48	16,626	69,234	187.00	17,524	78,113
186.49	16,644	69,400	187.01	17,542	78,288
186.50	16,661	69,567	187.02	17,560	78,464
186.51	16,678	69,733	187.03	17,578	78,640
186.52	16,696	69,900	187.04	17,595	78,815
186.53	16,713	70,067	187.05	17,613	78,991
186.54	16,730	70,235	187.06	17,631	79,168
186.55	16,747	70,402	187.07	17,649	79,344
186.56	16,765	70,570	187.08	17,667	79,521
186.57	16,782	70,737	187.09	17,685	79,697
186.58	16,799	70,905	187.10	17,703	79,874
186.59	16,816	71,073	187.11	17,720	80,051
186.60	16,834	71,241	187.12	17,738	80,229
186.61	16,851	71,410	187.13	17,756	80,406
186.62	16,868	71,578	187.14	17,774	80,584
186.63	16,885	71,747	187.15	17,792	80,762
186.64	16,903	71,916	187.16	17,810	80,940
186.65	16,920	72,085	187.17	17,828	81,118
186.66	16,937	72,255	187.18	17,845	81,296
186.67	16,954	72,424	187.19	17,863	81,475
186.68	16,972	72,594	187.20	17,881	81,654
186.69	16,989	72,763	187.21	17,899	81,832
186.70	17,006	72,933	187.22	17,917	82,012
186.71	17,023	73,104	187.23	17,935	82,191
186.72	17,041	73,274	187.24	17,953	82,370
186.73	17,058	73,444	187.25	17,971	82,550
186.74	17,075	73,615	187.26	17,988	82,730
186.75	17,093	73,786	187.27	18,006	82,910

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	18,024	83,090	187.80	18,953	92,704
187.29	18,042	83,270	187.81	18,971	92,893
187.30	18,060	83,451	187.82	18,989	93,083
187.31	18,078	83,631	187.83	19,006	93,273
187.32	18,096	83,812	187.84	19,024	93,463
187.33	18,113	83,993	187.85	19,042	93,654
187.34	18,131	84,174	187.86	19,060	93,844
187.35	18,149	84,356	187.87	19,078	94,035
187.36	18,167	84,537	187.88	19,096	94,226
187.37	18,185	84,719	187.89	19,114	94,417
187.38	18,203	84,901	187.90	19,131	94,608
187.39	18,221	85,083	187.91	19,149	94,799
187.40	18,238	85,265	187.92	19,167	94,991
187.41	18,256	85,448	187.93	19,185	95,183
187.42	18,274	85,631	187.94	19,203	95,375
187.43	18,292	85,813	187.95	19,221	95,567
187.44	18,310	85,996	187.96	19,239	95,759
187.45	18,328	86,180	187.97	19,256	95,952
187.46	18,346	86,363	187.98	19,274	96,144
187.47	18,363	86,547	187.99	19,292	96,337
187.48	18,381	86,730	188.00	19,310	96,530
187.49	18,399	86,914			
187.50	18,417	87,098			
187.51	18,435	87,283			
187.52	18,453	87,467			
187.53	18,471	87,652			
187.54	18,488	87,836			
187.55	18,506	88,021			
187.56	18,524	88,206			
187.57	18,542	88,392			
187.58	18,560	88,577			
187.59	18,578	88,763			
187.60	18,596	88,949			
187.61	18,613	89,135			
187.62	18,631	89,321			
187.63	18,649	89,508			
187.64	18,667	89,694			
187.65	18,685	89,881			
187.66	18,703	90,068			
187.67	18,721	90,255			
187.68	18,738	90,442			
187.69	18,756	90,630			
187.70	18,774	90,817			
187.71	18,792	91,005			
187.72	18,810	91,193			
187.73	18,828	91,381			
187.74	18,846	91,570			
187.75	18,864	91,758			
187.76	18,881	91,947			
187.77	18,899	92,136			
187.78	18,917	92,325			
187.79	18,935	92,514			

Summary for Pond B-46B: Basin #46B

Inflow Area = 2.931 ac, 39.13% Impervious, Inflow Depth > 1.14" for Current 2 yr event
 Inflow = 0.72 cfs @ 12.83 hrs, Volume= 0.279 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.78' @ 40.00 hrs Surf.Area= 7,908 sf Storage= 12,158 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

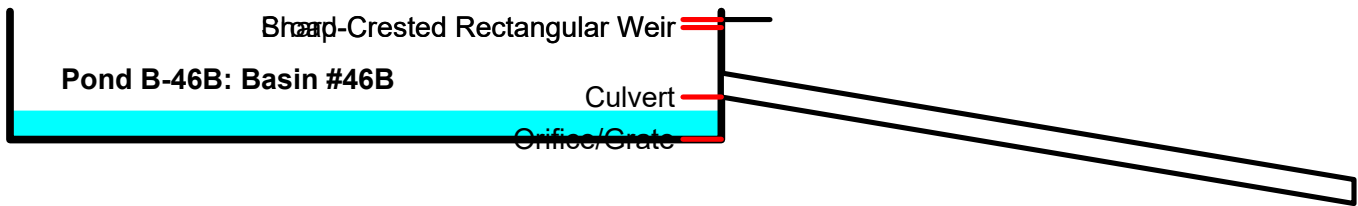
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	88,429 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,813	0	0
181.00	6,961	6,387	6,387
182.00	8,181	7,571	13,958
183.00	9,471	8,826	22,784
184.00	11,059	10,265	33,049
185.00	12,402	11,731	44,780
186.00	13,803	13,103	57,882
187.00	15,259	14,531	72,413
188.00	16,772	16,016	88,429

Device	Routing	Invert	Outlet Devices
#1	Primary	182.65'	18.0" Round Culvert L= 65.0' Ke= 0.500 Inlet / Outlet Invert= 182.65' / 176.00' S= 0.1023 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	180.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

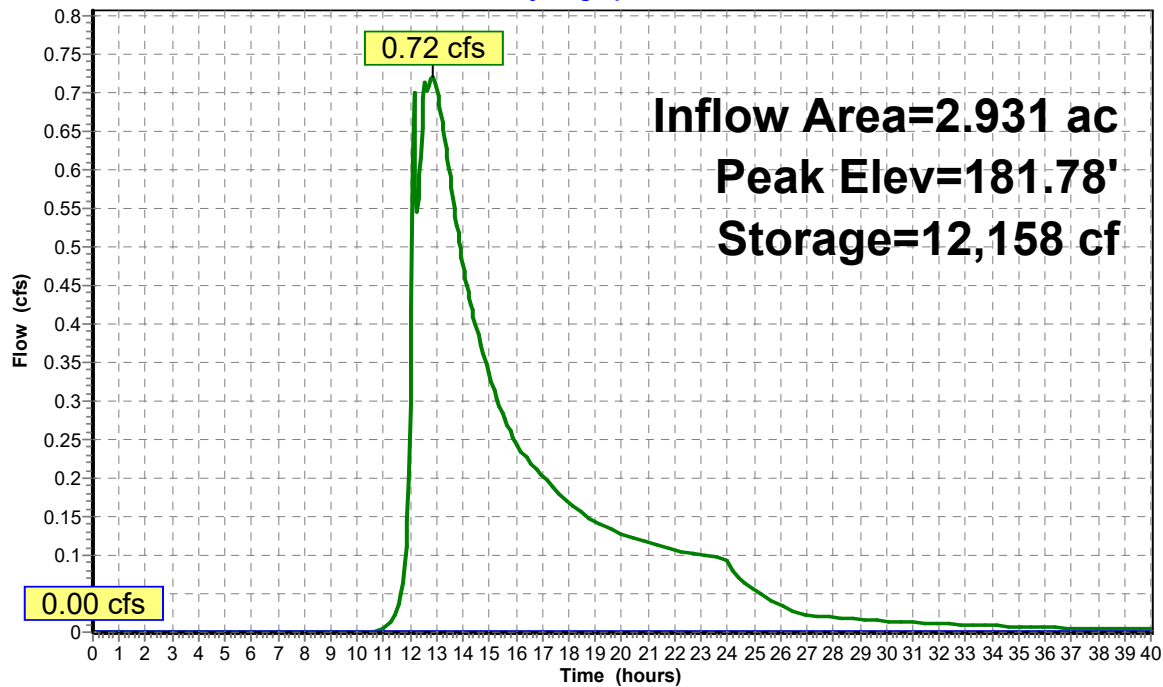
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=180.00' (Free Discharge)

1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-46B: Basin #46B

Hydrograph



Hydrograph for Pond B-46B: Basin #46B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	0	180.00	0.00
1.40	0.00	0	180.00	0.00
1.50	0.00	0	180.00	0.00
1.60	0.00	0	180.00	0.00
1.70	0.00	0	180.00	0.00
1.80	0.00	0	180.00	0.00
1.90	0.00	0	180.00	0.00
2.00	0.00	0	180.00	0.00
2.10	0.00	0	180.00	0.00
2.20	0.00	0	180.00	0.00
2.30	0.00	0	180.00	0.00
2.40	0.00	0	180.00	0.00
2.50	0.00	0	180.00	0.00
2.60	0.00	0	180.00	0.00
2.70	0.00	0	180.00	0.00
2.80	0.00	0	180.00	0.00
2.90	0.00	0	180.00	0.00
3.00	0.00	0	180.00	0.00
3.10	0.00	0	180.00	0.00
3.20	0.00	0	180.00	0.00
3.30	0.00	0	180.00	0.00
3.40	0.00	0	180.00	0.00
3.50	0.00	0	180.00	0.00
3.60	0.00	0	180.00	0.00
3.70	0.00	0	180.00	0.00
3.80	0.00	0	180.00	0.00
3.90	0.00	0	180.00	0.00
4.00	0.00	0	180.00	0.00
4.10	0.00	0	180.00	0.00
4.20	0.00	0	180.00	0.00
4.30	0.00	0	180.00	0.00
4.40	0.00	0	180.00	0.00
4.50	0.00	0	180.00	0.00
4.60	0.00	0	180.00	0.00
4.70	0.00	0	180.00	0.00
4.80	0.00	0	180.00	0.00
4.90	0.00	0	180.00	0.00
5.00	0.00	0	180.00	0.00
5.10	0.00	0	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	180.00	0.00
5.30	0.00	0	180.00	0.00
5.40	0.00	0	180.00	0.00
5.50	0.00	0	180.00	0.00
5.60	0.00	0	180.00	0.00
5.70	0.00	0	180.00	0.00
5.80	0.00	0	180.00	0.00
5.90	0.00	0	180.00	0.00
6.00	0.00	0	180.00	0.00
6.10	0.00	0	180.00	0.00
6.20	0.00	0	180.00	0.00
6.30	0.00	0	180.00	0.00
6.40	0.00	0	180.00	0.00
6.50	0.00	0	180.00	0.00
6.60	0.00	0	180.00	0.00
6.70	0.00	0	180.00	0.00
6.80	0.00	0	180.00	0.00
6.90	0.00	0	180.00	0.00
7.00	0.00	0	180.00	0.00
7.10	0.00	0	180.00	0.00
7.20	0.00	0	180.00	0.00
7.30	0.00	0	180.00	0.00
7.40	0.00	0	180.00	0.00
7.50	0.00	0	180.00	0.00
7.60	0.00	0	180.00	0.00
7.70	0.00	0	180.00	0.00
7.80	0.00	0	180.00	0.00
7.90	0.00	0	180.00	0.00
8.00	0.00	0	180.00	0.00
8.10	0.00	0	180.00	0.00
8.20	0.00	0	180.00	0.00
8.30	0.00	0	180.00	0.00
8.40	0.00	0	180.00	0.00
8.50	0.00	0	180.00	0.00
8.60	0.00	0	180.00	0.00
8.70	0.00	0	180.00	0.00
8.80	0.00	0	180.00	0.00
8.90	0.00	0	180.00	0.00
9.00	0.00	0	180.00	0.00
9.10	0.00	0	180.00	0.00
9.20	0.00	0	180.00	0.00
9.30	0.00	0	180.00	0.00
9.40	0.00	0	180.00	0.00
9.50	0.00	0	180.00	0.00
9.60	0.00	0	180.00	0.00
9.70	0.00	0	180.00	0.00
9.80	0.00	0	180.00	0.00
9.90	0.00	0	180.00	0.00
10.00	0.00	0	180.00	0.00
10.10	0.00	0	180.00	0.00
10.20	0.00	0	180.00	0.00
10.30	0.00	0	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	0	180.00	0.00
10.50	0.00	0	180.00	0.00
10.60	0.00	0	180.00	0.00
10.70	0.00	0	180.00	0.00
10.80	0.00	1	180.00	0.00
10.90	0.00	1	180.00	0.00
11.00	0.01	3	180.00	0.00
11.10	0.01	5	180.00	0.00
11.20	0.01	9	180.00	0.00
11.30	0.02	13	180.00	0.00
11.40	0.02	20	180.00	0.00
11.50	0.03	28	180.00	0.00
11.60	0.04	39	180.01	0.00
11.70	0.06	58	180.01	0.00
11.80	0.09	83	180.01	0.00
11.90	0.15	124	180.02	0.00
12.00	0.29	199	180.03	0.00
12.10	0.62	357	180.06	0.00
12.20	0.57	590	180.10	0.00
12.30	0.56	791	180.13	0.00
12.40	0.62	1,003	180.17	0.00
12.50	0.69	1,239	180.21	0.00
12.60	0.70	1,492	180.25	0.00
12.70	0.71	1,746	180.29	0.00
12.80	0.72	2,004	180.33	0.00
12.90	0.72	2,262	180.38	0.00
13.00	0.70	2,518	180.42	0.00
13.10	0.68	2,768	180.46	0.00
13.20	0.66	3,011	180.49	0.00
13.30	0.64	3,245	180.53	0.00
13.40	0.61	3,470	180.57	0.00
13.50	0.59	3,687	180.60	0.00
13.60	0.56	3,894	180.63	0.00
13.70	0.54	4,092	180.66	0.00
13.80	0.52	4,282	180.69	0.00
13.90	0.50	4,464	180.72	0.00
14.00	0.48	4,640	180.74	0.00
14.10	0.46	4,808	180.77	0.00
14.20	0.44	4,970	180.79	0.00
14.30	0.42	5,126	180.82	0.00
14.40	0.41	5,276	180.84	0.00
14.50	0.40	5,421	180.86	0.00
14.60	0.38	5,561	180.88	0.00
14.70	0.37	5,696	180.90	0.00
14.80	0.36	5,827	180.92	0.00
14.90	0.35	5,954	180.94	0.00
15.00	0.33	6,076	180.96	0.00
15.10	0.32	6,194	180.97	0.00
15.20	0.31	6,307	180.99	0.00
15.30	0.30	6,417	181.00	0.00
15.40	0.29	6,523	181.02	0.00
15.50	0.28	6,627	181.03	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.27	6,727	181.05	0.00
15.70	0.27	6,824	181.06	0.00
15.80	0.26	6,919	181.08	0.00
15.90	0.25	7,011	181.09	0.00
16.00	0.25	7,101	181.10	0.00
16.10	0.24	7,188	181.11	0.00
16.20	0.23	7,274	181.13	0.00
16.30	0.23	7,357	181.14	0.00
16.40	0.23	7,440	181.15	0.00
16.50	0.22	7,520	181.16	0.00
16.60	0.22	7,599	181.17	0.00
16.70	0.21	7,677	181.18	0.00
16.80	0.21	7,754	181.19	0.00
16.90	0.21	7,829	181.20	0.00
17.00	0.20	7,902	181.21	0.00
17.10	0.20	7,975	181.22	0.00
17.20	0.20	8,046	181.23	0.00
17.30	0.19	8,115	181.24	0.00
17.40	0.19	8,184	181.25	0.00
17.50	0.18	8,251	181.26	0.00
17.60	0.18	8,317	181.27	0.00
17.70	0.18	8,382	181.28	0.00
17.80	0.17	8,445	181.29	0.00
17.90	0.17	8,508	181.30	0.00
18.00	0.17	8,569	181.31	0.00
18.10	0.16	8,629	181.31	0.00
18.20	0.16	8,687	181.32	0.00
18.30	0.16	8,745	181.33	0.00
18.40	0.16	8,802	181.34	0.00
18.50	0.15	8,857	181.34	0.00
18.60	0.15	8,912	181.35	0.00
18.70	0.15	8,966	181.36	0.00
18.80	0.15	9,020	181.37	0.00
18.90	0.14	9,072	181.37	0.00
19.00	0.14	9,124	181.38	0.00
19.10	0.14	9,175	181.39	0.00
19.20	0.14	9,226	181.39	0.00
19.30	0.14	9,276	181.40	0.00
19.40	0.14	9,325	181.41	0.00
19.50	0.13	9,374	181.41	0.00
19.60	0.13	9,422	181.42	0.00
19.70	0.13	9,469	181.43	0.00
19.80	0.13	9,516	181.43	0.00
19.90	0.13	9,563	181.44	0.00
20.00	0.13	9,609	181.45	0.00
20.10	0.13	9,655	181.45	0.00
20.20	0.12	9,700	181.46	0.00
20.30	0.12	9,745	181.46	0.00
20.40	0.12	9,789	181.47	0.00
20.50	0.12	9,833	181.48	0.00
20.60	0.12	9,877	181.48	0.00
20.70	0.12	9,920	181.49	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.12	9,962	181.49	0.00
20.90	0.12	10,005	181.50	0.00
21.00	0.12	10,047	181.50	0.00
21.10	0.12	10,088	181.51	0.00
21.20	0.11	10,130	181.51	0.00
21.30	0.11	10,171	181.52	0.00
21.40	0.11	10,211	181.53	0.00
21.50	0.11	10,251	181.53	0.00
21.60	0.11	10,291	181.54	0.00
21.70	0.11	10,331	181.54	0.00
21.80	0.11	10,370	181.55	0.00
21.90	0.11	10,409	181.55	0.00
22.00	0.11	10,448	181.56	0.00
22.10	0.11	10,486	181.56	0.00
22.20	0.11	10,524	181.57	0.00
22.30	0.10	10,562	181.57	0.00
22.40	0.10	10,599	181.58	0.00
22.50	0.10	10,637	181.58	0.00
22.60	0.10	10,674	181.59	0.00
22.70	0.10	10,711	181.59	0.00
22.80	0.10	10,747	181.60	0.00
22.90	0.10	10,784	181.60	0.00
23.00	0.10	10,820	181.60	0.00
23.10	0.10	10,856	181.61	0.00
23.20	0.10	10,892	181.61	0.00
23.30	0.10	10,928	181.62	0.00
23.40	0.10	10,963	181.62	0.00
23.50	0.10	10,998	181.63	0.00
23.60	0.10	11,033	181.63	0.00
23.70	0.10	11,068	181.64	0.00
23.80	0.10	11,102	181.64	0.00
23.90	0.09	11,136	181.65	0.00
24.00	0.10	11,171	181.65	0.00
24.10	0.09	11,204	181.65	0.00
24.20	0.08	11,233	181.66	0.00
24.30	0.07	11,261	181.66	0.00
24.40	0.07	11,287	181.67	0.00
24.50	0.07	11,312	181.67	0.00
24.60	0.07	11,336	181.67	0.00
24.70	0.06	11,359	181.67	0.00
24.80	0.06	11,381	181.68	0.00
24.90	0.06	11,402	181.68	0.00
25.00	0.05	11,422	181.68	0.00
25.10	0.05	11,441	181.68	0.00
25.20	0.05	11,460	181.69	0.00
25.30	0.05	11,477	181.69	0.00
25.40	0.05	11,494	181.69	0.00
25.50	0.04	11,510	181.69	0.00
25.60	0.04	11,526	181.70	0.00
25.70	0.04	11,540	181.70	0.00
25.80	0.04	11,554	181.70	0.00
25.90	0.04	11,568	181.70	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.03	11,581	181.70	0.00
26.10	0.03	11,593	181.70	0.00
26.20	0.03	11,605	181.71	0.00
26.30	0.03	11,616	181.71	0.00
26.40	0.03	11,627	181.71	0.00
26.50	0.03	11,637	181.71	0.00
26.60	0.03	11,647	181.71	0.00
26.70	0.03	11,657	181.71	0.00
26.80	0.02	11,666	181.71	0.00
26.90	0.02	11,674	181.71	0.00
27.00	0.02	11,682	181.72	0.00
27.10	0.02	11,690	181.72	0.00
27.20	0.02	11,698	181.72	0.00
27.30	0.02	11,706	181.72	0.00
27.40	0.02	11,713	181.72	0.00
27.50	0.02	11,721	181.72	0.00
27.60	0.02	11,728	181.72	0.00
27.70	0.02	11,735	181.72	0.00
27.80	0.02	11,742	181.72	0.00
27.90	0.02	11,749	181.72	0.00
28.00	0.02	11,756	181.73	0.00
28.10	0.02	11,763	181.73	0.00
28.20	0.02	11,770	181.73	0.00
28.30	0.02	11,777	181.73	0.00
28.40	0.02	11,783	181.73	0.00
28.50	0.02	11,790	181.73	0.00
28.60	0.02	11,796	181.73	0.00
28.70	0.02	11,802	181.73	0.00
28.80	0.02	11,809	181.73	0.00
28.90	0.02	11,815	181.73	0.00
29.00	0.02	11,821	181.73	0.00
29.10	0.02	11,827	181.73	0.00
29.20	0.02	11,833	181.73	0.00
29.30	0.02	11,838	181.74	0.00
29.40	0.02	11,844	181.74	0.00
29.50	0.02	11,850	181.74	0.00
29.60	0.02	11,855	181.74	0.00
29.70	0.02	11,861	181.74	0.00
29.80	0.01	11,866	181.74	0.00
29.90	0.01	11,872	181.74	0.00
30.00	0.01	11,877	181.74	0.00
30.10	0.01	11,882	181.74	0.00
30.20	0.01	11,887	181.74	0.00
30.30	0.01	11,892	181.74	0.00
30.40	0.01	11,897	181.74	0.00
30.50	0.01	11,902	181.74	0.00
30.60	0.01	11,907	181.74	0.00
30.70	0.01	11,912	181.74	0.00
30.80	0.01	11,916	181.75	0.00
30.90	0.01	11,921	181.75	0.00
31.00	0.01	11,926	181.75	0.00
31.10	0.01	11,930	181.75	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.01	11,935	181.75	0.00
31.30	0.01	11,939	181.75	0.00
31.40	0.01	11,943	181.75	0.00
31.50	0.01	11,948	181.75	0.00
31.60	0.01	11,952	181.75	0.00
31.70	0.01	11,956	181.75	0.00
31.80	0.01	11,960	181.75	0.00
31.90	0.01	11,964	181.75	0.00
32.00	0.01	11,968	181.75	0.00
32.10	0.01	11,972	181.75	0.00
32.20	0.01	11,976	181.75	0.00
32.30	0.01	11,980	181.75	0.00
32.40	0.01	11,984	181.75	0.00
32.50	0.01	11,987	181.75	0.00
32.60	0.01	11,991	181.76	0.00
32.70	0.01	11,995	181.76	0.00
32.80	0.01	11,998	181.76	0.00
32.90	0.01	12,002	181.76	0.00
33.00	0.01	12,005	181.76	0.00
33.10	0.01	12,008	181.76	0.00
33.20	0.01	12,012	181.76	0.00
33.30	0.01	12,015	181.76	0.00
33.40	0.01	12,018	181.76	0.00
33.50	0.01	12,022	181.76	0.00
33.60	0.01	12,025	181.76	0.00
33.70	0.01	12,028	181.76	0.00
33.80	0.01	12,031	181.76	0.00
33.90	0.01	12,034	181.76	0.00
34.00	0.01	12,037	181.76	0.00
34.10	0.01	12,040	181.76	0.00
34.20	0.01	12,043	181.76	0.00
34.30	0.01	12,046	181.76	0.00
34.40	0.01	12,049	181.76	0.00
34.50	0.01	12,052	181.76	0.00
34.60	0.01	12,054	181.76	0.00
34.70	0.01	12,057	181.76	0.00
34.80	0.01	12,060	181.76	0.00
34.90	0.01	12,063	181.76	0.00
35.00	0.01	12,065	181.76	0.00
35.10	0.01	12,068	181.76	0.00
35.20	0.01	12,070	181.77	0.00
35.30	0.01	12,073	181.77	0.00
35.40	0.01	12,075	181.77	0.00
35.50	0.01	12,078	181.77	0.00
35.60	0.01	12,080	181.77	0.00
35.70	0.01	12,083	181.77	0.00
35.80	0.01	12,085	181.77	0.00
35.90	0.01	12,087	181.77	0.00
36.00	0.01	12,090	181.77	0.00
36.10	0.01	12,092	181.77	0.00
36.20	0.01	12,094	181.77	0.00
36.30	0.01	12,096	181.77	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	12,098	181.77	0.00
36.50	0.01	12,100	181.77	0.00
36.60	0.01	12,103	181.77	0.00
36.70	0.01	12,105	181.77	0.00
36.80	0.01	12,107	181.77	0.00
36.90	0.01	12,109	181.77	0.00
37.00	0.01	12,111	181.77	0.00
37.10	0.01	12,113	181.77	0.00
37.20	0.01	12,115	181.77	0.00
37.30	0.01	12,116	181.77	0.00
37.40	0.01	12,118	181.77	0.00
37.50	0.01	12,120	181.77	0.00
37.60	0.01	12,122	181.77	0.00
37.70	0.00	12,124	181.77	0.00
37.80	0.00	12,126	181.77	0.00
37.90	0.00	12,127	181.77	0.00
38.00	0.00	12,129	181.77	0.00
38.10	0.00	12,131	181.77	0.00
38.20	0.00	12,133	181.77	0.00
38.30	0.00	12,134	181.77	0.00
38.40	0.00	12,136	181.77	0.00
38.50	0.00	12,137	181.77	0.00
38.60	0.00	12,139	181.77	0.00
38.70	0.00	12,141	181.77	0.00
38.80	0.00	12,142	181.77	0.00
38.90	0.00	12,144	181.77	0.00
39.00	0.00	12,145	181.77	0.00
39.10	0.00	12,147	181.77	0.00
39.20	0.00	12,148	181.77	0.00
39.30	0.00	12,150	181.78	0.00
39.40	0.00	12,151	181.78	0.00
39.50	0.00	12,152	181.78	0.00
39.60	0.00	12,154	181.78	0.00
39.70	0.00	12,155	181.78	0.00
39.80	0.00	12,156	181.78	0.00
39.90	0.00	12,158	181.78	0.00
40.00	0.00	12,159	181.78	0.00

Stage-Discharge for Pond B-46B: Basin #46B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.00
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.00
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.00
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.00
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.00
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.00
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.00
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.00
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.00
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.00
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.00
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.00
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.00
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.00
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.00
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.00
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.00
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.00
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.00
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.00
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.00
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.00
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.00
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.00
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.00
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.00
180.26	0.00	180.78	0.00	181.30	0.00	181.82	0.00
180.27	0.00	180.79	0.00	181.31	0.00	181.83	0.00
180.28	0.00	180.80	0.00	181.32	0.00	181.84	0.00
180.29	0.00	180.81	0.00	181.33	0.00	181.85	0.00
180.30	0.00	180.82	0.00	181.34	0.00	181.86	0.00
180.31	0.00	180.83	0.00	181.35	0.00	181.87	0.00
180.32	0.00	180.84	0.00	181.36	0.00	181.88	0.00
180.33	0.00	180.85	0.00	181.37	0.00	181.89	0.00
180.34	0.00	180.86	0.00	181.38	0.00	181.90	0.00
180.35	0.00	180.87	0.00	181.39	0.00	181.91	0.00
180.36	0.00	180.88	0.00	181.40	0.00	181.92	0.00
180.37	0.00	180.89	0.00	181.41	0.00	181.93	0.00
180.38	0.00	180.90	0.00	181.42	0.00	181.94	0.00
180.39	0.00	180.91	0.00	181.43	0.00	181.95	0.00
180.40	0.00	180.92	0.00	181.44	0.00	181.96	0.00
180.41	0.00	180.93	0.00	181.45	0.00	181.97	0.00
180.42	0.00	180.94	0.00	181.46	0.00	181.98	0.00
180.43	0.00	180.95	0.00	181.47	0.00	181.99	0.00
180.44	0.00	180.96	0.00	181.48	0.00	182.00	0.00
180.45	0.00	180.97	0.00	181.49	0.00	182.01	0.00
180.46	0.00	180.98	0.00	181.50	0.00	182.02	0.00
180.47	0.00	180.99	0.00	181.51	0.00	182.03	0.00
180.48	0.00	181.00	0.00	181.52	0.00	182.04	0.00
180.49	0.00	181.01	0.00	181.53	0.00	182.05	0.00
180.50	0.00	181.02	0.00	181.54	0.00	182.06	0.00
180.51	0.00	181.03	0.00	181.55	0.00	182.07	0.00

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.00	182.60	0.00	183.12	0.11	183.64	0.16
182.09	0.00	182.61	0.00	183.13	0.11	183.65	0.16
182.10	0.00	182.62	0.00	183.14	0.11	183.66	0.16
182.11	0.00	182.63	0.00	183.15	0.12	183.67	0.17
182.12	0.00	182.64	0.00	183.16	0.12	183.68	0.17
182.13	0.00	182.65	0.00	183.17	0.12	183.69	0.17
182.14	0.00	182.66	0.00	183.18	0.12	183.70	0.17
182.15	0.00	182.67	0.00	183.19	0.12	183.71	0.17
182.16	0.00	182.68	0.00	183.20	0.12	183.72	0.17
182.17	0.00	182.69	0.01	183.21	0.12	183.73	0.17
182.18	0.00	182.70	0.01	183.22	0.12	183.74	0.17
182.19	0.00	182.71	0.02	183.23	0.13	183.75	0.17
182.20	0.00	182.72	0.03	183.24	0.13	183.76	0.17
182.21	0.00	182.73	0.04	183.25	0.13	183.77	0.17
182.22	0.00	182.74	0.04	183.26	0.13	183.78	0.17
182.23	0.00	182.75	0.05	183.27	0.13	183.79	0.18
182.24	0.00	182.76	0.05	183.28	0.13	183.80	0.18
182.25	0.00	182.77	0.06	183.29	0.13	183.81	0.18
182.26	0.00	182.78	0.06	183.30	0.13	183.82	0.18
182.27	0.00	182.79	0.06	183.31	0.13	183.83	0.18
182.28	0.00	182.80	0.06	183.32	0.13	183.84	0.18
182.29	0.00	182.81	0.07	183.33	0.14	183.85	0.18
182.30	0.00	182.82	0.07	183.34	0.14	183.86	0.18
182.31	0.00	182.83	0.07	183.35	0.14	183.87	0.18
182.32	0.00	182.84	0.07	183.36	0.14	183.88	0.18
182.33	0.00	182.85	0.07	183.37	0.14	183.89	0.18
182.34	0.00	182.86	0.08	183.38	0.14	183.90	0.18
182.35	0.00	182.87	0.08	183.39	0.14	183.91	0.18
182.36	0.00	182.88	0.08	183.40	0.14	183.92	0.18
182.37	0.00	182.89	0.08	183.41	0.14	183.93	0.19
182.38	0.00	182.90	0.08	183.42	0.14	183.94	0.19
182.39	0.00	182.91	0.08	183.43	0.14	183.95	0.19
182.40	0.00	182.92	0.09	183.44	0.15	183.96	0.19
182.41	0.00	182.93	0.09	183.45	0.15	183.97	0.19
182.42	0.00	182.94	0.09	183.46	0.15	183.98	0.19
182.43	0.00	182.95	0.09	183.47	0.15	183.99	0.19
182.44	0.00	182.96	0.09	183.48	0.15	184.00	0.19
182.45	0.00	182.97	0.09	183.49	0.15	184.01	0.19
182.46	0.00	182.98	0.09	183.50	0.15	184.02	0.19
182.47	0.00	182.99	0.10	183.51	0.15	184.03	0.19
182.48	0.00	183.00	0.10	183.52	0.15	184.04	0.19
182.49	0.00	183.01	0.10	183.53	0.15	184.05	0.19
182.50	0.00	183.02	0.10	183.54	0.15	184.06	0.19
182.51	0.00	183.03	0.10	183.55	0.16	184.07	0.20
182.52	0.00	183.04	0.10	183.56	0.16	184.08	0.20
182.53	0.00	183.05	0.10	183.57	0.16	184.09	0.20
182.54	0.00	183.06	0.11	183.58	0.16	184.10	0.20
182.55	0.00	183.07	0.11	183.59	0.16	184.11	0.20
182.56	0.00	183.08	0.11	183.60	0.16	184.12	0.20
182.57	0.00	183.09	0.11	183.61	0.16	184.13	0.20
182.58	0.00	183.10	0.11	183.62	0.16	184.14	0.20
182.59	0.00	183.11	0.11	183.63	0.16	184.15	0.20

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	0.20	184.68	0.23	185.20	0.26	185.72	0.29
184.17	0.20	184.69	0.23	185.21	0.26	185.73	0.29
184.18	0.20	184.70	0.24	185.22	0.26	185.74	0.29
184.19	0.20	184.71	0.24	185.23	0.26	185.75	0.29
184.20	0.20	184.72	0.24	185.24	0.26	185.76	0.29
184.21	0.21	184.73	0.24	185.25	0.26	185.77	0.29
184.22	0.21	184.74	0.24	185.26	0.27	185.78	0.29
184.23	0.21	184.75	0.24	185.27	0.27	185.79	0.29
184.24	0.21	184.76	0.24	185.28	0.27	185.80	0.29
184.25	0.21	184.77	0.24	185.29	0.27	185.81	0.29
184.26	0.21	184.78	0.24	185.30	0.27	185.82	0.29
184.27	0.21	184.79	0.24	185.31	0.27	185.83	0.29
184.28	0.21	184.80	0.24	185.32	0.27	185.84	0.29
184.29	0.21	184.81	0.24	185.33	0.27	185.85	0.29
184.30	0.21	184.82	0.24	185.34	0.27	185.86	0.29
184.31	0.21	184.83	0.24	185.35	0.27	185.87	0.29
184.32	0.21	184.84	0.24	185.36	0.27	185.88	0.29
184.33	0.21	184.85	0.24	185.37	0.27	185.89	0.30
184.34	0.21	184.86	0.24	185.38	0.27	185.90	0.30
184.35	0.21	184.87	0.24	185.39	0.27	185.91	0.30
184.36	0.21	184.88	0.25	185.40	0.27	185.92	0.30
184.37	0.22	184.89	0.25	185.41	0.27	185.93	0.30
184.38	0.22	184.90	0.25	185.42	0.27	185.94	0.30
184.39	0.22	184.91	0.25	185.43	0.27	185.95	0.30
184.40	0.22	184.92	0.25	185.44	0.27	185.96	0.30
184.41	0.22	184.93	0.25	185.45	0.27	185.97	0.30
184.42	0.22	184.94	0.25	185.46	0.28	185.98	0.30
184.43	0.22	184.95	0.25	185.47	0.28	185.99	0.30
184.44	0.22	184.96	0.25	185.48	0.28	186.00	0.30
184.45	0.22	184.97	0.25	185.49	0.28	186.01	0.30
184.46	0.22	184.98	0.25	185.50	0.28	186.02	0.30
184.47	0.22	184.99	0.25	185.51	0.28	186.03	0.30
184.48	0.22	185.00	0.25	185.52	0.28	186.04	0.30
184.49	0.22	185.01	0.25	185.53	0.28	186.05	0.30
184.50	0.22	185.02	0.25	185.54	0.28	186.06	0.30
184.51	0.22	185.03	0.25	185.55	0.28	186.07	0.30
184.52	0.22	185.04	0.25	185.56	0.28	186.08	0.30
184.53	0.23	185.05	0.25	185.57	0.28	186.09	0.30
184.54	0.23	185.06	0.25	185.58	0.28	186.10	0.30
184.55	0.23	185.07	0.26	185.59	0.28	186.11	0.31
184.56	0.23	185.08	0.26	185.60	0.28	186.12	0.31
184.57	0.23	185.09	0.26	185.61	0.28	186.13	0.31
184.58	0.23	185.10	0.26	185.62	0.28	186.14	0.31
184.59	0.23	185.11	0.26	185.63	0.28	186.15	0.31
184.60	0.23	185.12	0.26	185.64	0.28	186.16	0.31
184.61	0.23	185.13	0.26	185.65	0.28	186.17	0.31
184.62	0.23	185.14	0.26	185.66	0.28	186.18	0.31
184.63	0.23	185.15	0.26	185.67	0.29	186.19	0.31
184.64	0.23	185.16	0.26	185.68	0.29	186.20	0.31
184.65	0.23	185.17	0.26	185.69	0.29	186.21	0.31
184.66	0.23	185.18	0.26	185.70	0.29	186.22	0.31
184.67	0.23	185.19	0.26	185.71	0.29	186.23	0.31

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	0.31	186.76	0.33	187.28	2.26	187.80	29.53
186.25	0.31	186.77	0.33	187.29	2.37	187.81	30.79
186.26	0.31	186.78	0.33	187.30	2.47	187.82	32.07
186.27	0.31	186.79	0.33	187.31	2.58	187.83	33.39
186.28	0.31	186.80	0.33	187.32	2.68	187.84	34.72
186.29	0.31	186.81	0.33	187.33	2.79	187.85	36.09
186.30	0.31	186.82	0.34	187.34	2.90	187.86	37.47
186.31	0.31	186.83	0.34	187.35	3.02	187.87	38.89
186.32	0.31	186.84	0.34	187.36	3.13	187.88	40.32
186.33	0.31	186.85	0.34	187.37	3.25	187.89	41.78
186.34	0.32	186.86	0.34	187.38	3.36	187.90	43.27
186.35	0.32	186.87	0.34	187.39	3.48	187.91	44.81
186.36	0.32	186.88	0.34	187.40	3.60	187.92	46.38
186.37	0.32	186.89	0.34	187.41	3.72	187.93	47.97
186.38	0.32	186.90	0.34	187.42	3.84	187.94	49.59
186.39	0.32	186.91	0.34	187.43	3.97	187.95	51.23
186.40	0.32	186.92	0.34	187.44	4.09	187.96	52.91
186.41	0.32	186.93	0.34	187.45	4.22	187.97	54.61
186.42	0.32	186.94	0.34	187.46	4.35	187.98	56.33
186.43	0.32	186.95	0.34	187.47	4.48	187.99	58.09
186.44	0.32	186.96	0.34	187.48	4.61	188.00	59.87
186.45	0.32	186.97	0.34	187.49	4.74		
186.46	0.32	186.98	0.34	187.50	4.87		
186.47	0.32	186.99	0.34	187.51	5.12		
186.48	0.32	187.00	0.34	187.52	5.47		
186.49	0.32	187.01	0.36	187.53	5.88		
186.50	0.32	187.02	0.38	187.54	6.35		
186.51	0.32	187.03	0.41	187.55	6.86		
186.52	0.32	187.04	0.45	187.56	7.42		
186.53	0.32	187.05	0.49	187.57	8.01		
186.54	0.32	187.06	0.54	187.58	8.63		
186.55	0.32	187.07	0.59	187.59	9.29		
186.56	0.32	187.08	0.64	187.60	9.98		
186.57	0.32	187.09	0.70	187.61	10.70		
186.58	0.33	187.10	0.76	187.62	11.45		
186.59	0.33	187.11	0.82	187.63	12.22		
186.60	0.33	187.12	0.89	187.64	13.02		
186.61	0.33	187.13	0.96	187.65	13.84		
186.62	0.33	187.14	1.03	187.66	14.69		
186.63	0.33	187.15	1.10	187.67	15.57		
186.64	0.33	187.16	1.18	187.68	16.47		
186.65	0.33	187.17	1.26	187.69	17.38		
186.66	0.33	187.18	1.34	187.70	18.33		
186.67	0.33	187.19	1.42	187.71	19.33		
186.68	0.33	187.20	1.51	187.72	20.36		
186.69	0.33	187.21	1.60	187.73	21.41		
186.70	0.33	187.22	1.69	187.74	22.49		
186.71	0.33	187.23	1.78	187.75	23.60		
186.72	0.33	187.24	1.87	187.76	24.73		
186.73	0.33	187.25	1.97	187.77	25.89		
186.74	0.33	187.26	2.06	187.78	27.08		
186.75	0.33	187.27	2.16	187.79	28.29		

Stage-Area-Storage for Pond B-46B: Basin #46B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,813	0	180.52	6,410	3,178
180.01	5,824	58	180.53	6,421	3,242
180.02	5,836	116	180.54	6,433	3,306
180.03	5,847	175	180.55	6,444	3,371
180.04	5,859	233	180.56	6,456	3,435
180.05	5,870	292	180.57	6,467	3,500
180.06	5,882	351	180.58	6,479	3,565
180.07	5,893	410	180.59	6,490	3,629
180.08	5,905	469	180.60	6,502	3,694
180.09	5,916	528	180.61	6,513	3,760
180.10	5,928	587	180.62	6,525	3,825
180.11	5,939	646	180.63	6,536	3,890
180.12	5,951	706	180.64	6,548	3,955
180.13	5,962	765	180.65	6,559	4,021
180.14	5,974	825	180.66	6,571	4,087
180.15	5,985	885	180.67	6,582	4,152
180.16	5,997	945	180.68	6,594	4,218
180.17	6,008	1,005	180.69	6,605	4,284
180.18	6,020	1,065	180.70	6,617	4,350
180.19	6,031	1,125	180.71	6,628	4,417
180.20	6,043	1,186	180.72	6,640	4,483
180.21	6,054	1,246	180.73	6,651	4,549
180.22	6,066	1,307	180.74	6,663	4,616
180.23	6,077	1,367	180.75	6,674	4,683
180.24	6,089	1,428	180.76	6,685	4,749
180.25	6,100	1,489	180.77	6,697	4,816
180.26	6,111	1,550	180.78	6,708	4,883
180.27	6,123	1,611	180.79	6,720	4,951
180.28	6,134	1,673	180.80	6,731	5,018
180.29	6,146	1,734	180.81	6,743	5,085
180.30	6,157	1,796	180.82	6,754	5,153
180.31	6,169	1,857	180.83	6,766	5,220
180.32	6,180	1,919	180.84	6,777	5,288
180.33	6,192	1,981	180.85	6,789	5,356
180.34	6,203	2,043	180.86	6,800	5,424
180.35	6,215	2,105	180.87	6,812	5,492
180.36	6,226	2,167	180.88	6,823	5,560
180.37	6,238	2,229	180.89	6,835	5,628
180.38	6,249	2,292	180.90	6,846	5,697
180.39	6,261	2,354	180.91	6,858	5,765
180.40	6,272	2,417	180.92	6,869	5,834
180.41	6,284	2,480	180.93	6,881	5,903
180.42	6,295	2,543	180.94	6,892	5,971
180.43	6,307	2,606	180.95	6,904	6,040
180.44	6,318	2,669	180.96	6,915	6,109
180.45	6,330	2,732	180.97	6,927	6,179
180.46	6,341	2,795	180.98	6,938	6,248
180.47	6,353	2,859	180.99	6,950	6,317
180.48	6,364	2,922	181.00	6,961	6,387
180.49	6,376	2,986	181.01	6,973	6,457
180.50	6,387	3,050	181.02	6,985	6,526
180.51	6,398	3,114	181.03	6,998	6,596

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	7,010	6,666	181.56	7,644	10,476
181.05	7,022	6,737	181.57	7,656	10,553
181.06	7,034	6,807	181.58	7,669	10,630
181.07	7,046	6,877	181.59	7,681	10,706
181.08	7,059	6,948	181.60	7,693	10,783
181.09	7,071	7,018	181.61	7,705	10,860
181.10	7,083	7,089	181.62	7,717	10,937
181.11	7,095	7,160	181.63	7,730	11,015
181.12	7,107	7,231	181.64	7,742	11,092
181.13	7,120	7,302	181.65	7,754	11,169
181.14	7,132	7,373	181.66	7,766	11,247
181.15	7,144	7,445	181.67	7,778	11,325
181.16	7,156	7,516	181.68	7,791	11,403
181.17	7,168	7,588	181.69	7,803	11,481
181.18	7,181	7,660	181.70	7,815	11,559
181.19	7,193	7,732	181.71	7,827	11,637
181.20	7,205	7,804	181.72	7,839	11,715
181.21	7,217	7,876	181.73	7,852	11,794
181.22	7,229	7,948	181.74	7,864	11,872
181.23	7,242	8,020	181.75	7,876	11,951
181.24	7,254	8,093	181.76	7,888	12,030
181.25	7,266	8,165	181.77	7,900	12,109
181.26	7,278	8,238	181.78	7,913	12,188
181.27	7,290	8,311	181.79	7,925	12,267
181.28	7,303	8,384	181.80	7,937	12,346
181.29	7,315	8,457	181.81	7,949	12,426
181.30	7,327	8,530	181.82	7,961	12,505
181.31	7,339	8,604	181.83	7,974	12,585
181.32	7,351	8,677	181.84	7,986	12,665
181.33	7,364	8,751	181.85	7,998	12,745
181.34	7,376	8,824	181.86	8,010	12,825
181.35	7,388	8,898	181.87	8,022	12,905
181.36	7,400	8,972	181.88	8,035	12,985
181.37	7,412	9,046	181.89	8,047	13,065
181.38	7,425	9,120	181.90	8,059	13,146
181.39	7,437	9,195	181.91	8,071	13,227
181.40	7,449	9,269	181.92	8,083	13,307
181.41	7,461	9,344	181.93	8,096	13,388
181.42	7,473	9,418	181.94	8,108	13,469
181.43	7,486	9,493	181.95	8,120	13,550
181.44	7,498	9,568	181.96	8,132	13,632
181.45	7,510	9,643	181.97	8,144	13,713
181.46	7,522	9,718	181.98	8,157	13,795
181.47	7,534	9,793	181.99	8,169	13,876
181.48	7,547	9,869	182.00	8,181	13,958
181.49	7,559	9,944	182.01	8,194	14,040
181.50	7,571	10,020	182.02	8,207	14,122
181.51	7,583	10,096	182.03	8,220	14,204
181.52	7,595	10,172	182.04	8,233	14,286
181.53	7,608	10,248	182.05	8,246	14,369
181.54	7,620	10,324	182.06	8,258	14,451
181.55	7,632	10,400	182.07	8,271	14,534

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,284	14,617	182.60	8,955	19,099
182.09	8,297	14,700	182.61	8,968	19,188
182.10	8,310	14,783	182.62	8,981	19,278
182.11	8,323	14,866	182.63	8,994	19,368
182.12	8,336	14,949	182.64	9,007	19,458
182.13	8,349	15,032	182.65	9,020	19,548
182.14	8,362	15,116	182.66	9,032	19,638
182.15	8,375	15,200	182.67	9,045	19,729
182.16	8,387	15,283	182.68	9,058	19,819
182.17	8,400	15,367	182.69	9,071	19,910
182.18	8,413	15,451	182.70	9,084	20,001
182.19	8,426	15,536	182.71	9,097	20,092
182.20	8,439	15,620	182.72	9,110	20,183
182.21	8,452	15,704	182.73	9,123	20,274
182.22	8,465	15,789	182.74	9,136	20,365
182.23	8,478	15,874	182.75	9,149	20,457
182.24	8,491	15,959	182.76	9,161	20,548
182.25	8,504	16,044	182.77	9,174	20,640
182.26	8,516	16,129	182.78	9,187	20,732
182.27	8,529	16,214	182.79	9,200	20,824
182.28	8,542	16,299	182.80	9,213	20,916
182.29	8,555	16,385	182.81	9,226	21,008
182.30	8,568	16,470	182.82	9,239	21,100
182.31	8,581	16,556	182.83	9,252	21,193
182.32	8,594	16,642	182.84	9,265	21,285
182.33	8,607	16,728	182.85	9,277	21,378
182.34	8,620	16,814	182.86	9,290	21,471
182.35	8,632	16,900	182.87	9,303	21,564
182.36	8,645	16,987	182.88	9,316	21,657
182.37	8,658	17,073	182.89	9,329	21,750
182.38	8,671	17,160	182.90	9,342	21,843
182.39	8,684	17,247	182.91	9,355	21,937
182.40	8,697	17,334	182.92	9,368	22,030
182.41	8,710	17,421	182.93	9,381	22,124
182.42	8,723	17,508	182.94	9,394	22,218
182.43	8,736	17,595	182.95	9,406	22,312
182.44	8,749	17,683	182.96	9,419	22,406
182.45	8,761	17,770	182.97	9,432	22,500
182.46	8,774	17,858	182.98	9,445	22,595
182.47	8,787	17,946	182.99	9,458	22,689
182.48	8,800	18,033	183.00	9,471	22,784
182.49	8,813	18,122	183.01	9,487	22,879
182.50	8,826	18,210	183.02	9,503	22,974
182.51	8,839	18,298	183.03	9,519	23,069
182.52	8,852	18,387	183.04	9,535	23,164
182.53	8,865	18,475	183.05	9,550	23,260
182.54	8,878	18,564	183.06	9,566	23,355
182.55	8,891	18,653	183.07	9,582	23,451
182.56	8,903	18,742	183.08	9,598	23,547
182.57	8,916	18,831	183.09	9,614	23,643
182.58	8,929	18,920	183.10	9,630	23,739
182.59	8,942	19,009	183.11	9,646	23,835

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,662	23,932	183.64	10,487	29,171
183.13	9,677	24,029	183.65	10,503	29,276
183.14	9,693	24,126	183.66	10,519	29,381
183.15	9,709	24,223	183.67	10,535	29,486
183.16	9,725	24,320	183.68	10,551	29,591
183.17	9,741	24,417	183.69	10,567	29,697
183.18	9,757	24,515	183.70	10,583	29,803
183.19	9,773	24,612	183.71	10,598	29,909
183.20	9,789	24,710	183.72	10,614	30,015
183.21	9,804	24,808	183.73	10,630	30,121
183.22	9,820	24,906	183.74	10,646	30,227
183.23	9,836	25,004	183.75	10,662	30,334
183.24	9,852	25,103	183.76	10,678	30,441
183.25	9,868	25,201	183.77	10,694	30,547
183.26	9,884	25,300	183.78	10,710	30,654
183.27	9,900	25,399	183.79	10,726	30,762
183.28	9,916	25,498	183.80	10,741	30,869
183.29	9,932	25,597	183.81	10,757	30,976
183.30	9,947	25,697	183.82	10,773	31,084
183.31	9,963	25,796	183.83	10,789	31,192
183.32	9,979	25,896	183.84	10,805	31,300
183.33	9,995	25,996	183.85	10,821	31,408
183.34	10,011	26,096	183.86	10,837	31,516
183.35	10,027	26,196	183.87	10,853	31,625
183.36	10,043	26,296	183.88	10,868	31,733
183.37	10,059	26,397	183.89	10,884	31,842
183.38	10,074	26,498	183.90	10,900	31,951
183.39	10,090	26,598	183.91	10,916	32,060
183.40	10,106	26,699	183.92	10,932	32,169
183.41	10,122	26,801	183.93	10,948	32,279
183.42	10,138	26,902	183.94	10,964	32,388
183.43	10,154	27,003	183.95	10,980	32,498
183.44	10,170	27,105	183.96	10,995	32,608
183.45	10,186	27,207	183.97	11,011	32,718
183.46	10,201	27,309	183.98	11,027	32,828
183.47	10,217	27,411	183.99	11,043	32,938
183.48	10,233	27,513	184.00	11,059	33,049
183.49	10,249	27,615	184.01	11,072	33,160
183.50	10,265	27,718	184.02	11,086	33,270
183.51	10,281	27,821	184.03	11,099	33,381
183.52	10,297	27,924	184.04	11,113	33,492
183.53	10,313	28,027	184.05	11,126	33,604
183.54	10,329	28,130	184.06	11,140	33,715
183.55	10,344	28,233	184.07	11,153	33,826
183.56	10,360	28,337	184.08	11,166	33,938
183.57	10,376	28,440	184.09	11,180	34,050
183.58	10,392	28,544	184.10	11,193	34,162
183.59	10,408	28,648	184.11	11,207	34,274
183.60	10,424	28,752	184.12	11,220	34,386
183.61	10,440	28,857	184.13	11,234	34,498
183.62	10,456	28,961	184.14	11,247	34,610
183.63	10,471	29,066	184.15	11,260	34,723

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	11,274	34,836	184.68	11,972	40,880
184.17	11,287	34,948	184.69	11,986	40,999
184.18	11,301	35,061	184.70	11,999	41,119
184.19	11,314	35,174	184.71	12,013	41,239
184.20	11,328	35,288	184.72	12,026	41,360
184.21	11,341	35,401	184.73	12,039	41,480
184.22	11,354	35,514	184.74	12,053	41,600
184.23	11,368	35,628	184.75	12,066	41,721
184.24	11,381	35,742	184.76	12,080	41,842
184.25	11,395	35,856	184.77	12,093	41,963
184.26	11,408	35,970	184.78	12,107	42,084
184.27	11,422	36,084	184.79	12,120	42,205
184.28	11,435	36,198	184.80	12,133	42,326
184.29	11,448	36,313	184.81	12,147	42,447
184.30	11,462	36,427	184.82	12,160	42,569
184.31	11,475	36,542	184.83	12,174	42,691
184.32	11,489	36,657	184.84	12,187	42,812
184.33	11,502	36,772	184.85	12,201	42,934
184.34	11,516	36,887	184.86	12,214	43,056
184.35	11,529	37,002	184.87	12,227	43,179
184.36	11,542	37,117	184.88	12,241	43,301
184.37	11,556	37,233	184.89	12,254	43,423
184.38	11,569	37,348	184.90	12,268	43,546
184.39	11,583	37,464	184.91	12,281	43,669
184.40	11,596	37,580	184.92	12,295	43,792
184.41	11,610	37,696	184.93	12,308	43,915
184.42	11,623	37,812	184.94	12,321	44,038
184.43	11,636	37,929	184.95	12,335	44,161
184.44	11,650	38,045	184.96	12,348	44,284
184.45	11,663	38,162	184.97	12,362	44,408
184.46	11,677	38,278	184.98	12,375	44,532
184.47	11,690	38,395	184.99	12,389	44,656
184.48	11,704	38,512	185.00	12,402	44,780
184.49	11,717	38,629	185.01	12,416	44,904
184.50	11,731	38,746	185.02	12,430	45,028
184.51	11,744	38,864	185.03	12,444	45,152
184.52	11,757	38,981	185.04	12,458	45,277
184.53	11,771	39,099	185.05	12,472	45,401
184.54	11,784	39,217	185.06	12,486	45,526
184.55	11,798	39,335	185.07	12,500	45,651
184.56	11,811	39,453	185.08	12,514	45,776
184.57	11,825	39,571	185.09	12,528	45,901
184.58	11,838	39,689	185.10	12,542	46,027
184.59	11,851	39,808	185.11	12,556	46,152
184.60	11,865	39,926	185.12	12,570	46,278
184.61	11,878	40,045	185.13	12,584	46,404
184.62	11,892	40,164	185.14	12,598	46,530
184.63	11,905	40,283	185.15	12,612	46,656
184.64	11,919	40,402	185.16	12,626	46,782
184.65	11,932	40,521	185.17	12,640	46,908
184.66	11,945	40,640	185.18	12,654	47,035
184.67	11,959	40,760	185.19	12,668	47,161

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	12,682	47,288	185.72	13,411	54,072
185.21	12,696	47,415	185.73	13,425	54,206
185.22	12,710	47,542	185.74	13,439	54,341
185.23	12,724	47,669	185.75	13,453	54,475
185.24	12,738	47,796	185.76	13,467	54,610
185.25	12,752	47,924	185.77	13,481	54,744
185.26	12,766	48,051	185.78	13,495	54,879
185.27	12,780	48,179	185.79	13,509	55,014
185.28	12,794	48,307	185.80	13,523	55,149
185.29	12,808	48,435	185.81	13,537	55,285
185.30	12,822	48,563	185.82	13,551	55,420
185.31	12,836	48,691	185.83	13,565	55,556
185.32	12,850	48,820	185.84	13,579	55,691
185.33	12,864	48,948	185.85	13,593	55,827
185.34	12,878	49,077	185.86	13,607	55,963
185.35	12,892	49,206	185.87	13,621	56,099
185.36	12,906	49,335	185.88	13,635	56,236
185.37	12,920	49,464	185.89	13,649	56,372
185.38	12,934	49,593	185.90	13,663	56,509
185.39	12,948	49,723	185.91	13,677	56,645
185.40	12,962	49,852	185.92	13,691	56,782
185.41	12,976	49,982	185.93	13,705	56,919
185.42	12,990	50,112	185.94	13,719	57,056
185.43	13,004	50,242	185.95	13,733	57,194
185.44	13,018	50,372	185.96	13,747	57,331
185.45	13,032	50,502	185.97	13,761	57,469
185.46	13,046	50,633	185.98	13,775	57,606
185.47	13,060	50,763	185.99	13,789	57,744
185.48	13,074	50,894	186.00	13,803	57,882
185.49	13,088	51,025	186.01	13,818	58,020
185.50	13,103	51,156	186.02	13,832	58,158
185.51	13,117	51,287	186.03	13,847	58,297
185.52	13,131	51,418	186.04	13,861	58,435
185.53	13,145	51,549	186.05	13,876	58,574
185.54	13,159	51,681	186.06	13,890	58,713
185.55	13,173	51,813	186.07	13,905	58,852
185.56	13,187	51,944	186.08	13,919	58,991
185.57	13,201	52,076	186.09	13,934	59,130
185.58	13,215	52,208	186.10	13,949	59,270
185.59	13,229	52,341	186.11	13,963	59,409
185.60	13,243	52,473	186.12	13,978	59,549
185.61	13,257	52,605	186.13	13,992	59,689
185.62	13,271	52,738	186.14	14,007	59,829
185.63	13,285	52,871	186.15	14,021	59,969
185.64	13,299	53,004	186.16	14,036	60,109
185.65	13,313	53,137	186.17	14,051	60,250
185.66	13,327	53,270	186.18	14,065	60,390
185.67	13,341	53,403	186.19	14,080	60,531
185.68	13,355	53,537	186.20	14,094	60,672
185.69	13,369	53,670	186.21	14,109	60,813
185.70	13,383	53,804	186.22	14,123	60,954
185.71	13,397	53,938	186.23	14,138	61,095

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	14,152	61,237	186.76	14,910	68,793
186.25	14,167	61,378	186.77	14,924	68,942
186.26	14,182	61,520	186.78	14,939	69,091
186.27	14,196	61,662	186.79	14,953	69,241
186.28	14,211	61,804	186.80	14,968	69,390
186.29	14,225	61,946	186.81	14,982	69,540
186.30	14,240	62,088	186.82	14,997	69,690
186.31	14,254	62,231	186.83	15,011	69,840
186.32	14,269	62,374	186.84	15,026	69,990
186.33	14,283	62,516	186.85	15,041	70,141
186.34	14,298	62,659	186.86	15,055	70,291
186.35	14,313	62,802	186.87	15,070	70,442
186.36	14,327	62,945	186.88	15,084	70,592
186.37	14,342	63,089	186.89	15,099	70,743
186.38	14,356	63,232	186.90	15,113	70,894
186.39	14,371	63,376	186.91	15,128	71,046
186.40	14,385	63,520	186.92	15,143	71,197
186.41	14,400	63,664	186.93	15,157	71,348
186.42	14,415	63,808	186.94	15,172	71,500
186.43	14,429	63,952	186.95	15,186	71,652
186.44	14,444	64,096	186.96	15,201	71,804
186.45	14,458	64,241	186.97	15,215	71,956
186.46	14,473	64,385	186.98	15,230	72,108
186.47	14,487	64,530	186.99	15,244	72,260
186.48	14,502	64,675	187.00	15,259	72,413
186.49	14,516	64,820	187.01	15,274	72,566
186.50	14,531	64,966	187.02	15,289	72,718
186.51	14,546	65,111	187.03	15,304	72,871
186.52	14,560	65,256	187.04	15,320	73,025
186.53	14,575	65,402	187.05	15,335	73,178
186.54	14,589	65,548	187.06	15,350	73,331
186.55	14,604	65,694	187.07	15,365	73,485
186.56	14,618	65,840	187.08	15,380	73,639
186.57	14,633	65,986	187.09	15,395	73,792
186.58	14,647	66,133	187.10	15,410	73,946
186.59	14,662	66,279	187.11	15,425	74,101
186.60	14,677	66,426	187.12	15,441	74,255
186.61	14,691	66,573	187.13	15,456	74,409
186.62	14,706	66,720	187.14	15,471	74,564
186.63	14,720	66,867	187.15	15,486	74,719
186.64	14,735	67,014	187.16	15,501	74,874
186.65	14,749	67,162	187.17	15,516	75,029
186.66	14,764	67,309	187.18	15,531	75,184
186.67	14,779	67,457	187.19	15,546	75,340
186.68	14,793	67,605	187.20	15,562	75,495
186.69	14,808	67,753	187.21	15,577	75,651
186.70	14,822	67,901	187.22	15,592	75,807
186.71	14,837	68,049	187.23	15,607	75,963
186.72	14,851	68,198	187.24	15,622	76,119
186.73	14,866	68,346	187.25	15,637	76,275
186.74	14,880	68,495	187.26	15,652	76,431
186.75	14,895	68,644	187.27	15,668	76,588

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	15,683	76,745	187.80	16,469	85,104
187.29	15,698	76,902	187.81	16,485	85,269
187.30	15,713	77,059	187.82	16,500	85,434
187.31	15,728	77,216	187.83	16,515	85,599
187.32	15,743	77,373	187.84	16,530	85,764
187.33	15,758	77,531	187.85	16,545	85,930
187.34	15,773	77,689	187.86	16,560	86,095
187.35	15,789	77,846	187.87	16,575	86,261
187.36	15,804	78,004	187.88	16,590	86,427
187.37	15,819	78,162	187.89	16,606	86,593
187.38	15,834	78,321	187.90	16,621	86,759
187.39	15,849	78,479	187.91	16,636	86,925
187.40	15,864	78,638	187.92	16,651	87,092
187.41	15,879	78,796	187.93	16,666	87,258
187.42	15,894	78,955	187.94	16,681	87,425
187.43	15,910	79,114	187.95	16,696	87,592
187.44	15,925	79,273	187.96	16,711	87,759
187.45	15,940	79,433	187.97	16,727	87,926
187.46	15,955	79,592	187.98	16,742	88,093
187.47	15,970	79,752	187.99	16,757	88,261
187.48	15,985	79,912	188.00	16,772	88,429
187.49	16,000	80,072			
187.50	16,016	80,232			
187.51	16,031	80,392			
187.52	16,046	80,552			
187.53	16,061	80,713			
187.54	16,076	80,873			
187.55	16,091	81,034			
187.56	16,106	81,195			
187.57	16,121	81,356			
187.58	16,137	81,518			
187.59	16,152	81,679			
187.60	16,167	81,841			
187.61	16,182	82,002			
187.62	16,197	82,164			
187.63	16,212	82,326			
187.64	16,227	82,489			
187.65	16,242	82,651			
187.66	16,258	82,813			
187.67	16,273	82,976			
187.68	16,288	83,139			
187.69	16,303	83,302			
187.70	16,318	83,465			
187.71	16,333	83,628			
187.72	16,348	83,792			
187.73	16,363	83,955			
187.74	16,379	84,119			
187.75	16,394	84,283			
187.76	16,409	84,447			
187.77	16,424	84,611			
187.78	16,439	84,775			
187.79	16,454	84,940			

Summary for Pond B-47: Basin #47

Inflow Area = 2.436 ac, 30.62% Impervious, Inflow Depth = 1.74" for Current 2 yr event
 Inflow = 3.58 cfs @ 12.12 hrs, Volume= 0.354 af
 Outflow = 0.11 cfs @ 17.60 hrs, Volume= 0.180 af, Atten= 97%, Lag= 329.0 min
 Primary = 0.11 cfs @ 17.60 hrs, Volume= 0.180 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.54' @ 17.60 hrs Surf.Area= 22,354 sf Storage= 11,700 cf

Plug-Flow detention time= 802.3 min calculated for 0.179 af (51% of inflow)
 Center-of-Mass det. time= 670.5 min (1,479.0 - 808.5)

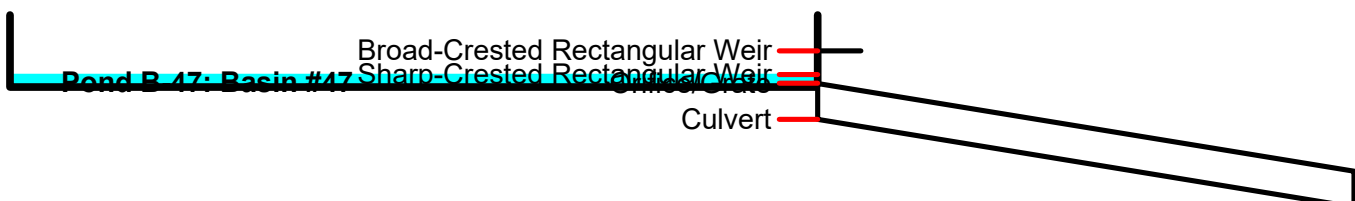
Volume	Invert	Avail.Storage	Storage Description
#1	189.00'	72,844 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

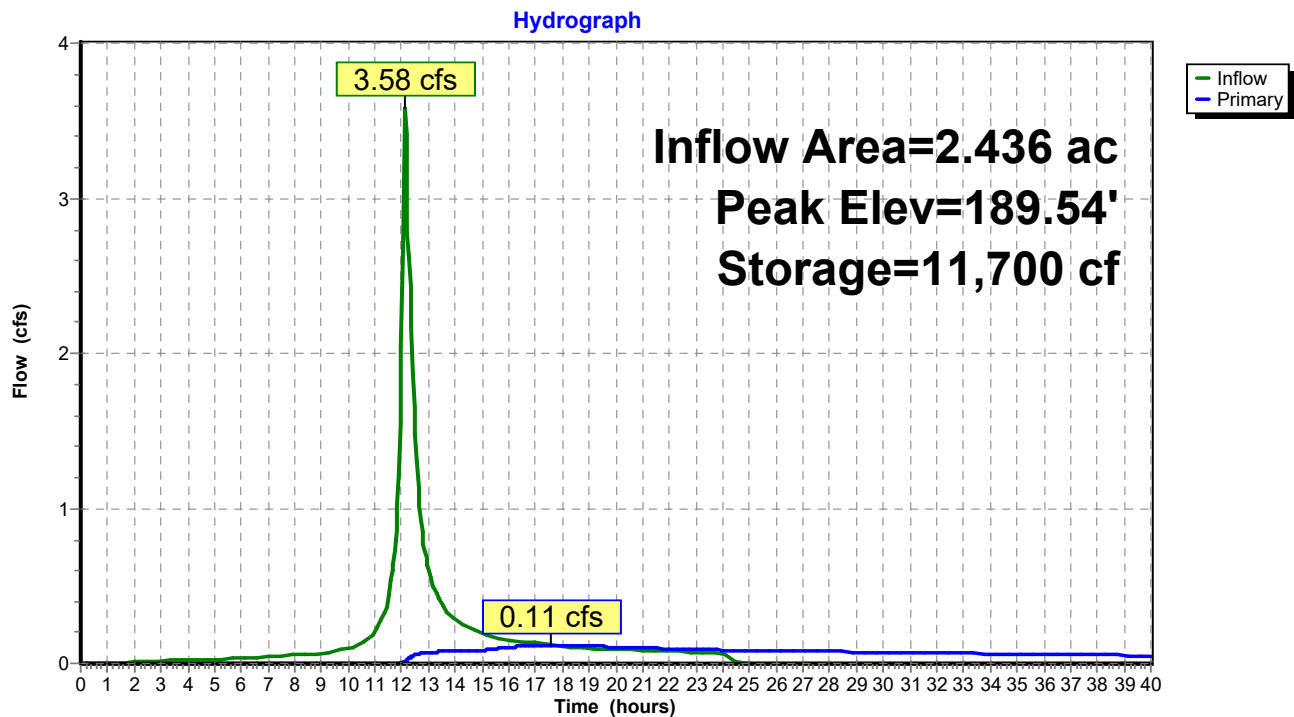
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
189.00	21,318	0	0
190.00	23,252	22,285	22,285
191.00	25,242	24,247	46,532
192.00	27,382	26,312	72,844

Device	Routing	Invert	Outlet Devices
#1	Primary	187.65'	18.0" Round Culvert L= 62.0' Ke= 0.500 Inlet / Outlet Invert= 187.65' / 184.00' S= 0.0589 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	189.16'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.52'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.51'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.11 cfs @ 17.60 hrs HW=189.54' (Free Discharge)

1=Culvert (Passes 0.11 cfs of 9.07 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.09 cfs @ 2.51 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.03 cfs @ 0.41 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-47: Basin #47

Hydrograph for Pond B-47: Basin #47

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	189.00	0.00
0.10	0.00	0	189.00	0.00
0.20	0.00	0	189.00	0.00
0.30	0.00	0	189.00	0.00
0.40	0.00	0	189.00	0.00
0.50	0.00	0	189.00	0.00
0.60	0.00	0	189.00	0.00
0.70	0.00	0	189.00	0.00
0.80	0.00	0	189.00	0.00
0.90	0.00	0	189.00	0.00
1.00	0.00	0	189.00	0.00
1.10	0.00	0	189.00	0.00
1.20	0.00	0	189.00	0.00
1.30	0.00	0	189.00	0.00
1.40	0.00	1	189.00	0.00
1.50	0.00	2	189.00	0.00
1.60	0.00	3	189.00	0.00
1.70	0.01	5	189.00	0.00
1.80	0.01	7	189.00	0.00
1.90	0.01	9	189.00	0.00
2.00	0.01	12	189.00	0.00
2.10	0.01	15	189.00	0.00
2.20	0.01	18	189.00	0.00
2.30	0.01	22	189.00	0.00
2.40	0.01	25	189.00	0.00
2.50	0.01	29	189.00	0.00
2.60	0.01	34	189.00	0.00
2.70	0.01	38	189.00	0.00
2.80	0.01	43	189.00	0.00
2.90	0.01	48	189.00	0.00
3.00	0.02	54	189.00	0.00
3.10	0.02	59	189.00	0.00
3.20	0.02	65	189.00	0.00
3.30	0.02	71	189.00	0.00
3.40	0.02	78	189.00	0.00
3.50	0.02	84	189.00	0.00
3.60	0.02	91	189.00	0.00
3.70	0.02	98	189.00	0.00
3.80	0.02	105	189.00	0.00
3.90	0.02	112	189.01	0.00
4.00	0.02	120	189.01	0.00
4.10	0.02	128	189.01	0.00
4.20	0.02	136	189.01	0.00
4.30	0.02	144	189.01	0.00
4.40	0.02	153	189.01	0.00
4.50	0.02	161	189.01	0.00
4.60	0.02	170	189.01	0.00
4.70	0.03	179	189.01	0.00
4.80	0.03	188	189.01	0.00
4.90	0.03	197	189.01	0.00
5.00	0.03	207	189.01	0.00
5.10	0.03	216	189.01	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	226	189.01	0.00
5.30	0.03	236	189.01	0.00
5.40	0.03	246	189.01	0.00
5.50	0.03	257	189.01	0.00
5.60	0.03	267	189.01	0.00
5.70	0.03	278	189.01	0.00
5.80	0.03	289	189.01	0.00
5.90	0.03	300	189.01	0.00
6.00	0.03	311	189.01	0.00
6.10	0.03	322	189.02	0.00
6.20	0.03	334	189.02	0.00
6.30	0.03	346	189.02	0.00
6.40	0.04	359	189.02	0.00
6.50	0.04	372	189.02	0.00
6.60	0.04	385	189.02	0.00
6.70	0.04	398	189.02	0.00
6.80	0.04	412	189.02	0.00
6.90	0.04	427	189.02	0.00
7.00	0.04	441	189.02	0.00
7.10	0.04	457	189.02	0.00
7.20	0.04	472	189.02	0.00
7.30	0.04	488	189.02	0.00
7.40	0.05	504	189.02	0.00
7.50	0.05	521	189.02	0.00
7.60	0.05	538	189.03	0.00
7.70	0.05	555	189.03	0.00
7.80	0.05	573	189.03	0.00
7.90	0.05	592	189.03	0.00
8.00	0.05	610	189.03	0.00
8.10	0.05	629	189.03	0.00
8.20	0.05	649	189.03	0.00
8.30	0.06	669	189.03	0.00
8.40	0.06	689	189.03	0.00
8.50	0.06	709	189.03	0.00
8.60	0.06	731	189.03	0.00
8.70	0.06	752	189.04	0.00
8.80	0.06	774	189.04	0.00
8.90	0.06	796	189.04	0.00
9.00	0.06	819	189.04	0.00
9.10	0.07	842	189.04	0.00
9.20	0.07	867	189.04	0.00
9.30	0.07	893	189.04	0.00
9.40	0.08	920	189.04	0.00
9.50	0.08	948	189.04	0.00
9.60	0.09	978	189.05	0.00
9.70	0.09	1,010	189.05	0.00
9.80	0.09	1,042	189.05	0.00
9.90	0.10	1,076	189.05	0.00
10.00	0.10	1,111	189.05	0.00
10.10	0.10	1,148	189.05	0.00
10.20	0.11	1,186	189.06	0.00
10.30	0.11	1,226	189.06	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,266	189.06	0.00
10.50	0.12	1,309	189.06	0.00
10.60	0.13	1,354	189.06	0.00
10.70	0.15	1,403	189.07	0.00
10.80	0.16	1,458	189.07	0.00
10.90	0.18	1,519	189.07	0.00
11.00	0.20	1,587	189.07	0.00
11.10	0.23	1,663	189.08	0.00
11.20	0.26	1,750	189.08	0.00
11.30	0.30	1,851	189.09	0.00
11.40	0.34	1,965	189.09	0.00
11.50	0.38	2,094	189.10	0.00
11.60	0.55	2,257	189.11	0.00
11.70	0.64	2,471	189.12	0.00
11.80	0.86	2,737	189.13	0.00
11.90	1.22	3,106	189.14	0.00
12.00	2.04	3,679	189.17	0.00
12.10	3.51	4,656	189.22	0.01
12.20	2.79	5,831	189.27	0.02
12.30	2.43	6,765	189.31	0.04
12.40	1.87	7,529	189.35	0.05
12.50	1.49	8,109	189.37	0.05
12.60	1.13	8,560	189.39	0.06
12.70	0.92	8,905	189.41	0.06
12.80	0.77	9,186	189.42	0.07
12.90	0.68	9,423	189.43	0.07
13.00	0.60	9,628	189.44	0.07
13.10	0.53	9,807	189.45	0.07
13.20	0.48	9,964	189.46	0.07
13.30	0.44	10,105	189.46	0.07
13.40	0.41	10,231	189.47	0.07
13.50	0.37	10,344	189.47	0.08
13.60	0.34	10,444	189.48	0.08
13.70	0.32	10,534	189.48	0.08
13.80	0.30	10,617	189.49	0.08
13.90	0.29	10,694	189.49	0.08
14.00	0.28	10,766	189.49	0.08
14.10	0.27	10,835	189.50	0.08
14.20	0.26	10,901	189.50	0.08
14.30	0.25	10,964	189.50	0.08
14.40	0.24	11,023	189.51	0.08
14.50	0.23	11,079	189.51	0.08
14.60	0.22	11,132	189.51	0.08
14.70	0.22	11,181	189.51	0.08
14.80	0.21	11,228	189.51	0.08
14.90	0.20	11,271	189.52	0.08
15.00	0.19	11,311	189.52	0.08
15.10	0.18	11,348	189.52	0.08
15.20	0.17	11,381	189.52	0.09
15.30	0.17	11,411	189.52	0.09
15.40	0.17	11,439	189.52	0.09
15.50	0.16	11,465	189.53	0.09

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	11,490	189.53	0.10
15.70	0.16	11,512	189.53	0.10
15.80	0.16	11,533	189.53	0.10
15.90	0.15	11,553	189.53	0.10
16.00	0.15	11,571	189.53	0.10
16.10	0.15	11,588	189.53	0.10
16.20	0.15	11,603	189.53	0.11
16.30	0.14	11,618	189.53	0.11
16.40	0.14	11,631	189.53	0.11
16.50	0.14	11,642	189.53	0.11
16.60	0.14	11,653	189.53	0.11
16.70	0.14	11,662	189.53	0.11
16.80	0.13	11,670	189.53	0.11
16.90	0.13	11,678	189.53	0.11
17.00	0.13	11,684	189.54	0.11
17.10	0.13	11,689	189.54	0.11
17.20	0.12	11,693	189.54	0.11
17.30	0.12	11,696	189.54	0.11
17.40	0.12	11,698	189.54	0.11
17.50	0.12	11,700	189.54	0.11
17.60	0.11	11,700	189.54	0.11
17.70	0.11	11,700	189.54	0.11
17.80	0.11	11,699	189.54	0.11
17.90	0.11	11,697	189.54	0.11
18.00	0.11	11,694	189.54	0.11
18.10	0.10	11,690	189.54	0.11
18.20	0.10	11,686	189.54	0.11
18.30	0.10	11,681	189.53	0.11
18.40	0.10	11,677	189.53	0.11
18.50	0.10	11,672	189.53	0.11
18.60	0.10	11,667	189.53	0.11
18.70	0.10	11,661	189.53	0.11
18.80	0.10	11,656	189.53	0.11
18.90	0.10	11,651	189.53	0.11
19.00	0.10	11,646	189.53	0.11
19.10	0.09	11,641	189.53	0.11
19.20	0.09	11,635	189.53	0.11
19.30	0.09	11,630	189.53	0.11
19.40	0.09	11,625	189.53	0.11
19.50	0.09	11,619	189.53	0.11
19.60	0.09	11,614	189.53	0.11
19.70	0.09	11,608	189.53	0.11
19.80	0.09	11,603	189.53	0.11
19.90	0.09	11,598	189.53	0.11
20.00	0.09	11,592	189.53	0.11
20.10	0.09	11,587	189.53	0.10
20.20	0.09	11,581	189.53	0.10
20.30	0.09	11,575	189.53	0.10
20.40	0.09	11,570	189.53	0.10
20.50	0.09	11,564	189.53	0.10
20.60	0.09	11,558	189.53	0.10
20.70	0.09	11,553	189.53	0.10

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.09	11,547	189.53	0.10
20.90	0.08	11,541	189.53	0.10
21.00	0.08	11,535	189.53	0.10
21.10	0.08	11,530	189.53	0.10
21.20	0.08	11,524	189.53	0.10
21.30	0.08	11,518	189.53	0.10
21.40	0.08	11,512	189.53	0.10
21.50	0.08	11,506	189.53	0.10
21.60	0.08	11,500	189.53	0.10
21.70	0.08	11,494	189.53	0.10
21.80	0.08	11,488	189.53	0.10
21.90	0.08	11,482	189.53	0.10
22.00	0.08	11,476	189.53	0.09
22.10	0.08	11,470	189.53	0.09
22.20	0.08	11,464	189.53	0.09
22.30	0.08	11,458	189.52	0.09
22.40	0.08	11,452	189.52	0.09
22.50	0.07	11,446	189.52	0.09
22.60	0.07	11,440	189.52	0.09
22.70	0.07	11,434	189.52	0.09
22.80	0.07	11,428	189.52	0.09
22.90	0.07	11,422	189.52	0.09
23.00	0.07	11,415	189.52	0.09
23.10	0.07	11,409	189.52	0.09
23.20	0.07	11,403	189.52	0.09
23.30	0.07	11,397	189.52	0.09
23.40	0.07	11,390	189.52	0.09
23.50	0.07	11,384	189.52	0.09
23.60	0.07	11,378	189.52	0.09
23.70	0.07	11,372	189.52	0.09
23.80	0.07	11,365	189.52	0.08
23.90	0.07	11,359	189.52	0.08
24.00	0.07	11,354	189.52	0.08
24.10	0.05	11,345	189.52	0.08
24.20	0.03	11,329	189.52	0.08
24.30	0.01	11,307	189.52	0.08
24.40	0.01	11,281	189.52	0.08
24.50	0.00	11,253	189.52	0.08
24.60	0.00	11,224	189.51	0.08
24.70	0.00	11,194	189.51	0.08
24.80	0.00	11,165	189.51	0.08
24.90	0.00	11,136	189.51	0.08
25.00	0.00	11,107	189.51	0.08
25.10	0.00	11,077	189.51	0.08
25.20	0.00	11,048	189.51	0.08
25.30	0.00	11,019	189.51	0.08
25.40	0.00	10,990	189.50	0.08
25.50	0.00	10,961	189.50	0.08
25.60	0.00	10,932	189.50	0.08
25.70	0.00	10,904	189.50	0.08
25.80	0.00	10,875	189.50	0.08
25.90	0.00	10,847	189.50	0.08

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,818	189.50	0.08
26.10	0.00	10,790	189.50	0.08
26.20	0.00	10,761	189.49	0.08
26.30	0.00	10,733	189.49	0.08
26.40	0.00	10,705	189.49	0.08
26.50	0.00	10,677	189.49	0.08
26.60	0.00	10,649	189.49	0.08
26.70	0.00	10,621	189.49	0.08
26.80	0.00	10,593	189.49	0.08
26.90	0.00	10,565	189.48	0.08
27.00	0.00	10,537	189.48	0.08
27.10	0.00	10,510	189.48	0.08
27.20	0.00	10,482	189.48	0.08
27.30	0.00	10,455	189.48	0.08
27.40	0.00	10,427	189.48	0.08
27.50	0.00	10,400	189.48	0.08
27.60	0.00	10,373	189.48	0.08
27.70	0.00	10,346	189.48	0.08
27.80	0.00	10,318	189.47	0.08
27.90	0.00	10,291	189.47	0.07
28.00	0.00	10,265	189.47	0.07
28.10	0.00	10,238	189.47	0.07
28.20	0.00	10,211	189.47	0.07
28.30	0.00	10,184	189.47	0.07
28.40	0.00	10,158	189.47	0.07
28.50	0.00	10,131	189.47	0.07
28.60	0.00	10,105	189.46	0.07
28.70	0.00	10,078	189.46	0.07
28.80	0.00	10,052	189.46	0.07
28.90	0.00	10,026	189.46	0.07
29.00	0.00	10,000	189.46	0.07
29.10	0.00	9,974	189.46	0.07
29.20	0.00	9,948	189.46	0.07
29.30	0.00	9,922	189.46	0.07
29.40	0.00	9,896	189.45	0.07
29.50	0.00	9,870	189.45	0.07
29.60	0.00	9,844	189.45	0.07
29.70	0.00	9,819	189.45	0.07
29.80	0.00	9,793	189.45	0.07
29.90	0.00	9,768	189.45	0.07
30.00	0.00	9,743	189.45	0.07
30.10	0.00	9,717	189.45	0.07
30.20	0.00	9,692	189.45	0.07
30.30	0.00	9,667	189.44	0.07
30.40	0.00	9,642	189.44	0.07
30.50	0.00	9,617	189.44	0.07
30.60	0.00	9,592	189.44	0.07
30.70	0.00	9,567	189.44	0.07
30.80	0.00	9,543	189.44	0.07
30.90	0.00	9,518	189.44	0.07
31.00	0.00	9,493	189.44	0.07
31.10	0.00	9,469	189.44	0.07

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,444	189.43	0.07
31.30	0.00	9,420	189.43	0.07
31.40	0.00	9,396	189.43	0.07
31.50	0.00	9,372	189.43	0.07
31.60	0.00	9,348	189.43	0.07
31.70	0.00	9,324	189.43	0.07
31.80	0.00	9,300	189.43	0.07
31.90	0.00	9,276	189.43	0.07
32.00	0.00	9,252	189.43	0.07
32.10	0.00	9,228	189.42	0.07
32.20	0.00	9,205	189.42	0.07
32.30	0.00	9,181	189.42	0.07
32.40	0.00	9,158	189.42	0.07
32.50	0.00	9,134	189.42	0.06
32.60	0.00	9,111	189.42	0.06
32.70	0.00	9,088	189.42	0.06
32.80	0.00	9,065	189.42	0.06
32.90	0.00	9,042	189.42	0.06
33.00	0.00	9,019	189.42	0.06
33.10	0.00	8,996	189.41	0.06
33.20	0.00	8,973	189.41	0.06
33.30	0.00	8,950	189.41	0.06
33.40	0.00	8,927	189.41	0.06
33.50	0.00	8,905	189.41	0.06
33.60	0.00	8,882	189.41	0.06
33.70	0.00	8,860	189.41	0.06
33.80	0.00	8,838	189.41	0.06
33.90	0.00	8,815	189.41	0.06
34.00	0.00	8,793	189.41	0.06
34.10	0.00	8,771	189.40	0.06
34.20	0.00	8,749	189.40	0.06
34.30	0.00	8,727	189.40	0.06
34.40	0.00	8,705	189.40	0.06
34.50	0.00	8,683	189.40	0.06
34.60	0.00	8,662	189.40	0.06
34.70	0.00	8,640	189.40	0.06
34.80	0.00	8,618	189.40	0.06
34.90	0.00	8,597	189.40	0.06
35.00	0.00	8,576	189.40	0.06
35.10	0.00	8,554	189.39	0.06
35.20	0.00	8,533	189.39	0.06
35.30	0.00	8,512	189.39	0.06
35.40	0.00	8,491	189.39	0.06
35.50	0.00	8,470	189.39	0.06
35.60	0.00	8,449	189.39	0.06
35.70	0.00	8,428	189.39	0.06
35.80	0.00	8,407	189.39	0.06
35.90	0.00	8,386	189.39	0.06
36.00	0.00	8,366	189.39	0.06
36.10	0.00	8,345	189.38	0.06
36.20	0.00	8,325	189.38	0.06
36.30	0.00	8,304	189.38	0.06

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,284	189.38	0.06
36.50	0.00	8,264	189.38	0.06
36.60	0.00	8,244	189.38	0.06
36.70	0.00	8,223	189.38	0.06
36.80	0.00	8,203	189.38	0.06
36.90	0.00	8,183	189.38	0.06
37.00	0.00	8,164	189.38	0.06
37.10	0.00	8,144	189.38	0.05
37.20	0.00	8,124	189.37	0.05
37.30	0.00	8,104	189.37	0.05
37.40	0.00	8,085	189.37	0.05
37.50	0.00	8,065	189.37	0.05
37.60	0.00	8,046	189.37	0.05
37.70	0.00	8,027	189.37	0.05
37.80	0.00	8,007	189.37	0.05
37.90	0.00	7,988	189.37	0.05
38.00	0.00	7,969	189.37	0.05
38.10	0.00	7,950	189.37	0.05
38.20	0.00	7,931	189.37	0.05
38.30	0.00	7,912	189.37	0.05
38.40	0.00	7,893	189.36	0.05
38.50	0.00	7,875	189.36	0.05
38.60	0.00	7,856	189.36	0.05
38.70	0.00	7,837	189.36	0.05
38.80	0.00	7,819	189.36	0.05
38.90	0.00	7,800	189.36	0.05
39.00	0.00	7,782	189.36	0.05
39.10	0.00	7,764	189.36	0.05
39.20	0.00	7,745	189.36	0.05
39.30	0.00	7,727	189.36	0.05
39.40	0.00	7,709	189.36	0.05
39.50	0.00	7,691	189.36	0.05
39.60	0.00	7,674	189.35	0.05
39.70	0.00	7,656	189.35	0.05
39.80	0.00	7,638	189.35	0.05
39.90	0.00	7,621	189.35	0.05
40.00	0.00	7,603	189.35	0.05

Stage-Discharge for Pond B-47: Basin #47

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.00	0.00	189.52	0.08	190.04	4.92	190.56	13.82
189.01	0.00	189.53	0.10	190.05	5.06	190.57	14.26
189.02	0.00	189.54	0.12	190.06	5.20	190.58	14.74
189.03	0.00	189.55	0.16	190.07	5.34	190.59	15.25
189.04	0.00	189.56	0.19	190.08	5.48	190.60	15.79
189.05	0.00	189.57	0.24	190.09	5.62	190.61	16.37
189.06	0.00	189.58	0.28	190.10	5.76	190.62	16.97
189.07	0.00	189.59	0.34	190.11	5.90	190.63	17.60
189.08	0.00	189.60	0.39	190.12	6.05	190.64	18.25
189.09	0.00	189.61	0.45	190.13	6.19	190.65	18.93
189.10	0.00	189.62	0.51	190.14	6.34	190.66	19.64
189.11	0.00	189.63	0.57	190.15	6.49	190.67	20.37
189.12	0.00	189.64	0.64	190.16	6.64	190.68	21.12
189.13	0.00	189.65	0.71	190.17	6.79	190.69	21.89
189.14	0.00	189.66	0.78	190.18	6.94	190.70	22.68
189.15	0.00	189.67	0.86	190.19	7.09	190.71	23.50
189.16	0.00	189.68	0.94	190.20	7.24	190.72	24.37
189.17	0.00	189.69	1.02	190.21	7.40	190.73	25.27
189.18	0.00	189.70	1.10	190.22	7.55	190.74	26.20
189.19	0.00	189.71	1.18	190.23	7.71	190.75	27.15
189.20	0.00	189.72	1.27	190.24	7.87	190.76	28.12
189.21	0.00	189.73	1.36	190.25	8.02	190.77	29.13
189.22	0.01	189.74	1.45	190.26	8.18	190.78	30.15
189.23	0.01	189.75	1.54	190.27	8.34	190.79	31.20
189.24	0.01	189.76	1.64	190.28	8.50	190.80	32.28
189.25	0.01	189.77	1.73	190.29	8.66	190.81	33.38
189.26	0.02	189.78	1.83	190.30	8.83	190.82	34.50
189.27	0.02	189.79	1.93	190.31	8.99	190.83	35.65
189.28	0.02	189.80	2.03	190.32	9.15	190.84	36.82
189.29	0.03	189.81	2.13	190.33	9.32	190.85	38.02
189.30	0.03	189.82	2.24	190.34	9.48	190.86	39.24
189.31	0.03	189.83	2.35	190.35	9.65	190.87	40.49
189.32	0.04	189.84	2.45	190.36	9.82	190.88	41.76
189.33	0.04	189.85	2.56	190.37	9.99	190.89	43.05
189.34	0.05	189.86	2.68	190.38	10.16	190.90	44.37
189.35	0.05	189.87	2.79	190.39	10.33	190.91	45.71
189.36	0.05	189.88	2.90	190.40	10.50	190.92	47.10
189.37	0.05	189.89	3.02	190.41	10.67	190.93	48.52
189.38	0.06	189.90	3.14	190.42	10.84	190.94	49.97
189.39	0.06	189.91	3.26	190.43	11.02	190.95	51.44
189.40	0.06	189.92	3.38	190.44	11.19	190.96	52.93
189.41	0.06	189.93	3.50	190.45	11.36	190.97	54.46
189.42	0.06	189.94	3.62	190.46	11.54	190.98	56.01
189.43	0.07	189.95	3.74	190.47	11.72	190.99	57.58
189.44	0.07	189.96	3.87	190.48	11.89	191.00	59.18
189.45	0.07	189.97	4.00	190.49	12.07	191.01	60.81
189.46	0.07	189.98	4.13	190.50	12.25	191.02	62.47
189.47	0.07	189.99	4.26	190.51	12.36	191.03	64.15
189.48	0.08	190.00	4.39	190.52	12.51	191.04	65.85
189.49	0.08	190.01	4.52	190.53	12.75	191.05	67.59
189.50	0.08	190.02	4.65	190.54	13.06	191.06	69.35
189.51	0.08	190.03	4.79	190.55	13.41	191.07	71.14

Stage-Discharge for Pond B-47: Basin #47 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.08	72.95	191.60	175.15
191.09	74.79	191.61	177.39
191.10	76.66	191.62	179.65
191.11	78.56	191.63	181.91
191.12	80.21	191.64	184.18
191.13	81.88	191.65	186.47
191.14	83.55	191.66	188.76
191.15	85.25	191.67	191.07
191.16	86.95	191.68	193.38
191.17	88.67	191.69	195.71
191.18	90.41	191.70	198.04
191.19	92.15	191.71	200.38
191.20	93.91	191.72	202.77
191.21	95.68	191.73	205.17
191.22	97.47	191.74	207.58
191.23	99.26	191.75	210.01
191.24	101.07	191.76	212.44
191.25	102.89	191.77	214.88
191.26	104.73	191.78	217.33
191.27	106.57	191.79	219.80
191.28	108.43	191.80	222.27
191.29	110.30	191.81	224.76
191.30	112.18	191.82	227.25
191.31	114.08	191.83	229.76
191.32	116.02	191.84	232.27
191.33	117.98	191.85	234.80
191.34	119.95	191.86	237.34
191.35	121.94	191.87	239.88
191.36	123.93	191.88	242.44
191.37	125.94	191.89	245.01
191.38	127.97	191.90	247.59
191.39	130.00	191.91	250.18
191.40	132.05	191.92	252.82
191.41	134.12	191.93	255.48
191.42	136.19	191.94	258.14
191.43	138.28	191.95	260.82
191.44	140.38	191.96	263.51
191.45	142.49	191.97	266.20
191.46	144.62	191.98	268.91
191.47	146.76	191.99	271.64
191.48	148.91	192.00	274.37
191.49	151.07		
191.50	153.25		
191.51	155.44		
191.52	157.59		
191.53	159.74		
191.54	161.91		
191.55	164.09		
191.56	166.28		
191.57	168.49		
191.58	170.70		
191.59	172.92		

Stage-Area-Storage for Pond B-47: Basin #47

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.00	21,318	0	189.52	22,324	11,347
189.01	21,337	213	189.53	22,343	11,570
189.02	21,357	427	189.54	22,362	11,794
189.03	21,376	640	189.55	22,382	12,017
189.04	21,395	854	189.56	22,401	12,241
189.05	21,415	1,068	189.57	22,420	12,465
189.06	21,434	1,283	189.58	22,440	12,690
189.07	21,453	1,497	189.59	22,459	12,914
189.08	21,473	1,712	189.60	22,478	13,139
189.09	21,492	1,926	189.61	22,498	13,364
189.10	21,511	2,141	189.62	22,517	13,589
189.11	21,531	2,357	189.63	22,536	13,814
189.12	21,550	2,572	189.64	22,556	14,040
189.13	21,569	2,788	189.65	22,575	14,265
189.14	21,589	3,003	189.66	22,594	14,491
189.15	21,608	3,219	189.67	22,614	14,717
189.16	21,627	3,436	189.68	22,633	14,943
189.17	21,647	3,652	189.69	22,652	15,170
189.18	21,666	3,869	189.70	22,672	15,396
189.19	21,685	4,085	189.71	22,691	15,623
189.20	21,705	4,302	189.72	22,710	15,850
189.21	21,724	4,519	189.73	22,730	16,077
189.22	21,743	4,737	189.74	22,749	16,305
189.23	21,763	4,954	189.75	22,769	16,532
189.24	21,782	5,172	189.76	22,788	16,760
189.25	21,802	5,390	189.77	22,807	16,988
189.26	21,821	5,608	189.78	22,827	17,216
189.27	21,840	5,826	189.79	22,846	17,445
189.28	21,860	6,045	189.80	22,865	17,673
189.29	21,879	6,264	189.81	22,885	17,902
189.30	21,898	6,482	189.82	22,904	18,131
189.31	21,918	6,702	189.83	22,923	18,360
189.32	21,937	6,921	189.84	22,943	18,589
189.33	21,956	7,140	189.85	22,962	18,819
189.34	21,976	7,360	189.86	22,981	19,049
189.35	21,995	7,580	189.87	23,001	19,279
189.36	22,014	7,800	189.88	23,020	19,509
189.37	22,034	8,020	189.89	23,039	19,739
189.38	22,053	8,240	189.90	23,059	19,969
189.39	22,072	8,461	189.91	23,078	20,200
189.40	22,092	8,682	189.92	23,097	20,431
189.41	22,111	8,903	189.93	23,117	20,662
189.42	22,130	9,124	189.94	23,136	20,893
189.43	22,150	9,346	189.95	23,155	21,125
189.44	22,169	9,567	189.96	23,175	21,356
189.45	22,188	9,789	189.97	23,194	21,588
189.46	22,208	10,011	189.98	23,213	21,820
189.47	22,227	10,233	189.99	23,233	22,053
189.48	22,246	10,455	190.00	23,252	22,285
189.49	22,266	10,678	190.01	23,272	22,518
189.50	22,285	10,901	190.02	23,292	22,750
189.51	22,304	11,124	190.03	23,312	22,983

Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.04	23,332	23,217	190.56	24,366	35,618
190.05	23,352	23,450	190.57	24,386	35,862
190.06	23,371	23,684	190.58	24,406	36,106
190.07	23,391	23,918	190.59	24,426	36,350
190.08	23,411	24,152	190.60	24,446	36,594
190.09	23,431	24,386	190.61	24,466	36,839
190.10	23,451	24,620	190.62	24,486	37,084
190.11	23,471	24,855	190.63	24,506	37,329
190.12	23,491	25,090	190.64	24,526	37,574
190.13	23,511	25,325	190.65	24,546	37,819
190.14	23,531	25,560	190.66	24,565	38,065
190.15	23,551	25,795	190.67	24,585	38,310
190.16	23,570	26,031	190.68	24,605	38,556
190.17	23,590	26,267	190.69	24,625	38,803
190.18	23,610	26,503	190.70	24,645	39,049
190.19	23,630	26,739	190.71	24,665	39,295
190.20	23,650	26,975	190.72	24,685	39,542
190.21	23,670	27,212	190.73	24,705	39,789
190.22	23,690	27,449	190.74	24,725	40,036
190.23	23,710	27,686	190.75	24,745	40,284
190.24	23,730	27,923	190.76	24,764	40,531
190.25	23,750	28,160	190.77	24,784	40,779
190.26	23,769	28,398	190.78	24,804	41,027
190.27	23,789	28,636	190.79	24,824	41,275
190.28	23,809	28,874	190.80	24,844	41,523
190.29	23,829	29,112	190.81	24,864	41,772
190.30	23,849	29,350	190.82	24,884	42,021
190.31	23,869	29,589	190.83	24,904	42,270
190.32	23,889	29,828	190.84	24,924	42,519
190.33	23,909	30,067	190.85	24,943	42,768
190.34	23,929	30,306	190.86	24,963	43,018
190.35	23,948	30,545	190.87	24,983	43,267
190.36	23,968	30,785	190.88	25,003	43,517
190.37	23,988	31,024	190.89	25,023	43,767
190.38	24,008	31,264	190.90	25,043	44,018
190.39	24,028	31,505	190.91	25,063	44,268
190.40	24,048	31,745	190.92	25,083	44,519
190.41	24,068	31,986	190.93	25,103	44,770
190.42	24,088	32,226	190.94	25,123	45,021
190.43	24,108	32,467	190.95	25,142	45,272
190.44	24,128	32,709	190.96	25,162	45,524
190.45	24,147	32,950	190.97	25,182	45,776
190.46	24,167	33,191	190.98	25,202	46,028
190.47	24,187	33,433	190.99	25,222	46,280
190.48	24,207	33,675	191.00	25,242	46,532
190.49	24,227	33,917	191.01	25,263	46,785
190.50	24,247	34,160	191.02	25,285	47,037
190.51	24,267	34,402	191.03	25,306	47,290
190.52	24,287	34,645	191.04	25,328	47,543
190.53	24,307	34,888	191.05	25,349	47,797
190.54	24,327	35,131	191.06	25,370	48,050
190.55	24,347	35,375	191.07	25,392	48,304

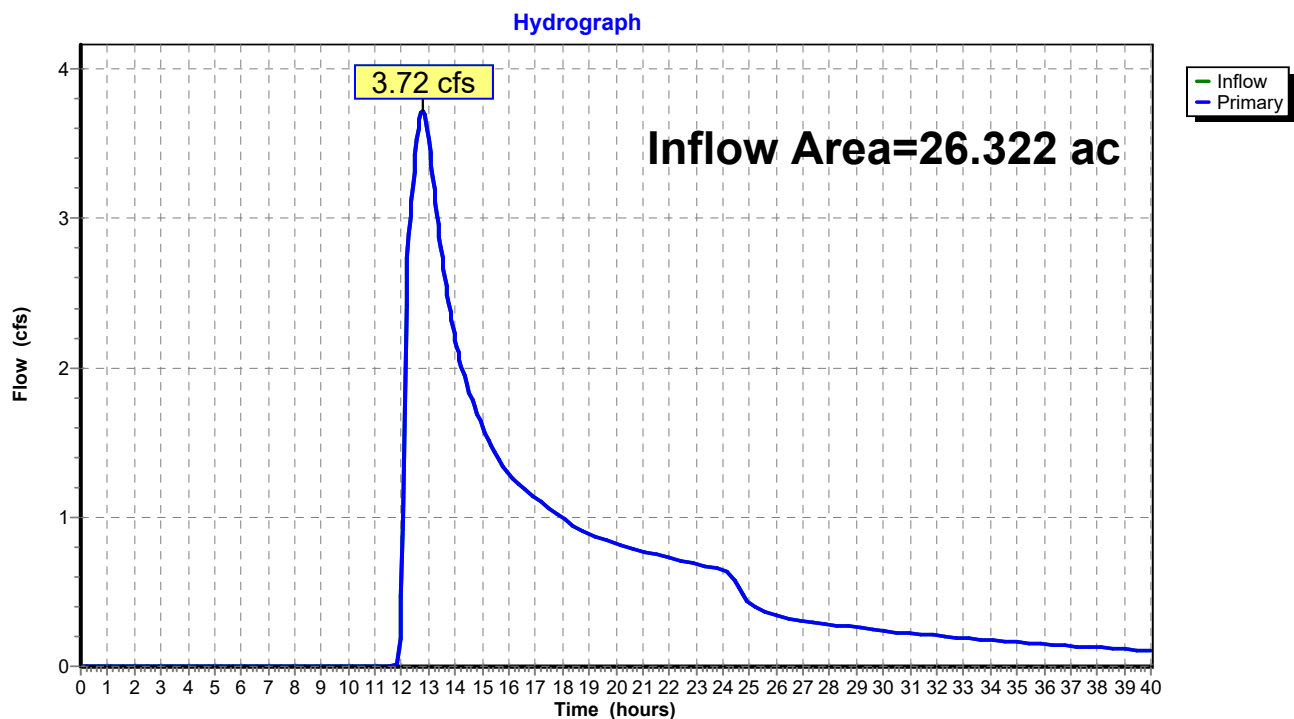
Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.08	25,413	48,558	191.60	26,526	62,062
191.09	25,435	48,812	191.61	26,547	62,328
191.10	25,456	49,067	191.62	26,569	62,593
191.11	25,477	49,322	191.63	26,590	62,859
191.12	25,499	49,576	191.64	26,612	63,125
191.13	25,520	49,832	191.65	26,633	63,391
191.14	25,542	50,087	191.66	26,654	63,658
191.15	25,563	50,342	191.67	26,676	63,924
191.16	25,584	50,598	191.68	26,697	64,191
191.17	25,606	50,854	191.69	26,719	64,458
191.18	25,627	51,110	191.70	26,740	64,726
191.19	25,649	51,367	191.71	26,761	64,993
191.20	25,670	51,623	191.72	26,783	65,261
191.21	25,691	51,880	191.73	26,804	65,529
191.22	25,713	52,137	191.74	26,826	65,797
191.23	25,734	52,394	191.75	26,847	66,065
191.24	25,756	52,652	191.76	26,868	66,334
191.25	25,777	52,909	191.77	26,890	66,603
191.26	25,798	53,167	191.78	26,911	66,872
191.27	25,820	53,425	191.79	26,933	67,141
191.28	25,841	53,684	191.80	26,954	67,410
191.29	25,863	53,942	191.81	26,975	67,680
191.30	25,884	54,201	191.82	26,997	67,950
191.31	25,905	54,460	191.83	27,018	68,220
191.32	25,927	54,719	191.84	27,040	68,490
191.33	25,948	54,978	191.85	27,061	68,761
191.34	25,970	55,238	191.86	27,082	69,031
191.35	25,991	55,498	191.87	27,104	69,302
191.36	26,012	55,758	191.88	27,125	69,574
191.37	26,034	56,018	191.89	27,147	69,845
191.38	26,055	56,278	191.90	27,168	70,117
191.39	26,077	56,539	191.91	27,189	70,388
191.40	26,098	56,800	191.92	27,211	70,660
191.41	26,119	57,061	191.93	27,232	70,933
191.42	26,141	57,322	191.94	27,254	71,205
191.43	26,162	57,584	191.95	27,275	71,478
191.44	26,184	57,846	191.96	27,296	71,750
191.45	26,205	58,108	191.97	27,318	72,024
191.46	26,226	58,370	191.98	27,339	72,297
191.47	26,248	58,632	191.99	27,361	72,570
191.48	26,269	58,895	192.00	27,382	72,844
191.49	26,291	59,157			
191.50	26,312	59,421			
191.51	26,333	59,684			
191.52	26,355	59,947			
191.53	26,376	60,211			
191.54	26,398	60,475			
191.55	26,419	60,739			
191.56	26,440	61,003			
191.57	26,462	61,268			
191.58	26,483	61,532			
191.59	26,505	61,797			

Summary for Link PDA-4: Proposed Drainage Area #4

Inflow Area = 26.322 ac, 21.46% Impervious, Inflow Depth > 0.75" for Current 2 yr event
Inflow = 3.72 cfs @ 12.78 hrs, Volume= 1.639 af
Primary = 3.72 cfs @ 12.78 hrs, Volume= 1.639 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-2

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-4: Proposed Drainage Area #4

Hydrograph for Link PDA-4: Proposed Drainage Area #4

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	3.53	0.00	3.53
10.45	0.00	0.00	0.00	13.05	3.45	0.00	3.45
10.50	0.00	0.00	0.00	13.10	3.36	0.00	3.36
10.55	0.00	0.00	0.00	13.15	3.27	0.00	3.27
10.60	0.00	0.00	0.00	13.20	3.19	0.00	3.19
10.65	0.00	0.00	0.00	13.25	3.11	0.00	3.11
10.70	0.00	0.00	0.00	13.30	3.03	0.00	3.03
10.75	0.00	0.00	0.00	13.35	2.95	0.00	2.95
10.80	0.00	0.00	0.00	13.40	2.88	0.00	2.88
10.85	0.00	0.00	0.00	13.45	2.81	0.00	2.81
10.90	0.00	0.00	0.00	13.50	2.74	0.00	2.74
10.95	0.00	0.00	0.00	13.55	2.67	0.00	2.67
11.00	0.00	0.00	0.00	13.60	2.61	0.00	2.61
11.05	0.00	0.00	0.00	13.65	2.54	0.00	2.54
11.10	0.00	0.00	0.00	13.70	2.49	0.00	2.49
11.15	0.00	0.00	0.00	13.75	2.43	0.00	2.43
11.20	0.00	0.00	0.00	13.80	2.37	0.00	2.37
11.25	0.00	0.00	0.00	13.85	2.32	0.00	2.32
11.30	0.00	0.00	0.00	13.90	2.27	0.00	2.27
11.35	0.00	0.00	0.00	13.95	2.23	0.00	2.23
11.40	0.00	0.00	0.00	14.00	2.18	0.00	2.18
11.45	0.00	0.00	0.00	14.05	2.14	0.00	2.14
11.50	0.00	0.00	0.00	14.10	2.10	0.00	2.10
11.55	0.00	0.00	0.00	14.15	2.06	0.00	2.06
11.60	0.00	0.00	0.00	14.20	2.03	0.00	2.03
11.65	0.00	0.00	0.00	14.25	1.99	0.00	1.99
11.70	0.00	0.00	0.00	14.30	1.96	0.00	1.96
11.75	0.00	0.00	0.00	14.35	1.93	0.00	1.93
11.80	0.00	0.00	0.00	14.40	1.90	0.00	1.90
11.85	0.00	0.00	0.00	14.45	1.87	0.00	1.87
11.90	0.05	0.00	0.05	14.50	1.85	0.00	1.85
11.95	0.19	0.00	0.19	14.55	1.82	0.00	1.82
12.00	0.47	0.00	0.47	14.60	1.80	0.00	1.80
12.05	0.98	0.00	0.98	14.65	1.78	0.00	1.78
12.10	1.73	0.00	1.73	14.70	1.75	0.00	1.75
12.15	2.41	0.00	2.41	14.75	1.73	0.00	1.73
12.20	2.73	0.00	2.73	14.80	1.70	0.00	1.70
12.25	2.90	0.00	2.90	14.85	1.68	0.00	1.68
12.30	3.01	0.00	3.01	14.90	1.66	0.00	1.66
12.35	3.11	0.00	3.11	14.95	1.64	0.00	1.64
12.40	3.20	0.00	3.20	15.00	1.61	0.00	1.61
12.45	3.31	0.00	3.31	15.05	1.59	0.00	1.59
12.50	3.43	0.00	3.43	15.10	1.57	0.00	1.57
12.55	3.53	0.00	3.53	15.15	1.55	0.00	1.55
12.60	3.60	0.00	3.60	15.20	1.53	0.00	1.53
12.65	3.66	0.00	3.66	15.25	1.51	0.00	1.51
12.70	3.69	0.00	3.69	15.30	1.49	0.00	1.49
12.75	3.72	0.00	3.72	15.35	1.47	0.00	1.47
12.80	3.72	0.00	3.72	15.40	1.45	0.00	1.45
12.85	3.70	0.00	3.70	15.45	1.43	0.00	1.43
12.90	3.66	0.00	3.66	15.50	1.42	0.00	1.42
12.95	3.60	0.00	3.60	15.55	1.40	0.00	1.40

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	1.39	0.00	1.39	18.20	0.97	0.00	0.97
15.65	1.37	0.00	1.37	18.25	0.96	0.00	0.96
15.70	1.36	0.00	1.36	18.30	0.95	0.00	0.95
15.75	1.34	0.00	1.34	18.35	0.95	0.00	0.95
15.80	1.33	0.00	1.33	18.40	0.94	0.00	0.94
15.85	1.32	0.00	1.32	18.45	0.94	0.00	0.94
15.90	1.31	0.00	1.31	18.50	0.93	0.00	0.93
15.95	1.30	0.00	1.30	18.55	0.93	0.00	0.93
16.00	1.29	0.00	1.29	18.60	0.92	0.00	0.92
16.05	1.28	0.00	1.28	18.65	0.92	0.00	0.92
16.10	1.27	0.00	1.27	18.70	0.91	0.00	0.91
16.15	1.26	0.00	1.26	18.75	0.91	0.00	0.91
16.20	1.25	0.00	1.25	18.80	0.90	0.00	0.90
16.25	1.24	0.00	1.24	18.85	0.90	0.00	0.90
16.30	1.23	0.00	1.23	18.90	0.89	0.00	0.89
16.35	1.22	0.00	1.22	18.95	0.89	0.00	0.89
16.40	1.21	0.00	1.21	19.00	0.89	0.00	0.89
16.45	1.20	0.00	1.20	19.05	0.88	0.00	0.88
16.50	1.20	0.00	1.20	19.10	0.88	0.00	0.88
16.55	1.19	0.00	1.19	19.15	0.87	0.00	0.87
16.60	1.18	0.00	1.18	19.20	0.87	0.00	0.87
16.65	1.17	0.00	1.17	19.25	0.87	0.00	0.87
16.70	1.17	0.00	1.17	19.30	0.86	0.00	0.86
16.75	1.16	0.00	1.16	19.35	0.86	0.00	0.86
16.80	1.15	0.00	1.15	19.40	0.86	0.00	0.86
16.85	1.14	0.00	1.14	19.45	0.86	0.00	0.86
16.90	1.14	0.00	1.14	19.50	0.85	0.00	0.85
16.95	1.13	0.00	1.13	19.55	0.85	0.00	0.85
17.00	1.12	0.00	1.12	19.60	0.85	0.00	0.85
17.05	1.12	0.00	1.12	19.65	0.84	0.00	0.84
17.10	1.11	0.00	1.11	19.70	0.84	0.00	0.84
17.15	1.10	0.00	1.10	19.75	0.84	0.00	0.84
17.20	1.10	0.00	1.10	19.80	0.84	0.00	0.84
17.25	1.09	0.00	1.09	19.85	0.83	0.00	0.83
17.30	1.08	0.00	1.08	19.90	0.83	0.00	0.83
17.35	1.08	0.00	1.08	19.95	0.83	0.00	0.83
17.40	1.07	0.00	1.07	20.00	0.82	0.00	0.82
17.45	1.06	0.00	1.06	20.05	0.82	0.00	0.82
17.50	1.06	0.00	1.06	20.10	0.82	0.00	0.82
17.55	1.05	0.00	1.05	20.15	0.81	0.00	0.81
17.60	1.04	0.00	1.04	20.20	0.81	0.00	0.81
17.65	1.04	0.00	1.04	20.25	0.81	0.00	0.81
17.70	1.03	0.00	1.03	20.30	0.81	0.00	0.81
17.75	1.02	0.00	1.02	20.35	0.80	0.00	0.80
17.80	1.02	0.00	1.02	20.40	0.80	0.00	0.80
17.85	1.01	0.00	1.01	20.45	0.80	0.00	0.80
17.90	1.01	0.00	1.01	20.50	0.80	0.00	0.80
17.95	1.00	0.00	1.00	20.55	0.79	0.00	0.79
18.00	0.99	0.00	0.99	20.60	0.79	0.00	0.79
18.05	0.99	0.00	0.99	20.65	0.79	0.00	0.79
18.10	0.98	0.00	0.98	20.70	0.79	0.00	0.79
18.15	0.97	0.00	0.97	20.75	0.78	0.00	0.78

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.78	0.00	0.78	23.40	0.67	0.00	0.67
20.85	0.78	0.00	0.78	23.45	0.67	0.00	0.67
20.90	0.78	0.00	0.78	23.50	0.67	0.00	0.67
20.95	0.77	0.00	0.77	23.55	0.66	0.00	0.66
21.00	0.77	0.00	0.77	23.60	0.66	0.00	0.66
21.05	0.77	0.00	0.77	23.65	0.66	0.00	0.66
21.10	0.77	0.00	0.77	23.70	0.66	0.00	0.66
21.15	0.76	0.00	0.76	23.75	0.66	0.00	0.66
21.20	0.76	0.00	0.76	23.80	0.65	0.00	0.65
21.25	0.76	0.00	0.76	23.85	0.65	0.00	0.65
21.30	0.76	0.00	0.76	23.90	0.65	0.00	0.65
21.35	0.75	0.00	0.75	23.95	0.65	0.00	0.65
21.40	0.75	0.00	0.75	24.00	0.65	0.00	0.65
21.45	0.75	0.00	0.75	24.05	0.64	0.00	0.64
21.50	0.75	0.00	0.75	24.10	0.64	0.00	0.64
21.55	0.75	0.00	0.75	24.15	0.63	0.00	0.63
21.60	0.74	0.00	0.74	24.20	0.62	0.00	0.62
21.65	0.74	0.00	0.74	24.25	0.61	0.00	0.61
21.70	0.74	0.00	0.74	24.30	0.61	0.00	0.61
21.75	0.74	0.00	0.74	24.35	0.59	0.00	0.59
21.80	0.73	0.00	0.73	24.40	0.58	0.00	0.58
21.85	0.73	0.00	0.73	24.45	0.57	0.00	0.57
21.90	0.73	0.00	0.73	24.50	0.55	0.00	0.55
21.95	0.73	0.00	0.73	24.55	0.54	0.00	0.54
22.00	0.73	0.00	0.73	24.60	0.52	0.00	0.52
22.05	0.72	0.00	0.72	24.65	0.51	0.00	0.51
22.10	0.72	0.00	0.72	24.70	0.49	0.00	0.49
22.15	0.72	0.00	0.72	24.75	0.48	0.00	0.48
22.20	0.72	0.00	0.72	24.80	0.47	0.00	0.47
22.25	0.72	0.00	0.72	24.85	0.45	0.00	0.45
22.30	0.71	0.00	0.71	24.90	0.44	0.00	0.44
22.35	0.71	0.00	0.71	24.95	0.43	0.00	0.43
22.40	0.71	0.00	0.71	25.00	0.42	0.00	0.42
22.45	0.71	0.00	0.71	25.05	0.42	0.00	0.42
22.50	0.71	0.00	0.71	25.10	0.41	0.00	0.41
22.55	0.70	0.00	0.70	25.15	0.40	0.00	0.40
22.60	0.70	0.00	0.70	25.20	0.40	0.00	0.40
22.65	0.70	0.00	0.70	25.25	0.39	0.00	0.39
22.70	0.70	0.00	0.70	25.30	0.38	0.00	0.38
22.75	0.70	0.00	0.70	25.35	0.38	0.00	0.38
22.80	0.69	0.00	0.69	25.40	0.38	0.00	0.38
22.85	0.69	0.00	0.69	25.45	0.37	0.00	0.37
22.90	0.69	0.00	0.69	25.50	0.37	0.00	0.37
22.95	0.69	0.00	0.69	25.55	0.36	0.00	0.36
23.00	0.69	0.00	0.69	25.60	0.36	0.00	0.36
23.05	0.68	0.00	0.68	25.65	0.36	0.00	0.36
23.10	0.68	0.00	0.68	25.70	0.35	0.00	0.35
23.15	0.68	0.00	0.68	25.75	0.35	0.00	0.35
23.20	0.68	0.00	0.68	25.80	0.35	0.00	0.35
23.25	0.68	0.00	0.68	25.85	0.35	0.00	0.35
23.30	0.67	0.00	0.67	25.90	0.34	0.00	0.34
23.35	0.67	0.00	0.67	25.95	0.34	0.00	0.34

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.34	0.00	0.34	28.60	0.27	0.00	0.27
26.05	0.34	0.00	0.34	28.65	0.27	0.00	0.27
26.10	0.33	0.00	0.33	28.70	0.26	0.00	0.26
26.15	0.33	0.00	0.33	28.75	0.26	0.00	0.26
26.20	0.33	0.00	0.33	28.80	0.26	0.00	0.26
26.25	0.33	0.00	0.33	28.85	0.26	0.00	0.26
26.30	0.33	0.00	0.33	28.90	0.26	0.00	0.26
26.35	0.33	0.00	0.33	28.95	0.26	0.00	0.26
26.40	0.32	0.00	0.32	29.00	0.26	0.00	0.26
26.45	0.32	0.00	0.32	29.05	0.26	0.00	0.26
26.50	0.32	0.00	0.32	29.10	0.26	0.00	0.26
26.55	0.32	0.00	0.32	29.15	0.25	0.00	0.25
26.60	0.32	0.00	0.32	29.20	0.25	0.00	0.25
26.65	0.32	0.00	0.32	29.25	0.25	0.00	0.25
26.70	0.31	0.00	0.31	29.30	0.25	0.00	0.25
26.75	0.31	0.00	0.31	29.35	0.25	0.00	0.25
26.80	0.31	0.00	0.31	29.40	0.25	0.00	0.25
26.85	0.31	0.00	0.31	29.45	0.25	0.00	0.25
26.90	0.31	0.00	0.31	29.50	0.25	0.00	0.25
26.95	0.31	0.00	0.31	29.55	0.25	0.00	0.25
27.00	0.31	0.00	0.31	29.60	0.24	0.00	0.24
27.05	0.31	0.00	0.31	29.65	0.24	0.00	0.24
27.10	0.30	0.00	0.30	29.70	0.24	0.00	0.24
27.15	0.30	0.00	0.30	29.75	0.24	0.00	0.24
27.20	0.30	0.00	0.30	29.80	0.24	0.00	0.24
27.25	0.30	0.00	0.30	29.85	0.24	0.00	0.24
27.30	0.30	0.00	0.30	29.90	0.24	0.00	0.24
27.35	0.30	0.00	0.30	29.95	0.24	0.00	0.24
27.40	0.30	0.00	0.30	30.00	0.24	0.00	0.24
27.45	0.29	0.00	0.29	30.05	0.24	0.00	0.24
27.50	0.29	0.00	0.29	30.10	0.24	0.00	0.24
27.55	0.29	0.00	0.29	30.15	0.23	0.00	0.23
27.60	0.29	0.00	0.29	30.20	0.23	0.00	0.23
27.65	0.29	0.00	0.29	30.25	0.23	0.00	0.23
27.70	0.29	0.00	0.29	30.30	0.23	0.00	0.23
27.75	0.29	0.00	0.29	30.35	0.23	0.00	0.23
27.80	0.29	0.00	0.29	30.40	0.23	0.00	0.23
27.85	0.28	0.00	0.28	30.45	0.23	0.00	0.23
27.90	0.28	0.00	0.28	30.50	0.23	0.00	0.23
27.95	0.28	0.00	0.28	30.55	0.23	0.00	0.23
28.00	0.28	0.00	0.28	30.60	0.23	0.00	0.23
28.05	0.28	0.00	0.28	30.65	0.23	0.00	0.23
28.10	0.28	0.00	0.28	30.70	0.22	0.00	0.22
28.15	0.28	0.00	0.28	30.75	0.22	0.00	0.22
28.20	0.28	0.00	0.28	30.80	0.22	0.00	0.22
28.25	0.27	0.00	0.27	30.85	0.22	0.00	0.22
28.30	0.27	0.00	0.27	30.90	0.22	0.00	0.22
28.35	0.27	0.00	0.27	30.95	0.22	0.00	0.22
28.40	0.27	0.00	0.27	31.00	0.22	0.00	0.22
28.45	0.27	0.00	0.27	31.05	0.22	0.00	0.22
28.50	0.27	0.00	0.27	31.10	0.22	0.00	0.22
28.55	0.27	0.00	0.27	31.15	0.22	0.00	0.22

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.22	0.00	0.22	33.80	0.18	0.00	0.18
31.25	0.22	0.00	0.22	33.85	0.18	0.00	0.18
31.30	0.21	0.00	0.21	33.90	0.18	0.00	0.18
31.35	0.21	0.00	0.21	33.95	0.17	0.00	0.17
31.40	0.21	0.00	0.21	34.00	0.17	0.00	0.17
31.45	0.21	0.00	0.21	34.05	0.17	0.00	0.17
31.50	0.21	0.00	0.21	34.10	0.17	0.00	0.17
31.55	0.21	0.00	0.21	34.15	0.17	0.00	0.17
31.60	0.21	0.00	0.21	34.20	0.17	0.00	0.17
31.65	0.21	0.00	0.21	34.25	0.17	0.00	0.17
31.70	0.21	0.00	0.21	34.30	0.17	0.00	0.17
31.75	0.21	0.00	0.21	34.35	0.17	0.00	0.17
31.80	0.21	0.00	0.21	34.40	0.17	0.00	0.17
31.85	0.21	0.00	0.21	34.45	0.17	0.00	0.17
31.90	0.20	0.00	0.20	34.50	0.17	0.00	0.17
31.95	0.20	0.00	0.20	34.55	0.17	0.00	0.17
32.00	0.20	0.00	0.20	34.60	0.17	0.00	0.17
32.05	0.20	0.00	0.20	34.65	0.17	0.00	0.17
32.10	0.20	0.00	0.20	34.70	0.16	0.00	0.16
32.15	0.20	0.00	0.20	34.75	0.16	0.00	0.16
32.20	0.20	0.00	0.20	34.80	0.16	0.00	0.16
32.25	0.20	0.00	0.20	34.85	0.16	0.00	0.16
32.30	0.20	0.00	0.20	34.90	0.16	0.00	0.16
32.35	0.20	0.00	0.20	34.95	0.16	0.00	0.16
32.40	0.20	0.00	0.20	35.00	0.16	0.00	0.16
32.45	0.20	0.00	0.20	35.05	0.16	0.00	0.16
32.50	0.20	0.00	0.20	35.10	0.16	0.00	0.16
32.55	0.20	0.00	0.20	35.15	0.16	0.00	0.16
32.60	0.19	0.00	0.19	35.20	0.16	0.00	0.16
32.65	0.19	0.00	0.19	35.25	0.16	0.00	0.16
32.70	0.19	0.00	0.19	35.30	0.16	0.00	0.16
32.75	0.19	0.00	0.19	35.35	0.16	0.00	0.16
32.80	0.19	0.00	0.19	35.40	0.16	0.00	0.16
32.85	0.19	0.00	0.19	35.45	0.16	0.00	0.16
32.90	0.19	0.00	0.19	35.50	0.16	0.00	0.16
32.95	0.19	0.00	0.19	35.55	0.15	0.00	0.15
33.00	0.19	0.00	0.19	35.60	0.15	0.00	0.15
33.05	0.19	0.00	0.19	35.65	0.15	0.00	0.15
33.10	0.19	0.00	0.19	35.70	0.15	0.00	0.15
33.15	0.19	0.00	0.19	35.75	0.15	0.00	0.15
33.20	0.19	0.00	0.19	35.80	0.15	0.00	0.15
33.25	0.18	0.00	0.18	35.85	0.15	0.00	0.15
33.30	0.18	0.00	0.18	35.90	0.15	0.00	0.15
33.35	0.18	0.00	0.18	35.95	0.15	0.00	0.15
33.40	0.18	0.00	0.18	36.00	0.15	0.00	0.15
33.45	0.18	0.00	0.18	36.05	0.15	0.00	0.15
33.50	0.18	0.00	0.18	36.10	0.15	0.00	0.15
33.55	0.18	0.00	0.18	36.15	0.15	0.00	0.15
33.60	0.18	0.00	0.18	36.20	0.15	0.00	0.15
33.65	0.18	0.00	0.18	36.25	0.15	0.00	0.15
33.70	0.18	0.00	0.18	36.30	0.15	0.00	0.15
33.75	0.18	0.00	0.18	36.35	0.14	0.00	0.14

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.14	0.00	0.14	39.00	0.12	0.00	0.12
36.45	0.14	0.00	0.14	39.05	0.11	0.00	0.11
36.50	0.14	0.00	0.14	39.10	0.11	0.00	0.11
36.55	0.14	0.00	0.14	39.15	0.11	0.00	0.11
36.60	0.14	0.00	0.14	39.20	0.11	0.00	0.11
36.65	0.14	0.00	0.14	39.25	0.11	0.00	0.11
36.70	0.14	0.00	0.14	39.30	0.11	0.00	0.11
36.75	0.14	0.00	0.14	39.35	0.11	0.00	0.11
36.80	0.14	0.00	0.14	39.40	0.11	0.00	0.11
36.85	0.14	0.00	0.14	39.45	0.11	0.00	0.11
36.90	0.14	0.00	0.14	39.50	0.11	0.00	0.11
36.95	0.14	0.00	0.14	39.55	0.11	0.00	0.11
37.00	0.14	0.00	0.14	39.60	0.11	0.00	0.11
37.05	0.14	0.00	0.14	39.65	0.11	0.00	0.11
37.10	0.14	0.00	0.14	39.70	0.11	0.00	0.11
37.15	0.14	0.00	0.14	39.75	0.11	0.00	0.11
37.20	0.14	0.00	0.14	39.80	0.11	0.00	0.11
37.25	0.13	0.00	0.13	39.85	0.11	0.00	0.11
37.30	0.13	0.00	0.13	39.90	0.10	0.00	0.10
37.35	0.13	0.00	0.13	39.95	0.10	0.00	0.10
37.40	0.13	0.00	0.13	40.00	0.10	0.00	0.10
37.45	0.13	0.00	0.13				
37.50	0.13	0.00	0.13				
37.55	0.13	0.00	0.13				
37.60	0.13	0.00	0.13				
37.65	0.13	0.00	0.13				
37.70	0.13	0.00	0.13				
37.75	0.13	0.00	0.13				
37.80	0.13	0.00	0.13				
37.85	0.13	0.00	0.13				
37.90	0.13	0.00	0.13				
37.95	0.13	0.00	0.13				
38.00	0.13	0.00	0.13				
38.05	0.13	0.00	0.13				
38.10	0.13	0.00	0.13				
38.15	0.12	0.00	0.12				
38.20	0.12	0.00	0.12				
38.25	0.12	0.00	0.12				
38.30	0.12	0.00	0.12				
38.35	0.12	0.00	0.12				
38.40	0.12	0.00	0.12				
38.45	0.12	0.00	0.12				
38.50	0.12	0.00	0.12				
38.55	0.12	0.00	0.12				
38.60	0.12	0.00	0.12				
38.65	0.12	0.00	0.12				
38.70	0.12	0.00	0.12				
38.75	0.12	0.00	0.12				
38.80	0.12	0.00	0.12				
38.85	0.12	0.00	0.12				
38.90	0.12	0.00	0.12				
38.95	0.12	0.00	0.12				

Summary for Subcatchment 41I: PDA-41 (impervious)

Runoff = 3.86 cfs @ 12.10 hrs, Volume= 0.277 af, Depth= 4.83"
 Routed to Pond B-41 : Basin #41

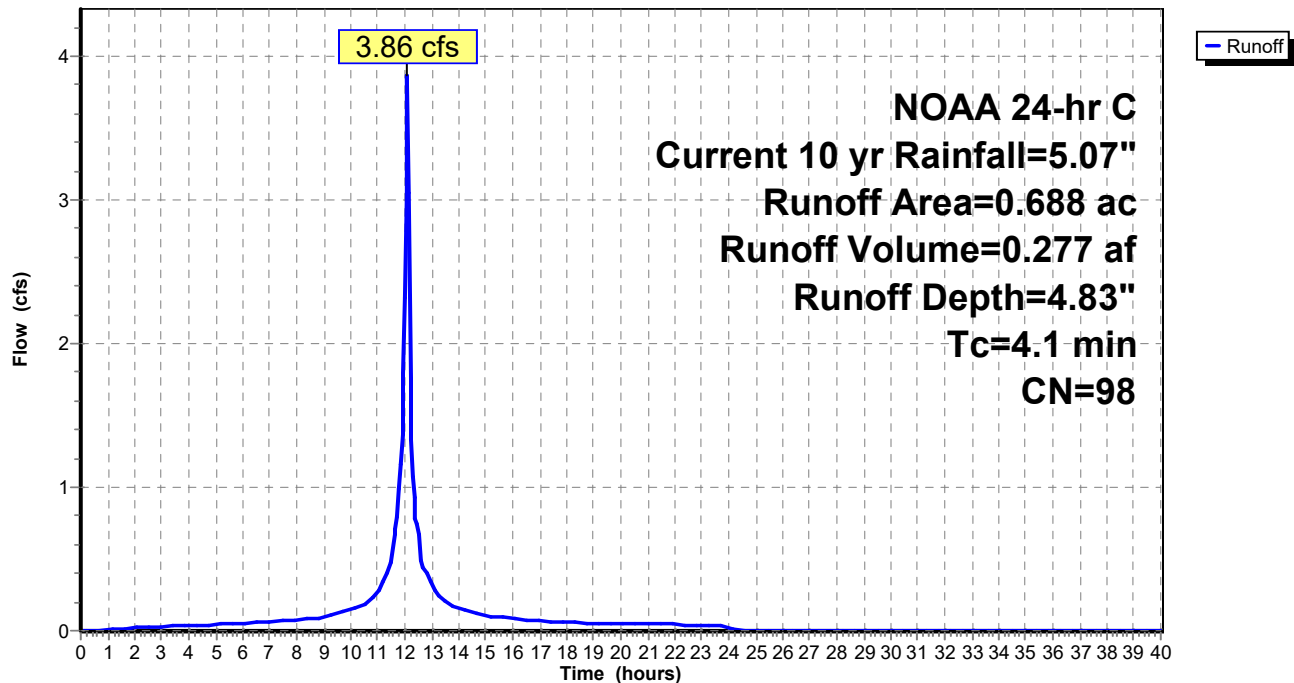
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.136	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.038	98	Concrete, HSC C
0.688	98	Weighted Average
0.688		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 41I: PDA-41 (impervious)

Hydrograph



Hydrograph for Subcatchment 41I: PDA-41 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.03
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.03
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.03
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.03
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.03
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.03
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.03
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.03
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.03
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.03
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.03
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.04
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.04
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.04
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.04
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.04
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.04
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.04
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.04
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.04
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.04
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.04
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.04
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.04
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.04
2.30	0.13	0.03	0.02	4.90	0.31	0.16	0.04
2.35	0.14	0.03	0.02	4.95	0.32	0.16	0.04
2.40	0.14	0.03	0.02	5.00	0.32	0.16	0.04
2.45	0.14	0.03	0.02	5.05	0.33	0.17	0.04
2.50	0.15	0.04	0.02	5.10	0.33	0.17	0.04
2.55	0.15	0.04	0.02	5.15	0.33	0.17	0.04

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.04	7.80	0.58	0.39	0.08
5.25	0.34	0.18	0.04	7.85	0.59	0.40	0.08
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.08
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.08
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.08
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.08
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.08
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.08
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.08
5.65	0.37	0.21	0.05	8.25	0.64	0.45	0.08
5.70	0.38	0.21	0.05	8.30	0.65	0.45	0.08
5.75	0.38	0.21	0.05	8.35	0.65	0.46	0.08
5.80	0.39	0.22	0.05	8.40	0.66	0.46	0.08
5.85	0.39	0.22	0.05	8.45	0.66	0.47	0.09
5.90	0.39	0.22	0.05	8.50	0.67	0.48	0.09
5.95	0.40	0.23	0.05	8.55	0.68	0.48	0.09
6.00	0.40	0.23	0.05	8.60	0.68	0.49	0.09
6.05	0.41	0.23	0.05	8.65	0.69	0.50	0.09
6.10	0.41	0.24	0.05	8.70	0.70	0.50	0.09
6.15	0.41	0.24	0.05	8.75	0.71	0.51	0.09
6.20	0.42	0.25	0.05	8.80	0.71	0.51	0.09
6.25	0.42	0.25	0.05	8.85	0.72	0.52	0.09
6.30	0.43	0.25	0.05	8.90	0.73	0.53	0.09
6.35	0.43	0.26	0.05	8.95	0.73	0.53	0.09
6.40	0.44	0.26	0.05	9.00	0.74	0.54	0.09
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.10
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.10
6.55	0.45	0.27	0.06	9.15	0.76	0.56	0.10
6.60	0.46	0.28	0.06	9.20	0.77	0.57	0.10
6.65	0.46	0.28	0.06	9.25	0.78	0.58	0.11
6.70	0.46	0.29	0.06	9.30	0.79	0.59	0.11
6.75	0.47	0.29	0.06	9.35	0.80	0.59	0.11
6.80	0.47	0.29	0.06	9.40	0.80	0.60	0.11
6.85	0.48	0.30	0.06	9.45	0.81	0.61	0.12
6.90	0.48	0.30	0.06	9.50	0.82	0.62	0.12
6.95	0.49	0.31	0.06	9.55	0.83	0.63	0.12
7.00	0.49	0.31	0.06	9.60	0.84	0.64	0.12
7.05	0.50	0.32	0.06	9.65	0.85	0.65	0.13
7.10	0.50	0.32	0.07	9.70	0.86	0.66	0.13
7.15	0.51	0.33	0.07	9.75	0.87	0.67	0.13
7.20	0.52	0.33	0.07	9.80	0.88	0.68	0.13
7.25	0.52	0.34	0.07	9.85	0.89	0.69	0.14
7.30	0.53	0.34	0.07	9.90	0.90	0.70	0.14
7.35	0.53	0.35	0.07	9.95	0.91	0.71	0.14
7.40	0.54	0.35	0.07	10.00	0.92	0.72	0.15
7.45	0.54	0.36	0.07	10.05	0.94	0.73	0.15
7.50	0.55	0.36	0.07	10.10	0.95	0.74	0.15
7.55	0.55	0.37	0.07	10.15	0.96	0.75	0.15
7.60	0.56	0.37	0.07	10.20	0.97	0.76	0.16
7.65	0.57	0.38	0.07	10.25	0.98	0.77	0.16
7.70	0.57	0.38	0.07	10.30	0.99	0.79	0.16
7.75	0.58	0.39	0.07	10.35	1.01	0.80	0.16

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.17	13.00	3.85	3.62	0.32
10.45	1.03	0.82	0.17	13.05	3.87	3.64	0.30
10.50	1.04	0.83	0.17	13.10	3.89	3.66	0.28
10.55	1.06	0.85	0.18	13.15	3.91	3.68	0.27
10.60	1.07	0.86	0.19	13.20	3.93	3.70	0.26
10.65	1.09	0.88	0.20	13.25	3.95	3.71	0.25
10.70	1.10	0.89	0.21	13.30	3.97	3.73	0.24
10.75	1.12	0.91	0.22	13.35	3.98	3.75	0.23
10.80	1.14	0.93	0.23	13.40	4.00	3.76	0.22
10.85	1.16	0.94	0.24	13.45	4.01	3.78	0.21
10.90	1.18	0.96	0.25	13.50	4.03	3.79	0.20
10.95	1.20	0.98	0.26	13.55	4.04	3.80	0.19
11.00	1.22	1.00	0.27	13.60	4.05	3.82	0.18
11.05	1.24	1.02	0.29	13.65	4.06	3.83	0.18
11.10	1.26	1.05	0.31	13.70	4.08	3.84	0.17
11.15	1.29	1.07	0.32	13.75	4.09	3.85	0.17
11.20	1.31	1.10	0.34	13.80	4.10	3.86	0.17
11.25	1.34	1.12	0.36	13.85	4.11	3.88	0.16
11.30	1.37	1.15	0.38	13.90	4.12	3.89	0.16
11.35	1.40	1.18	0.40	13.95	4.13	3.90	0.16
11.40	1.43	1.21	0.42	14.00	4.15	3.91	0.16
11.45	1.47	1.25	0.43	14.05	4.16	3.92	0.15
11.50	1.50	1.28	0.45	14.10	4.17	3.93	0.15
11.55	1.55	1.33	0.54	14.15	4.18	3.94	0.15
11.60	1.60	1.38	0.67	14.20	4.19	3.95	0.15
11.65	1.65	1.43	0.71	14.25	4.20	3.96	0.14
11.70	1.71	1.49	0.74	14.30	4.21	3.97	0.14
11.75	1.78	1.56	0.84	14.35	4.22	3.98	0.14
11.80	1.86	1.63	0.98	14.40	4.23	3.99	0.14
11.85	1.96	1.73	1.16	14.45	4.24	4.00	0.13
11.90	2.06	1.84	1.37	14.50	4.25	4.01	0.13
11.95	2.24	2.01	1.79	14.55	4.26	4.02	0.13
12.00	2.42	2.19	2.32	14.60	4.27	4.03	0.13
12.05	2.71	2.48	3.04	14.65	4.27	4.04	0.12
12.10	3.01	2.78	3.86	14.70	4.28	4.05	0.12
12.15	3.11	2.88	3.05	14.75	4.29	4.06	0.12
12.20	3.21	2.98	1.75	14.80	4.30	4.06	0.12
12.25	3.29	3.05	1.32	14.85	4.31	4.07	0.11
12.30	3.36	3.13	1.08	14.90	4.31	4.08	0.11
12.35	3.42	3.18	0.93	14.95	4.32	4.09	0.11
12.40	3.47	3.24	0.78	15.00	4.33	4.09	0.10
12.45	3.52	3.29	0.74	15.05	4.34	4.10	0.10
12.50	3.57	3.34	0.71	15.10	4.34	4.11	0.10
12.55	3.60	3.37	0.62	15.15	4.35	4.12	0.10
12.60	3.64	3.40	0.49	15.20	4.36	4.12	0.10
12.65	3.67	3.43	0.45	15.25	4.36	4.13	0.10
12.70	3.70	3.47	0.43	15.30	4.37	4.14	0.10
12.75	3.73	3.49	0.42	15.35	4.38	4.14	0.10
12.80	3.76	3.52	0.40	15.40	4.39	4.15	0.09
12.85	3.78	3.55	0.38	15.45	4.39	4.16	0.09
12.90	3.81	3.57	0.36	15.50	4.40	4.16	0.09
12.95	3.83	3.60	0.34	15.55	4.41	4.17	0.09

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.09	18.20	4.68	4.45	0.06
15.65	4.42	4.18	0.09	18.25	4.69	4.45	0.06
15.70	4.42	4.19	0.09	18.30	4.69	4.46	0.06
15.75	4.43	4.20	0.09	18.35	4.70	4.46	0.06
15.80	4.44	4.20	0.09	18.40	4.70	4.46	0.06
15.85	4.44	4.21	0.09	18.45	4.70	4.47	0.06
15.90	4.45	4.21	0.09	18.50	4.71	4.47	0.06
15.95	4.46	4.22	0.09	18.55	4.71	4.48	0.06
16.00	4.46	4.23	0.09	18.60	4.72	4.48	0.05
16.05	4.47	4.23	0.09	18.65	4.72	4.48	0.05
16.10	4.47	4.24	0.08	18.70	4.72	4.49	0.05
16.15	4.48	4.24	0.08	18.75	4.73	4.49	0.05
16.20	4.49	4.25	0.08	18.80	4.73	4.50	0.05
16.25	4.49	4.26	0.08	18.85	4.74	4.50	0.05
16.30	4.50	4.26	0.08	18.90	4.74	4.50	0.05
16.35	4.50	4.27	0.08	18.95	4.74	4.51	0.05
16.40	4.51	4.27	0.08	19.00	4.75	4.51	0.05
16.45	4.52	4.28	0.08	19.05	4.75	4.51	0.05
16.50	4.52	4.29	0.08	19.10	4.76	4.52	0.05
16.55	4.53	4.29	0.08	19.15	4.76	4.52	0.05
16.60	4.53	4.30	0.08	19.20	4.76	4.53	0.05
16.65	4.54	4.30	0.08	19.25	4.77	4.53	0.05
16.70	4.54	4.31	0.08	19.30	4.77	4.53	0.05
16.75	4.55	4.31	0.08	19.35	4.77	4.54	0.05
16.80	4.55	4.32	0.07	19.40	4.78	4.54	0.05
16.85	4.56	4.32	0.07	19.45	4.78	4.55	0.05
16.90	4.57	4.33	0.07	19.50	4.79	4.55	0.05
16.95	4.57	4.33	0.07	19.55	4.79	4.55	0.05
17.00	4.58	4.34	0.07	19.60	4.79	4.56	0.05
17.05	4.58	4.34	0.07	19.65	4.80	4.56	0.05
17.10	4.59	4.35	0.07	19.70	4.80	4.56	0.05
17.15	4.59	4.35	0.07	19.75	4.80	4.57	0.05
17.20	4.60	4.36	0.07	19.80	4.81	4.57	0.05
17.25	4.60	4.36	0.07	19.85	4.81	4.57	0.05
17.30	4.61	4.37	0.07	19.90	4.81	4.58	0.05
17.35	4.61	4.37	0.07	19.95	4.82	4.58	0.05
17.40	4.61	4.38	0.07	20.00	4.82	4.59	0.05
17.45	4.62	4.38	0.07	20.05	4.83	4.59	0.05
17.50	4.62	4.39	0.07	20.10	4.83	4.59	0.05
17.55	4.63	4.39	0.06	20.15	4.83	4.60	0.05
17.60	4.63	4.40	0.06	20.20	4.84	4.60	0.05
17.65	4.64	4.40	0.06	20.25	4.84	4.60	0.05
17.70	4.64	4.41	0.06	20.30	4.84	4.61	0.05
17.75	4.65	4.41	0.06	20.35	4.85	4.61	0.05
17.80	4.65	4.42	0.06	20.40	4.85	4.61	0.05
17.85	4.66	4.42	0.06	20.45	4.85	4.62	0.05
17.90	4.66	4.42	0.06	20.50	4.86	4.62	0.05
17.95	4.66	4.43	0.06	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.06	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.06	20.65	4.87	4.63	0.05
18.10	4.68	4.44	0.06	20.70	4.87	4.63	0.05
18.15	4.68	4.44	0.06	20.75	4.87	4.64	0.05

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.05	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.05	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.05	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.05	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.05	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.05	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.04
21.45	4.92	4.68	0.04	24.05	5.07	4.83	0.03
21.50	4.92	4.69	0.04	24.10	5.07	4.83	0.01
21.55	4.93	4.69	0.04	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.04	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.04	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.04	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.04	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.04	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.04	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.04	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.04	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.04	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.04	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.04	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.04	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.04	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.04	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.04	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.04	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.04	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.04	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.04	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.04	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.04	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.04	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.04	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.04	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.04	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.04	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.04	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.04	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.04	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.04	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.04	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 41P: PDA-41 (pervious)

Runoff = 5.94 cfs @ 12.07 hrs, Volume= 0.339 af, Depth= 2.42"
 Routed to Pond B-41 : Basin #41

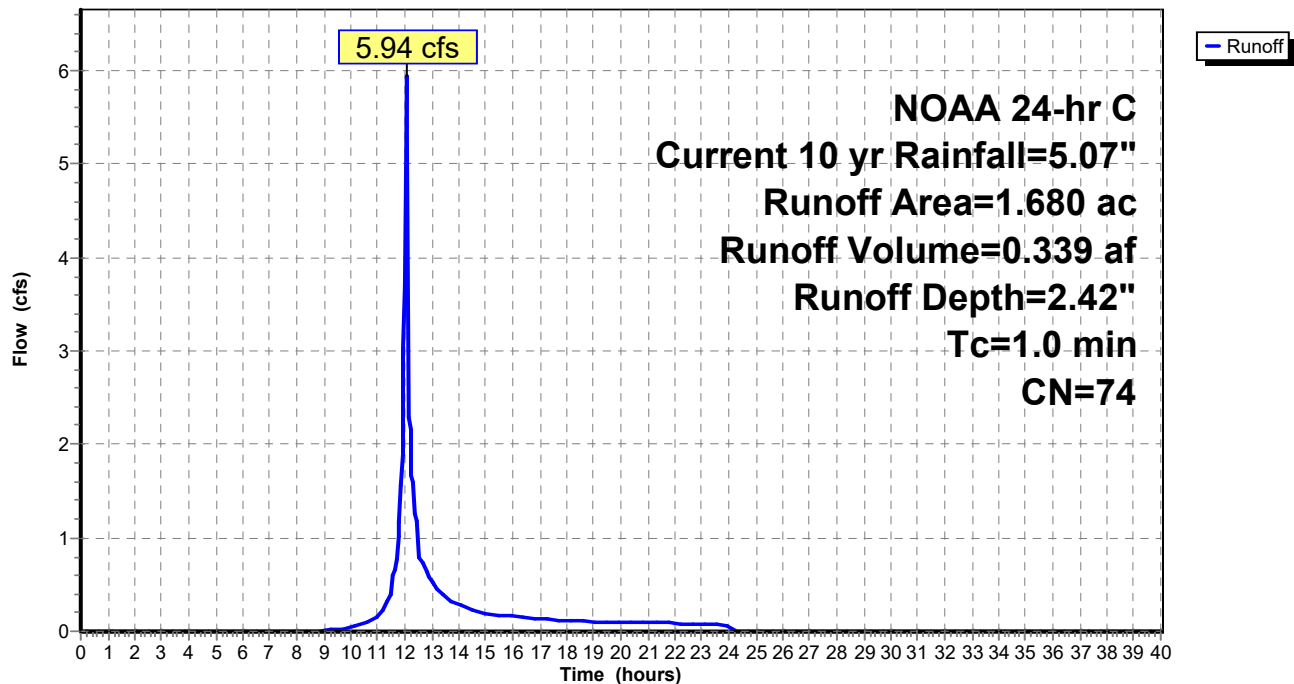
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.680	74	>75% Grass cover, Good, HSG C
1.680		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 41P: PDA-41 (pervious)

Hydrograph



Hydrograph for Subcatchment 41P: PDA-41 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.01
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.01
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.02
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.02
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.02
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.03
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.03
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.03
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.04
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.04
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.04
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.04
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.05
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.05
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.05
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.05
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.06
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.06
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.06

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.07	13.00	3.85	1.49	0.54
10.45	1.03	0.03	0.07	13.05	3.87	1.50	0.49
10.50	1.04	0.03	0.07	13.10	3.89	1.52	0.49
10.55	1.06	0.03	0.08	13.15	3.91	1.53	0.46
10.60	1.07	0.04	0.09	13.20	3.93	1.55	0.45
10.65	1.09	0.04	0.10	13.25	3.95	1.56	0.43
10.70	1.10	0.04	0.10	13.30	3.97	1.57	0.42
10.75	1.12	0.04	0.12	13.35	3.98	1.58	0.39
10.80	1.14	0.05	0.12	13.40	4.00	1.59	0.38
10.85	1.16	0.05	0.13	13.45	4.01	1.60	0.36
10.90	1.18	0.06	0.14	13.50	4.03	1.61	0.35
10.95	1.20	0.06	0.16	13.55	4.04	1.62	0.32
11.00	1.22	0.07	0.17	13.60	4.05	1.63	0.32
11.05	1.24	0.07	0.19	13.65	4.06	1.64	0.31
11.10	1.26	0.08	0.20	13.70	4.08	1.65	0.31
11.15	1.29	0.08	0.23	13.75	4.09	1.66	0.30
11.20	1.31	0.09	0.24	13.80	4.10	1.67	0.30
11.25	1.34	0.10	0.27	13.85	4.11	1.68	0.29
11.30	1.37	0.11	0.28	13.90	4.12	1.69	0.29
11.35	1.40	0.12	0.32	13.95	4.13	1.70	0.28
11.40	1.43	0.13	0.33	14.00	4.15	1.70	0.28
11.45	1.47	0.14	0.36	14.05	4.16	1.71	0.28
11.50	1.50	0.15	0.41	14.10	4.17	1.72	0.27
11.55	1.55	0.16	0.60	14.15	4.18	1.73	0.27
11.60	1.60	0.18	0.63	14.20	4.19	1.74	0.27
11.65	1.65	0.20	0.69	14.25	4.20	1.74	0.26
11.70	1.71	0.22	0.77	14.30	4.21	1.75	0.26
11.75	1.78	0.25	1.02	14.35	4.22	1.76	0.25
11.80	1.86	0.29	1.16	14.40	4.23	1.77	0.25
11.85	1.96	0.33	1.56	14.45	4.24	1.77	0.24
11.90	2.06	0.38	1.90	14.50	4.25	1.78	0.24
11.95	2.24	0.47	3.02	14.55	4.26	1.79	0.23
12.00	2.42	0.56	3.69	14.60	4.27	1.79	0.23
12.05	2.71	0.73	5.80	14.65	4.27	1.80	0.22
12.10	3.01	0.91	5.39	14.70	4.28	1.81	0.22
12.15	3.11	0.98	2.29	14.75	4.29	1.81	0.21
12.20	3.21	1.05	2.15	14.80	4.30	1.82	0.21
12.25	3.29	1.10	1.68	14.85	4.31	1.82	0.20
12.30	3.36	1.15	1.59	14.90	4.31	1.83	0.20
12.35	3.42	1.18	1.25	14.95	4.32	1.84	0.19
12.40	3.47	1.22	1.24	15.00	4.33	1.84	0.19
12.45	3.52	1.25	1.20	15.05	4.34	1.85	0.18
12.50	3.57	1.29	1.12	15.10	4.34	1.85	0.18
12.55	3.60	1.31	0.79	15.15	4.35	1.86	0.18
12.60	3.64	1.34	0.78	15.20	4.36	1.86	0.18
12.65	3.67	1.36	0.74	15.25	4.36	1.87	0.18
12.70	3.70	1.38	0.73	15.30	4.37	1.87	0.18
12.75	3.73	1.40	0.68	15.35	4.38	1.88	0.18
12.80	3.76	1.42	0.67	15.40	4.39	1.88	0.18
12.85	3.78	1.44	0.62	15.45	4.39	1.89	0.17
12.90	3.81	1.46	0.61	15.50	4.40	1.89	0.17
12.95	3.83	1.47	0.56	15.55	4.41	1.90	0.17

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.17	18.20	4.68	2.12	0.11
15.65	4.42	1.91	0.17	18.25	4.69	2.12	0.11
15.70	4.42	1.91	0.17	18.30	4.69	2.12	0.11
15.75	4.43	1.92	0.17	18.35	4.70	2.12	0.11
15.80	4.44	1.92	0.17	18.40	4.70	2.13	0.11
15.85	4.44	1.93	0.16	18.45	4.70	2.13	0.11
15.90	4.45	1.93	0.16	18.50	4.71	2.13	0.11
15.95	4.46	1.94	0.16	18.55	4.71	2.14	0.10
16.00	4.46	1.94	0.16	18.60	4.72	2.14	0.10
16.05	4.47	1.95	0.16	18.65	4.72	2.14	0.10
16.10	4.47	1.95	0.16	18.70	4.72	2.15	0.10
16.15	4.48	1.96	0.16	18.75	4.73	2.15	0.10
16.20	4.49	1.96	0.16	18.80	4.73	2.15	0.10
16.25	4.49	1.97	0.15	18.85	4.74	2.16	0.10
16.30	4.50	1.97	0.15	18.90	4.74	2.16	0.10
16.35	4.50	1.98	0.15	18.95	4.74	2.16	0.10
16.40	4.51	1.98	0.15	19.00	4.75	2.16	0.10
16.45	4.52	1.98	0.15	19.05	4.75	2.17	0.10
16.50	4.52	1.99	0.15	19.10	4.76	2.17	0.10
16.55	4.53	1.99	0.15	19.15	4.76	2.17	0.10
16.60	4.53	2.00	0.15	19.20	4.76	2.18	0.10
16.65	4.54	2.00	0.14	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.14	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.14	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.14	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.14	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.14	19.50	4.79	2.19	0.10
16.95	4.57	2.03	0.14	19.55	4.79	2.20	0.10
17.00	4.58	2.03	0.14	19.60	4.79	2.20	0.10
17.05	4.58	2.03	0.13	19.65	4.80	2.20	0.10
17.10	4.59	2.04	0.13	19.70	4.80	2.21	0.10
17.15	4.59	2.04	0.13	19.75	4.80	2.21	0.10
17.20	4.60	2.05	0.13	19.80	4.81	2.21	0.10
17.25	4.60	2.05	0.13	19.85	4.81	2.21	0.10
17.30	4.61	2.05	0.13	19.90	4.81	2.22	0.10
17.35	4.61	2.06	0.13	19.95	4.82	2.22	0.10
17.40	4.61	2.06	0.13	20.00	4.82	2.22	0.10
17.45	4.62	2.06	0.12	20.05	4.83	2.23	0.10
17.50	4.62	2.07	0.12	20.10	4.83	2.23	0.10
17.55	4.63	2.07	0.12	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.12	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.12	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.12	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.12	20.35	4.85	2.24	0.09
17.80	4.65	2.09	0.12	20.40	4.85	2.25	0.09
17.85	4.66	2.09	0.11	20.45	4.85	2.25	0.09
17.90	4.66	2.10	0.11	20.50	4.86	2.25	0.09
17.95	4.66	2.10	0.11	20.55	4.86	2.25	0.09
18.00	4.67	2.10	0.11	20.60	4.86	2.26	0.09
18.05	4.67	2.11	0.11	20.65	4.87	2.26	0.09
18.10	4.68	2.11	0.11	20.70	4.87	2.26	0.09
18.15	4.68	2.11	0.11	20.75	4.87	2.26	0.09

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.09	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.09	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.09	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.09
21.40	4.92	2.30	0.09	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.09	24.05	5.07	2.42	0.00
21.50	4.92	2.30	0.09	24.10	5.07	2.42	0.00
21.55	4.93	2.31	0.09	24.15	5.07	2.42	0.00
21.60	4.93	2.31	0.09	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.09	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.09	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.09	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.09	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.08	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.08	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.08	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.08	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.08	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.08	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.08	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.08	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.08	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 42I: PDA-42 (impervious)

Runoff = 1.77 cfs @ 12.07 hrs, Volume= 0.120 af, Depth= 4.83"
 Routed to Pond B-42 : Basin #42

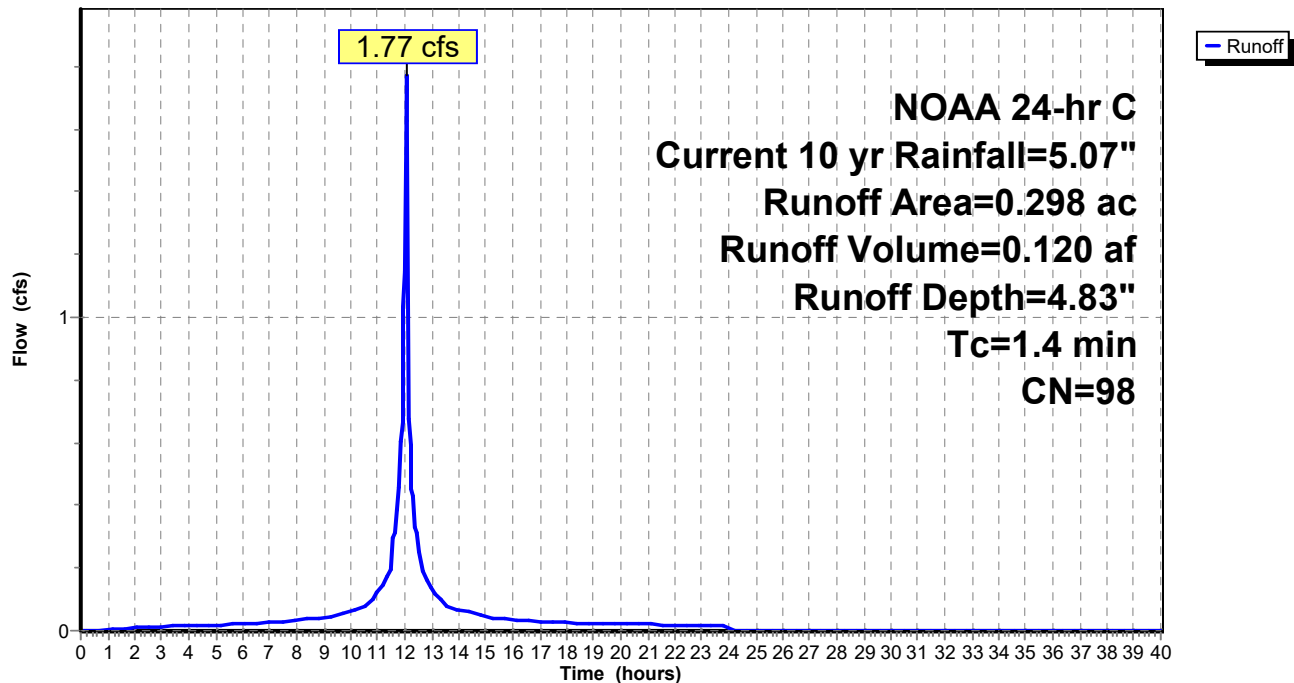
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.298	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.298	98	Weighted Average
0.298		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42I: PDA-42 (impervious)

Hydrograph



Hydrograph for Subcatchment 42I: PDA-42 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.01
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.01
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.01
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.01
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.01
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.01
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.01
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.01
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.01
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.01
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.01
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.01
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.01
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.01
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.01
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.01
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.01
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.01
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.01
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.01
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.01
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.02
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.02
1.15	0.06	0.00	0.00	3.75	0.23	0.09	0.02
1.20	0.07	0.00	0.00	3.80	0.23	0.09	0.02
1.25	0.07	0.00	0.00	3.85	0.24	0.10	0.02
1.30	0.07	0.00	0.00	3.90	0.24	0.10	0.02
1.35	0.08	0.01	0.00	3.95	0.24	0.10	0.02
1.40	0.08	0.01	0.00	4.00	0.25	0.10	0.02
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.02
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.02
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.02
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.02
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.02
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.02
1.75	0.10	0.01	0.01	4.35	0.27	0.12	0.02
1.80	0.10	0.01	0.01	4.40	0.28	0.13	0.02
1.85	0.11	0.02	0.01	4.45	0.28	0.13	0.02
1.90	0.11	0.02	0.01	4.50	0.28	0.13	0.02
1.95	0.11	0.02	0.01	4.55	0.29	0.14	0.02
2.00	0.11	0.02	0.01	4.60	0.29	0.14	0.02
2.05	0.12	0.02	0.01	4.65	0.30	0.14	0.02
2.10	0.12	0.02	0.01	4.70	0.30	0.14	0.02
2.15	0.12	0.02	0.01	4.75	0.30	0.15	0.02
2.20	0.13	0.03	0.01	4.80	0.31	0.15	0.02
2.25	0.13	0.03	0.01	4.85	0.31	0.15	0.02
2.30	0.13	0.03	0.01	4.90	0.31	0.16	0.02
2.35	0.14	0.03	0.01	4.95	0.32	0.16	0.02
2.40	0.14	0.03	0.01	5.00	0.32	0.16	0.02
2.45	0.14	0.03	0.01	5.05	0.33	0.17	0.02
2.50	0.15	0.04	0.01	5.10	0.33	0.17	0.02
2.55	0.15	0.04	0.01	5.15	0.33	0.17	0.02

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.02	7.80	0.58	0.39	0.03
5.25	0.34	0.18	0.02	7.85	0.59	0.40	0.03
5.30	0.35	0.18	0.02	7.90	0.60	0.41	0.03
5.35	0.35	0.19	0.02	7.95	0.60	0.41	0.03
5.40	0.35	0.19	0.02	8.00	0.61	0.42	0.03
5.45	0.36	0.19	0.02	8.05	0.61	0.42	0.03
5.50	0.36	0.20	0.02	8.10	0.62	0.43	0.03
5.55	0.37	0.20	0.02	8.15	0.63	0.43	0.04
5.60	0.37	0.20	0.02	8.20	0.63	0.44	0.04
5.65	0.37	0.21	0.02	8.25	0.64	0.45	0.04
5.70	0.38	0.21	0.02	8.30	0.65	0.45	0.04
5.75	0.38	0.21	0.02	8.35	0.65	0.46	0.04
5.80	0.39	0.22	0.02	8.40	0.66	0.46	0.04
5.85	0.39	0.22	0.02	8.45	0.66	0.47	0.04
5.90	0.39	0.22	0.02	8.50	0.67	0.48	0.04
5.95	0.40	0.23	0.02	8.55	0.68	0.48	0.04
6.00	0.40	0.23	0.02	8.60	0.68	0.49	0.04
6.05	0.41	0.23	0.02	8.65	0.69	0.50	0.04
6.10	0.41	0.24	0.02	8.70	0.70	0.50	0.04
6.15	0.41	0.24	0.02	8.75	0.71	0.51	0.04
6.20	0.42	0.25	0.02	8.80	0.71	0.51	0.04
6.25	0.42	0.25	0.02	8.85	0.72	0.52	0.04
6.30	0.43	0.25	0.02	8.90	0.73	0.53	0.04
6.35	0.43	0.26	0.02	8.95	0.73	0.53	0.04
6.40	0.44	0.26	0.02	9.00	0.74	0.54	0.04
6.45	0.44	0.27	0.02	9.05	0.75	0.55	0.04
6.50	0.45	0.27	0.02	9.10	0.76	0.56	0.04
6.55	0.45	0.27	0.03	9.15	0.76	0.56	0.04
6.60	0.46	0.28	0.03	9.20	0.77	0.57	0.05
6.65	0.46	0.28	0.03	9.25	0.78	0.58	0.05
6.70	0.46	0.29	0.03	9.30	0.79	0.59	0.05
6.75	0.47	0.29	0.03	9.35	0.80	0.59	0.05
6.80	0.47	0.29	0.03	9.40	0.80	0.60	0.05
6.85	0.48	0.30	0.03	9.45	0.81	0.61	0.05
6.90	0.48	0.30	0.03	9.50	0.82	0.62	0.05
6.95	0.49	0.31	0.03	9.55	0.83	0.63	0.05
7.00	0.49	0.31	0.03	9.60	0.84	0.64	0.05
7.05	0.50	0.32	0.03	9.65	0.85	0.65	0.06
7.10	0.50	0.32	0.03	9.70	0.86	0.66	0.06
7.15	0.51	0.33	0.03	9.75	0.87	0.67	0.06
7.20	0.52	0.33	0.03	9.80	0.88	0.68	0.06
7.25	0.52	0.34	0.03	9.85	0.89	0.69	0.06
7.30	0.53	0.34	0.03	9.90	0.90	0.70	0.06
7.35	0.53	0.35	0.03	9.95	0.91	0.71	0.06
7.40	0.54	0.35	0.03	10.00	0.92	0.72	0.06
7.45	0.54	0.36	0.03	10.05	0.94	0.73	0.07
7.50	0.55	0.36	0.03	10.10	0.95	0.74	0.07
7.55	0.55	0.37	0.03	10.15	0.96	0.75	0.07
7.60	0.56	0.37	0.03	10.20	0.97	0.76	0.07
7.65	0.57	0.38	0.03	10.25	0.98	0.77	0.07
7.70	0.57	0.38	0.03	10.30	0.99	0.79	0.07
7.75	0.58	0.39	0.03	10.35	1.01	0.80	0.07

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.07	13.00	3.85	3.62	0.13
10.45	1.03	0.82	0.07	13.05	3.87	3.64	0.12
10.50	1.04	0.83	0.08	13.10	3.89	3.66	0.12
10.55	1.06	0.85	0.08	13.15	3.91	3.68	0.11
10.60	1.07	0.86	0.08	13.20	3.93	3.70	0.11
10.65	1.09	0.88	0.09	13.25	3.95	3.71	0.10
10.70	1.10	0.89	0.09	13.30	3.97	3.73	0.10
10.75	1.12	0.91	0.10	13.35	3.98	3.75	0.09
10.80	1.14	0.93	0.10	13.40	4.00	3.76	0.09
10.85	1.16	0.94	0.11	13.45	4.01	3.78	0.09
10.90	1.18	0.96	0.11	13.50	4.03	3.79	0.08
10.95	1.20	0.98	0.12	13.55	4.04	3.80	0.08
11.00	1.22	1.00	0.12	13.60	4.05	3.82	0.08
11.05	1.24	1.02	0.13	13.65	4.06	3.83	0.07
11.10	1.26	1.05	0.14	13.70	4.08	3.84	0.07
11.15	1.29	1.07	0.15	13.75	4.09	3.85	0.07
11.20	1.31	1.10	0.15	13.80	4.10	3.86	0.07
11.25	1.34	1.12	0.17	13.85	4.11	3.88	0.07
11.30	1.37	1.15	0.17	13.90	4.12	3.89	0.07
11.35	1.40	1.18	0.18	13.95	4.13	3.90	0.07
11.40	1.43	1.21	0.18	14.00	4.15	3.91	0.07
11.45	1.47	1.25	0.19	14.05	4.16	3.92	0.07
11.50	1.50	1.28	0.21	14.10	4.17	3.93	0.07
11.55	1.55	1.33	0.30	14.15	4.18	3.94	0.06
11.60	1.60	1.38	0.31	14.20	4.19	3.95	0.06
11.65	1.65	1.43	0.32	14.25	4.20	3.96	0.06
11.70	1.71	1.49	0.33	14.30	4.21	3.97	0.06
11.75	1.78	1.56	0.43	14.35	4.22	3.98	0.06
11.80	1.86	1.63	0.46	14.40	4.23	3.99	0.06
11.85	1.96	1.73	0.60	14.45	4.24	4.00	0.06
11.90	2.06	1.84	0.67	14.50	4.25	4.01	0.06
11.95	2.24	2.01	1.03	14.55	4.26	4.02	0.05
12.00	2.42	2.19	1.14	14.60	4.27	4.03	0.05
12.05	2.71	2.48	1.73	14.65	4.27	4.04	0.05
12.10	3.01	2.78	1.63	14.70	4.28	4.05	0.05
12.15	3.11	2.88	0.68	14.75	4.29	4.06	0.05
12.20	3.21	2.98	0.59	14.80	4.30	4.06	0.05
12.25	3.29	3.05	0.45	14.85	4.31	4.07	0.05
12.30	3.36	3.13	0.43	14.90	4.31	4.08	0.05
12.35	3.42	3.18	0.33	14.95	4.32	4.09	0.04
12.40	3.47	3.24	0.32	15.00	4.33	4.09	0.04
12.45	3.52	3.29	0.31	15.05	4.34	4.10	0.04
12.50	3.57	3.34	0.29	15.10	4.34	4.11	0.04
12.55	3.60	3.37	0.20	15.15	4.35	4.12	0.04
12.60	3.64	3.40	0.20	15.20	4.36	4.12	0.04
12.65	3.67	3.43	0.19	15.25	4.36	4.13	0.04
12.70	3.70	3.47	0.18	15.30	4.37	4.14	0.04
12.75	3.73	3.49	0.17	15.35	4.38	4.14	0.04
12.80	3.76	3.52	0.17	15.40	4.39	4.15	0.04
12.85	3.78	3.55	0.15	15.45	4.39	4.16	0.04
12.90	3.81	3.57	0.15	15.50	4.40	4.16	0.04
12.95	3.83	3.60	0.14	15.55	4.41	4.17	0.04

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.04	18.20	4.68	4.45	0.02
15.65	4.42	4.18	0.04	18.25	4.69	4.45	0.02
15.70	4.42	4.19	0.04	18.30	4.69	4.46	0.02
15.75	4.43	4.20	0.04	18.35	4.70	4.46	0.02
15.80	4.44	4.20	0.04	18.40	4.70	4.46	0.02
15.85	4.44	4.21	0.04	18.45	4.70	4.47	0.02
15.90	4.45	4.21	0.04	18.50	4.71	4.47	0.02
15.95	4.46	4.22	0.04	18.55	4.71	4.48	0.02
16.00	4.46	4.23	0.04	18.60	4.72	4.48	0.02
16.05	4.47	4.23	0.04	18.65	4.72	4.48	0.02
16.10	4.47	4.24	0.04	18.70	4.72	4.49	0.02
16.15	4.48	4.24	0.04	18.75	4.73	4.49	0.02
16.20	4.49	4.25	0.04	18.80	4.73	4.50	0.02
16.25	4.49	4.26	0.04	18.85	4.74	4.50	0.02
16.30	4.50	4.26	0.04	18.90	4.74	4.50	0.02
16.35	4.50	4.27	0.03	18.95	4.74	4.51	0.02
16.40	4.51	4.27	0.03	19.00	4.75	4.51	0.02
16.45	4.52	4.28	0.03	19.05	4.75	4.51	0.02
16.50	4.52	4.29	0.03	19.10	4.76	4.52	0.02
16.55	4.53	4.29	0.03	19.15	4.76	4.52	0.02
16.60	4.53	4.30	0.03	19.20	4.76	4.53	0.02
16.65	4.54	4.30	0.03	19.25	4.77	4.53	0.02
16.70	4.54	4.31	0.03	19.30	4.77	4.53	0.02
16.75	4.55	4.31	0.03	19.35	4.77	4.54	0.02
16.80	4.55	4.32	0.03	19.40	4.78	4.54	0.02
16.85	4.56	4.32	0.03	19.45	4.78	4.55	0.02
16.90	4.57	4.33	0.03	19.50	4.79	4.55	0.02
16.95	4.57	4.33	0.03	19.55	4.79	4.55	0.02
17.00	4.58	4.34	0.03	19.60	4.79	4.56	0.02
17.05	4.58	4.34	0.03	19.65	4.80	4.56	0.02
17.10	4.59	4.35	0.03	19.70	4.80	4.56	0.02
17.15	4.59	4.35	0.03	19.75	4.80	4.57	0.02
17.20	4.60	4.36	0.03	19.80	4.81	4.57	0.02
17.25	4.60	4.36	0.03	19.85	4.81	4.57	0.02
17.30	4.61	4.37	0.03	19.90	4.81	4.58	0.02
17.35	4.61	4.37	0.03	19.95	4.82	4.58	0.02
17.40	4.61	4.38	0.03	20.00	4.82	4.59	0.02
17.45	4.62	4.38	0.03	20.05	4.83	4.59	0.02
17.50	4.62	4.39	0.03	20.10	4.83	4.59	0.02
17.55	4.63	4.39	0.03	20.15	4.83	4.60	0.02
17.60	4.63	4.40	0.03	20.20	4.84	4.60	0.02
17.65	4.64	4.40	0.03	20.25	4.84	4.60	0.02
17.70	4.64	4.41	0.03	20.30	4.84	4.61	0.02
17.75	4.65	4.41	0.03	20.35	4.85	4.61	0.02
17.80	4.65	4.42	0.03	20.40	4.85	4.61	0.02
17.85	4.66	4.42	0.03	20.45	4.85	4.62	0.02
17.90	4.66	4.42	0.03	20.50	4.86	4.62	0.02
17.95	4.66	4.43	0.03	20.55	4.86	4.62	0.02
18.00	4.67	4.43	0.03	20.60	4.86	4.63	0.02
18.05	4.67	4.44	0.02	20.65	4.87	4.63	0.02
18.10	4.68	4.44	0.02	20.70	4.87	4.63	0.02
18.15	4.68	4.44	0.02	20.75	4.87	4.64	0.02

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.02	23.40	5.04	4.80	0.02
20.85	4.88	4.64	0.02	23.45	5.04	4.80	0.02
20.90	4.88	4.65	0.02	23.50	5.04	4.81	0.02
20.95	4.89	4.65	0.02	23.55	5.04	4.81	0.02
21.00	4.89	4.65	0.02	23.60	5.05	4.81	0.02
21.05	4.89	4.66	0.02	23.65	5.05	4.81	0.02
21.10	4.90	4.66	0.02	23.70	5.05	4.82	0.02
21.15	4.90	4.66	0.02	23.75	5.06	4.82	0.02
21.20	4.90	4.67	0.02	23.80	5.06	4.82	0.02
21.25	4.91	4.67	0.02	23.85	5.06	4.82	0.02
21.30	4.91	4.67	0.02	23.90	5.06	4.83	0.02
21.35	4.91	4.68	0.02	23.95	5.07	4.83	0.02
21.40	4.92	4.68	0.02	24.00	5.07	4.83	0.02
21.45	4.92	4.68	0.02	24.05	5.07	4.83	0.00
21.50	4.92	4.69	0.02	24.10	5.07	4.83	0.00
21.55	4.93	4.69	0.02	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.02	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.02	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.02	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.02	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.02	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.02	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.02	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.02	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.02	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.02	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.02	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.02	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.02	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.02	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.02	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.02	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.02	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.02	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.02	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.02	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.02	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.02	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.02	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.02	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.02	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.02	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.02	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.02	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.02	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.02	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.02	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.02	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.02	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.02	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.02	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.02	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 42P: PDA-42 (pervious)

Runoff = 1.73 cfs @ 12.08 hrs, Volume= 0.097 af, Depth= 2.42"
 Routed to Pond B-42 : Basin #42

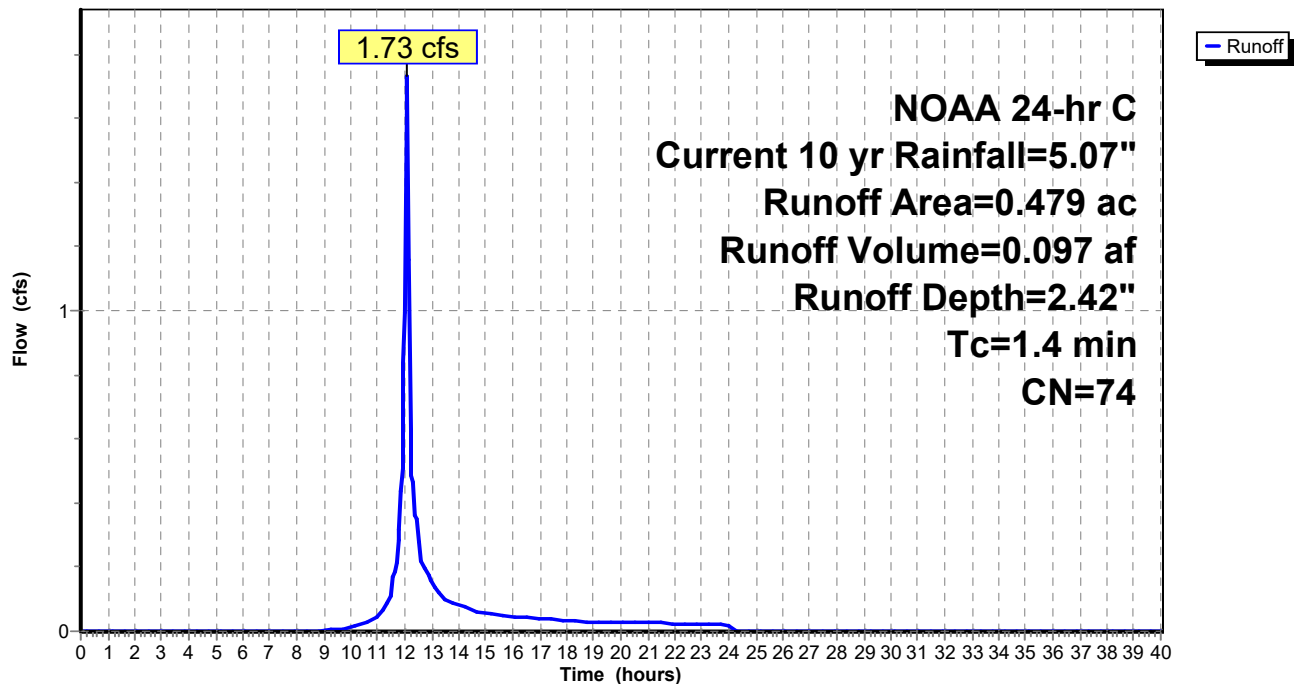
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.479	74	>75% Grass cover, Good, HSG C
0.479		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42P: PDA-42 (pervious)

Hydrograph



Hydrograph for Subcatchment 42P: PDA-42 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.00
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.01
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.01
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.01
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.01
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.01
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.01
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.01
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.02
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.02
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.02
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.02

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.02	13.00	3.85	1.49	0.16
10.45	1.03	0.03	0.02	13.05	3.87	1.50	0.14
10.50	1.04	0.03	0.02	13.10	3.89	1.52	0.14
10.55	1.06	0.03	0.02	13.15	3.91	1.53	0.13
10.60	1.07	0.04	0.03	13.20	3.93	1.55	0.13
10.65	1.09	0.04	0.03	13.25	3.95	1.56	0.12
10.70	1.10	0.04	0.03	13.30	3.97	1.57	0.12
10.75	1.12	0.04	0.03	13.35	3.98	1.58	0.11
10.80	1.14	0.05	0.03	13.40	4.00	1.59	0.11
10.85	1.16	0.05	0.04	13.45	4.01	1.60	0.10
10.90	1.18	0.06	0.04	13.50	4.03	1.61	0.10
10.95	1.20	0.06	0.04	13.55	4.04	1.62	0.09
11.00	1.22	0.07	0.05	13.60	4.05	1.63	0.09
11.05	1.24	0.07	0.05	13.65	4.06	1.64	0.09
11.10	1.26	0.08	0.06	13.70	4.08	1.65	0.09
11.15	1.29	0.08	0.06	13.75	4.09	1.66	0.09
11.20	1.31	0.09	0.07	13.80	4.10	1.67	0.09
11.25	1.34	0.10	0.08	13.85	4.11	1.68	0.08
11.30	1.37	0.11	0.08	13.90	4.12	1.69	0.08
11.35	1.40	0.12	0.09	13.95	4.13	1.70	0.08
11.40	1.43	0.13	0.09	14.00	4.15	1.70	0.08
11.45	1.47	0.14	0.10	14.05	4.16	1.71	0.08
11.50	1.50	0.15	0.11	14.10	4.17	1.72	0.08
11.55	1.55	0.16	0.17	14.15	4.18	1.73	0.08
11.60	1.60	0.18	0.18	14.20	4.19	1.74	0.08
11.65	1.65	0.20	0.19	14.25	4.20	1.74	0.07
11.70	1.71	0.22	0.21	14.30	4.21	1.75	0.07
11.75	1.78	0.25	0.29	14.35	4.22	1.76	0.07
11.80	1.86	0.29	0.32	14.40	4.23	1.77	0.07
11.85	1.96	0.33	0.44	14.45	4.24	1.77	0.07
11.90	2.06	0.38	0.51	14.50	4.25	1.78	0.07
11.95	2.24	0.47	0.84	14.55	4.26	1.79	0.07
12.00	2.42	0.56	0.99	14.60	4.27	1.79	0.07
12.05	2.71	0.73	1.61	14.65	4.27	1.80	0.06
12.10	3.01	0.91	1.62	14.70	4.28	1.81	0.06
12.15	3.11	0.98	0.70	14.75	4.29	1.81	0.06
12.20	3.21	1.05	0.63	14.80	4.30	1.82	0.06
12.25	3.29	1.10	0.48	14.85	4.31	1.82	0.06
12.30	3.36	1.15	0.46	14.90	4.31	1.83	0.06
12.35	3.42	1.18	0.36	14.95	4.32	1.84	0.05
12.40	3.47	1.22	0.35	15.00	4.33	1.84	0.05
12.45	3.52	1.25	0.34	15.05	4.34	1.85	0.05
12.50	3.57	1.29	0.33	15.10	4.34	1.85	0.05
12.55	3.60	1.31	0.23	15.15	4.35	1.86	0.05
12.60	3.64	1.34	0.22	15.20	4.36	1.86	0.05
12.65	3.67	1.36	0.21	15.25	4.36	1.87	0.05
12.70	3.70	1.38	0.21	15.30	4.37	1.87	0.05
12.75	3.73	1.40	0.19	15.35	4.38	1.88	0.05
12.80	3.76	1.42	0.19	15.40	4.39	1.88	0.05
12.85	3.78	1.44	0.18	15.45	4.39	1.89	0.05
12.90	3.81	1.46	0.17	15.50	4.40	1.89	0.05
12.95	3.83	1.47	0.16	15.55	4.41	1.90	0.05

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.05	18.20	4.68	2.12	0.03
15.65	4.42	1.91	0.05	18.25	4.69	2.12	0.03
15.70	4.42	1.91	0.05	18.30	4.69	2.12	0.03
15.75	4.43	1.92	0.05	18.35	4.70	2.12	0.03
15.80	4.44	1.92	0.05	18.40	4.70	2.13	0.03
15.85	4.44	1.93	0.05	18.45	4.70	2.13	0.03
15.90	4.45	1.93	0.05	18.50	4.71	2.13	0.03
15.95	4.46	1.94	0.05	18.55	4.71	2.14	0.03
16.00	4.46	1.94	0.05	18.60	4.72	2.14	0.03
16.05	4.47	1.95	0.05	18.65	4.72	2.14	0.03
16.10	4.47	1.95	0.05	18.70	4.72	2.15	0.03
16.15	4.48	1.96	0.04	18.75	4.73	2.15	0.03
16.20	4.49	1.96	0.04	18.80	4.73	2.15	0.03
16.25	4.49	1.97	0.04	18.85	4.74	2.16	0.03
16.30	4.50	1.97	0.04	18.90	4.74	2.16	0.03
16.35	4.50	1.98	0.04	18.95	4.74	2.16	0.03
16.40	4.51	1.98	0.04	19.00	4.75	2.16	0.03
16.45	4.52	1.98	0.04	19.05	4.75	2.17	0.03
16.50	4.52	1.99	0.04	19.10	4.76	2.17	0.03
16.55	4.53	1.99	0.04	19.15	4.76	2.17	0.03
16.60	4.53	2.00	0.04	19.20	4.76	2.18	0.03
16.65	4.54	2.00	0.04	19.25	4.77	2.18	0.03
16.70	4.54	2.01	0.04	19.30	4.77	2.18	0.03
16.75	4.55	2.01	0.04	19.35	4.77	2.19	0.03
16.80	4.55	2.01	0.04	19.40	4.78	2.19	0.03
16.85	4.56	2.02	0.04	19.45	4.78	2.19	0.03
16.90	4.57	2.02	0.04	19.50	4.79	2.19	0.03
16.95	4.57	2.03	0.04	19.55	4.79	2.20	0.03
17.00	4.58	2.03	0.04	19.60	4.79	2.20	0.03
17.05	4.58	2.03	0.04	19.65	4.80	2.20	0.03
17.10	4.59	2.04	0.04	19.70	4.80	2.21	0.03
17.15	4.59	2.04	0.04	19.75	4.80	2.21	0.03
17.20	4.60	2.05	0.04	19.80	4.81	2.21	0.03
17.25	4.60	2.05	0.04	19.85	4.81	2.21	0.03
17.30	4.61	2.05	0.04	19.90	4.81	2.22	0.03
17.35	4.61	2.06	0.04	19.95	4.82	2.22	0.03
17.40	4.61	2.06	0.04	20.00	4.82	2.22	0.03
17.45	4.62	2.06	0.04	20.05	4.83	2.23	0.03
17.50	4.62	2.07	0.04	20.10	4.83	2.23	0.03
17.55	4.63	2.07	0.03	20.15	4.83	2.23	0.03
17.60	4.63	2.08	0.03	20.20	4.84	2.23	0.03
17.65	4.64	2.08	0.03	20.25	4.84	2.24	0.03
17.70	4.64	2.08	0.03	20.30	4.84	2.24	0.03
17.75	4.65	2.09	0.03	20.35	4.85	2.24	0.03
17.80	4.65	2.09	0.03	20.40	4.85	2.25	0.03
17.85	4.66	2.09	0.03	20.45	4.85	2.25	0.03
17.90	4.66	2.10	0.03	20.50	4.86	2.25	0.03
17.95	4.66	2.10	0.03	20.55	4.86	2.25	0.03
18.00	4.67	2.10	0.03	20.60	4.86	2.26	0.03
18.05	4.67	2.11	0.03	20.65	4.87	2.26	0.03
18.10	4.68	2.11	0.03	20.70	4.87	2.26	0.03
18.15	4.68	2.11	0.03	20.75	4.87	2.26	0.03

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.03	23.40	5.04	2.39	0.02
20.85	4.88	2.27	0.03	23.45	5.04	2.40	0.02
20.90	4.88	2.27	0.03	23.50	5.04	2.40	0.02
20.95	4.89	2.28	0.03	23.55	5.04	2.40	0.02
21.00	4.89	2.28	0.03	23.60	5.05	2.40	0.02
21.05	4.89	2.28	0.03	23.65	5.05	2.40	0.02
21.10	4.90	2.28	0.03	23.70	5.05	2.41	0.02
21.15	4.90	2.29	0.03	23.75	5.06	2.41	0.02
21.20	4.90	2.29	0.03	23.80	5.06	2.41	0.02
21.25	4.91	2.29	0.03	23.85	5.06	2.41	0.02
21.30	4.91	2.29	0.03	23.90	5.06	2.42	0.02
21.35	4.91	2.30	0.02	23.95	5.07	2.42	0.02
21.40	4.92	2.30	0.02	24.00	5.07	2.42	0.02
21.45	4.92	2.30	0.02	24.05	5.07	2.42	0.00
21.50	4.92	2.30	0.02	24.10	5.07	2.42	0.00
21.55	4.93	2.31	0.02	24.15	5.07	2.42	0.00
21.60	4.93	2.31	0.02	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.02	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.02	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.02	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.02	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.02	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.02	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.02	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.02	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.02	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.02	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.02	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.02	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.02	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.02	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.02	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.02	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.02	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.02	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.02	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.02	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.02	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.02	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.02	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.02	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.02	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.02	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.02	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.02	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.02	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.02	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.02	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.02	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.02	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.02	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.02	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 43I: PDA-43 (impervious)

Runoff = 5.56 cfs @ 12.08 hrs, Volume= 0.370 af, Depth= 4.83"
 Routed to Pond B-43 : Basin #43

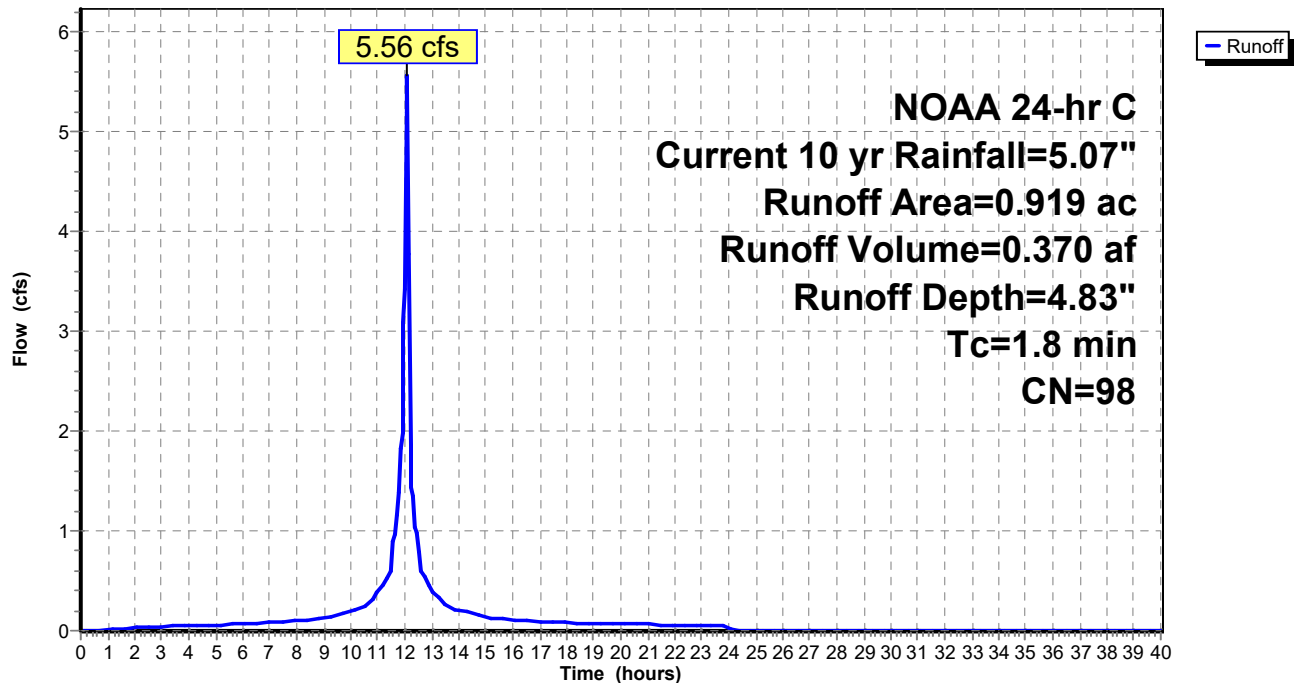
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.326	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.071	98	Concrete, HSC C
0.919	98	Weighted Average
0.919		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8					Direct Entry,

Subcatchment 43I: PDA-43 (impervious)

Hydrograph



Hydrograph for Subcatchment 43I: PDA-43 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.04
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.04
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.04
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.04
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.04
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.04
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.04
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.04
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.04
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.04
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.04
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.04
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.04
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.05
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.05
1.00	0.06	0.00	0.01	3.60	0.22	0.08	0.05
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.05
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.05
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.05
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.05
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.05
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.05
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.05
1.40	0.08	0.01	0.02	4.00	0.25	0.10	0.05
1.45	0.08	0.01	0.02	4.05	0.25	0.11	0.05
1.50	0.08	0.01	0.02	4.10	0.26	0.11	0.05
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.05
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.05
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.05
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.05
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.05
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.05
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.05
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.05
1.95	0.11	0.02	0.03	4.55	0.29	0.14	0.05
2.00	0.11	0.02	0.03	4.60	0.29	0.14	0.06
2.05	0.12	0.02	0.03	4.65	0.30	0.14	0.06
2.10	0.12	0.02	0.03	4.70	0.30	0.14	0.06
2.15	0.12	0.02	0.03	4.75	0.30	0.15	0.06
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.06
2.25	0.13	0.03	0.03	4.85	0.31	0.15	0.06
2.30	0.13	0.03	0.03	4.90	0.31	0.16	0.06
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.06
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.06
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.06
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.06
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.06

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.11
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.11
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.11
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.11
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.11
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.11
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.07	8.50	0.67	0.48	0.12
5.95	0.40	0.23	0.07	8.55	0.68	0.48	0.12
6.00	0.40	0.23	0.07	8.60	0.68	0.49	0.12
6.05	0.41	0.23	0.07	8.65	0.69	0.50	0.12
6.10	0.41	0.24	0.07	8.70	0.70	0.50	0.12
6.15	0.41	0.24	0.07	8.75	0.71	0.51	0.12
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.13
6.45	0.44	0.27	0.08	9.05	0.75	0.55	0.13
6.50	0.45	0.27	0.08	9.10	0.76	0.56	0.13
6.55	0.45	0.27	0.08	9.15	0.76	0.56	0.14
6.60	0.46	0.28	0.08	9.20	0.77	0.57	0.14
6.65	0.46	0.28	0.08	9.25	0.78	0.58	0.15
6.70	0.46	0.29	0.08	9.30	0.79	0.59	0.15
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.15
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.15
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.16
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.16
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.17
7.00	0.49	0.31	0.09	9.60	0.84	0.64	0.17
7.05	0.50	0.32	0.09	9.65	0.85	0.65	0.17
7.10	0.50	0.32	0.09	9.70	0.86	0.66	0.17
7.15	0.51	0.33	0.09	9.75	0.87	0.67	0.18
7.20	0.52	0.33	0.09	9.80	0.88	0.68	0.18
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.19
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.19
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.19
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.20
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.20
7.50	0.55	0.36	0.10	10.10	0.95	0.74	0.20
7.55	0.55	0.37	0.10	10.15	0.96	0.75	0.21
7.60	0.56	0.37	0.10	10.20	0.97	0.76	0.21
7.65	0.57	0.38	0.10	10.25	0.98	0.77	0.22
7.70	0.57	0.38	0.10	10.30	0.99	0.79	0.22
7.75	0.58	0.39	0.10	10.35	1.01	0.80	0.22

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.22	13.00	3.85	3.62	0.42
10.45	1.03	0.82	0.23	13.05	3.87	3.64	0.38
10.50	1.04	0.83	0.23	13.10	3.89	3.66	0.37
10.55	1.06	0.85	0.25	13.15	3.91	3.68	0.35
10.60	1.07	0.86	0.26	13.20	3.93	3.70	0.34
10.65	1.09	0.88	0.28	13.25	3.95	3.71	0.32
10.70	1.10	0.89	0.29	13.30	3.97	3.73	0.32
10.75	1.12	0.91	0.31	13.35	3.98	3.75	0.29
10.80	1.14	0.93	0.31	13.40	4.00	3.76	0.29
10.85	1.16	0.94	0.33	13.45	4.01	3.78	0.27
10.90	1.18	0.96	0.34	13.50	4.03	3.79	0.26
10.95	1.20	0.98	0.36	13.55	4.04	3.80	0.24
11.00	1.22	1.00	0.37	13.60	4.05	3.82	0.24
11.05	1.24	1.02	0.41	13.65	4.06	3.83	0.23
11.10	1.26	1.05	0.42	13.70	4.08	3.84	0.23
11.15	1.29	1.07	0.46	13.75	4.09	3.85	0.22
11.20	1.31	1.10	0.47	13.80	4.10	3.86	0.22
11.25	1.34	1.12	0.51	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.52	13.90	4.12	3.89	0.22
11.35	1.40	1.18	0.56	13.95	4.13	3.90	0.21
11.40	1.43	1.21	0.57	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.60	14.05	4.16	3.92	0.20
11.50	1.50	1.28	0.63	14.10	4.17	3.93	0.20
11.55	1.55	1.33	0.89	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.94	14.20	4.19	3.95	0.19
11.65	1.65	1.43	0.98	14.25	4.20	3.96	0.19
11.70	1.71	1.49	1.01	14.30	4.21	3.97	0.19
11.75	1.78	1.56	1.31	14.35	4.22	3.98	0.18
11.80	1.86	1.63	1.39	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.82	14.45	4.24	4.00	0.17
11.90	2.06	1.84	1.98	14.50	4.25	4.01	0.17
11.95	2.24	2.01	3.09	14.55	4.26	4.02	0.17
12.00	2.42	2.19	3.41	14.60	4.27	4.03	0.17
12.05	2.71	2.48	5.18	14.65	4.27	4.04	0.16
12.10	3.01	2.78	5.21	14.70	4.28	4.05	0.16
12.15	3.11	2.88	2.34	14.75	4.29	4.06	0.15
12.20	3.21	2.98	1.86	14.80	4.30	4.06	0.15
12.25	3.29	3.05	1.43	14.85	4.31	4.07	0.15
12.30	3.36	3.13	1.34	14.90	4.31	4.08	0.14
12.35	3.42	3.18	1.04	14.95	4.32	4.09	0.14
12.40	3.47	3.24	0.99	15.00	4.33	4.09	0.14
12.45	3.52	3.29	0.95	15.05	4.34	4.10	0.13
12.50	3.57	3.34	0.92	15.10	4.34	4.11	0.13
12.55	3.60	3.37	0.65	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.61	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.58	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.57	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.53	15.35	4.38	4.14	0.13
12.80	3.76	3.52	0.52	15.40	4.39	4.15	0.13
12.85	3.78	3.55	0.48	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.47	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.43	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.08
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.12	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.12	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.11	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.11	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.07
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.07
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.07
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.07
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.07
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.07
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.08	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.06
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.06
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.01
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.00
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.06	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.06	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.06	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 43P: PDA-43 (pervious)

Runoff = 4.54 cfs @ 12.20 hrs, Volume= 0.362 af, Depth= 2.42"
 Routed to Pond B-43 : Basin #43

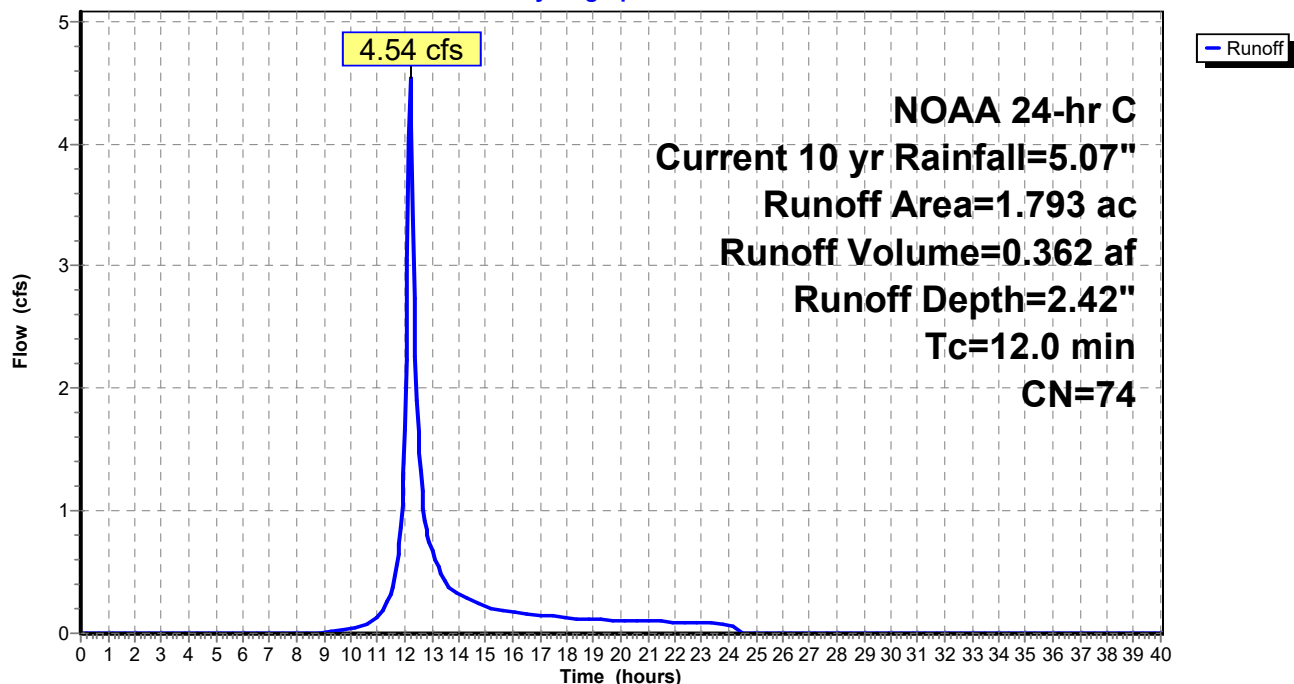
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.793	74	>75% Grass cover, Good, HSG C
1.793		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.0					Direct Entry,

Subcatchment 43P: PDA-43 (pervious)

Hydrograph



Hydrograph for Subcatchment 43P: PDA-43 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.04
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.04
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.05
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.05
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.06

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.06	13.00	3.85	1.49	0.69
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.65
10.50	1.04	0.03	0.07	13.10	3.89	1.52	0.62
10.55	1.06	0.03	0.07	13.15	3.91	1.53	0.58
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.55
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.53
10.70	1.10	0.04	0.09	13.30	3.97	1.57	0.51
10.75	1.12	0.04	0.09	13.35	3.98	1.58	0.49
10.80	1.14	0.05	0.10	13.40	4.00	1.59	0.47
10.85	1.16	0.05	0.11	13.45	4.01	1.60	0.45
10.90	1.18	0.06	0.12	13.50	4.03	1.61	0.43
10.95	1.20	0.06	0.13	13.55	4.04	1.62	0.41
11.00	1.22	0.07	0.14	13.60	4.05	1.63	0.39
11.05	1.24	0.07	0.15	13.65	4.06	1.64	0.37
11.10	1.26	0.08	0.16	13.70	4.08	1.65	0.36
11.15	1.29	0.08	0.18	13.75	4.09	1.66	0.35
11.20	1.31	0.09	0.19	13.80	4.10	1.67	0.34
11.25	1.34	0.10	0.21	13.85	4.11	1.68	0.33
11.30	1.37	0.11	0.23	13.90	4.12	1.69	0.33
11.35	1.40	0.12	0.25	13.95	4.13	1.70	0.32
11.40	1.43	0.13	0.28	14.00	4.15	1.70	0.32
11.45	1.47	0.14	0.30	14.05	4.16	1.71	0.31
11.50	1.50	0.15	0.32	14.10	4.17	1.72	0.31
11.55	1.55	0.16	0.35	14.15	4.18	1.73	0.30
11.60	1.60	0.18	0.40	14.20	4.19	1.74	0.30
11.65	1.65	0.20	0.48	14.25	4.20	1.74	0.29
11.70	1.71	0.22	0.56	14.30	4.21	1.75	0.29
11.75	1.78	0.25	0.64	14.35	4.22	1.76	0.28
11.80	1.86	0.29	0.73	14.40	4.23	1.77	0.28
11.85	1.96	0.33	0.86	14.45	4.24	1.77	0.27
11.90	2.06	0.38	1.04	14.50	4.25	1.78	0.27
11.95	2.24	0.47	1.29	14.55	4.26	1.79	0.26
12.00	2.42	0.56	1.66	14.60	4.27	1.79	0.26
12.05	2.71	0.73	2.23	14.65	4.27	1.80	0.25
12.10	3.01	0.91	3.05	14.70	4.28	1.81	0.25
12.15	3.11	0.98	4.06	14.75	4.29	1.81	0.24
12.20	3.21	1.05	4.54	14.80	4.30	1.82	0.24
12.25	3.29	1.10	4.14	14.85	4.31	1.82	0.23
12.30	3.36	1.15	3.38	14.90	4.31	1.83	0.23
12.35	3.42	1.18	2.73	14.95	4.32	1.84	0.22
12.40	3.47	1.22	2.26	15.00	4.33	1.84	0.22
12.45	3.52	1.25	1.90	15.05	4.34	1.85	0.21
12.50	3.57	1.29	1.64	15.10	4.34	1.85	0.21
12.55	3.60	1.31	1.48	15.15	4.35	1.86	0.20
12.60	3.64	1.34	1.33	15.20	4.36	1.86	0.20
12.65	3.67	1.36	1.17	15.25	4.36	1.87	0.20
12.70	3.70	1.38	1.02	15.30	4.37	1.87	0.19
12.75	3.73	1.40	0.92	15.35	4.38	1.88	0.19
12.80	3.76	1.42	0.85	15.40	4.39	1.88	0.19
12.85	3.78	1.44	0.80	15.45	4.39	1.89	0.19
12.90	3.81	1.46	0.76	15.50	4.40	1.89	0.19
12.95	3.83	1.47	0.72	15.55	4.41	1.90	0.19

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.19	18.20	4.68	2.12	0.12
15.65	4.42	1.91	0.18	18.25	4.69	2.12	0.12
15.70	4.42	1.91	0.18	18.30	4.69	2.12	0.11
15.75	4.43	1.92	0.18	18.35	4.70	2.12	0.11
15.80	4.44	1.92	0.18	18.40	4.70	2.13	0.11
15.85	4.44	1.93	0.18	18.45	4.70	2.13	0.11
15.90	4.45	1.93	0.18	18.50	4.71	2.13	0.11
15.95	4.46	1.94	0.18	18.55	4.71	2.14	0.11
16.00	4.46	1.94	0.18	18.60	4.72	2.14	0.11
16.05	4.47	1.95	0.17	18.65	4.72	2.14	0.11
16.10	4.47	1.95	0.17	18.70	4.72	2.15	0.11
16.15	4.48	1.96	0.17	18.75	4.73	2.15	0.11
16.20	4.49	1.96	0.17	18.80	4.73	2.15	0.11
16.25	4.49	1.97	0.17	18.85	4.74	2.16	0.11
16.30	4.50	1.97	0.17	18.90	4.74	2.16	0.11
16.35	4.50	1.98	0.17	18.95	4.74	2.16	0.11
16.40	4.51	1.98	0.16	19.00	4.75	2.16	0.11
16.45	4.52	1.98	0.16	19.05	4.75	2.17	0.11
16.50	4.52	1.99	0.16	19.10	4.76	2.17	0.11
16.55	4.53	1.99	0.16	19.15	4.76	2.17	0.11
16.60	4.53	2.00	0.16	19.20	4.76	2.18	0.11
16.65	4.54	2.00	0.16	19.25	4.77	2.18	0.11
16.70	4.54	2.01	0.16	19.30	4.77	2.18	0.11
16.75	4.55	2.01	0.16	19.35	4.77	2.19	0.11
16.80	4.55	2.01	0.15	19.40	4.78	2.19	0.11
16.85	4.56	2.02	0.15	19.45	4.78	2.19	0.11
16.90	4.57	2.02	0.15	19.50	4.79	2.19	0.11
16.95	4.57	2.03	0.15	19.55	4.79	2.20	0.11
17.00	4.58	2.03	0.15	19.60	4.79	2.20	0.11
17.05	4.58	2.03	0.15	19.65	4.80	2.20	0.11
17.10	4.59	2.04	0.15	19.70	4.80	2.21	0.11
17.15	4.59	2.04	0.14	19.75	4.80	2.21	0.11
17.20	4.60	2.05	0.14	19.80	4.81	2.21	0.10
17.25	4.60	2.05	0.14	19.85	4.81	2.21	0.10
17.30	4.61	2.05	0.14	19.90	4.81	2.22	0.10
17.35	4.61	2.06	0.14	19.95	4.82	2.22	0.10
17.40	4.61	2.06	0.14	20.00	4.82	2.22	0.10
17.45	4.62	2.06	0.14	20.05	4.83	2.23	0.10
17.50	4.62	2.07	0.14	20.10	4.83	2.23	0.10
17.55	4.63	2.07	0.13	20.15	4.83	2.23	0.10
17.60	4.63	2.08	0.13	20.20	4.84	2.23	0.10
17.65	4.64	2.08	0.13	20.25	4.84	2.24	0.10
17.70	4.64	2.08	0.13	20.30	4.84	2.24	0.10
17.75	4.65	2.09	0.13	20.35	4.85	2.24	0.10
17.80	4.65	2.09	0.13	20.40	4.85	2.25	0.10
17.85	4.66	2.09	0.13	20.45	4.85	2.25	0.10
17.90	4.66	2.10	0.12	20.50	4.86	2.25	0.10
17.95	4.66	2.10	0.12	20.55	4.86	2.25	0.10
18.00	4.67	2.10	0.12	20.60	4.86	2.26	0.10
18.05	4.67	2.11	0.12	20.65	4.87	2.26	0.10
18.10	4.68	2.11	0.12	20.70	4.87	2.26	0.10
18.15	4.68	2.11	0.12	20.75	4.87	2.26	0.10

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.10	23.40	5.04	2.39	0.08
20.85	4.88	2.27	0.10	23.45	5.04	2.40	0.08
20.90	4.88	2.27	0.10	23.50	5.04	2.40	0.08
20.95	4.89	2.28	0.10	23.55	5.04	2.40	0.08
21.00	4.89	2.28	0.10	23.60	5.05	2.40	0.08
21.05	4.89	2.28	0.10	23.65	5.05	2.40	0.08
21.10	4.90	2.28	0.10	23.70	5.05	2.41	0.08
21.15	4.90	2.29	0.10	23.75	5.06	2.41	0.08
21.20	4.90	2.29	0.10	23.80	5.06	2.41	0.08
21.25	4.91	2.29	0.10	23.85	5.06	2.41	0.08
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.08
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.08
21.40	4.92	2.30	0.09	24.00	5.07	2.42	0.08
21.45	4.92	2.30	0.09	24.05	5.07	2.42	0.08
21.50	4.92	2.30	0.09	24.10	5.07	2.42	0.07
21.55	4.93	2.31	0.09	24.15	5.07	2.42	0.05
21.60	4.93	2.31	0.09	24.20	5.07	2.42	0.03
21.65	4.93	2.31	0.09	24.25	5.07	2.42	0.02
21.70	4.94	2.31	0.09	24.30	5.07	2.42	0.01
21.75	4.94	2.32	0.09	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.09	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.09	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.09	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.09	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.09	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.09	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.09	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.09	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.09	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.09	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.09	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.09	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.09	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.09	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.09	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.09	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.09	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.09	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.09	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.08	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.08	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.08	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.08	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.08	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.08	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.08	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.08	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.08	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 44I: PDA-44 (impervious)

Runoff = 1.90 cfs @ 12.17 hrs, Volume= 0.166 af, Depth= 4.83"
 Routed to Pond B-44 : Basin #44

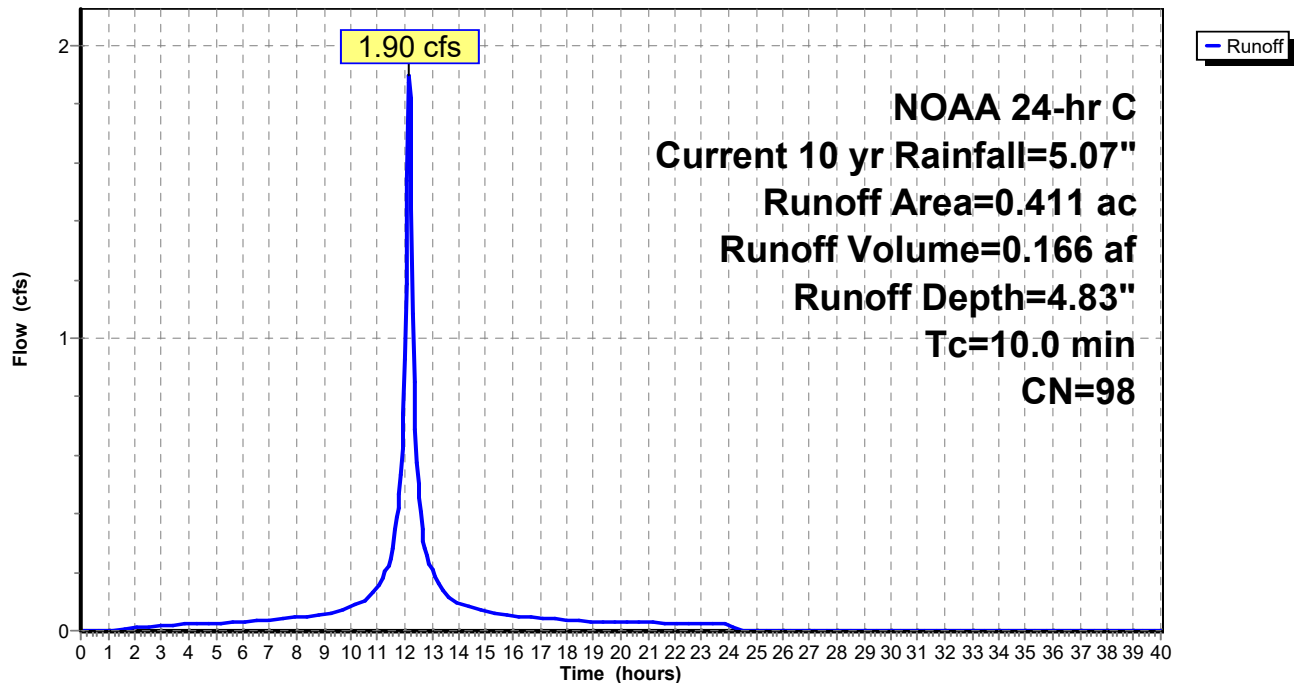
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.283	98	Pavement, HSG C
* 0.104	98	Roof, HSG C
* 0.024	98	Concrete, HSC C
0.411	98	Weighted Average
0.411		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44I: PDA-44 (impervious)

Hydrograph



Hydrograph for Subcatchment 44I: PDA-44 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.01
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.01
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.02
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.02
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.02
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.02
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.02
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.02
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.02
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.02
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.02
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.02
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.02
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.02
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.02
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.02
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.02
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.02
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.02
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.02
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.02
1.05	0.06	0.00	0.00	3.65	0.22	0.09	0.02
1.10	0.06	0.00	0.00	3.70	0.23	0.09	0.02
1.15	0.06	0.00	0.00	3.75	0.23	0.09	0.02
1.20	0.07	0.00	0.00	3.80	0.23	0.09	0.02
1.25	0.07	0.00	0.00	3.85	0.24	0.10	0.02
1.30	0.07	0.00	0.00	3.90	0.24	0.10	0.02
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.02
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.02
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.02
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.02
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.02
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.02
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.02
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.02
1.75	0.10	0.01	0.01	4.35	0.27	0.12	0.02
1.80	0.10	0.01	0.01	4.40	0.28	0.13	0.02
1.85	0.11	0.02	0.01	4.45	0.28	0.13	0.02
1.90	0.11	0.02	0.01	4.50	0.28	0.13	0.02
1.95	0.11	0.02	0.01	4.55	0.29	0.14	0.02
2.00	0.11	0.02	0.01	4.60	0.29	0.14	0.02
2.05	0.12	0.02	0.01	4.65	0.30	0.14	0.02
2.10	0.12	0.02	0.01	4.70	0.30	0.14	0.02
2.15	0.12	0.02	0.01	4.75	0.30	0.15	0.02
2.20	0.13	0.03	0.01	4.80	0.31	0.15	0.02
2.25	0.13	0.03	0.01	4.85	0.31	0.15	0.03
2.30	0.13	0.03	0.01	4.90	0.31	0.16	0.03
2.35	0.14	0.03	0.01	4.95	0.32	0.16	0.03
2.40	0.14	0.03	0.01	5.00	0.32	0.16	0.03
2.45	0.14	0.03	0.01	5.05	0.33	0.17	0.03
2.50	0.15	0.04	0.01	5.10	0.33	0.17	0.03
2.55	0.15	0.04	0.01	5.15	0.33	0.17	0.03

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.03	7.80	0.58	0.39	0.04
5.25	0.34	0.18	0.03	7.85	0.59	0.40	0.04
5.30	0.35	0.18	0.03	7.90	0.60	0.41	0.05
5.35	0.35	0.19	0.03	7.95	0.60	0.41	0.05
5.40	0.35	0.19	0.03	8.00	0.61	0.42	0.05
5.45	0.36	0.19	0.03	8.05	0.61	0.42	0.05
5.50	0.36	0.20	0.03	8.10	0.62	0.43	0.05
5.55	0.37	0.20	0.03	8.15	0.63	0.43	0.05
5.60	0.37	0.20	0.03	8.20	0.63	0.44	0.05
5.65	0.37	0.21	0.03	8.25	0.64	0.45	0.05
5.70	0.38	0.21	0.03	8.30	0.65	0.45	0.05
5.75	0.38	0.21	0.03	8.35	0.65	0.46	0.05
5.80	0.39	0.22	0.03	8.40	0.66	0.46	0.05
5.85	0.39	0.22	0.03	8.45	0.66	0.47	0.05
5.90	0.39	0.22	0.03	8.50	0.67	0.48	0.05
5.95	0.40	0.23	0.03	8.55	0.68	0.48	0.05
6.00	0.40	0.23	0.03	8.60	0.68	0.49	0.05
6.05	0.41	0.23	0.03	8.65	0.69	0.50	0.05
6.10	0.41	0.24	0.03	8.70	0.70	0.50	0.05
6.15	0.41	0.24	0.03	8.75	0.71	0.51	0.05
6.20	0.42	0.25	0.03	8.80	0.71	0.51	0.05
6.25	0.42	0.25	0.03	8.85	0.72	0.52	0.05
6.30	0.43	0.25	0.03	8.90	0.73	0.53	0.05
6.35	0.43	0.26	0.03	8.95	0.73	0.53	0.05
6.40	0.44	0.26	0.03	9.00	0.74	0.54	0.05
6.45	0.44	0.27	0.03	9.05	0.75	0.55	0.06
6.50	0.45	0.27	0.03	9.10	0.76	0.56	0.06
6.55	0.45	0.27	0.03	9.15	0.76	0.56	0.06
6.60	0.46	0.28	0.03	9.20	0.77	0.57	0.06
6.65	0.46	0.28	0.03	9.25	0.78	0.58	0.06
6.70	0.46	0.29	0.03	9.30	0.79	0.59	0.06
6.75	0.47	0.29	0.03	9.35	0.80	0.59	0.06
6.80	0.47	0.29	0.04	9.40	0.80	0.60	0.07
6.85	0.48	0.30	0.04	9.45	0.81	0.61	0.07
6.90	0.48	0.30	0.04	9.50	0.82	0.62	0.07
6.95	0.49	0.31	0.04	9.55	0.83	0.63	0.07
7.00	0.49	0.31	0.04	9.60	0.84	0.64	0.07
7.05	0.50	0.32	0.04	9.65	0.85	0.65	0.07
7.10	0.50	0.32	0.04	9.70	0.86	0.66	0.07
7.15	0.51	0.33	0.04	9.75	0.87	0.67	0.08
7.20	0.52	0.33	0.04	9.80	0.88	0.68	0.08
7.25	0.52	0.34	0.04	9.85	0.89	0.69	0.08
7.30	0.53	0.34	0.04	9.90	0.90	0.70	0.08
7.35	0.53	0.35	0.04	9.95	0.91	0.71	0.08
7.40	0.54	0.35	0.04	10.00	0.92	0.72	0.08
7.45	0.54	0.36	0.04	10.05	0.94	0.73	0.09
7.50	0.55	0.36	0.04	10.10	0.95	0.74	0.09
7.55	0.55	0.37	0.04	10.15	0.96	0.75	0.09
7.60	0.56	0.37	0.04	10.20	0.97	0.76	0.09
7.65	0.57	0.38	0.04	10.25	0.98	0.77	0.09
7.70	0.57	0.38	0.04	10.30	0.99	0.79	0.09
7.75	0.58	0.39	0.04	10.35	1.01	0.80	0.09

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.10	13.00	3.85	3.62	0.21
10.45	1.03	0.82	0.10	13.05	3.87	3.64	0.20
10.50	1.04	0.83	0.10	13.10	3.89	3.66	0.19
10.55	1.06	0.85	0.10	13.15	3.91	3.68	0.18
10.60	1.07	0.86	0.11	13.20	3.93	3.70	0.17
10.65	1.09	0.88	0.11	13.25	3.95	3.71	0.16
10.70	1.10	0.89	0.11	13.30	3.97	3.73	0.16
10.75	1.12	0.91	0.12	13.35	3.98	3.75	0.15
10.80	1.14	0.93	0.13	13.40	4.00	3.76	0.14
10.85	1.16	0.94	0.13	13.45	4.01	3.78	0.14
10.90	1.18	0.96	0.14	13.50	4.03	3.79	0.13
10.95	1.20	0.98	0.14	13.55	4.04	3.80	0.12
11.00	1.22	1.00	0.15	13.60	4.05	3.82	0.12
11.05	1.24	1.02	0.16	13.65	4.06	3.83	0.11
11.10	1.26	1.05	0.16	13.70	4.08	3.84	0.11
11.15	1.29	1.07	0.17	13.75	4.09	3.85	0.11
11.20	1.31	1.10	0.18	13.80	4.10	3.86	0.10
11.25	1.34	1.12	0.20	13.85	4.11	3.88	0.10
11.30	1.37	1.15	0.21	13.90	4.12	3.89	0.10
11.35	1.40	1.18	0.22	13.95	4.13	3.90	0.10
11.40	1.43	1.21	0.23	14.00	4.15	3.91	0.10
11.45	1.47	1.25	0.24	14.05	4.16	3.92	0.10
11.50	1.50	1.28	0.25	14.10	4.17	3.93	0.09
11.55	1.55	1.33	0.26	14.15	4.18	3.94	0.09
11.60	1.60	1.38	0.30	14.20	4.19	3.95	0.09
11.65	1.65	1.43	0.35	14.25	4.20	3.96	0.09
11.70	1.71	1.49	0.39	14.30	4.21	3.97	0.09
11.75	1.78	1.56	0.42	14.35	4.22	3.98	0.09
11.80	1.86	1.63	0.47	14.40	4.23	3.99	0.08
11.85	1.96	1.73	0.53	14.45	4.24	4.00	0.08
11.90	2.06	1.84	0.62	14.50	4.25	4.01	0.08
11.95	2.24	2.01	0.74	14.55	4.26	4.02	0.08
12.00	2.42	2.19	0.93	14.60	4.27	4.03	0.08
12.05	2.71	2.48	1.18	14.65	4.27	4.04	0.08
12.10	3.01	2.78	1.54	14.70	4.28	4.05	0.07
12.15	3.11	2.88	1.87	14.75	4.29	4.06	0.07
12.20	3.21	2.98	1.82	14.80	4.30	4.06	0.07
12.25	3.29	3.05	1.44	14.85	4.31	4.07	0.07
12.30	3.36	3.13	1.09	14.90	4.31	4.08	0.07
12.35	3.42	3.18	0.85	14.95	4.32	4.09	0.07
12.40	3.47	3.24	0.69	15.00	4.33	4.09	0.07
12.45	3.52	3.29	0.58	15.05	4.34	4.10	0.06
12.50	3.57	3.34	0.50	15.10	4.34	4.11	0.06
12.55	3.60	3.37	0.46	15.15	4.35	4.12	0.06
12.60	3.64	3.40	0.41	15.20	4.36	4.12	0.06
12.65	3.67	3.43	0.35	15.25	4.36	4.13	0.06
12.70	3.70	3.47	0.31	15.30	4.37	4.14	0.06
12.75	3.73	3.49	0.28	15.35	4.38	4.14	0.06
12.80	3.76	3.52	0.26	15.40	4.39	4.15	0.06
12.85	3.78	3.55	0.25	15.45	4.39	4.16	0.06
12.90	3.81	3.57	0.24	15.50	4.40	4.16	0.06
12.95	3.83	3.60	0.22	15.55	4.41	4.17	0.06

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.06	18.20	4.68	4.45	0.03
15.65	4.42	4.18	0.06	18.25	4.69	4.45	0.03
15.70	4.42	4.19	0.05	18.30	4.69	4.46	0.03
15.75	4.43	4.20	0.05	18.35	4.70	4.46	0.03
15.80	4.44	4.20	0.05	18.40	4.70	4.46	0.03
15.85	4.44	4.21	0.05	18.45	4.70	4.47	0.03
15.90	4.45	4.21	0.05	18.50	4.71	4.47	0.03
15.95	4.46	4.22	0.05	18.55	4.71	4.48	0.03
16.00	4.46	4.23	0.05	18.60	4.72	4.48	0.03
16.05	4.47	4.23	0.05	18.65	4.72	4.48	0.03
16.10	4.47	4.24	0.05	18.70	4.72	4.49	0.03
16.15	4.48	4.24	0.05	18.75	4.73	4.49	0.03
16.20	4.49	4.25	0.05	18.80	4.73	4.50	0.03
16.25	4.49	4.26	0.05	18.85	4.74	4.50	0.03
16.30	4.50	4.26	0.05	18.90	4.74	4.50	0.03
16.35	4.50	4.27	0.05	18.95	4.74	4.51	0.03
16.40	4.51	4.27	0.05	19.00	4.75	4.51	0.03
16.45	4.52	4.28	0.05	19.05	4.75	4.51	0.03
16.50	4.52	4.29	0.05	19.10	4.76	4.52	0.03
16.55	4.53	4.29	0.05	19.15	4.76	4.52	0.03
16.60	4.53	4.30	0.05	19.20	4.76	4.53	0.03
16.65	4.54	4.30	0.05	19.25	4.77	4.53	0.03
16.70	4.54	4.31	0.05	19.30	4.77	4.53	0.03
16.75	4.55	4.31	0.05	19.35	4.77	4.54	0.03
16.80	4.55	4.32	0.05	19.40	4.78	4.54	0.03
16.85	4.56	4.32	0.05	19.45	4.78	4.55	0.03
16.90	4.57	4.33	0.04	19.50	4.79	4.55	0.03
16.95	4.57	4.33	0.04	19.55	4.79	4.55	0.03
17.00	4.58	4.34	0.04	19.60	4.79	4.56	0.03
17.05	4.58	4.34	0.04	19.65	4.80	4.56	0.03
17.10	4.59	4.35	0.04	19.70	4.80	4.56	0.03
17.15	4.59	4.35	0.04	19.75	4.80	4.57	0.03
17.20	4.60	4.36	0.04	19.80	4.81	4.57	0.03
17.25	4.60	4.36	0.04	19.85	4.81	4.57	0.03
17.30	4.61	4.37	0.04	19.90	4.81	4.58	0.03
17.35	4.61	4.37	0.04	19.95	4.82	4.58	0.03
17.40	4.61	4.38	0.04	20.00	4.82	4.59	0.03
17.45	4.62	4.38	0.04	20.05	4.83	4.59	0.03
17.50	4.62	4.39	0.04	20.10	4.83	4.59	0.03
17.55	4.63	4.39	0.04	20.15	4.83	4.60	0.03
17.60	4.63	4.40	0.04	20.20	4.84	4.60	0.03
17.65	4.64	4.40	0.04	20.25	4.84	4.60	0.03
17.70	4.64	4.41	0.04	20.30	4.84	4.61	0.03
17.75	4.65	4.41	0.04	20.35	4.85	4.61	0.03
17.80	4.65	4.42	0.04	20.40	4.85	4.61	0.03
17.85	4.66	4.42	0.04	20.45	4.85	4.62	0.03
17.90	4.66	4.42	0.04	20.50	4.86	4.62	0.03
17.95	4.66	4.43	0.04	20.55	4.86	4.62	0.03
18.00	4.67	4.43	0.04	20.60	4.86	4.63	0.03
18.05	4.67	4.44	0.04	20.65	4.87	4.63	0.03
18.10	4.68	4.44	0.03	20.70	4.87	4.63	0.03
18.15	4.68	4.44	0.03	20.75	4.87	4.64	0.03

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.03	23.40	5.04	4.80	0.02
20.85	4.88	4.64	0.03	23.45	5.04	4.80	0.02
20.90	4.88	4.65	0.03	23.50	5.04	4.81	0.02
20.95	4.89	4.65	0.03	23.55	5.04	4.81	0.02
21.00	4.89	4.65	0.03	23.60	5.05	4.81	0.02
21.05	4.89	4.66	0.03	23.65	5.05	4.81	0.02
21.10	4.90	4.66	0.03	23.70	5.05	4.82	0.02
21.15	4.90	4.66	0.03	23.75	5.06	4.82	0.02
21.20	4.90	4.67	0.03	23.80	5.06	4.82	0.02
21.25	4.91	4.67	0.03	23.85	5.06	4.82	0.02
21.30	4.91	4.67	0.03	23.90	5.06	4.83	0.02
21.35	4.91	4.68	0.03	23.95	5.07	4.83	0.02
21.40	4.92	4.68	0.03	24.00	5.07	4.83	0.02
21.45	4.92	4.68	0.03	24.05	5.07	4.83	0.02
21.50	4.92	4.69	0.03	24.10	5.07	4.83	0.02
21.55	4.93	4.69	0.03	24.15	5.07	4.83	0.01
21.60	4.93	4.69	0.03	24.20	5.07	4.83	0.01
21.65	4.93	4.70	0.03	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.03	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.03	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.03	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.03	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.03	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.03	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.03	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.03	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.03	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.03	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.03	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.03	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.03	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.03	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.03	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.02	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.02	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.02	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.02	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.02	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.02	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.02	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.02	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.02	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.02	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.02	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.02	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.02	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.02	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.02	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.02	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.02	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.02	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.02	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 44P: PDA-44 (pervious)

Runoff = 2.07 cfs @ 12.18 hrs, Volume= 0.156 af, Depth= 2.42"
 Routed to Pond B-44 : Basin #44

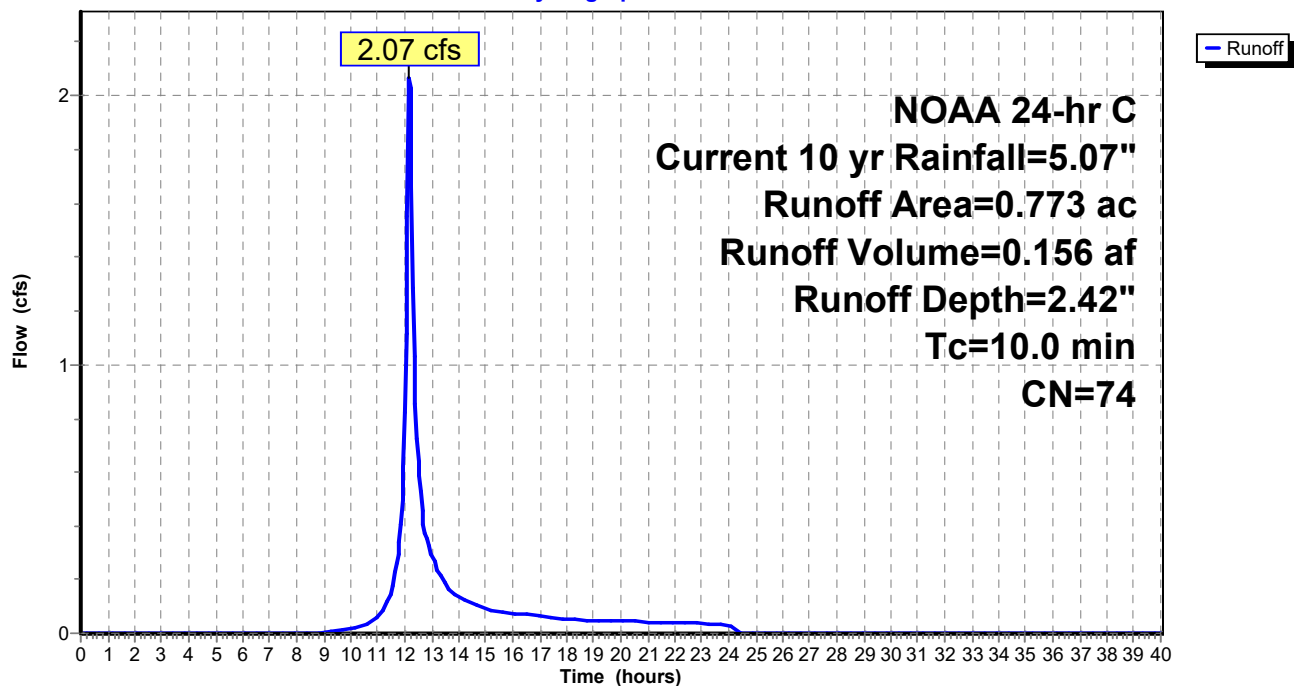
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.773	74	>75% Grass cover, Good, HSG C
0.773		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44P: PDA-44 (pervious)

Hydrograph



Hydrograph for Subcatchment 44P: PDA-44 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.01
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.01
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.02
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.02
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.02
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.03

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.03	13.00	3.85	1.49	0.29
10.45	1.03	0.03	0.03	13.05	3.87	1.50	0.27
10.50	1.04	0.03	0.03	13.10	3.89	1.52	0.26
10.55	1.06	0.03	0.03	13.15	3.91	1.53	0.24
10.60	1.07	0.04	0.03	13.20	3.93	1.55	0.23
10.65	1.09	0.04	0.04	13.25	3.95	1.56	0.22
10.70	1.10	0.04	0.04	13.30	3.97	1.57	0.21
10.75	1.12	0.04	0.04	13.35	3.98	1.58	0.20
10.80	1.14	0.05	0.05	13.40	4.00	1.59	0.20
10.85	1.16	0.05	0.05	13.45	4.01	1.60	0.19
10.90	1.18	0.06	0.05	13.50	4.03	1.61	0.18
10.95	1.20	0.06	0.06	13.55	4.04	1.62	0.17
11.00	1.22	0.07	0.06	13.60	4.05	1.63	0.16
11.05	1.24	0.07	0.07	13.65	4.06	1.64	0.16
11.10	1.26	0.08	0.07	13.70	4.08	1.65	0.15
11.15	1.29	0.08	0.08	13.75	4.09	1.66	0.15
11.20	1.31	0.09	0.09	13.80	4.10	1.67	0.14
11.25	1.34	0.10	0.10	13.85	4.11	1.68	0.14
11.30	1.37	0.11	0.11	13.90	4.12	1.69	0.14
11.35	1.40	0.12	0.11	13.95	4.13	1.70	0.14
11.40	1.43	0.13	0.12	14.00	4.15	1.70	0.14
11.45	1.47	0.14	0.14	14.05	4.16	1.71	0.13
11.50	1.50	0.15	0.15	14.10	4.17	1.72	0.13
11.55	1.55	0.16	0.16	14.15	4.18	1.73	0.13
11.60	1.60	0.18	0.19	14.20	4.19	1.74	0.13
11.65	1.65	0.20	0.23	14.25	4.20	1.74	0.12
11.70	1.71	0.22	0.26	14.30	4.21	1.75	0.12
11.75	1.78	0.25	0.30	14.35	4.22	1.76	0.12
11.80	1.86	0.29	0.34	14.40	4.23	1.77	0.12
11.85	1.96	0.33	0.41	14.45	4.24	1.77	0.12
11.90	2.06	0.38	0.50	14.50	4.25	1.78	0.11
11.95	2.24	0.47	0.62	14.55	4.26	1.79	0.11
12.00	2.42	0.56	0.82	14.60	4.27	1.79	0.11
12.05	2.71	0.73	1.12	14.65	4.27	1.80	0.11
12.10	3.01	0.91	1.55	14.70	4.28	1.81	0.11
12.15	3.11	0.98	2.00	14.75	4.29	1.81	0.10
12.20	3.21	1.05	2.03	14.80	4.30	1.82	0.10
12.25	3.29	1.10	1.66	14.85	4.31	1.82	0.10
12.30	3.36	1.15	1.28	14.90	4.31	1.83	0.10
12.35	3.42	1.18	1.03	14.95	4.32	1.84	0.10
12.40	3.47	1.22	0.85	15.00	4.33	1.84	0.09
12.45	3.52	1.25	0.72	15.05	4.34	1.85	0.09
12.50	3.57	1.29	0.64	15.10	4.34	1.85	0.09
12.55	3.60	1.31	0.59	15.15	4.35	1.86	0.09
12.60	3.64	1.34	0.53	15.20	4.36	1.86	0.09
12.65	3.67	1.36	0.46	15.25	4.36	1.87	0.08
12.70	3.70	1.38	0.40	15.30	4.37	1.87	0.08
12.75	3.73	1.40	0.37	15.35	4.38	1.88	0.08
12.80	3.76	1.42	0.35	15.40	4.39	1.88	0.08
12.85	3.78	1.44	0.33	15.45	4.39	1.89	0.08
12.90	3.81	1.46	0.32	15.50	4.40	1.89	0.08
12.95	3.83	1.47	0.30	15.55	4.41	1.90	0.08

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.08	18.20	4.68	2.12	0.05
15.65	4.42	1.91	0.08	18.25	4.69	2.12	0.05
15.70	4.42	1.91	0.08	18.30	4.69	2.12	0.05
15.75	4.43	1.92	0.08	18.35	4.70	2.12	0.05
15.80	4.44	1.92	0.08	18.40	4.70	2.13	0.05
15.85	4.44	1.93	0.08	18.45	4.70	2.13	0.05
15.90	4.45	1.93	0.08	18.50	4.71	2.13	0.05
15.95	4.46	1.94	0.08	18.55	4.71	2.14	0.05
16.00	4.46	1.94	0.08	18.60	4.72	2.14	0.05
16.05	4.47	1.95	0.07	18.65	4.72	2.14	0.05
16.10	4.47	1.95	0.07	18.70	4.72	2.15	0.05
16.15	4.48	1.96	0.07	18.75	4.73	2.15	0.05
16.20	4.49	1.96	0.07	18.80	4.73	2.15	0.05
16.25	4.49	1.97	0.07	18.85	4.74	2.16	0.05
16.30	4.50	1.97	0.07	18.90	4.74	2.16	0.05
16.35	4.50	1.98	0.07	18.95	4.74	2.16	0.05
16.40	4.51	1.98	0.07	19.00	4.75	2.16	0.05
16.45	4.52	1.98	0.07	19.05	4.75	2.17	0.05
16.50	4.52	1.99	0.07	19.10	4.76	2.17	0.05
16.55	4.53	1.99	0.07	19.15	4.76	2.17	0.05
16.60	4.53	2.00	0.07	19.20	4.76	2.18	0.05
16.65	4.54	2.00	0.07	19.25	4.77	2.18	0.05
16.70	4.54	2.01	0.07	19.30	4.77	2.18	0.05
16.75	4.55	2.01	0.07	19.35	4.77	2.19	0.05
16.80	4.55	2.01	0.07	19.40	4.78	2.19	0.05
16.85	4.56	2.02	0.07	19.45	4.78	2.19	0.05
16.90	4.57	2.02	0.06	19.50	4.79	2.19	0.05
16.95	4.57	2.03	0.06	19.55	4.79	2.20	0.05
17.00	4.58	2.03	0.06	19.60	4.79	2.20	0.05
17.05	4.58	2.03	0.06	19.65	4.80	2.20	0.05
17.10	4.59	2.04	0.06	19.70	4.80	2.21	0.05
17.15	4.59	2.04	0.06	19.75	4.80	2.21	0.05
17.20	4.60	2.05	0.06	19.80	4.81	2.21	0.05
17.25	4.60	2.05	0.06	19.85	4.81	2.21	0.05
17.30	4.61	2.05	0.06	19.90	4.81	2.22	0.04
17.35	4.61	2.06	0.06	19.95	4.82	2.22	0.04
17.40	4.61	2.06	0.06	20.00	4.82	2.22	0.04
17.45	4.62	2.06	0.06	20.05	4.83	2.23	0.04
17.50	4.62	2.07	0.06	20.10	4.83	2.23	0.04
17.55	4.63	2.07	0.06	20.15	4.83	2.23	0.04
17.60	4.63	2.08	0.06	20.20	4.84	2.23	0.04
17.65	4.64	2.08	0.06	20.25	4.84	2.24	0.04
17.70	4.64	2.08	0.06	20.30	4.84	2.24	0.04
17.75	4.65	2.09	0.06	20.35	4.85	2.24	0.04
17.80	4.65	2.09	0.05	20.40	4.85	2.25	0.04
17.85	4.66	2.09	0.05	20.45	4.85	2.25	0.04
17.90	4.66	2.10	0.05	20.50	4.86	2.25	0.04
17.95	4.66	2.10	0.05	20.55	4.86	2.25	0.04
18.00	4.67	2.10	0.05	20.60	4.86	2.26	0.04
18.05	4.67	2.11	0.05	20.65	4.87	2.26	0.04
18.10	4.68	2.11	0.05	20.70	4.87	2.26	0.04
18.15	4.68	2.11	0.05	20.75	4.87	2.26	0.04

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.04	23.40	5.04	2.39	0.03
20.85	4.88	2.27	0.04	23.45	5.04	2.40	0.03
20.90	4.88	2.27	0.04	23.50	5.04	2.40	0.03
20.95	4.89	2.28	0.04	23.55	5.04	2.40	0.03
21.00	4.89	2.28	0.04	23.60	5.05	2.40	0.03
21.05	4.89	2.28	0.04	23.65	5.05	2.40	0.03
21.10	4.90	2.28	0.04	23.70	5.05	2.41	0.03
21.15	4.90	2.29	0.04	23.75	5.06	2.41	0.03
21.20	4.90	2.29	0.04	23.80	5.06	2.41	0.03
21.25	4.91	2.29	0.04	23.85	5.06	2.41	0.03
21.30	4.91	2.29	0.04	23.90	5.06	2.42	0.03
21.35	4.91	2.30	0.04	23.95	5.07	2.42	0.03
21.40	4.92	2.30	0.04	24.00	5.07	2.42	0.03
21.45	4.92	2.30	0.04	24.05	5.07	2.42	0.04
21.50	4.92	2.30	0.04	24.10	5.07	2.42	0.03
21.55	4.93	2.31	0.04	24.15	5.07	2.42	0.02
21.60	4.93	2.31	0.04	24.20	5.07	2.42	0.01
21.65	4.93	2.31	0.04	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.04	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.04	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.04	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.04	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.04	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.04	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.04	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.04	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.04	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.04	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.04	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.04	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.04	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.04	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.04	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.04	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.04	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.04	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.04	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.04	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.04	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.04	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.04	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.04	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.04	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.04	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.04	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.04	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.04	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.04	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.04	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.03	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.03	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.03	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 45I: PDA-45 (impervious)

Runoff = 7.70 cfs @ 12.11 hrs, Volume= 0.580 af, Depth= 4.83"
 Routed to Pond B-45 : Basin #45

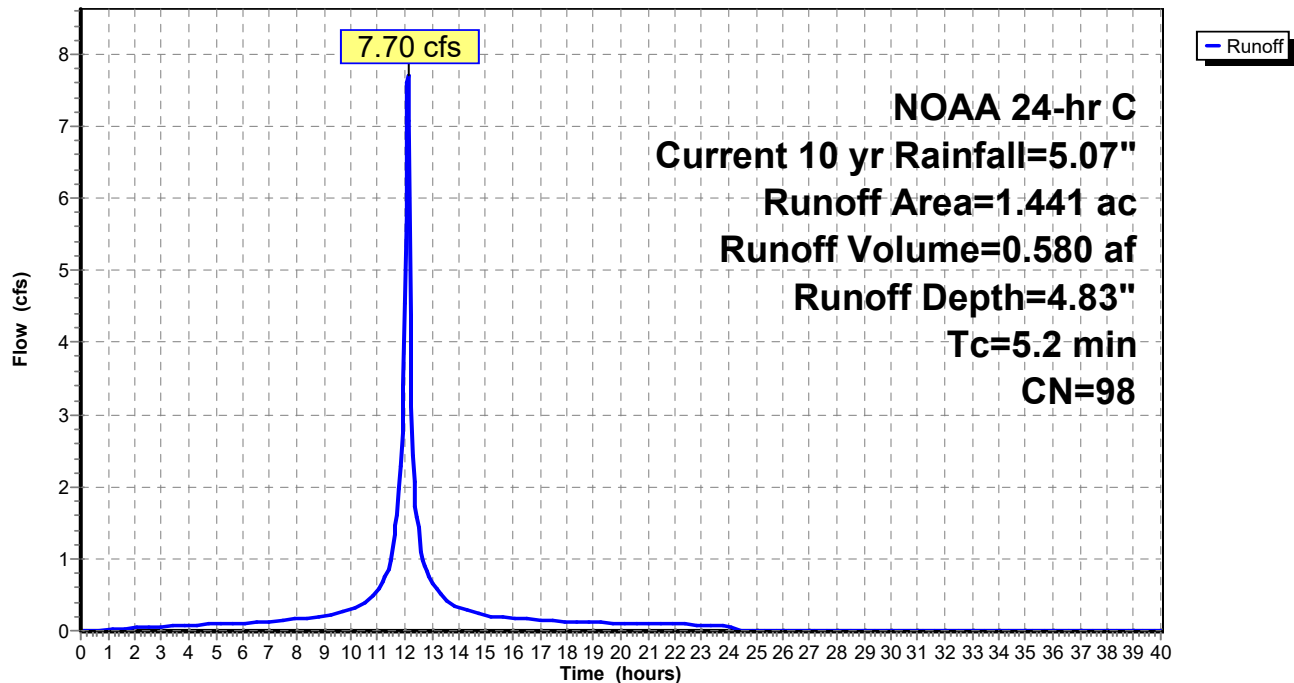
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.394	98	Pavement, HSG C
* 1.045	98	Roof, HSG C
* 0.002	98	Concrete, HSG C
1.441	98	Weighted Average
1.441		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.2					Direct Entry,

Subcatchment 45I: PDA-45 (impervious)

Hydrograph



Hydrograph for Subcatchment 45I: PDA-45 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.05
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.05
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.06
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.06
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.06
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.06
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.06
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.06
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.06
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.06
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.06
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.06
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.06
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.07
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.07
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.07
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.07
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.07
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.07
0.95	0.05	0.00	0.01	3.55	0.22	0.08	0.07
1.00	0.06	0.00	0.01	3.60	0.22	0.08	0.07
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.07
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.07
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.07
1.20	0.07	0.00	0.02	3.80	0.23	0.09	0.07
1.25	0.07	0.00	0.02	3.85	0.24	0.10	0.08
1.30	0.07	0.00	0.02	3.90	0.24	0.10	0.08
1.35	0.08	0.01	0.02	3.95	0.24	0.10	0.08
1.40	0.08	0.01	0.02	4.00	0.25	0.10	0.08
1.45	0.08	0.01	0.02	4.05	0.25	0.11	0.08
1.50	0.08	0.01	0.03	4.10	0.26	0.11	0.08
1.55	0.09	0.01	0.03	4.15	0.26	0.11	0.08
1.60	0.09	0.01	0.03	4.20	0.26	0.12	0.08
1.65	0.09	0.01	0.03	4.25	0.27	0.12	0.08
1.70	0.10	0.01	0.03	4.30	0.27	0.12	0.08
1.75	0.10	0.01	0.03	4.35	0.27	0.12	0.08
1.80	0.10	0.01	0.03	4.40	0.28	0.13	0.08
1.85	0.11	0.02	0.04	4.45	0.28	0.13	0.08
1.90	0.11	0.02	0.04	4.50	0.28	0.13	0.08
1.95	0.11	0.02	0.04	4.55	0.29	0.14	0.09
2.00	0.11	0.02	0.04	4.60	0.29	0.14	0.09
2.05	0.12	0.02	0.04	4.65	0.30	0.14	0.09
2.10	0.12	0.02	0.04	4.70	0.30	0.14	0.09
2.15	0.12	0.02	0.04	4.75	0.30	0.15	0.09
2.20	0.13	0.03	0.04	4.80	0.31	0.15	0.09
2.25	0.13	0.03	0.05	4.85	0.31	0.15	0.09
2.30	0.13	0.03	0.05	4.90	0.31	0.16	0.09
2.35	0.14	0.03	0.05	4.95	0.32	0.16	0.09
2.40	0.14	0.03	0.05	5.00	0.32	0.16	0.09
2.45	0.14	0.03	0.05	5.05	0.33	0.17	0.09
2.50	0.15	0.04	0.05	5.10	0.33	0.17	0.09
2.55	0.15	0.04	0.05	5.15	0.33	0.17	0.09

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.09	7.80	0.58	0.39	0.16
5.25	0.34	0.18	0.09	7.85	0.59	0.40	0.16
5.30	0.35	0.18	0.09	7.90	0.60	0.41	0.16
5.35	0.35	0.19	0.10	7.95	0.60	0.41	0.16
5.40	0.35	0.19	0.10	8.00	0.61	0.42	0.16
5.45	0.36	0.19	0.10	8.05	0.61	0.42	0.17
5.50	0.36	0.20	0.10	8.10	0.62	0.43	0.17
5.55	0.37	0.20	0.10	8.15	0.63	0.43	0.17
5.60	0.37	0.20	0.10	8.20	0.63	0.44	0.17
5.65	0.37	0.21	0.10	8.25	0.64	0.45	0.17
5.70	0.38	0.21	0.10	8.30	0.65	0.45	0.17
5.75	0.38	0.21	0.10	8.35	0.65	0.46	0.17
5.80	0.39	0.22	0.10	8.40	0.66	0.46	0.18
5.85	0.39	0.22	0.10	8.45	0.66	0.47	0.18
5.90	0.39	0.22	0.10	8.50	0.67	0.48	0.18
5.95	0.40	0.23	0.10	8.55	0.68	0.48	0.18
6.00	0.40	0.23	0.10	8.60	0.68	0.49	0.18
6.05	0.41	0.23	0.10	8.65	0.69	0.50	0.18
6.10	0.41	0.24	0.11	8.70	0.70	0.50	0.19
6.15	0.41	0.24	0.11	8.75	0.71	0.51	0.19
6.20	0.42	0.25	0.11	8.80	0.71	0.51	0.19
6.25	0.42	0.25	0.11	8.85	0.72	0.52	0.19
6.30	0.43	0.25	0.11	8.90	0.73	0.53	0.19
6.35	0.43	0.26	0.11	8.95	0.73	0.53	0.19
6.40	0.44	0.26	0.11	9.00	0.74	0.54	0.20
6.45	0.44	0.27	0.12	9.05	0.75	0.55	0.20
6.50	0.45	0.27	0.12	9.10	0.76	0.56	0.20
6.55	0.45	0.27	0.12	9.15	0.76	0.56	0.21
6.60	0.46	0.28	0.12	9.20	0.77	0.57	0.21
6.65	0.46	0.28	0.12	9.25	0.78	0.58	0.22
6.70	0.46	0.29	0.12	9.30	0.79	0.59	0.23
6.75	0.47	0.29	0.12	9.35	0.80	0.59	0.23
6.80	0.47	0.29	0.13	9.40	0.80	0.60	0.24
6.85	0.48	0.30	0.13	9.45	0.81	0.61	0.24
6.90	0.48	0.30	0.13	9.50	0.82	0.62	0.25
6.95	0.49	0.31	0.13	9.55	0.83	0.63	0.25
7.00	0.49	0.31	0.13	9.60	0.84	0.64	0.26
7.05	0.50	0.32	0.13	9.65	0.85	0.65	0.26
7.10	0.50	0.32	0.14	9.70	0.86	0.66	0.27
7.15	0.51	0.33	0.14	9.75	0.87	0.67	0.27
7.20	0.52	0.33	0.14	9.80	0.88	0.68	0.28
7.25	0.52	0.34	0.14	9.85	0.89	0.69	0.29
7.30	0.53	0.34	0.14	9.90	0.90	0.70	0.29
7.35	0.53	0.35	0.14	9.95	0.91	0.71	0.30
7.40	0.54	0.35	0.15	10.00	0.92	0.72	0.30
7.45	0.54	0.36	0.15	10.05	0.94	0.73	0.31
7.50	0.55	0.36	0.15	10.10	0.95	0.74	0.31
7.55	0.55	0.37	0.15	10.15	0.96	0.75	0.32
7.60	0.56	0.37	0.15	10.20	0.97	0.76	0.33
7.65	0.57	0.38	0.15	10.25	0.98	0.77	0.33
7.70	0.57	0.38	0.15	10.30	0.99	0.79	0.34
7.75	0.58	0.39	0.16	10.35	1.01	0.80	0.34

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.35	13.00	3.85	3.62	0.68
10.45	1.03	0.82	0.35	13.05	3.87	3.64	0.65
10.50	1.04	0.83	0.36	13.10	3.89	3.66	0.60
10.55	1.06	0.85	0.37	13.15	3.91	3.68	0.58
10.60	1.07	0.86	0.39	13.20	3.93	3.70	0.55
10.65	1.09	0.88	0.41	13.25	3.95	3.71	0.53
10.70	1.10	0.89	0.43	13.30	3.97	3.73	0.51
10.75	1.12	0.91	0.45	13.35	3.98	3.75	0.49
10.80	1.14	0.93	0.48	13.40	4.00	3.76	0.47
10.85	1.16	0.94	0.49	13.45	4.01	3.78	0.45
10.90	1.18	0.96	0.52	13.50	4.03	3.79	0.43
10.95	1.20	0.98	0.54	13.55	4.04	3.80	0.41
11.00	1.22	1.00	0.56	13.60	4.05	3.82	0.38
11.05	1.24	1.02	0.59	13.65	4.06	3.83	0.37
11.10	1.26	1.05	0.63	13.70	4.08	3.84	0.36
11.15	1.29	1.07	0.66	13.75	4.09	3.85	0.36
11.20	1.31	1.10	0.71	13.80	4.10	3.86	0.35
11.25	1.34	1.12	0.74	13.85	4.11	3.88	0.35
11.30	1.37	1.15	0.78	13.90	4.12	3.89	0.34
11.35	1.40	1.18	0.82	13.95	4.13	3.90	0.34
11.40	1.43	1.21	0.86	14.00	4.15	3.91	0.33
11.45	1.47	1.25	0.89	14.05	4.16	3.92	0.33
11.50	1.50	1.28	0.93	14.10	4.17	3.93	0.32
11.55	1.55	1.33	1.06	14.15	4.18	3.94	0.31
11.60	1.60	1.38	1.33	14.20	4.19	3.95	0.31
11.65	1.65	1.43	1.45	14.25	4.20	3.96	0.30
11.70	1.71	1.49	1.52	14.30	4.21	3.97	0.30
11.75	1.78	1.56	1.67	14.35	4.22	3.98	0.29
11.80	1.86	1.63	1.98	14.40	4.23	3.99	0.29
11.85	1.96	1.73	2.28	14.45	4.24	4.00	0.28
11.90	2.06	1.84	2.74	14.50	4.25	4.01	0.28
11.95	2.24	2.01	3.40	14.55	4.26	4.02	0.27
12.00	2.42	2.19	4.55	14.60	4.27	4.03	0.26
12.05	2.71	2.48	5.77	14.65	4.27	4.04	0.26
12.10	3.01	2.78	7.61	14.70	4.28	4.05	0.25
12.15	3.11	2.88	7.06	14.75	4.29	4.06	0.25
12.20	3.21	2.98	4.37	14.80	4.30	4.06	0.24
12.25	3.29	3.05	3.12	14.85	4.31	4.07	0.24
12.30	3.36	3.13	2.44	14.90	4.31	4.08	0.23
12.35	3.42	3.18	2.07	14.95	4.32	4.09	0.23
12.40	3.47	3.24	1.73	15.00	4.33	4.09	0.22
12.45	3.52	3.29	1.58	15.05	4.34	4.10	0.22
12.50	3.57	3.34	1.51	15.10	4.34	4.11	0.21
12.55	3.60	3.37	1.37	15.15	4.35	4.12	0.21
12.60	3.64	3.40	1.10	15.20	4.36	4.12	0.20
12.65	3.67	3.43	0.98	15.25	4.36	4.13	0.20
12.70	3.70	3.47	0.92	15.30	4.37	4.14	0.20
12.75	3.73	3.49	0.89	15.35	4.38	4.14	0.20
12.80	3.76	3.52	0.84	15.40	4.39	4.15	0.20
12.85	3.78	3.55	0.81	15.45	4.39	4.16	0.20
12.90	3.81	3.57	0.76	15.50	4.40	4.16	0.20
12.95	3.83	3.60	0.73	15.55	4.41	4.17	0.19

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.19	18.20	4.68	4.45	0.12
15.65	4.42	4.18	0.19	18.25	4.69	4.45	0.12
15.70	4.42	4.19	0.19	18.30	4.69	4.46	0.12
15.75	4.43	4.20	0.19	18.35	4.70	4.46	0.12
15.80	4.44	4.20	0.19	18.40	4.70	4.46	0.12
15.85	4.44	4.21	0.18	18.45	4.70	4.47	0.12
15.90	4.45	4.21	0.18	18.50	4.71	4.47	0.12
15.95	4.46	4.22	0.18	18.55	4.71	4.48	0.12
16.00	4.46	4.23	0.18	18.60	4.72	4.48	0.11
16.05	4.47	4.23	0.18	18.65	4.72	4.48	0.11
16.10	4.47	4.24	0.18	18.70	4.72	4.49	0.11
16.15	4.48	4.24	0.18	18.75	4.73	4.49	0.11
16.20	4.49	4.25	0.18	18.80	4.73	4.50	0.11
16.25	4.49	4.26	0.17	18.85	4.74	4.50	0.11
16.30	4.50	4.26	0.17	18.90	4.74	4.50	0.11
16.35	4.50	4.27	0.17	18.95	4.74	4.51	0.11
16.40	4.51	4.27	0.17	19.00	4.75	4.51	0.11
16.45	4.52	4.28	0.17	19.05	4.75	4.51	0.11
16.50	4.52	4.29	0.17	19.10	4.76	4.52	0.11
16.55	4.53	4.29	0.16	19.15	4.76	4.52	0.11
16.60	4.53	4.30	0.16	19.20	4.76	4.53	0.11
16.65	4.54	4.30	0.16	19.25	4.77	4.53	0.11
16.70	4.54	4.31	0.16	19.30	4.77	4.53	0.11
16.75	4.55	4.31	0.16	19.35	4.77	4.54	0.11
16.80	4.55	4.32	0.16	19.40	4.78	4.54	0.11
16.85	4.56	4.32	0.16	19.45	4.78	4.55	0.11
16.90	4.57	4.33	0.15	19.50	4.79	4.55	0.11
16.95	4.57	4.33	0.15	19.55	4.79	4.55	0.11
17.00	4.58	4.34	0.15	19.60	4.79	4.56	0.11
17.05	4.58	4.34	0.15	19.65	4.80	4.56	0.11
17.10	4.59	4.35	0.15	19.70	4.80	4.56	0.11
17.15	4.59	4.35	0.15	19.75	4.80	4.57	0.11
17.20	4.60	4.36	0.15	19.80	4.81	4.57	0.11
17.25	4.60	4.36	0.14	19.85	4.81	4.57	0.11
17.30	4.61	4.37	0.14	19.90	4.81	4.58	0.11
17.35	4.61	4.37	0.14	19.95	4.82	4.58	0.11
17.40	4.61	4.38	0.14	20.00	4.82	4.59	0.10
17.45	4.62	4.38	0.14	20.05	4.83	4.59	0.10
17.50	4.62	4.39	0.14	20.10	4.83	4.59	0.10
17.55	4.63	4.39	0.14	20.15	4.83	4.60	0.10
17.60	4.63	4.40	0.13	20.20	4.84	4.60	0.10
17.65	4.64	4.40	0.13	20.25	4.84	4.60	0.10
17.70	4.64	4.41	0.13	20.30	4.84	4.61	0.10
17.75	4.65	4.41	0.13	20.35	4.85	4.61	0.10
17.80	4.65	4.42	0.13	20.40	4.85	4.61	0.10
17.85	4.66	4.42	0.13	20.45	4.85	4.62	0.10
17.90	4.66	4.42	0.13	20.50	4.86	4.62	0.10
17.95	4.66	4.43	0.12	20.55	4.86	4.62	0.10
18.00	4.67	4.43	0.12	20.60	4.86	4.63	0.10
18.05	4.67	4.44	0.12	20.65	4.87	4.63	0.10
18.10	4.68	4.44	0.12	20.70	4.87	4.63	0.10
18.15	4.68	4.44	0.12	20.75	4.87	4.64	0.10

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.10	23.40	5.04	4.80	0.08
20.85	4.88	4.64	0.10	23.45	5.04	4.80	0.08
20.90	4.88	4.65	0.10	23.50	5.04	4.81	0.08
20.95	4.89	4.65	0.10	23.55	5.04	4.81	0.08
21.00	4.89	4.65	0.10	23.60	5.05	4.81	0.08
21.05	4.89	4.66	0.10	23.65	5.05	4.81	0.08
21.10	4.90	4.66	0.10	23.70	5.05	4.82	0.08
21.15	4.90	4.66	0.10	23.75	5.06	4.82	0.08
21.20	4.90	4.67	0.10	23.80	5.06	4.82	0.08
21.25	4.91	4.67	0.10	23.85	5.06	4.82	0.08
21.30	4.91	4.67	0.10	23.90	5.06	4.83	0.08
21.35	4.91	4.68	0.10	23.95	5.07	4.83	0.08
21.40	4.92	4.68	0.09	24.00	5.07	4.83	0.09
21.45	4.92	4.68	0.09	24.05	5.07	4.83	0.07
21.50	4.92	4.69	0.09	24.10	5.07	4.83	0.02
21.55	4.93	4.69	0.09	24.15	5.07	4.83	0.01
21.60	4.93	4.69	0.09	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.09	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.09	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.09	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.09	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.09	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.09	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.09	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.09	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.09	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.09	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.09	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.09	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.09	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.09	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.09	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.09	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.09	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.09	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.09	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.09	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.09	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.08	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.08	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.08	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.08	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.08	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.08	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.08	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.08	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.08	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.08	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.08	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.08	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.08	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.08	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 45P: PDA-45 (pervious)

Runoff = 2.94 cfs @ 12.10 hrs, Volume= 0.172 af, Depth= 2.42"
 Routed to Pond B-45 : Basin #45

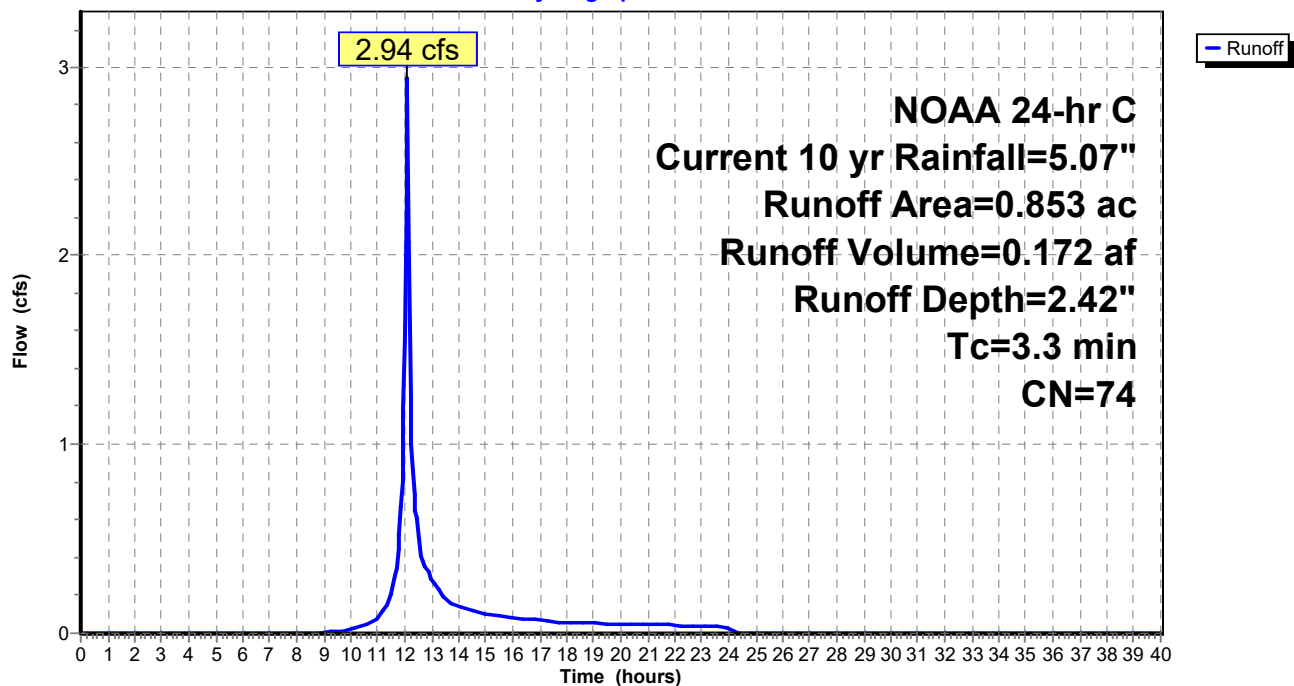
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.853	74	>75% Grass cover, Good, HSG C
0.853		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.3					Direct Entry,

Subcatchment 45P: PDA-45 (pervious)

Hydrograph



Hydrograph for Subcatchment 45P: PDA-45 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.02
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.02
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.03
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.03
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.03

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.03	13.00	3.85	1.49	0.28
10.45	1.03	0.03	0.03	13.05	3.87	1.50	0.27
10.50	1.04	0.03	0.04	13.10	3.89	1.52	0.25
10.55	1.06	0.03	0.04	13.15	3.91	1.53	0.24
10.60	1.07	0.04	0.04	13.20	3.93	1.55	0.23
10.65	1.09	0.04	0.05	13.25	3.95	1.56	0.22
10.70	1.10	0.04	0.05	13.30	3.97	1.57	0.22
10.75	1.12	0.04	0.06	13.35	3.98	1.58	0.21
10.80	1.14	0.05	0.06	13.40	4.00	1.59	0.20
10.85	1.16	0.05	0.06	13.45	4.01	1.60	0.19
10.90	1.18	0.06	0.07	13.50	4.03	1.61	0.18
10.95	1.20	0.06	0.07	13.55	4.04	1.62	0.17
11.00	1.22	0.07	0.08	13.60	4.05	1.63	0.16
11.05	1.24	0.07	0.09	13.65	4.06	1.64	0.16
11.10	1.26	0.08	0.10	13.70	4.08	1.65	0.16
11.15	1.29	0.08	0.11	13.75	4.09	1.66	0.16
11.20	1.31	0.09	0.12	13.80	4.10	1.67	0.15
11.25	1.34	0.10	0.13	13.85	4.11	1.68	0.15
11.30	1.37	0.11	0.14	13.90	4.12	1.69	0.15
11.35	1.40	0.12	0.15	13.95	4.13	1.70	0.15
11.40	1.43	0.13	0.16	14.00	4.15	1.70	0.14
11.45	1.47	0.14	0.17	14.05	4.16	1.71	0.14
11.50	1.50	0.15	0.19	14.10	4.17	1.72	0.14
11.55	1.55	0.16	0.25	14.15	4.18	1.73	0.14
11.60	1.60	0.18	0.30	14.20	4.19	1.74	0.14
11.65	1.65	0.20	0.33	14.25	4.20	1.74	0.13
11.70	1.71	0.22	0.35	14.30	4.21	1.75	0.13
11.75	1.78	0.25	0.44	14.35	4.22	1.76	0.13
11.80	1.86	0.29	0.52	14.40	4.23	1.77	0.13
11.85	1.96	0.33	0.67	14.45	4.24	1.77	0.12
11.90	2.06	0.38	0.80	14.50	4.25	1.78	0.12
11.95	2.24	0.47	1.19	14.55	4.26	1.79	0.12
12.00	2.42	0.56	1.55	14.60	4.27	1.79	0.12
12.05	2.71	0.73	2.29	14.65	4.27	1.80	0.11
12.10	3.01	0.91	2.94	14.70	4.28	1.81	0.11
12.15	3.11	0.98	2.07	14.75	4.29	1.81	0.11
12.20	3.21	1.05	1.25	14.80	4.30	1.82	0.11
12.25	3.29	1.10	1.00	14.85	4.31	1.82	0.10
12.30	3.36	1.15	0.87	14.90	4.31	1.83	0.10
12.35	3.42	1.18	0.74	14.95	4.32	1.84	0.10
12.40	3.47	1.22	0.65	15.00	4.33	1.84	0.10
12.45	3.52	1.25	0.62	15.05	4.34	1.85	0.10
12.50	3.57	1.29	0.61	15.10	4.34	1.85	0.09
12.55	3.60	1.31	0.50	15.15	4.35	1.86	0.09
12.60	3.64	1.34	0.41	15.20	4.36	1.86	0.09
12.65	3.67	1.36	0.39	15.25	4.36	1.87	0.09
12.70	3.70	1.38	0.38	15.30	4.37	1.87	0.09
12.75	3.73	1.40	0.36	15.35	4.38	1.88	0.09
12.80	3.76	1.42	0.35	15.40	4.39	1.88	0.09
12.85	3.78	1.44	0.33	15.45	4.39	1.89	0.09
12.90	3.81	1.46	0.32	15.50	4.40	1.89	0.09
12.95	3.83	1.47	0.30	15.55	4.41	1.90	0.09

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.09	18.20	4.68	2.12	0.05
15.65	4.42	1.91	0.09	18.25	4.69	2.12	0.05
15.70	4.42	1.91	0.09	18.30	4.69	2.12	0.05
15.75	4.43	1.92	0.08	18.35	4.70	2.12	0.05
15.80	4.44	1.92	0.08	18.40	4.70	2.13	0.05
15.85	4.44	1.93	0.08	18.45	4.70	2.13	0.05
15.90	4.45	1.93	0.08	18.50	4.71	2.13	0.05
15.95	4.46	1.94	0.08	18.55	4.71	2.14	0.05
16.00	4.46	1.94	0.08	18.60	4.72	2.14	0.05
16.05	4.47	1.95	0.08	18.65	4.72	2.14	0.05
16.10	4.47	1.95	0.08	18.70	4.72	2.15	0.05
16.15	4.48	1.96	0.08	18.75	4.73	2.15	0.05
16.20	4.49	1.96	0.08	18.80	4.73	2.15	0.05
16.25	4.49	1.97	0.08	18.85	4.74	2.16	0.05
16.30	4.50	1.97	0.08	18.90	4.74	2.16	0.05
16.35	4.50	1.98	0.08	18.95	4.74	2.16	0.05
16.40	4.51	1.98	0.08	19.00	4.75	2.16	0.05
16.45	4.52	1.98	0.08	19.05	4.75	2.17	0.05
16.50	4.52	1.99	0.08	19.10	4.76	2.17	0.05
16.55	4.53	1.99	0.07	19.15	4.76	2.17	0.05
16.60	4.53	2.00	0.07	19.20	4.76	2.18	0.05
16.65	4.54	2.00	0.07	19.25	4.77	2.18	0.05
16.70	4.54	2.01	0.07	19.30	4.77	2.18	0.05
16.75	4.55	2.01	0.07	19.35	4.77	2.19	0.05
16.80	4.55	2.01	0.07	19.40	4.78	2.19	0.05
16.85	4.56	2.02	0.07	19.45	4.78	2.19	0.05
16.90	4.57	2.02	0.07	19.50	4.79	2.19	0.05
16.95	4.57	2.03	0.07	19.55	4.79	2.20	0.05
17.00	4.58	2.03	0.07	19.60	4.79	2.20	0.05
17.05	4.58	2.03	0.07	19.65	4.80	2.20	0.05
17.10	4.59	2.04	0.07	19.70	4.80	2.21	0.05
17.15	4.59	2.04	0.07	19.75	4.80	2.21	0.05
17.20	4.60	2.05	0.07	19.80	4.81	2.21	0.05
17.25	4.60	2.05	0.07	19.85	4.81	2.21	0.05
17.30	4.61	2.05	0.06	19.90	4.81	2.22	0.05
17.35	4.61	2.06	0.06	19.95	4.82	2.22	0.05
17.40	4.61	2.06	0.06	20.00	4.82	2.22	0.05
17.45	4.62	2.06	0.06	20.05	4.83	2.23	0.05
17.50	4.62	2.07	0.06	20.10	4.83	2.23	0.05
17.55	4.63	2.07	0.06	20.15	4.83	2.23	0.05
17.60	4.63	2.08	0.06	20.20	4.84	2.23	0.05
17.65	4.64	2.08	0.06	20.25	4.84	2.24	0.05
17.70	4.64	2.08	0.06	20.30	4.84	2.24	0.05
17.75	4.65	2.09	0.06	20.35	4.85	2.24	0.05
17.80	4.65	2.09	0.06	20.40	4.85	2.25	0.05
17.85	4.66	2.09	0.06	20.45	4.85	2.25	0.05
17.90	4.66	2.10	0.06	20.50	4.86	2.25	0.05
17.95	4.66	2.10	0.06	20.55	4.86	2.25	0.05
18.00	4.67	2.10	0.06	20.60	4.86	2.26	0.05
18.05	4.67	2.11	0.06	20.65	4.87	2.26	0.05
18.10	4.68	2.11	0.05	20.70	4.87	2.26	0.05
18.15	4.68	2.11	0.05	20.75	4.87	2.26	0.05

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.05	23.40	5.04	2.39	0.04
20.85	4.88	2.27	0.05	23.45	5.04	2.40	0.04
20.90	4.88	2.27	0.05	23.50	5.04	2.40	0.04
20.95	4.89	2.28	0.05	23.55	5.04	2.40	0.04
21.00	4.89	2.28	0.05	23.60	5.05	2.40	0.04
21.05	4.89	2.28	0.05	23.65	5.05	2.40	0.04
21.10	4.90	2.28	0.05	23.70	5.05	2.41	0.04
21.15	4.90	2.29	0.05	23.75	5.06	2.41	0.04
21.20	4.90	2.29	0.04	23.80	5.06	2.41	0.04
21.25	4.91	2.29	0.04	23.85	5.06	2.41	0.04
21.30	4.91	2.29	0.04	23.90	5.06	2.42	0.04
21.35	4.91	2.30	0.04	23.95	5.07	2.42	0.04
21.40	4.92	2.30	0.04	24.00	5.07	2.42	0.04
21.45	4.92	2.30	0.04	24.05	5.07	2.42	0.02
21.50	4.92	2.30	0.04	24.10	5.07	2.42	0.00
21.55	4.93	2.31	0.04	24.15	5.07	2.42	0.00
21.60	4.93	2.31	0.04	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.04	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.04	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.04	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.04	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.04	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.04	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.04	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.04	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.04	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.04	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.04	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.04	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.04	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.04	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.04	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.04	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.04	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.04	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.04	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.04	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.04	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.04	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.04	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.04	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.04	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.04	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.04	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.04	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.04	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.04	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.04	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.04	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.04	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.04	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.04	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 46BP: PDA-46B (pervious)

Runoff = 1.41 cfs @ 12.12 hrs, Volume= 0.091 af, Depth= 2.42"
 Routed to Pond B-46B : Basin #46B

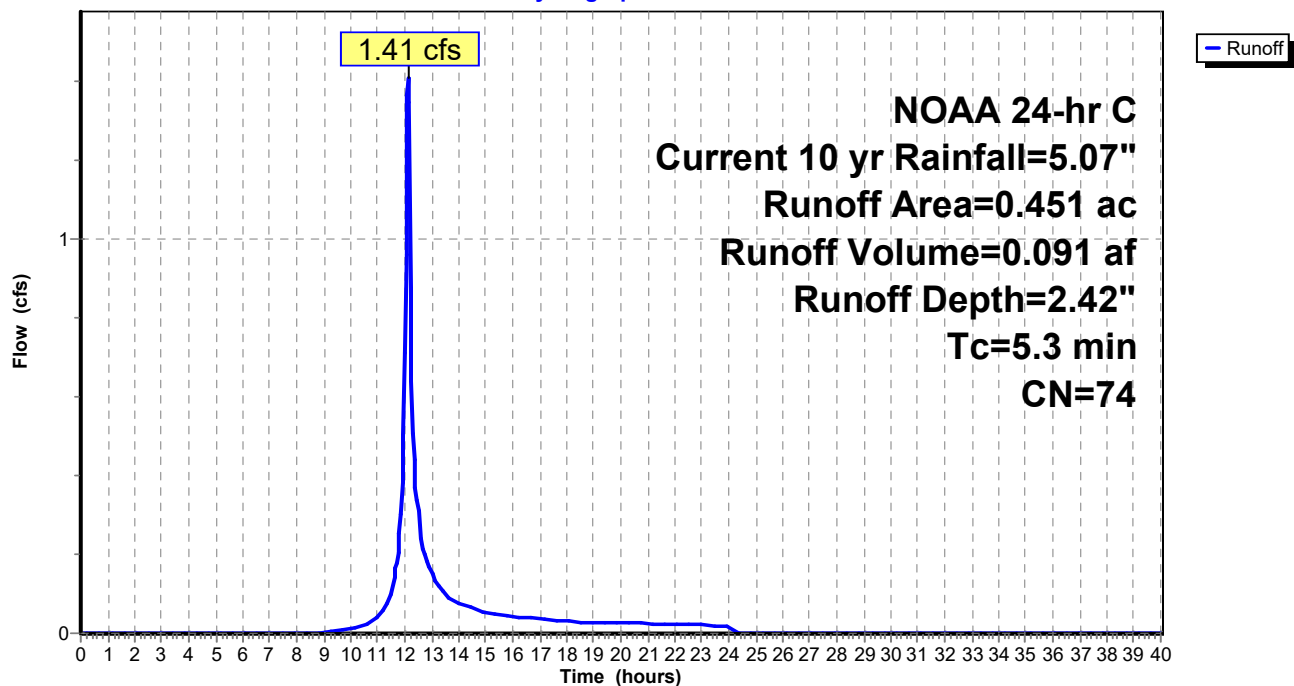
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.451	74	>75% Grass cover, Good, HSG C
0.451		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.3					Direct Entry,

Subcatchment 46BP: PDA-46B (pervious)

Hydrograph



Hydrograph for Subcatchment 46BP: PDA-46B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.00
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.00
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.00
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.01
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.01
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.01
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.01
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.01
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.01
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.01
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.01
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.01
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.02
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.02

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.02	13.00	3.85	1.49	0.15
10.45	1.03	0.03	0.02	13.05	3.87	1.50	0.15
10.50	1.04	0.03	0.02	13.10	3.89	1.52	0.14
10.55	1.06	0.03	0.02	13.15	3.91	1.53	0.13
10.60	1.07	0.04	0.02	13.20	3.93	1.55	0.13
10.65	1.09	0.04	0.02	13.25	3.95	1.56	0.12
10.70	1.10	0.04	0.03	13.30	3.97	1.57	0.12
10.75	1.12	0.04	0.03	13.35	3.98	1.58	0.11
10.80	1.14	0.05	0.03	13.40	4.00	1.59	0.11
10.85	1.16	0.05	0.03	13.45	4.01	1.60	0.10
10.90	1.18	0.06	0.04	13.50	4.03	1.61	0.10
10.95	1.20	0.06	0.04	13.55	4.04	1.62	0.09
11.00	1.22	0.07	0.04	13.60	4.05	1.63	0.09
11.05	1.24	0.07	0.04	13.65	4.06	1.64	0.09
11.10	1.26	0.08	0.05	13.70	4.08	1.65	0.08
11.15	1.29	0.08	0.05	13.75	4.09	1.66	0.08
11.20	1.31	0.09	0.06	13.80	4.10	1.67	0.08
11.25	1.34	0.10	0.06	13.85	4.11	1.68	0.08
11.30	1.37	0.11	0.07	13.90	4.12	1.69	0.08
11.35	1.40	0.12	0.08	13.95	4.13	1.70	0.08
11.40	1.43	0.13	0.08	14.00	4.15	1.70	0.08
11.45	1.47	0.14	0.09	14.05	4.16	1.71	0.08
11.50	1.50	0.15	0.09	14.10	4.17	1.72	0.07
11.55	1.55	0.16	0.11	14.15	4.18	1.73	0.07
11.60	1.60	0.18	0.14	14.20	4.19	1.74	0.07
11.65	1.65	0.20	0.16	14.25	4.20	1.74	0.07
11.70	1.71	0.22	0.18	14.30	4.21	1.75	0.07
11.75	1.78	0.25	0.20	14.35	4.22	1.76	0.07
11.80	1.86	0.29	0.25	14.40	4.23	1.77	0.07
11.85	1.96	0.33	0.30	14.45	4.24	1.77	0.07
11.90	2.06	0.38	0.38	14.50	4.25	1.78	0.06
11.95	2.24	0.47	0.50	14.55	4.26	1.79	0.06
12.00	2.42	0.56	0.71	14.60	4.27	1.79	0.06
12.05	2.71	0.73	0.96	14.65	4.27	1.80	0.06
12.10	3.01	0.91	1.37	14.70	4.28	1.81	0.06
12.15	3.11	0.98	1.35	14.75	4.29	1.81	0.06
12.20	3.21	1.05	0.88	14.80	4.30	1.82	0.06
12.25	3.29	1.10	0.64	14.85	4.31	1.82	0.06
12.30	3.36	1.15	0.51	14.90	4.31	1.83	0.05
12.35	3.42	1.18	0.44	14.95	4.32	1.84	0.05
12.40	3.47	1.22	0.37	15.00	4.33	1.84	0.05
12.45	3.52	1.25	0.34	15.05	4.34	1.85	0.05
12.50	3.57	1.29	0.33	15.10	4.34	1.85	0.05
12.55	3.60	1.31	0.30	15.15	4.35	1.86	0.05
12.60	3.64	1.34	0.24	15.20	4.36	1.86	0.05
12.65	3.67	1.36	0.22	15.25	4.36	1.87	0.05
12.70	3.70	1.38	0.20	15.30	4.37	1.87	0.05
12.75	3.73	1.40	0.20	15.35	4.38	1.88	0.05
12.80	3.76	1.42	0.19	15.40	4.39	1.88	0.05
12.85	3.78	1.44	0.18	15.45	4.39	1.89	0.05
12.90	3.81	1.46	0.17	15.50	4.40	1.89	0.05
12.95	3.83	1.47	0.16	15.55	4.41	1.90	0.05

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.05	18.20	4.68	2.12	0.03
15.65	4.42	1.91	0.05	18.25	4.69	2.12	0.03
15.70	4.42	1.91	0.05	18.30	4.69	2.12	0.03
15.75	4.43	1.92	0.04	18.35	4.70	2.12	0.03
15.80	4.44	1.92	0.04	18.40	4.70	2.13	0.03
15.85	4.44	1.93	0.04	18.45	4.70	2.13	0.03
15.90	4.45	1.93	0.04	18.50	4.71	2.13	0.03
15.95	4.46	1.94	0.04	18.55	4.71	2.14	0.03
16.00	4.46	1.94	0.04	18.60	4.72	2.14	0.03
16.05	4.47	1.95	0.04	18.65	4.72	2.14	0.03
16.10	4.47	1.95	0.04	18.70	4.72	2.15	0.03
16.15	4.48	1.96	0.04	18.75	4.73	2.15	0.03
16.20	4.49	1.96	0.04	18.80	4.73	2.15	0.03
16.25	4.49	1.97	0.04	18.85	4.74	2.16	0.03
16.30	4.50	1.97	0.04	18.90	4.74	2.16	0.03
16.35	4.50	1.98	0.04	18.95	4.74	2.16	0.03
16.40	4.51	1.98	0.04	19.00	4.75	2.16	0.03
16.45	4.52	1.98	0.04	19.05	4.75	2.17	0.03
16.50	4.52	1.99	0.04	19.10	4.76	2.17	0.03
16.55	4.53	1.99	0.04	19.15	4.76	2.17	0.03
16.60	4.53	2.00	0.04	19.20	4.76	2.18	0.03
16.65	4.54	2.00	0.04	19.25	4.77	2.18	0.03
16.70	4.54	2.01	0.04	19.30	4.77	2.18	0.03
16.75	4.55	2.01	0.04	19.35	4.77	2.19	0.03
16.80	4.55	2.01	0.04	19.40	4.78	2.19	0.03
16.85	4.56	2.02	0.04	19.45	4.78	2.19	0.03
16.90	4.57	2.02	0.04	19.50	4.79	2.19	0.03
16.95	4.57	2.03	0.04	19.55	4.79	2.20	0.03
17.00	4.58	2.03	0.04	19.60	4.79	2.20	0.03
17.05	4.58	2.03	0.04	19.65	4.80	2.20	0.03
17.10	4.59	2.04	0.04	19.70	4.80	2.21	0.03
17.15	4.59	2.04	0.04	19.75	4.80	2.21	0.03
17.20	4.60	2.05	0.04	19.80	4.81	2.21	0.03
17.25	4.60	2.05	0.04	19.85	4.81	2.21	0.03
17.30	4.61	2.05	0.03	19.90	4.81	2.22	0.03
17.35	4.61	2.06	0.03	19.95	4.82	2.22	0.03
17.40	4.61	2.06	0.03	20.00	4.82	2.22	0.03
17.45	4.62	2.06	0.03	20.05	4.83	2.23	0.03
17.50	4.62	2.07	0.03	20.10	4.83	2.23	0.03
17.55	4.63	2.07	0.03	20.15	4.83	2.23	0.03
17.60	4.63	2.08	0.03	20.20	4.84	2.23	0.03
17.65	4.64	2.08	0.03	20.25	4.84	2.24	0.03
17.70	4.64	2.08	0.03	20.30	4.84	2.24	0.03
17.75	4.65	2.09	0.03	20.35	4.85	2.24	0.03
17.80	4.65	2.09	0.03	20.40	4.85	2.25	0.03
17.85	4.66	2.09	0.03	20.45	4.85	2.25	0.03
17.90	4.66	2.10	0.03	20.50	4.86	2.25	0.02
17.95	4.66	2.10	0.03	20.55	4.86	2.25	0.02
18.00	4.67	2.10	0.03	20.60	4.86	2.26	0.02
18.05	4.67	2.11	0.03	20.65	4.87	2.26	0.02
18.10	4.68	2.11	0.03	20.70	4.87	2.26	0.02
18.15	4.68	2.11	0.03	20.75	4.87	2.26	0.02

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.02	23.40	5.04	2.39	0.02
20.85	4.88	2.27	0.02	23.45	5.04	2.40	0.02
20.90	4.88	2.27	0.02	23.50	5.04	2.40	0.02
20.95	4.89	2.28	0.02	23.55	5.04	2.40	0.02
21.00	4.89	2.28	0.02	23.60	5.05	2.40	0.02
21.05	4.89	2.28	0.02	23.65	5.05	2.40	0.02
21.10	4.90	2.28	0.02	23.70	5.05	2.41	0.02
21.15	4.90	2.29	0.02	23.75	5.06	2.41	0.02
21.20	4.90	2.29	0.02	23.80	5.06	2.41	0.02
21.25	4.91	2.29	0.02	23.85	5.06	2.41	0.02
21.30	4.91	2.29	0.02	23.90	5.06	2.42	0.02
21.35	4.91	2.30	0.02	23.95	5.07	2.42	0.02
21.40	4.92	2.30	0.02	24.00	5.07	2.42	0.02
21.45	4.92	2.30	0.02	24.05	5.07	2.42	0.02
21.50	4.92	2.30	0.02	24.10	5.07	2.42	0.01
21.55	4.93	2.31	0.02	24.15	5.07	2.42	0.00
21.60	4.93	2.31	0.02	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.02	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.02	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.02	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.02	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.02	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.02	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.02	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.02	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.02	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.02	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.02	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.02	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.02	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.02	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.02	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.02	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.02	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.02	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.02	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.02	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.02	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.02	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.02	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.02	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.02	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.02	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.02	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.02	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.02	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.02	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.02	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.02	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.02	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.02	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.02	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 46I: PDA-46 (impervious)

Runoff = 6.91 cfs @ 12.08 hrs, Volume= 0.462 af, Depth= 4.83"
 Routed to Pond B-46A : Basin #46A

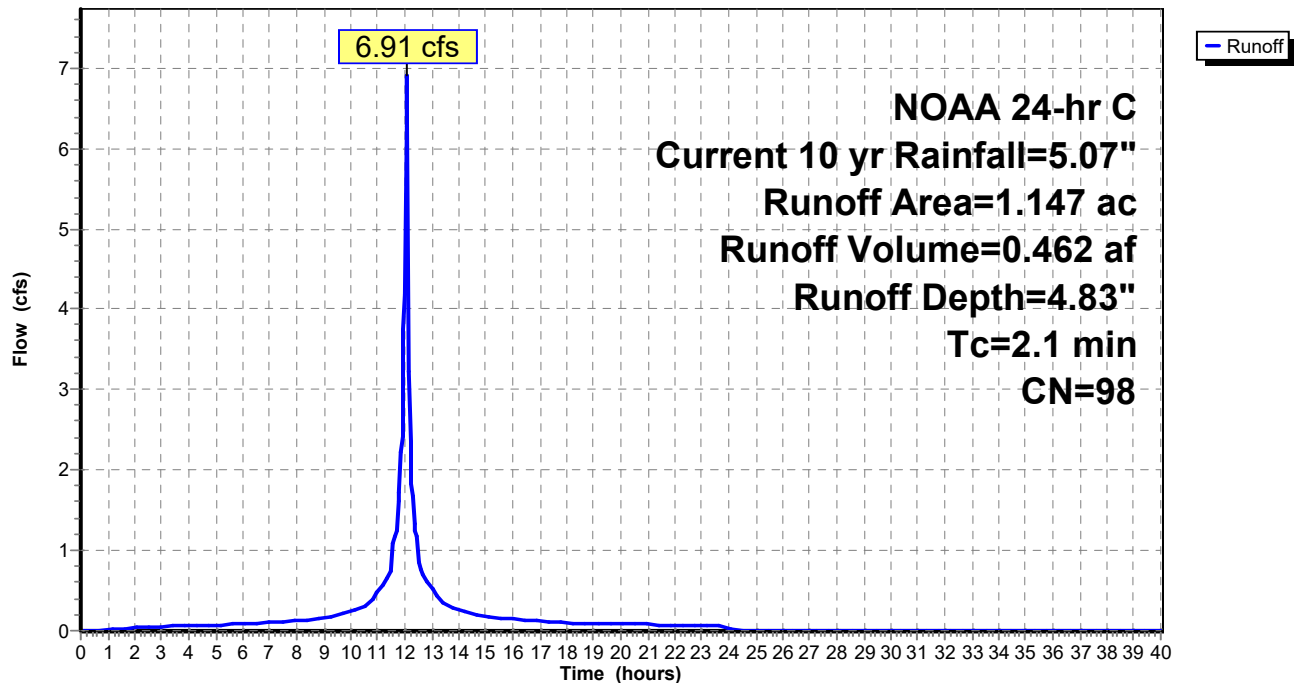
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.430	98	Pavement, HSG C
* 0.653	98	Roof, HSG C
* 0.064	98	Concrete, HSG C
1.147	98	Weighted Average
1.147		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.1					Direct Entry,

Subcatchment 46I: PDA-46 (impervious)

Hydrograph



Hydrograph for Subcatchment 46I: PDA-46 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.04
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.04
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.04
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.05
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.05
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.05
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.05
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.05
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.05
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.05
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.05
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.05
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.05
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.05
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.05
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.05
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.05
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.06
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.06
0.95	0.05	0.00	0.01	3.55	0.22	0.08	0.06
1.00	0.06	0.00	0.01	3.60	0.22	0.08	0.06
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.06
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.06
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.06
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.06
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.06
1.30	0.07	0.00	0.02	3.90	0.24	0.10	0.06
1.35	0.08	0.01	0.02	3.95	0.24	0.10	0.06
1.40	0.08	0.01	0.02	4.00	0.25	0.10	0.06
1.45	0.08	0.01	0.02	4.05	0.25	0.11	0.06
1.50	0.08	0.01	0.02	4.10	0.26	0.11	0.06
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.06
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.06
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.07
1.70	0.10	0.01	0.03	4.30	0.27	0.12	0.07
1.75	0.10	0.01	0.03	4.35	0.27	0.12	0.07
1.80	0.10	0.01	0.03	4.40	0.28	0.13	0.07
1.85	0.11	0.02	0.03	4.45	0.28	0.13	0.07
1.90	0.11	0.02	0.03	4.50	0.28	0.13	0.07
1.95	0.11	0.02	0.03	4.55	0.29	0.14	0.07
2.00	0.11	0.02	0.03	4.60	0.29	0.14	0.07
2.05	0.12	0.02	0.03	4.65	0.30	0.14	0.07
2.10	0.12	0.02	0.03	4.70	0.30	0.14	0.07
2.15	0.12	0.02	0.04	4.75	0.30	0.15	0.07
2.20	0.13	0.03	0.04	4.80	0.31	0.15	0.07
2.25	0.13	0.03	0.04	4.85	0.31	0.15	0.07
2.30	0.13	0.03	0.04	4.90	0.31	0.16	0.07
2.35	0.14	0.03	0.04	4.95	0.32	0.16	0.07
2.40	0.14	0.03	0.04	5.00	0.32	0.16	0.07
2.45	0.14	0.03	0.04	5.05	0.33	0.17	0.07
2.50	0.15	0.04	0.04	5.10	0.33	0.17	0.07
2.55	0.15	0.04	0.04	5.15	0.33	0.17	0.07

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.07	7.80	0.58	0.39	0.13
5.25	0.34	0.18	0.08	7.85	0.59	0.40	0.13
5.30	0.35	0.18	0.08	7.90	0.60	0.41	0.13
5.35	0.35	0.19	0.08	7.95	0.60	0.41	0.13
5.40	0.35	0.19	0.08	8.00	0.61	0.42	0.13
5.45	0.36	0.19	0.08	8.05	0.61	0.42	0.13
5.50	0.36	0.20	0.08	8.10	0.62	0.43	0.13
5.55	0.37	0.20	0.08	8.15	0.63	0.43	0.14
5.60	0.37	0.20	0.08	8.20	0.63	0.44	0.14
5.65	0.37	0.21	0.08	8.25	0.64	0.45	0.14
5.70	0.38	0.21	0.08	8.30	0.65	0.45	0.14
5.75	0.38	0.21	0.08	8.35	0.65	0.46	0.14
5.80	0.39	0.22	0.08	8.40	0.66	0.46	0.14
5.85	0.39	0.22	0.08	8.45	0.66	0.47	0.14
5.90	0.39	0.22	0.08	8.50	0.67	0.48	0.14
5.95	0.40	0.23	0.08	8.55	0.68	0.48	0.15
6.00	0.40	0.23	0.08	8.60	0.68	0.49	0.15
6.05	0.41	0.23	0.08	8.65	0.69	0.50	0.15
6.10	0.41	0.24	0.08	8.70	0.70	0.50	0.15
6.15	0.41	0.24	0.09	8.75	0.71	0.51	0.15
6.20	0.42	0.25	0.09	8.80	0.71	0.51	0.15
6.25	0.42	0.25	0.09	8.85	0.72	0.52	0.15
6.30	0.43	0.25	0.09	8.90	0.73	0.53	0.15
6.35	0.43	0.26	0.09	8.95	0.73	0.53	0.16
6.40	0.44	0.26	0.09	9.00	0.74	0.54	0.16
6.45	0.44	0.27	0.09	9.05	0.75	0.55	0.16
6.50	0.45	0.27	0.09	9.10	0.76	0.56	0.16
6.55	0.45	0.27	0.10	9.15	0.76	0.56	0.17
6.60	0.46	0.28	0.10	9.20	0.77	0.57	0.17
6.65	0.46	0.28	0.10	9.25	0.78	0.58	0.18
6.70	0.46	0.29	0.10	9.30	0.79	0.59	0.18
6.75	0.47	0.29	0.10	9.35	0.80	0.59	0.19
6.80	0.47	0.29	0.10	9.40	0.80	0.60	0.19
6.85	0.48	0.30	0.10	9.45	0.81	0.61	0.20
6.90	0.48	0.30	0.10	9.50	0.82	0.62	0.20
6.95	0.49	0.31	0.11	9.55	0.83	0.63	0.21
7.00	0.49	0.31	0.11	9.60	0.84	0.64	0.21
7.05	0.50	0.32	0.11	9.65	0.85	0.65	0.22
7.10	0.50	0.32	0.11	9.70	0.86	0.66	0.22
7.15	0.51	0.33	0.11	9.75	0.87	0.67	0.22
7.20	0.52	0.33	0.11	9.80	0.88	0.68	0.23
7.25	0.52	0.34	0.11	9.85	0.89	0.69	0.23
7.30	0.53	0.34	0.11	9.90	0.90	0.70	0.24
7.35	0.53	0.35	0.12	9.95	0.91	0.71	0.24
7.40	0.54	0.35	0.12	10.00	0.92	0.72	0.24
7.45	0.54	0.36	0.12	10.05	0.94	0.73	0.25
7.50	0.55	0.36	0.12	10.10	0.95	0.74	0.25
7.55	0.55	0.37	0.12	10.15	0.96	0.75	0.26
7.60	0.56	0.37	0.12	10.20	0.97	0.76	0.26
7.65	0.57	0.38	0.12	10.25	0.98	0.77	0.27
7.70	0.57	0.38	0.12	10.30	0.99	0.79	0.27
7.75	0.58	0.39	0.13	10.35	1.01	0.80	0.28

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.28	13.00	3.85	3.62	0.52
10.45	1.03	0.82	0.29	13.05	3.87	3.64	0.48
10.50	1.04	0.83	0.29	13.10	3.89	3.66	0.46
10.55	1.06	0.85	0.31	13.15	3.91	3.68	0.44
10.60	1.07	0.86	0.32	13.20	3.93	3.70	0.43
10.65	1.09	0.88	0.35	13.25	3.95	3.71	0.40
10.70	1.10	0.89	0.36	13.30	3.97	3.73	0.40
10.75	1.12	0.91	0.38	13.35	3.98	3.75	0.37
10.80	1.14	0.93	0.39	13.40	4.00	3.76	0.36
10.85	1.16	0.94	0.41	13.45	4.01	3.78	0.34
10.90	1.18	0.96	0.42	13.50	4.03	3.79	0.33
10.95	1.20	0.98	0.45	13.55	4.04	3.80	0.30
11.00	1.22	1.00	0.46	13.60	4.05	3.82	0.30
11.05	1.24	1.02	0.50	13.65	4.06	3.83	0.29
11.10	1.26	1.05	0.52	13.70	4.08	3.84	0.29
11.15	1.29	1.07	0.57	13.75	4.09	3.85	0.28
11.20	1.31	1.10	0.58	13.80	4.10	3.86	0.28
11.25	1.34	1.12	0.63	13.85	4.11	3.88	0.27
11.30	1.37	1.15	0.64	13.90	4.12	3.89	0.27
11.35	1.40	1.18	0.69	13.95	4.13	3.90	0.26
11.40	1.43	1.21	0.71	14.00	4.15	3.91	0.26
11.45	1.47	1.25	0.74	14.05	4.16	3.92	0.25
11.50	1.50	1.28	0.77	14.10	4.17	3.93	0.25
11.55	1.55	1.33	1.09	14.15	4.18	3.94	0.24
11.60	1.60	1.38	1.17	14.20	4.19	3.95	0.24
11.65	1.65	1.43	1.22	14.25	4.20	3.96	0.24
11.70	1.71	1.49	1.25	14.30	4.21	3.97	0.23
11.75	1.78	1.56	1.60	14.35	4.22	3.98	0.23
11.80	1.86	1.63	1.72	14.40	4.23	3.99	0.22
11.85	1.96	1.73	2.23	14.45	4.24	4.00	0.22
11.90	2.06	1.84	2.43	14.50	4.25	4.01	0.22
11.95	2.24	2.01	3.74	14.55	4.26	4.02	0.21
12.00	2.42	2.19	4.19	14.60	4.27	4.03	0.21
12.05	2.71	2.48	6.28	14.65	4.27	4.04	0.20
12.10	3.01	2.78	6.59	14.70	4.28	4.05	0.20
12.15	3.11	2.88	3.22	14.75	4.29	4.06	0.19
12.20	3.21	2.98	2.36	14.80	4.30	4.06	0.19
12.25	3.29	3.05	1.83	14.85	4.31	4.07	0.18
12.30	3.36	3.13	1.69	14.90	4.31	4.08	0.18
12.35	3.42	3.18	1.33	14.95	4.32	4.09	0.17
12.40	3.47	3.24	1.24	15.00	4.33	4.09	0.17
12.45	3.52	3.29	1.19	15.05	4.34	4.10	0.17
12.50	3.57	3.34	1.16	15.10	4.34	4.11	0.16
12.55	3.60	3.37	0.84	15.15	4.35	4.12	0.16
12.60	3.64	3.40	0.76	15.20	4.36	4.12	0.16
12.65	3.67	3.43	0.72	15.25	4.36	4.13	0.16
12.70	3.70	3.47	0.71	15.30	4.37	4.14	0.16
12.75	3.73	3.49	0.66	15.35	4.38	4.14	0.16
12.80	3.76	3.52	0.65	15.40	4.39	4.15	0.16
12.85	3.78	3.55	0.60	15.45	4.39	4.16	0.16
12.90	3.81	3.57	0.59	15.50	4.40	4.16	0.15
12.95	3.83	3.60	0.54	15.55	4.41	4.17	0.15

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.15	18.20	4.68	4.45	0.09
15.65	4.42	4.18	0.15	18.25	4.69	4.45	0.09
15.70	4.42	4.19	0.15	18.30	4.69	4.46	0.09
15.75	4.43	4.20	0.15	18.35	4.70	4.46	0.09
15.80	4.44	4.20	0.15	18.40	4.70	4.46	0.09
15.85	4.44	4.21	0.15	18.45	4.70	4.47	0.09
15.90	4.45	4.21	0.15	18.50	4.71	4.47	0.09
15.95	4.46	4.22	0.14	18.55	4.71	4.48	0.09
16.00	4.46	4.23	0.14	18.60	4.72	4.48	0.09
16.05	4.47	4.23	0.14	18.65	4.72	4.48	0.09
16.10	4.47	4.24	0.14	18.70	4.72	4.49	0.09
16.15	4.48	4.24	0.14	18.75	4.73	4.49	0.09
16.20	4.49	4.25	0.14	18.80	4.73	4.50	0.09
16.25	4.49	4.26	0.14	18.85	4.74	4.50	0.09
16.30	4.50	4.26	0.14	18.90	4.74	4.50	0.09
16.35	4.50	4.27	0.13	18.95	4.74	4.51	0.09
16.40	4.51	4.27	0.13	19.00	4.75	4.51	0.09
16.45	4.52	4.28	0.13	19.05	4.75	4.51	0.09
16.50	4.52	4.29	0.13	19.10	4.76	4.52	0.09
16.55	4.53	4.29	0.13	19.15	4.76	4.52	0.09
16.60	4.53	4.30	0.13	19.20	4.76	4.53	0.09
16.65	4.54	4.30	0.13	19.25	4.77	4.53	0.09
16.70	4.54	4.31	0.13	19.30	4.77	4.53	0.09
16.75	4.55	4.31	0.12	19.35	4.77	4.54	0.09
16.80	4.55	4.32	0.12	19.40	4.78	4.54	0.09
16.85	4.56	4.32	0.12	19.45	4.78	4.55	0.09
16.90	4.57	4.33	0.12	19.50	4.79	4.55	0.09
16.95	4.57	4.33	0.12	19.55	4.79	4.55	0.09
17.00	4.58	4.34	0.12	19.60	4.79	4.56	0.09
17.05	4.58	4.34	0.12	19.65	4.80	4.56	0.08
17.10	4.59	4.35	0.12	19.70	4.80	4.56	0.08
17.15	4.59	4.35	0.12	19.75	4.80	4.57	0.08
17.20	4.60	4.36	0.12	19.80	4.81	4.57	0.08
17.25	4.60	4.36	0.11	19.85	4.81	4.57	0.08
17.30	4.61	4.37	0.11	19.90	4.81	4.58	0.08
17.35	4.61	4.37	0.11	19.95	4.82	4.58	0.08
17.40	4.61	4.38	0.11	20.00	4.82	4.59	0.08
17.45	4.62	4.38	0.11	20.05	4.83	4.59	0.08
17.50	4.62	4.39	0.11	20.10	4.83	4.59	0.08
17.55	4.63	4.39	0.11	20.15	4.83	4.60	0.08
17.60	4.63	4.40	0.11	20.20	4.84	4.60	0.08
17.65	4.64	4.40	0.10	20.25	4.84	4.60	0.08
17.70	4.64	4.41	0.10	20.30	4.84	4.61	0.08
17.75	4.65	4.41	0.10	20.35	4.85	4.61	0.08
17.80	4.65	4.42	0.10	20.40	4.85	4.61	0.08
17.85	4.66	4.42	0.10	20.45	4.85	4.62	0.08
17.90	4.66	4.42	0.10	20.50	4.86	4.62	0.08
17.95	4.66	4.43	0.10	20.55	4.86	4.62	0.08
18.00	4.67	4.43	0.10	20.60	4.86	4.63	0.08
18.05	4.67	4.44	0.09	20.65	4.87	4.63	0.08
18.10	4.68	4.44	0.09	20.70	4.87	4.63	0.08
18.15	4.68	4.44	0.09	20.75	4.87	4.64	0.08

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.08	23.40	5.04	4.80	0.06
20.85	4.88	4.64	0.08	23.45	5.04	4.80	0.06
20.90	4.88	4.65	0.08	23.50	5.04	4.81	0.06
20.95	4.89	4.65	0.08	23.55	5.04	4.81	0.06
21.00	4.89	4.65	0.08	23.60	5.05	4.81	0.06
21.05	4.89	4.66	0.08	23.65	5.05	4.81	0.06
21.10	4.90	4.66	0.08	23.70	5.05	4.82	0.06
21.15	4.90	4.66	0.08	23.75	5.06	4.82	0.06
21.20	4.90	4.67	0.08	23.80	5.06	4.82	0.06
21.25	4.91	4.67	0.08	23.85	5.06	4.82	0.06
21.30	4.91	4.67	0.08	23.90	5.06	4.83	0.06
21.35	4.91	4.68	0.08	23.95	5.07	4.83	0.07
21.40	4.92	4.68	0.07	24.00	5.07	4.83	0.07
21.45	4.92	4.68	0.07	24.05	5.07	4.83	0.01
21.50	4.92	4.69	0.07	24.10	5.07	4.83	0.00
21.55	4.93	4.69	0.07	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.07	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.07	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.07	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.07	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.07	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.07	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.07	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.07	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.07	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.07	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.07	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.07	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.07	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.07	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.07	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.07	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.07	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.07	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.07	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.07	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.07	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.07	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.07	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.07	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.07	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.07	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.07	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.07	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.07	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.07	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.06	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.06	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.06	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.06	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.06	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.06	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 46P: PDA-46 (pervious)

Runoff = 4.77 cfs @ 12.09 hrs, Volume= 0.269 af, Depth= 2.42"
 Routed to Pond B-46A : Basin #46A

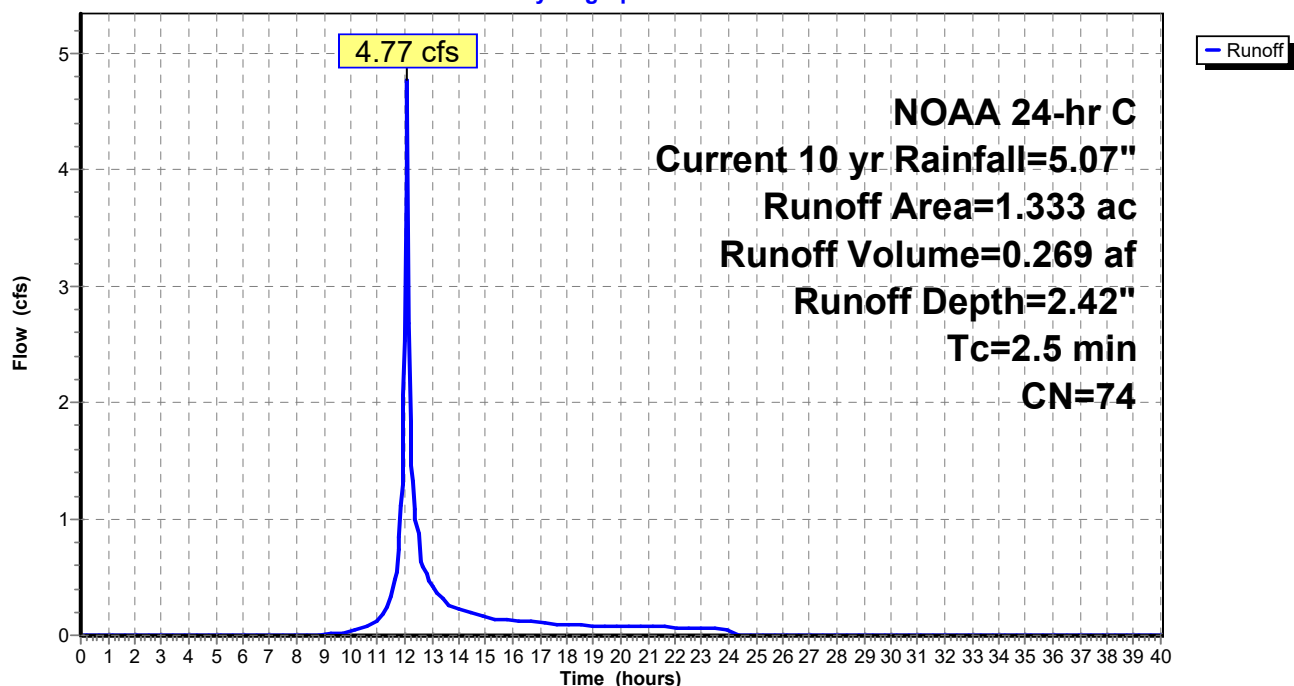
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.333	74	>75% Grass cover, Good, HSG C
1.333		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.5					Direct Entry,

Subcatchment 46P: PDA-46 (pervious)

Hydrograph



Hydrograph for Subcatchment 46P: PDA-46 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.01
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.44
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.41
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.39
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.37
10.60	1.07	0.04	0.07	13.20	3.93	1.55	0.36
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.34
10.70	1.10	0.04	0.08	13.30	3.97	1.57	0.34
10.75	1.12	0.04	0.09	13.35	3.98	1.58	0.32
10.80	1.14	0.05	0.09	13.40	4.00	1.59	0.31
10.85	1.16	0.05	0.10	13.45	4.01	1.60	0.29
10.90	1.18	0.06	0.11	13.50	4.03	1.61	0.28
10.95	1.20	0.06	0.12	13.55	4.04	1.62	0.26
11.00	1.22	0.07	0.13	13.60	4.05	1.63	0.25
11.05	1.24	0.07	0.14	13.65	4.06	1.64	0.25
11.10	1.26	0.08	0.15	13.70	4.08	1.65	0.25
11.15	1.29	0.08	0.17	13.75	4.09	1.66	0.24
11.20	1.31	0.09	0.18	13.80	4.10	1.67	0.24
11.25	1.34	0.10	0.20	13.85	4.11	1.68	0.24
11.30	1.37	0.11	0.22	13.90	4.12	1.69	0.23
11.35	1.40	0.12	0.24	13.95	4.13	1.70	0.23
11.40	1.43	0.13	0.26	14.00	4.15	1.70	0.23
11.45	1.47	0.14	0.28	14.05	4.16	1.71	0.22
11.50	1.50	0.15	0.30	14.10	4.17	1.72	0.22
11.55	1.55	0.16	0.42	14.15	4.18	1.73	0.21
11.60	1.60	0.18	0.49	14.20	4.19	1.74	0.21
11.65	1.65	0.20	0.53	14.25	4.20	1.74	0.21
11.70	1.71	0.22	0.56	14.30	4.21	1.75	0.20
11.75	1.78	0.25	0.74	14.35	4.22	1.76	0.20
11.80	1.86	0.29	0.84	14.40	4.23	1.77	0.20
11.85	1.96	0.33	1.12	14.45	4.24	1.77	0.19
11.90	2.06	0.38	1.30	14.50	4.25	1.78	0.19
11.95	2.24	0.47	2.06	14.55	4.26	1.79	0.18
12.00	2.42	0.56	2.53	14.60	4.27	1.79	0.18
12.05	2.71	0.73	3.97	14.65	4.27	1.80	0.18
12.10	3.01	0.91	4.69	14.70	4.28	1.81	0.17
12.15	3.11	0.98	2.68	14.75	4.29	1.81	0.17
12.20	3.21	1.05	1.83	14.80	4.30	1.82	0.17
12.25	3.29	1.10	1.46	14.85	4.31	1.82	0.16
12.30	3.36	1.15	1.33	14.90	4.31	1.83	0.16
12.35	3.42	1.18	1.09	14.95	4.32	1.84	0.15
12.40	3.47	1.22	0.99	15.00	4.33	1.84	0.15
12.45	3.52	1.25	0.96	15.05	4.34	1.85	0.15
12.50	3.57	1.29	0.95	15.10	4.34	1.85	0.15
12.55	3.60	1.31	0.72	15.15	4.35	1.86	0.14
12.60	3.64	1.34	0.63	15.20	4.36	1.86	0.14
12.65	3.67	1.36	0.60	15.25	4.36	1.87	0.14
12.70	3.70	1.38	0.59	15.30	4.37	1.87	0.14
12.75	3.73	1.40	0.55	15.35	4.38	1.88	0.14
12.80	3.76	1.42	0.54	15.40	4.39	1.88	0.14
12.85	3.78	1.44	0.51	15.45	4.39	1.89	0.14
12.90	3.81	1.46	0.49	15.50	4.40	1.89	0.14
12.95	3.83	1.47	0.46	15.55	4.41	1.90	0.14

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.14	18.20	4.68	2.12	0.09
15.65	4.42	1.91	0.13	18.25	4.69	2.12	0.08
15.70	4.42	1.91	0.13	18.30	4.69	2.12	0.08
15.75	4.43	1.92	0.13	18.35	4.70	2.12	0.08
15.80	4.44	1.92	0.13	18.40	4.70	2.13	0.08
15.85	4.44	1.93	0.13	18.45	4.70	2.13	0.08
15.90	4.45	1.93	0.13	18.50	4.71	2.13	0.08
15.95	4.46	1.94	0.13	18.55	4.71	2.14	0.08
16.00	4.46	1.94	0.13	18.60	4.72	2.14	0.08
16.05	4.47	1.95	0.13	18.65	4.72	2.14	0.08
16.10	4.47	1.95	0.13	18.70	4.72	2.15	0.08
16.15	4.48	1.96	0.12	18.75	4.73	2.15	0.08
16.20	4.49	1.96	0.12	18.80	4.73	2.15	0.08
16.25	4.49	1.97	0.12	18.85	4.74	2.16	0.08
16.30	4.50	1.97	0.12	18.90	4.74	2.16	0.08
16.35	4.50	1.98	0.12	18.95	4.74	2.16	0.08
16.40	4.51	1.98	0.12	19.00	4.75	2.16	0.08
16.45	4.52	1.98	0.12	19.05	4.75	2.17	0.08
16.50	4.52	1.99	0.12	19.10	4.76	2.17	0.08
16.55	4.53	1.99	0.12	19.15	4.76	2.17	0.08
16.60	4.53	2.00	0.12	19.20	4.76	2.18	0.08
16.65	4.54	2.00	0.11	19.25	4.77	2.18	0.08
16.70	4.54	2.01	0.11	19.30	4.77	2.18	0.08
16.75	4.55	2.01	0.11	19.35	4.77	2.19	0.08
16.80	4.55	2.01	0.11	19.40	4.78	2.19	0.08
16.85	4.56	2.02	0.11	19.45	4.78	2.19	0.08
16.90	4.57	2.02	0.11	19.50	4.79	2.19	0.08
16.95	4.57	2.03	0.11	19.55	4.79	2.20	0.08
17.00	4.58	2.03	0.11	19.60	4.79	2.20	0.08
17.05	4.58	2.03	0.11	19.65	4.80	2.20	0.08
17.10	4.59	2.04	0.11	19.70	4.80	2.21	0.08
17.15	4.59	2.04	0.10	19.75	4.80	2.21	0.08
17.20	4.60	2.05	0.10	19.80	4.81	2.21	0.08
17.25	4.60	2.05	0.10	19.85	4.81	2.21	0.08
17.30	4.61	2.05	0.10	19.90	4.81	2.22	0.08
17.35	4.61	2.06	0.10	19.95	4.82	2.22	0.08
17.40	4.61	2.06	0.10	20.00	4.82	2.22	0.08
17.45	4.62	2.06	0.10	20.05	4.83	2.23	0.08
17.50	4.62	2.07	0.10	20.10	4.83	2.23	0.08
17.55	4.63	2.07	0.10	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.10	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.09	20.25	4.84	2.24	0.07
17.70	4.64	2.08	0.09	20.30	4.84	2.24	0.07
17.75	4.65	2.09	0.09	20.35	4.85	2.24	0.07
17.80	4.65	2.09	0.09	20.40	4.85	2.25	0.07
17.85	4.66	2.09	0.09	20.45	4.85	2.25	0.07
17.90	4.66	2.10	0.09	20.50	4.86	2.25	0.07
17.95	4.66	2.10	0.09	20.55	4.86	2.25	0.07
18.00	4.67	2.10	0.09	20.60	4.86	2.26	0.07
18.05	4.67	2.11	0.09	20.65	4.87	2.26	0.07
18.10	4.68	2.11	0.09	20.70	4.87	2.26	0.07
18.15	4.68	2.11	0.09	20.75	4.87	2.26	0.07

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.07	23.40	5.04	2.39	0.06
20.85	4.88	2.27	0.07	23.45	5.04	2.40	0.06
20.90	4.88	2.27	0.07	23.50	5.04	2.40	0.06
20.95	4.89	2.28	0.07	23.55	5.04	2.40	0.06
21.00	4.89	2.28	0.07	23.60	5.05	2.40	0.06
21.05	4.89	2.28	0.07	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.07	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.07	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.07	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.07	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.07	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.07	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.07	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.07	24.05	5.07	2.42	0.02
21.50	4.92	2.30	0.07	24.10	5.07	2.42	0.00
21.55	4.93	2.31	0.07	24.15	5.07	2.42	0.00
21.60	4.93	2.31	0.07	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.07	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.07	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.07	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.07	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.07	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.07	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.07	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.06	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.06	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.06	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.06	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.06	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.06	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.06	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.06	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.06	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.06	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.06	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.06	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.06	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.06	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.06	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.06	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.06	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.06	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.06	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.06	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.06	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.06	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.06	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 47I: PDA-47 (impervious)

Runoff = 4.12 cfs @ 12.10 hrs, Volume= 0.300 af, Depth= 4.83"
 Routed to Pond B-47 : Basin #47

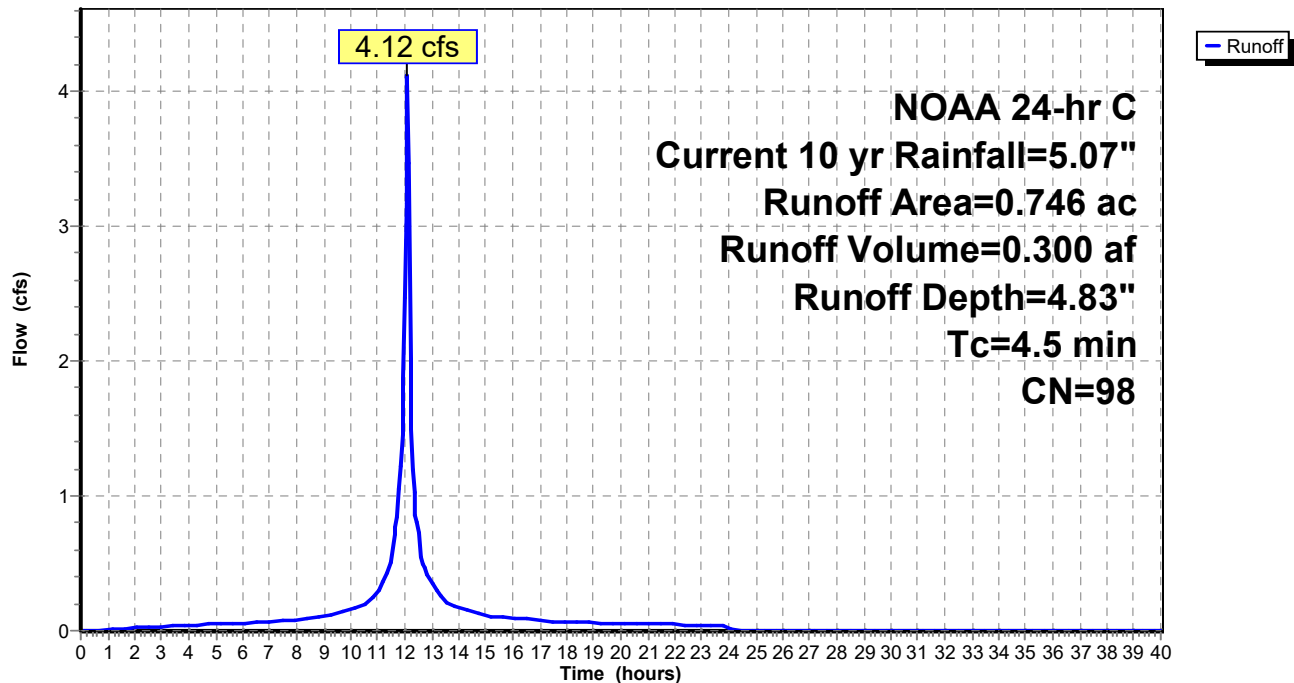
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.244	98	Pavement, HSG C
* 0.484	98	Roof, HSG C
* 0.018	98	Concrete, HSG C
0.746	98	Weighted Average
0.746		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.5					Direct Entry,

Subcatchment 47I: PDA-47 (impervious)

Hydrograph



Hydrograph for Subcatchment 47I: PDA-47 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.03
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.03
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.03
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.03
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.04
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.04
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.04
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.04
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.04
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.04
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.04
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.04
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.04
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.04
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.04
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.05
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.05
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.05
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.05
2.30	0.13	0.03	0.02	4.90	0.31	0.16	0.05
2.35	0.14	0.03	0.02	4.95	0.32	0.16	0.05
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.05
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.05
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.05
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.05

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.08
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.08
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.08
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.08
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.09
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.09
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.09
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.09
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.09
5.65	0.37	0.21	0.05	8.25	0.64	0.45	0.09
5.70	0.38	0.21	0.05	8.30	0.65	0.45	0.09
5.75	0.38	0.21	0.05	8.35	0.65	0.46	0.09
5.80	0.39	0.22	0.05	8.40	0.66	0.46	0.09
5.85	0.39	0.22	0.05	8.45	0.66	0.47	0.09
5.90	0.39	0.22	0.05	8.50	0.67	0.48	0.09
5.95	0.40	0.23	0.05	8.55	0.68	0.48	0.09
6.00	0.40	0.23	0.05	8.60	0.68	0.49	0.09
6.05	0.41	0.23	0.05	8.65	0.69	0.50	0.10
6.10	0.41	0.24	0.05	8.70	0.70	0.50	0.10
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.10
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.10
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.10
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.10
6.35	0.43	0.26	0.06	8.95	0.73	0.53	0.10
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.10
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.10
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.11
6.55	0.45	0.27	0.06	9.15	0.76	0.56	0.11
6.60	0.46	0.28	0.06	9.20	0.77	0.57	0.11
6.65	0.46	0.28	0.06	9.25	0.78	0.58	0.11
6.70	0.46	0.29	0.06	9.30	0.79	0.59	0.12
6.75	0.47	0.29	0.06	9.35	0.80	0.59	0.12
6.80	0.47	0.29	0.07	9.40	0.80	0.60	0.12
6.85	0.48	0.30	0.07	9.45	0.81	0.61	0.13
6.90	0.48	0.30	0.07	9.50	0.82	0.62	0.13
6.95	0.49	0.31	0.07	9.55	0.83	0.63	0.13
7.00	0.49	0.31	0.07	9.60	0.84	0.64	0.13
7.05	0.50	0.32	0.07	9.65	0.85	0.65	0.14
7.10	0.50	0.32	0.07	9.70	0.86	0.66	0.14
7.15	0.51	0.33	0.07	9.75	0.87	0.67	0.14
7.20	0.52	0.33	0.07	9.80	0.88	0.68	0.15
7.25	0.52	0.34	0.07	9.85	0.89	0.69	0.15
7.30	0.53	0.34	0.07	9.90	0.90	0.70	0.15
7.35	0.53	0.35	0.07	9.95	0.91	0.71	0.15
7.40	0.54	0.35	0.08	10.00	0.92	0.72	0.16
7.45	0.54	0.36	0.08	10.05	0.94	0.73	0.16
7.50	0.55	0.36	0.08	10.10	0.95	0.74	0.16
7.55	0.55	0.37	0.08	10.15	0.96	0.75	0.17
7.60	0.56	0.37	0.08	10.20	0.97	0.76	0.17
7.65	0.57	0.38	0.08	10.25	0.98	0.77	0.17
7.70	0.57	0.38	0.08	10.30	0.99	0.79	0.17
7.75	0.58	0.39	0.08	10.35	1.01	0.80	0.18

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.18	13.00	3.85	3.62	0.35
10.45	1.03	0.82	0.18	13.05	3.87	3.64	0.33
10.50	1.04	0.83	0.19	13.10	3.89	3.66	0.31
10.55	1.06	0.85	0.19	13.15	3.91	3.68	0.30
10.60	1.07	0.86	0.21	13.20	3.93	3.70	0.28
10.65	1.09	0.88	0.21	13.25	3.95	3.71	0.27
10.70	1.10	0.89	0.23	13.30	3.97	3.73	0.26
10.75	1.12	0.91	0.24	13.35	3.98	3.75	0.25
10.80	1.14	0.93	0.25	13.40	4.00	3.76	0.24
10.85	1.16	0.94	0.26	13.45	4.01	3.78	0.23
10.90	1.18	0.96	0.27	13.50	4.03	3.79	0.22
10.95	1.20	0.98	0.28	13.55	4.04	3.80	0.21
11.00	1.22	1.00	0.29	13.60	4.05	3.82	0.20
11.05	1.24	1.02	0.31	13.65	4.06	3.83	0.19
11.10	1.26	1.05	0.33	13.70	4.08	3.84	0.19
11.15	1.29	1.07	0.35	13.75	4.09	3.85	0.18
11.20	1.31	1.10	0.37	13.80	4.10	3.86	0.18
11.25	1.34	1.12	0.39	13.85	4.11	3.88	0.18
11.30	1.37	1.15	0.41	13.90	4.12	3.89	0.18
11.35	1.40	1.18	0.43	13.95	4.13	3.90	0.17
11.40	1.43	1.21	0.45	14.00	4.15	3.91	0.17
11.45	1.47	1.25	0.47	14.05	4.16	3.92	0.17
11.50	1.50	1.28	0.49	14.10	4.17	3.93	0.16
11.55	1.55	1.33	0.57	14.15	4.18	3.94	0.16
11.60	1.60	1.38	0.71	14.20	4.19	3.95	0.16
11.65	1.65	1.43	0.76	14.25	4.20	3.96	0.16
11.70	1.71	1.49	0.79	14.30	4.21	3.97	0.15
11.75	1.78	1.56	0.89	14.35	4.22	3.98	0.15
11.80	1.86	1.63	1.05	14.40	4.23	3.99	0.15
11.85	1.96	1.73	1.23	14.45	4.24	4.00	0.15
11.90	2.06	1.84	1.46	14.50	4.25	4.01	0.14
11.95	2.24	2.01	1.87	14.55	4.26	4.02	0.14
12.00	2.42	2.19	2.46	14.60	4.27	4.03	0.14
12.05	2.71	2.48	3.17	14.65	4.27	4.04	0.13
12.10	3.01	2.78	4.11	14.70	4.28	4.05	0.13
12.15	3.11	2.88	3.47	14.75	4.29	4.06	0.13
12.20	3.21	2.98	2.02	14.80	4.30	4.06	0.12
12.25	3.29	3.05	1.50	14.85	4.31	4.07	0.12
12.30	3.36	3.13	1.20	14.90	4.31	4.08	0.12
12.35	3.42	3.18	1.03	14.95	4.32	4.09	0.12
12.40	3.47	3.24	0.86	15.00	4.33	4.09	0.11
12.45	3.52	3.29	0.81	15.05	4.34	4.10	0.11
12.50	3.57	3.34	0.78	15.10	4.34	4.11	0.11
12.55	3.60	3.37	0.68	15.15	4.35	4.12	0.11
12.60	3.64	3.40	0.54	15.20	4.36	4.12	0.11
12.65	3.67	3.43	0.50	15.25	4.36	4.13	0.10
12.70	3.70	3.47	0.47	15.30	4.37	4.14	0.10
12.75	3.73	3.49	0.45	15.35	4.38	4.14	0.10
12.80	3.76	3.52	0.43	15.40	4.39	4.15	0.10
12.85	3.78	3.55	0.41	15.45	4.39	4.16	0.10
12.90	3.81	3.57	0.39	15.50	4.40	4.16	0.10
12.95	3.83	3.60	0.37	15.55	4.41	4.17	0.10

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.10	18.20	4.68	4.45	0.06
15.65	4.42	4.18	0.10	18.25	4.69	4.45	0.06
15.70	4.42	4.19	0.10	18.30	4.69	4.46	0.06
15.75	4.43	4.20	0.10	18.35	4.70	4.46	0.06
15.80	4.44	4.20	0.10	18.40	4.70	4.46	0.06
15.85	4.44	4.21	0.10	18.45	4.70	4.47	0.06
15.90	4.45	4.21	0.09	18.50	4.71	4.47	0.06
15.95	4.46	4.22	0.09	18.55	4.71	4.48	0.06
16.00	4.46	4.23	0.09	18.60	4.72	4.48	0.06
16.05	4.47	4.23	0.09	18.65	4.72	4.48	0.06
16.10	4.47	4.24	0.09	18.70	4.72	4.49	0.06
16.15	4.48	4.24	0.09	18.75	4.73	4.49	0.06
16.20	4.49	4.25	0.09	18.80	4.73	4.50	0.06
16.25	4.49	4.26	0.09	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.09	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.09	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.09	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.09	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.09	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.08	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.08	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.08	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.08	19.30	4.77	4.53	0.06
16.75	4.55	4.31	0.08	19.35	4.77	4.54	0.06
16.80	4.55	4.32	0.08	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.08	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.08	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.08	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.08	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.08	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.08	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.08	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.08	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.07	19.85	4.81	4.57	0.05
17.30	4.61	4.37	0.07	19.90	4.81	4.58	0.05
17.35	4.61	4.37	0.07	19.95	4.82	4.58	0.05
17.40	4.61	4.38	0.07	20.00	4.82	4.59	0.05
17.45	4.62	4.38	0.07	20.05	4.83	4.59	0.05
17.50	4.62	4.39	0.07	20.10	4.83	4.59	0.05
17.55	4.63	4.39	0.07	20.15	4.83	4.60	0.05
17.60	4.63	4.40	0.07	20.20	4.84	4.60	0.05
17.65	4.64	4.40	0.07	20.25	4.84	4.60	0.05
17.70	4.64	4.41	0.07	20.30	4.84	4.61	0.05
17.75	4.65	4.41	0.07	20.35	4.85	4.61	0.05
17.80	4.65	4.42	0.07	20.40	4.85	4.61	0.05
17.85	4.66	4.42	0.07	20.45	4.85	4.62	0.05
17.90	4.66	4.42	0.06	20.50	4.86	4.62	0.05
17.95	4.66	4.43	0.06	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.06	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.06	20.65	4.87	4.63	0.05
18.10	4.68	4.44	0.06	20.70	4.87	4.63	0.05
18.15	4.68	4.44	0.06	20.75	4.87	4.64	0.05

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.05	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.05	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.05	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.05	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.05	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.05	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.03
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.01
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.04	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.04	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.04	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.04	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.04	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.04	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.04	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.04	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.04	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.04	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.04	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.04	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.04	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.04	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.04	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 47P: PDA-47 (pervious)

Runoff = 3.69 cfs @ 12.26 hrs, Volume= 0.341 af, Depth= 2.42"
 Routed to Pond B-47 : Basin #47

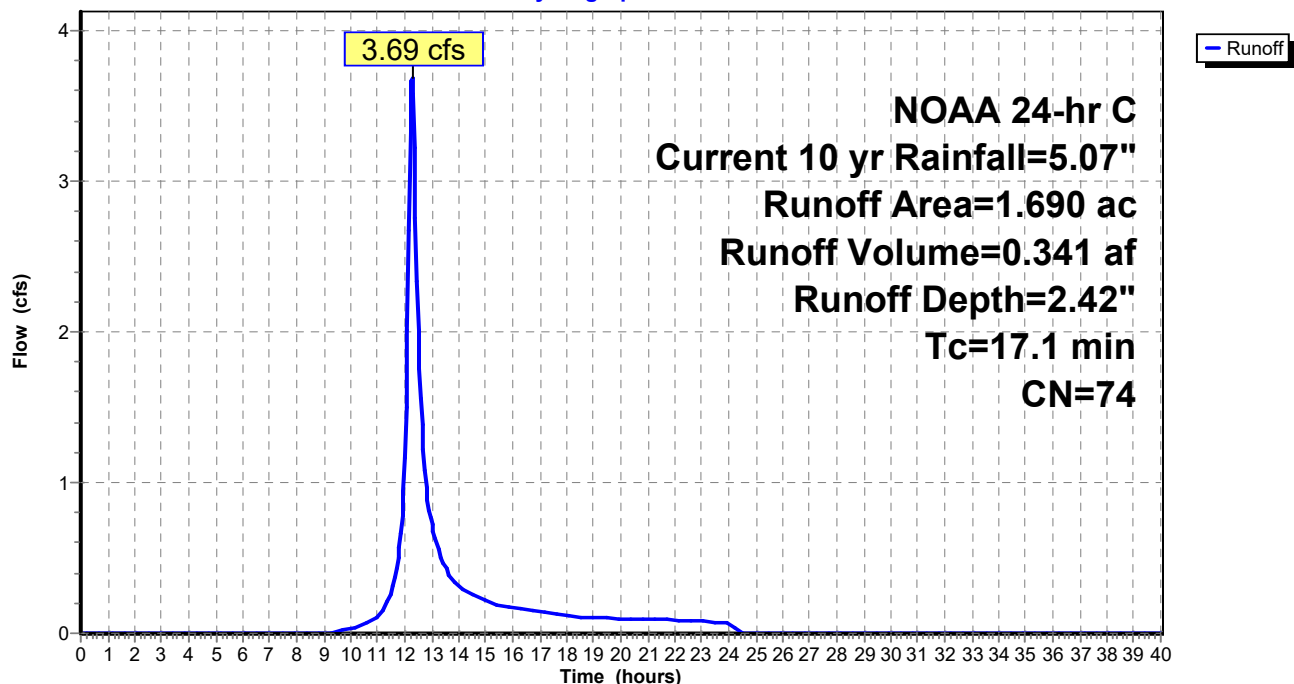
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.690	74	>75% Grass cover, Good, HSG C
1.690		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.1					Direct Entry,

Subcatchment 47P: PDA-47 (pervious)

Hydrograph



Hydrograph for Subcatchment 47P: PDA-47 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.72
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.68
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.64
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.61
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.57
10.65	1.09	0.04	0.07	13.25	3.95	1.56	0.54
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.52
10.75	1.12	0.04	0.08	13.35	3.98	1.58	0.49
10.80	1.14	0.05	0.09	13.40	4.00	1.59	0.47
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.45
10.90	1.18	0.06	0.10	13.50	4.03	1.61	0.43
10.95	1.20	0.06	0.11	13.55	4.04	1.62	0.42
11.00	1.22	0.07	0.12	13.60	4.05	1.63	0.40
11.05	1.24	0.07	0.13	13.65	4.06	1.64	0.38
11.10	1.26	0.08	0.14	13.70	4.08	1.65	0.36
11.15	1.29	0.08	0.15	13.75	4.09	1.66	0.35
11.20	1.31	0.09	0.16	13.80	4.10	1.67	0.34
11.25	1.34	0.10	0.18	13.85	4.11	1.68	0.33
11.30	1.37	0.11	0.19	13.90	4.12	1.69	0.32
11.35	1.40	0.12	0.21	13.95	4.13	1.70	0.31
11.40	1.43	0.13	0.23	14.00	4.15	1.70	0.31
11.45	1.47	0.14	0.25	14.05	4.16	1.71	0.30
11.50	1.50	0.15	0.27	14.10	4.17	1.72	0.30
11.55	1.55	0.16	0.29	14.15	4.18	1.73	0.29
11.60	1.60	0.18	0.32	14.20	4.19	1.74	0.29
11.65	1.65	0.20	0.37	14.25	4.20	1.74	0.28
11.70	1.71	0.22	0.43	14.30	4.21	1.75	0.28
11.75	1.78	0.25	0.50	14.35	4.22	1.76	0.27
11.80	1.86	0.29	0.57	14.40	4.23	1.77	0.27
11.85	1.96	0.33	0.66	14.45	4.24	1.77	0.26
11.90	2.06	0.38	0.78	14.50	4.25	1.78	0.26
11.95	2.24	0.47	0.94	14.55	4.26	1.79	0.26
12.00	2.42	0.56	1.17	14.60	4.27	1.79	0.25
12.05	2.71	0.73	1.50	14.65	4.27	1.80	0.25
12.10	3.01	0.91	2.01	14.70	4.28	1.81	0.24
12.15	3.11	0.98	2.67	14.75	4.29	1.81	0.24
12.20	3.21	1.05	3.33	14.80	4.30	1.82	0.23
12.25	3.29	1.10	3.67	14.85	4.31	1.82	0.23
12.30	3.36	1.15	3.58	14.90	4.31	1.83	0.22
12.35	3.42	1.18	3.22	14.95	4.32	1.84	0.22
12.40	3.47	1.22	2.75	15.00	4.33	1.84	0.21
12.45	3.52	1.25	2.34	15.05	4.34	1.85	0.21
12.50	3.57	1.29	2.01	15.10	4.34	1.85	0.20
12.55	3.60	1.31	1.76	15.15	4.35	1.86	0.20
12.60	3.64	1.34	1.56	15.20	4.36	1.86	0.19
12.65	3.67	1.36	1.38	15.25	4.36	1.87	0.19
12.70	3.70	1.38	1.22	15.30	4.37	1.87	0.19
12.75	3.73	1.40	1.08	15.35	4.38	1.88	0.19
12.80	3.76	1.42	0.97	15.40	4.39	1.88	0.18
12.85	3.78	1.44	0.88	15.45	4.39	1.89	0.18
12.90	3.81	1.46	0.82	15.50	4.40	1.89	0.18
12.95	3.83	1.47	0.76	15.55	4.41	1.90	0.18

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.18	18.20	4.68	2.12	0.11
15.65	4.42	1.91	0.18	18.25	4.69	2.12	0.11
15.70	4.42	1.91	0.17	18.30	4.69	2.12	0.11
15.75	4.43	1.92	0.17	18.35	4.70	2.12	0.11
15.80	4.44	1.92	0.17	18.40	4.70	2.13	0.11
15.85	4.44	1.93	0.17	18.45	4.70	2.13	0.11
15.90	4.45	1.93	0.17	18.50	4.71	2.13	0.11
15.95	4.46	1.94	0.17	18.55	4.71	2.14	0.11
16.00	4.46	1.94	0.17	18.60	4.72	2.14	0.11
16.05	4.47	1.95	0.17	18.65	4.72	2.14	0.11
16.10	4.47	1.95	0.16	18.70	4.72	2.15	0.11
16.15	4.48	1.96	0.16	18.75	4.73	2.15	0.11
16.20	4.49	1.96	0.16	18.80	4.73	2.15	0.11
16.25	4.49	1.97	0.16	18.85	4.74	2.16	0.11
16.30	4.50	1.97	0.16	18.90	4.74	2.16	0.10
16.35	4.50	1.98	0.16	18.95	4.74	2.16	0.10
16.40	4.51	1.98	0.16	19.00	4.75	2.16	0.10
16.45	4.52	1.98	0.16	19.05	4.75	2.17	0.10
16.50	4.52	1.99	0.15	19.10	4.76	2.17	0.10
16.55	4.53	1.99	0.15	19.15	4.76	2.17	0.10
16.60	4.53	2.00	0.15	19.20	4.76	2.18	0.10
16.65	4.54	2.00	0.15	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.15	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.15	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.15	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.15	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.14	19.50	4.79	2.19	0.10
16.95	4.57	2.03	0.14	19.55	4.79	2.20	0.10
17.00	4.58	2.03	0.14	19.60	4.79	2.20	0.10
17.05	4.58	2.03	0.14	19.65	4.80	2.20	0.10
17.10	4.59	2.04	0.14	19.70	4.80	2.21	0.10
17.15	4.59	2.04	0.14	19.75	4.80	2.21	0.10
17.20	4.60	2.05	0.14	19.80	4.81	2.21	0.10
17.25	4.60	2.05	0.14	19.85	4.81	2.21	0.10
17.30	4.61	2.05	0.13	19.90	4.81	2.22	0.10
17.35	4.61	2.06	0.13	19.95	4.82	2.22	0.10
17.40	4.61	2.06	0.13	20.00	4.82	2.22	0.10
17.45	4.62	2.06	0.13	20.05	4.83	2.23	0.10
17.50	4.62	2.07	0.13	20.10	4.83	2.23	0.10
17.55	4.63	2.07	0.13	20.15	4.83	2.23	0.10
17.60	4.63	2.08	0.13	20.20	4.84	2.23	0.10
17.65	4.64	2.08	0.13	20.25	4.84	2.24	0.10
17.70	4.64	2.08	0.12	20.30	4.84	2.24	0.10
17.75	4.65	2.09	0.12	20.35	4.85	2.24	0.10
17.80	4.65	2.09	0.12	20.40	4.85	2.25	0.10
17.85	4.66	2.09	0.12	20.45	4.85	2.25	0.10
17.90	4.66	2.10	0.12	20.50	4.86	2.25	0.09
17.95	4.66	2.10	0.12	20.55	4.86	2.25	0.09
18.00	4.67	2.10	0.12	20.60	4.86	2.26	0.09
18.05	4.67	2.11	0.12	20.65	4.87	2.26	0.09
18.10	4.68	2.11	0.11	20.70	4.87	2.26	0.09
18.15	4.68	2.11	0.11	20.75	4.87	2.26	0.09

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.08
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.08
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.08
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.08
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.09	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.09	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.09	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.09	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.09	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.09	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.09	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.09	24.10	5.07	2.42	0.07
21.55	4.93	2.31	0.09	24.15	5.07	2.42	0.07
21.60	4.93	2.31	0.09	24.20	5.07	2.42	0.05
21.65	4.93	2.31	0.09	24.25	5.07	2.42	0.04
21.70	4.94	2.31	0.09	24.30	5.07	2.42	0.03
21.75	4.94	2.32	0.09	24.35	5.07	2.42	0.02
21.80	4.94	2.32	0.09	24.40	5.07	2.42	0.01
21.85	4.95	2.32	0.09	24.45	5.07	2.42	0.01
21.90	4.95	2.32	0.09	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.09	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.09	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.09	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.08	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.08	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.08	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.08	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.08	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.08	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.08	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.08	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.08	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.08	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.08	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.08	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.08	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.08	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.08	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment UPDA-4: PDA-4 (undetained)

Runoff = 6.44 cfs @ 12.76 hrs, Volume= 1.169 af, Depth= 1.21"

Routed to Link PDA-4 : Proposed Drainage Area #4

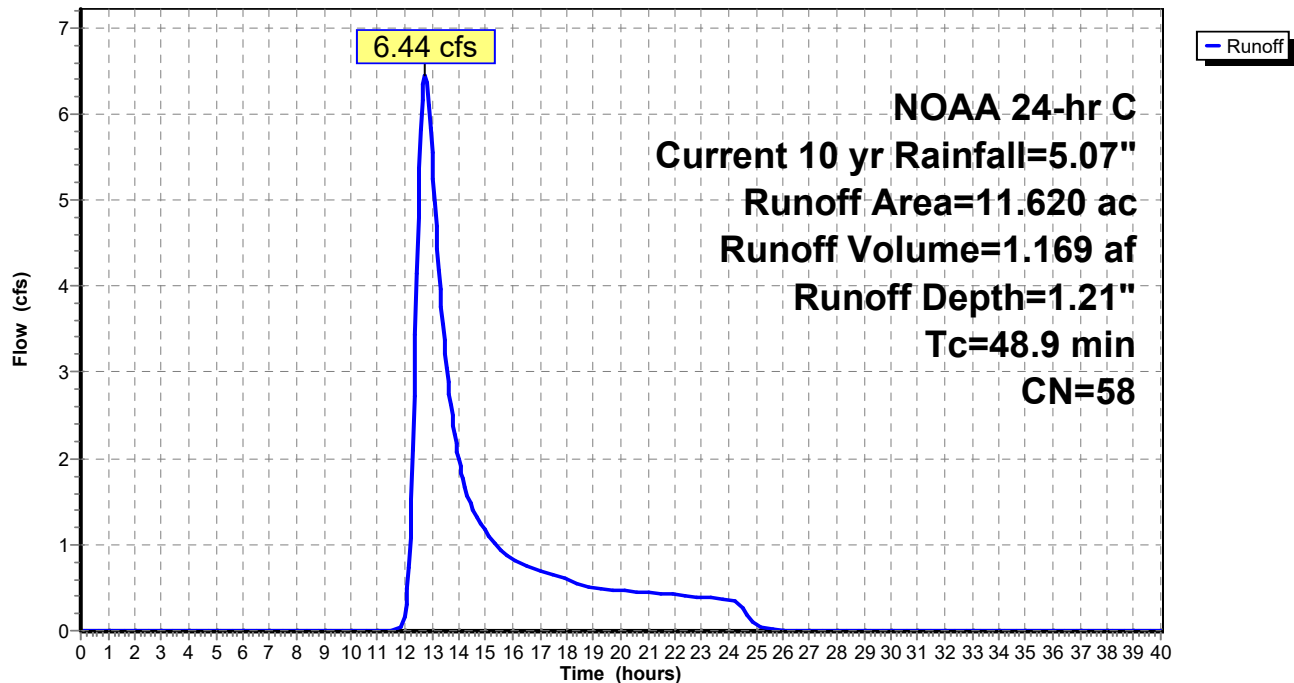
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
9.300	55	Woods, Good, HSG B
1.740	70	Woods, Good, HSG C
0.580	77	Woods, Good, HSG D
11.620	58	Weighted Average
11.620		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
48.9					Direct Entry,

Subcatchment UPDA-4: PDA-4 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.00
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.00
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.00
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.00
7.00	0.49	0.00	0.00	9.60	0.84	0.00	0.00
7.05	0.50	0.00	0.00	9.65	0.85	0.00	0.00
7.10	0.50	0.00	0.00	9.70	0.86	0.00	0.00
7.15	0.51	0.00	0.00	9.75	0.87	0.00	0.00
7.20	0.52	0.00	0.00	9.80	0.88	0.00	0.00
7.25	0.52	0.00	0.00	9.85	0.89	0.00	0.00
7.30	0.53	0.00	0.00	9.90	0.90	0.00	0.00
7.35	0.53	0.00	0.00	9.95	0.91	0.00	0.00
7.40	0.54	0.00	0.00	10.00	0.92	0.00	0.00
7.45	0.54	0.00	0.00	10.05	0.94	0.00	0.00
7.50	0.55	0.00	0.00	10.10	0.95	0.00	0.00
7.55	0.55	0.00	0.00	10.15	0.96	0.00	0.00
7.60	0.56	0.00	0.00	10.20	0.97	0.00	0.00
7.65	0.57	0.00	0.00	10.25	0.98	0.00	0.00
7.70	0.57	0.00	0.00	10.30	0.99	0.00	0.00
7.75	0.58	0.00	0.00	10.35	1.01	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.00	0.00	13.00	3.85	0.60	5.55
10.45	1.03	0.00	0.00	13.05	3.87	0.61	5.25
10.50	1.04	0.00	0.00	13.10	3.89	0.62	4.96
10.55	1.06	0.00	0.00	13.15	3.91	0.63	4.69
10.60	1.07	0.00	0.00	13.20	3.93	0.63	4.44
10.65	1.09	0.00	0.00	13.25	3.95	0.64	4.20
10.70	1.10	0.00	0.00	13.30	3.97	0.65	3.97
10.75	1.12	0.00	0.00	13.35	3.98	0.66	3.76
10.80	1.14	0.00	0.00	13.40	4.00	0.66	3.56
10.85	1.16	0.00	0.00	13.45	4.01	0.67	3.37
10.90	1.18	0.00	0.00	13.50	4.03	0.68	3.20
10.95	1.20	0.00	0.00	13.55	4.04	0.68	3.04
11.00	1.22	0.00	0.00	13.60	4.05	0.69	2.89
11.05	1.24	0.00	0.00	13.65	4.06	0.69	2.75
11.10	1.26	0.00	0.00	13.70	4.08	0.70	2.62
11.15	1.29	0.00	0.00	13.75	4.09	0.71	2.50
11.20	1.31	0.00	0.00	13.80	4.10	0.71	2.38
11.25	1.34	0.00	0.00	13.85	4.11	0.72	2.28
11.30	1.37	0.00	0.00	13.90	4.12	0.72	2.17
11.35	1.40	0.00	0.00	13.95	4.13	0.73	2.08
11.40	1.43	0.00	0.00	14.00	4.15	0.73	1.99
11.45	1.47	0.00	0.00	14.05	4.16	0.74	1.91
11.50	1.50	0.00	0.00	14.10	4.17	0.74	1.84
11.55	1.55	0.00	0.00	14.15	4.18	0.75	1.77
11.60	1.60	0.00	0.00	14.20	4.19	0.75	1.71
11.65	1.65	0.01	0.00	14.25	4.20	0.76	1.65
11.70	1.71	0.01	0.01	14.30	4.21	0.76	1.60
11.75	1.78	0.01	0.01	14.35	4.22	0.77	1.55
11.80	1.86	0.02	0.02	14.40	4.23	0.77	1.51
11.85	1.96	0.03	0.04	14.45	4.24	0.78	1.46
11.90	2.06	0.05	0.08	14.50	4.25	0.78	1.43
11.95	2.24	0.08	0.12	14.55	4.26	0.78	1.39
12.00	2.42	0.11	0.20	14.60	4.27	0.79	1.36
12.05	2.71	0.19	0.31	14.65	4.27	0.79	1.33
12.10	3.01	0.28	0.48	14.70	4.28	0.80	1.30
12.15	3.11	0.31	0.73	14.75	4.29	0.80	1.27
12.20	3.21	0.35	1.08	14.80	4.30	0.81	1.24
12.25	3.29	0.37	1.53	14.85	4.31	0.81	1.22
12.30	3.36	0.40	2.09	14.90	4.31	0.81	1.19
12.35	3.42	0.42	2.73	14.95	4.32	0.82	1.17
12.40	3.47	0.44	3.43	15.00	4.33	0.82	1.15
12.45	3.52	0.46	4.14	15.05	4.34	0.82	1.13
12.50	3.57	0.48	4.80	15.10	4.34	0.83	1.10
12.55	3.60	0.49	5.37	15.15	4.35	0.83	1.08
12.60	3.64	0.51	5.82	15.20	4.36	0.83	1.06
12.65	3.67	0.52	6.16	15.25	4.36	0.84	1.04
12.70	3.70	0.53	6.35	15.30	4.37	0.84	1.02
12.75	3.73	0.55	6.44	15.35	4.38	0.84	1.00
12.80	3.76	0.56	6.41	15.40	4.39	0.85	0.98
12.85	3.78	0.57	6.30	15.45	4.39	0.85	0.96
12.90	3.81	0.58	6.10	15.50	4.40	0.85	0.94
12.95	3.83	0.59	5.84	15.55	4.41	0.86	0.93

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	0.86	0.91	18.20	4.68	1.00	0.57
15.65	4.42	0.86	0.90	18.25	4.69	1.00	0.56
15.70	4.42	0.87	0.88	18.30	4.69	1.00	0.56
15.75	4.43	0.87	0.87	18.35	4.70	1.01	0.55
15.80	4.44	0.87	0.86	18.40	4.70	1.01	0.55
15.85	4.44	0.88	0.85	18.45	4.70	1.01	0.54
15.90	4.45	0.88	0.84	18.50	4.71	1.01	0.54
15.95	4.46	0.88	0.83	18.55	4.71	1.01	0.53
16.00	4.46	0.89	0.82	18.60	4.72	1.02	0.53
16.05	4.47	0.89	0.81	18.65	4.72	1.02	0.52
16.10	4.47	0.89	0.80	18.70	4.72	1.02	0.52
16.15	4.48	0.90	0.80	18.75	4.73	1.02	0.51
16.20	4.49	0.90	0.79	18.80	4.73	1.02	0.51
16.25	4.49	0.90	0.78	18.85	4.74	1.03	0.51
16.30	4.50	0.90	0.78	18.90	4.74	1.03	0.51
16.35	4.50	0.91	0.77	18.95	4.74	1.03	0.50
16.40	4.51	0.91	0.76	19.00	4.75	1.03	0.50
16.45	4.52	0.91	0.76	19.05	4.75	1.03	0.50
16.50	4.52	0.92	0.75	19.10	4.76	1.04	0.50
16.55	4.53	0.92	0.75	19.15	4.76	1.04	0.49
16.60	4.53	0.92	0.74	19.20	4.76	1.04	0.49
16.65	4.54	0.92	0.74	19.25	4.77	1.04	0.49
16.70	4.54	0.93	0.73	19.30	4.77	1.04	0.49
16.75	4.55	0.93	0.72	19.35	4.77	1.05	0.49
16.80	4.55	0.93	0.72	19.40	4.78	1.05	0.49
16.85	4.56	0.94	0.71	19.45	4.78	1.05	0.48
16.90	4.57	0.94	0.71	19.50	4.79	1.05	0.48
16.95	4.57	0.94	0.70	19.55	4.79	1.05	0.48
17.00	4.58	0.94	0.70	19.60	4.79	1.06	0.48
17.05	4.58	0.95	0.69	19.65	4.80	1.06	0.48
17.10	4.59	0.95	0.69	19.70	4.80	1.06	0.48
17.15	4.59	0.95	0.68	19.75	4.80	1.06	0.48
17.20	4.60	0.95	0.68	19.80	4.81	1.06	0.47
17.25	4.60	0.96	0.67	19.85	4.81	1.07	0.47
17.30	4.61	0.96	0.67	19.90	4.81	1.07	0.47
17.35	4.61	0.96	0.66	19.95	4.82	1.07	0.47
17.40	4.61	0.96	0.65	20.00	4.82	1.07	0.47
17.45	4.62	0.97	0.65	20.05	4.83	1.07	0.47
17.50	4.62	0.97	0.64	20.10	4.83	1.08	0.47
17.55	4.63	0.97	0.64	20.15	4.83	1.08	0.47
17.60	4.63	0.97	0.63	20.20	4.84	1.08	0.46
17.65	4.64	0.98	0.63	20.25	4.84	1.08	0.46
17.70	4.64	0.98	0.62	20.30	4.84	1.08	0.46
17.75	4.65	0.98	0.62	20.35	4.85	1.09	0.46
17.80	4.65	0.98	0.61	20.40	4.85	1.09	0.46
17.85	4.66	0.98	0.61	20.45	4.85	1.09	0.46
17.90	4.66	0.99	0.60	20.50	4.86	1.09	0.46
17.95	4.66	0.99	0.60	20.55	4.86	1.09	0.45
18.00	4.67	0.99	0.59	20.60	4.86	1.09	0.45
18.05	4.67	0.99	0.58	20.65	4.87	1.10	0.45
18.10	4.68	1.00	0.58	20.70	4.87	1.10	0.45
18.15	4.68	1.00	0.57	20.75	4.87	1.10	0.45

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	1.10	0.45	23.40	5.04	1.19	0.38
20.85	4.88	1.10	0.45	23.45	5.04	1.19	0.37
20.90	4.88	1.11	0.45	23.50	5.04	1.19	0.37
20.95	4.89	1.11	0.44	23.55	5.04	1.19	0.37
21.00	4.89	1.11	0.44	23.60	5.05	1.20	0.37
21.05	4.89	1.11	0.44	23.65	5.05	1.20	0.37
21.10	4.90	1.11	0.44	23.70	5.05	1.20	0.37
21.15	4.90	1.11	0.44	23.75	5.06	1.20	0.37
21.20	4.90	1.12	0.44	23.80	5.06	1.20	0.36
21.25	4.91	1.12	0.44	23.85	5.06	1.20	0.36
21.30	4.91	1.12	0.43	23.90	5.06	1.20	0.36
21.35	4.91	1.12	0.43	23.95	5.07	1.21	0.36
21.40	4.92	1.12	0.43	24.00	5.07	1.21	0.36
21.45	4.92	1.13	0.43	24.05	5.07	1.21	0.36
21.50	4.92	1.13	0.43	24.10	5.07	1.21	0.36
21.55	4.93	1.13	0.43	24.15	5.07	1.21	0.35
21.60	4.93	1.13	0.43	24.20	5.07	1.21	0.35
21.65	4.93	1.13	0.43	24.25	5.07	1.21	0.35
21.70	4.94	1.13	0.42	24.30	5.07	1.21	0.34
21.75	4.94	1.14	0.42	24.35	5.07	1.21	0.33
21.80	4.94	1.14	0.42	24.40	5.07	1.21	0.31
21.85	4.95	1.14	0.42	24.45	5.07	1.21	0.30
21.90	4.95	1.14	0.42	24.50	5.07	1.21	0.27
21.95	4.95	1.14	0.42	24.55	5.07	1.21	0.25
22.00	4.96	1.14	0.42	24.60	5.07	1.21	0.23
22.05	4.96	1.15	0.41	24.65	5.07	1.21	0.20
22.10	4.96	1.15	0.41	24.70	5.07	1.21	0.18
22.15	4.96	1.15	0.41	24.75	5.07	1.21	0.16
22.20	4.97	1.15	0.41	24.80	5.07	1.21	0.14
22.25	4.97	1.15	0.41	24.85	5.07	1.21	0.12
22.30	4.97	1.15	0.41	24.90	5.07	1.21	0.10
22.35	4.98	1.16	0.41	24.95	5.07	1.21	0.08
22.40	4.98	1.16	0.40	25.00	5.07	1.21	0.07
22.45	4.98	1.16	0.40	25.05	5.07	1.21	0.06
22.50	4.99	1.16	0.40	25.10	5.07	1.21	0.05
22.55	4.99	1.16	0.40	25.15	5.07	1.21	0.05
22.60	4.99	1.16	0.40	25.20	5.07	1.21	0.04
22.65	4.99	1.17	0.40	25.25	5.07	1.21	0.03
22.70	5.00	1.17	0.40	25.30	5.07	1.21	0.03
22.75	5.00	1.17	0.40	25.35	5.07	1.21	0.03
22.80	5.00	1.17	0.39	25.40	5.07	1.21	0.02
22.85	5.01	1.17	0.39	25.45	5.07	1.21	0.02
22.90	5.01	1.17	0.39	25.50	5.07	1.21	0.02
22.95	5.01	1.18	0.39	25.55	5.07	1.21	0.01
23.00	5.01	1.18	0.39	25.60	5.07	1.21	0.01
23.05	5.02	1.18	0.39	25.65	5.07	1.21	0.01
23.10	5.02	1.18	0.39	25.70	5.07	1.21	0.01
23.15	5.02	1.18	0.38	25.75	5.07	1.21	0.01
23.20	5.03	1.18	0.38	25.80	5.07	1.21	0.01
23.25	5.03	1.18	0.38	25.85	5.07	1.21	0.01
23.30	5.03	1.19	0.38	25.90	5.07	1.21	0.00
23.35	5.03	1.19	0.38	25.95	5.07	1.21	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	1.21	0.00	28.60	5.07	1.21	0.00
26.05	5.07	1.21	0.00	28.65	5.07	1.21	0.00
26.10	5.07	1.21	0.00	28.70	5.07	1.21	0.00
26.15	5.07	1.21	0.00	28.75	5.07	1.21	0.00
26.20	5.07	1.21	0.00	28.80	5.07	1.21	0.00
26.25	5.07	1.21	0.00	28.85	5.07	1.21	0.00
26.30	5.07	1.21	0.00	28.90	5.07	1.21	0.00
26.35	5.07	1.21	0.00	28.95	5.07	1.21	0.00
26.40	5.07	1.21	0.00	29.00	5.07	1.21	0.00
26.45	5.07	1.21	0.00	29.05	5.07	1.21	0.00
26.50	5.07	1.21	0.00	29.10	5.07	1.21	0.00
26.55	5.07	1.21	0.00	29.15	5.07	1.21	0.00
26.60	5.07	1.21	0.00	29.20	5.07	1.21	0.00
26.65	5.07	1.21	0.00	29.25	5.07	1.21	0.00
26.70	5.07	1.21	0.00	29.30	5.07	1.21	0.00
26.75	5.07	1.21	0.00	29.35	5.07	1.21	0.00
26.80	5.07	1.21	0.00	29.40	5.07	1.21	0.00
26.85	5.07	1.21	0.00	29.45	5.07	1.21	0.00
26.90	5.07	1.21	0.00	29.50	5.07	1.21	0.00
26.95	5.07	1.21	0.00	29.55	5.07	1.21	0.00
27.00	5.07	1.21	0.00	29.60	5.07	1.21	0.00
27.05	5.07	1.21	0.00	29.65	5.07	1.21	0.00
27.10	5.07	1.21	0.00	29.70	5.07	1.21	0.00
27.15	5.07	1.21	0.00	29.75	5.07	1.21	0.00
27.20	5.07	1.21	0.00	29.80	5.07	1.21	0.00
27.25	5.07	1.21	0.00	29.85	5.07	1.21	0.00
27.30	5.07	1.21	0.00	29.90	5.07	1.21	0.00
27.35	5.07	1.21	0.00	29.95	5.07	1.21	0.00
27.40	5.07	1.21	0.00	30.00	5.07	1.21	0.00
27.45	5.07	1.21	0.00	30.05	5.07	1.21	0.00
27.50	5.07	1.21	0.00	30.10	5.07	1.21	0.00
27.55	5.07	1.21	0.00	30.15	5.07	1.21	0.00
27.60	5.07	1.21	0.00	30.20	5.07	1.21	0.00
27.65	5.07	1.21	0.00	30.25	5.07	1.21	0.00
27.70	5.07	1.21	0.00	30.30	5.07	1.21	0.00
27.75	5.07	1.21	0.00	30.35	5.07	1.21	0.00
27.80	5.07	1.21	0.00	30.40	5.07	1.21	0.00
27.85	5.07	1.21	0.00	30.45	5.07	1.21	0.00
27.90	5.07	1.21	0.00	30.50	5.07	1.21	0.00
27.95	5.07	1.21	0.00	30.55	5.07	1.21	0.00
28.00	5.07	1.21	0.00	30.60	5.07	1.21	0.00
28.05	5.07	1.21	0.00	30.65	5.07	1.21	0.00
28.10	5.07	1.21	0.00	30.70	5.07	1.21	0.00
28.15	5.07	1.21	0.00	30.75	5.07	1.21	0.00
28.20	5.07	1.21	0.00	30.80	5.07	1.21	0.00
28.25	5.07	1.21	0.00	30.85	5.07	1.21	0.00
28.30	5.07	1.21	0.00	30.90	5.07	1.21	0.00
28.35	5.07	1.21	0.00	30.95	5.07	1.21	0.00
28.40	5.07	1.21	0.00	31.00	5.07	1.21	0.00
28.45	5.07	1.21	0.00	31.05	5.07	1.21	0.00
28.50	5.07	1.21	0.00	31.10	5.07	1.21	0.00
28.55	5.07	1.21	0.00	31.15	5.07	1.21	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	1.21	0.00	33.80	5.07	1.21	0.00
31.25	5.07	1.21	0.00	33.85	5.07	1.21	0.00
31.30	5.07	1.21	0.00	33.90	5.07	1.21	0.00
31.35	5.07	1.21	0.00	33.95	5.07	1.21	0.00
31.40	5.07	1.21	0.00	34.00	5.07	1.21	0.00
31.45	5.07	1.21	0.00	34.05	5.07	1.21	0.00
31.50	5.07	1.21	0.00	34.10	5.07	1.21	0.00
31.55	5.07	1.21	0.00	34.15	5.07	1.21	0.00
31.60	5.07	1.21	0.00	34.20	5.07	1.21	0.00
31.65	5.07	1.21	0.00	34.25	5.07	1.21	0.00
31.70	5.07	1.21	0.00	34.30	5.07	1.21	0.00
31.75	5.07	1.21	0.00	34.35	5.07	1.21	0.00
31.80	5.07	1.21	0.00	34.40	5.07	1.21	0.00
31.85	5.07	1.21	0.00	34.45	5.07	1.21	0.00
31.90	5.07	1.21	0.00	34.50	5.07	1.21	0.00
31.95	5.07	1.21	0.00	34.55	5.07	1.21	0.00
32.00	5.07	1.21	0.00	34.60	5.07	1.21	0.00
32.05	5.07	1.21	0.00	34.65	5.07	1.21	0.00
32.10	5.07	1.21	0.00	34.70	5.07	1.21	0.00
32.15	5.07	1.21	0.00	34.75	5.07	1.21	0.00
32.20	5.07	1.21	0.00	34.80	5.07	1.21	0.00
32.25	5.07	1.21	0.00	34.85	5.07	1.21	0.00
32.30	5.07	1.21	0.00	34.90	5.07	1.21	0.00
32.35	5.07	1.21	0.00	34.95	5.07	1.21	0.00
32.40	5.07	1.21	0.00	35.00	5.07	1.21	0.00
32.45	5.07	1.21	0.00	35.05	5.07	1.21	0.00
32.50	5.07	1.21	0.00	35.10	5.07	1.21	0.00
32.55	5.07	1.21	0.00	35.15	5.07	1.21	0.00
32.60	5.07	1.21	0.00	35.20	5.07	1.21	0.00
32.65	5.07	1.21	0.00	35.25	5.07	1.21	0.00
32.70	5.07	1.21	0.00	35.30	5.07	1.21	0.00
32.75	5.07	1.21	0.00	35.35	5.07	1.21	0.00
32.80	5.07	1.21	0.00	35.40	5.07	1.21	0.00
32.85	5.07	1.21	0.00	35.45	5.07	1.21	0.00
32.90	5.07	1.21	0.00	35.50	5.07	1.21	0.00
32.95	5.07	1.21	0.00	35.55	5.07	1.21	0.00
33.00	5.07	1.21	0.00	35.60	5.07	1.21	0.00
33.05	5.07	1.21	0.00	35.65	5.07	1.21	0.00
33.10	5.07	1.21	0.00	35.70	5.07	1.21	0.00
33.15	5.07	1.21	0.00	35.75	5.07	1.21	0.00
33.20	5.07	1.21	0.00	35.80	5.07	1.21	0.00
33.25	5.07	1.21	0.00	35.85	5.07	1.21	0.00
33.30	5.07	1.21	0.00	35.90	5.07	1.21	0.00
33.35	5.07	1.21	0.00	35.95	5.07	1.21	0.00
33.40	5.07	1.21	0.00	36.00	5.07	1.21	0.00
33.45	5.07	1.21	0.00	36.05	5.07	1.21	0.00
33.50	5.07	1.21	0.00	36.10	5.07	1.21	0.00
33.55	5.07	1.21	0.00	36.15	5.07	1.21	0.00
33.60	5.07	1.21	0.00	36.20	5.07	1.21	0.00
33.65	5.07	1.21	0.00	36.25	5.07	1.21	0.00
33.70	5.07	1.21	0.00	36.30	5.07	1.21	0.00
33.75	5.07	1.21	0.00	36.35	5.07	1.21	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	1.21	0.00	39.00	5.07	1.21	0.00
36.45	5.07	1.21	0.00	39.05	5.07	1.21	0.00
36.50	5.07	1.21	0.00	39.10	5.07	1.21	0.00
36.55	5.07	1.21	0.00	39.15	5.07	1.21	0.00
36.60	5.07	1.21	0.00	39.20	5.07	1.21	0.00
36.65	5.07	1.21	0.00	39.25	5.07	1.21	0.00
36.70	5.07	1.21	0.00	39.30	5.07	1.21	0.00
36.75	5.07	1.21	0.00	39.35	5.07	1.21	0.00
36.80	5.07	1.21	0.00	39.40	5.07	1.21	0.00
36.85	5.07	1.21	0.00	39.45	5.07	1.21	0.00
36.90	5.07	1.21	0.00	39.50	5.07	1.21	0.00
36.95	5.07	1.21	0.00	39.55	5.07	1.21	0.00
37.00	5.07	1.21	0.00	39.60	5.07	1.21	0.00
37.05	5.07	1.21	0.00	39.65	5.07	1.21	0.00
37.10	5.07	1.21	0.00	39.70	5.07	1.21	0.00
37.15	5.07	1.21	0.00	39.75	5.07	1.21	0.00
37.20	5.07	1.21	0.00	39.80	5.07	1.21	0.00
37.25	5.07	1.21	0.00	39.85	5.07	1.21	0.00
37.30	5.07	1.21	0.00	39.90	5.07	1.21	0.00
37.35	5.07	1.21	0.00	39.95	5.07	1.21	0.00
37.40	5.07	1.21	0.00	40.00	5.07	1.21	0.00
37.45	5.07	1.21	0.00				
37.50	5.07	1.21	0.00				
37.55	5.07	1.21	0.00				
37.60	5.07	1.21	0.00				
37.65	5.07	1.21	0.00				
37.70	5.07	1.21	0.00				
37.75	5.07	1.21	0.00				
37.80	5.07	1.21	0.00				
37.85	5.07	1.21	0.00				
37.90	5.07	1.21	0.00				
37.95	5.07	1.21	0.00				
38.00	5.07	1.21	0.00				
38.05	5.07	1.21	0.00				
38.10	5.07	1.21	0.00				
38.15	5.07	1.21	0.00				
38.20	5.07	1.21	0.00				
38.25	5.07	1.21	0.00				
38.30	5.07	1.21	0.00				
38.35	5.07	1.21	0.00				
38.40	5.07	1.21	0.00				
38.45	5.07	1.21	0.00				
38.50	5.07	1.21	0.00				
38.55	5.07	1.21	0.00				
38.60	5.07	1.21	0.00				
38.65	5.07	1.21	0.00				
38.70	5.07	1.21	0.00				
38.75	5.07	1.21	0.00				
38.80	5.07	1.21	0.00				
38.85	5.07	1.21	0.00				
38.90	5.07	1.21	0.00				
38.95	5.07	1.21	0.00				

Summary for Pond B-41: Basin #41

Inflow Area = 2.368 ac, 29.05% Impervious, Inflow Depth = 3.12" for Current 10 yr event
 Inflow = 9.60 cfs @ 12.08 hrs, Volume= 0.616 af
 Outflow = 3.40 cfs @ 12.23 hrs, Volume= 0.547 af, Atten= 65%, Lag= 9.0 min
 Primary = 3.40 cfs @ 12.23 hrs, Volume= 0.547 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.67' @ 12.23 hrs Surf.Area= 5,683 sf Storage= 9,516 cf

Plug-Flow detention time= 131.8 min calculated for 0.546 af (89% of inflow)
 Center-of-Mass det. time= 76.1 min (871.7 - 795.6)

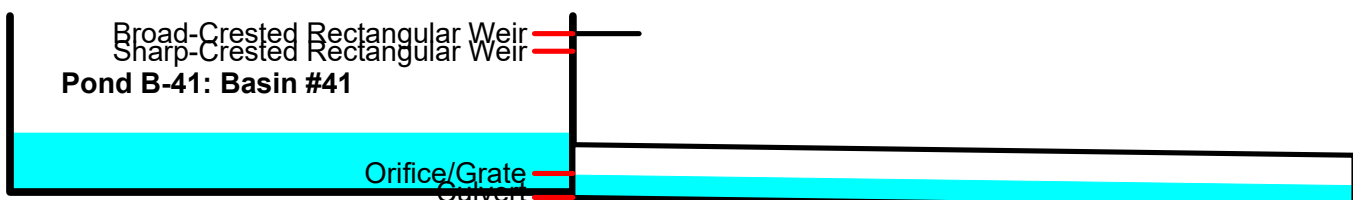
Volume	Invert	Avail.Storage	Storage Description
#1	182.00'	28,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
182.00	5,683	0	0
183.00	5,683	5,683	5,683
184.00	5,683	5,683	11,366
185.00	5,683	5,683	17,049
186.00	5,683	5,683	22,732
187.00	5,683	5,683	28,415

Device	Routing	Invert	Outlet Devices
#1	Primary	181.85'	18.0" Round Culvert L= 59.0' Ke= 0.500 Inlet / Outlet Invert= 181.85' / 181.55' S= 0.0051 ' S Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	182.53'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

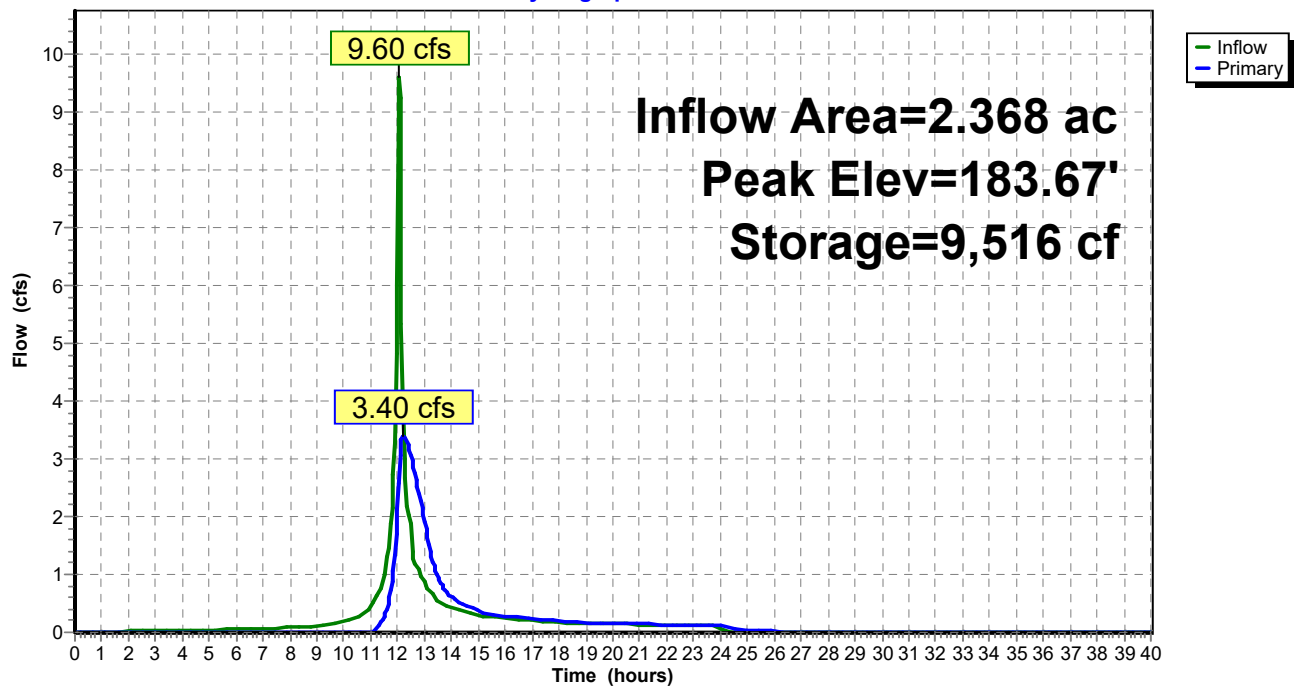
Primary OutFlow Max=3.40 cfs @ 12.23 hrs HW=183.67' (Free Discharge)

1=Culvert (Passes 3.40 cfs of 7.67 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 3.40 cfs @ 4.53 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-41: Basin #41

Hydrograph



Hydrograph for Pond B-41: Basin #41

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	182.00	0.00
0.10	0.00	0	182.00	0.00
0.20	0.00	0	182.00	0.00
0.30	0.00	0	182.00	0.00
0.40	0.00	0	182.00	0.00
0.50	0.00	0	182.00	0.00
0.60	0.00	0	182.00	0.00
0.70	0.00	0	182.00	0.00
0.80	0.00	0	182.00	0.00
0.90	0.00	0	182.00	0.00
1.00	0.00	1	182.00	0.00
1.10	0.01	3	182.00	0.00
1.20	0.01	6	182.00	0.00
1.30	0.01	9	182.00	0.00
1.40	0.01	12	182.00	0.00
1.50	0.01	16	182.00	0.00
1.60	0.01	21	182.00	0.00
1.70	0.02	26	182.00	0.00
1.80	0.02	32	182.01	0.00
1.90	0.02	38	182.01	0.00
2.00	0.02	45	182.01	0.00
2.10	0.02	52	182.01	0.00
2.20	0.02	59	182.01	0.00
2.30	0.02	67	182.01	0.00
2.40	0.02	75	182.01	0.00
2.50	0.02	84	182.01	0.00
2.60	0.03	93	182.02	0.00
2.70	0.03	102	182.02	0.00
2.80	0.03	112	182.02	0.00
2.90	0.03	122	182.02	0.00
3.00	0.03	132	182.02	0.00
3.10	0.03	143	182.03	0.00
3.20	0.03	154	182.03	0.00
3.30	0.03	165	182.03	0.00
3.40	0.03	177	182.03	0.00
3.50	0.03	189	182.03	0.00
3.60	0.03	201	182.04	0.00
3.70	0.03	214	182.04	0.00
3.80	0.04	226	182.04	0.00
3.90	0.04	239	182.04	0.00
4.00	0.04	252	182.04	0.00
4.10	0.04	266	182.05	0.00
4.20	0.04	280	182.05	0.00
4.30	0.04	294	182.05	0.00
4.40	0.04	308	182.05	0.00
4.50	0.04	322	182.06	0.00
4.60	0.04	337	182.06	0.00
4.70	0.04	352	182.06	0.00
4.80	0.04	367	182.06	0.00
4.90	0.04	382	182.07	0.00
5.00	0.04	398	182.07	0.00
5.10	0.04	414	182.07	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	430	182.08	0.00
5.30	0.05	446	182.08	0.00
5.40	0.05	462	182.08	0.00
5.50	0.05	479	182.08	0.00
5.60	0.05	496	182.09	0.00
5.70	0.05	513	182.09	0.00
5.80	0.05	530	182.09	0.00
5.90	0.05	547	182.10	0.00
6.00	0.05	565	182.10	0.00
6.10	0.05	583	182.10	0.00
6.20	0.05	601	182.11	0.00
6.30	0.05	620	182.11	0.00
6.40	0.05	639	182.11	0.00
6.50	0.06	659	182.12	0.00
6.60	0.06	680	182.12	0.00
6.70	0.06	701	182.12	0.00
6.80	0.06	722	182.13	0.00
6.90	0.06	744	182.13	0.00
7.00	0.06	767	182.13	0.00
7.10	0.07	790	182.14	0.00
7.20	0.07	814	182.14	0.00
7.30	0.07	838	182.15	0.00
7.40	0.07	863	182.15	0.00
7.50	0.07	888	182.16	0.00
7.60	0.07	914	182.16	0.00
7.70	0.07	940	182.17	0.00
7.80	0.08	967	182.17	0.00
7.90	0.08	994	182.17	0.00
8.00	0.08	1,022	182.18	0.00
8.10	0.08	1,051	182.18	0.00
8.20	0.08	1,080	182.19	0.00
8.30	0.08	1,110	182.20	0.00
8.40	0.08	1,140	182.20	0.00
8.50	0.09	1,170	182.21	0.00
8.60	0.09	1,201	182.21	0.00
8.70	0.09	1,233	182.22	0.00
8.80	0.09	1,265	182.22	0.00
8.90	0.09	1,299	182.23	0.00
9.00	0.10	1,334	182.23	0.00
9.10	0.11	1,370	182.24	0.00
9.20	0.11	1,409	182.25	0.00
9.30	0.12	1,452	182.26	0.00
9.40	0.13	1,497	182.26	0.00
9.50	0.14	1,545	182.27	0.00
9.60	0.15	1,597	182.28	0.00
9.70	0.16	1,652	182.29	0.00
9.80	0.17	1,710	182.30	0.00
9.90	0.18	1,772	182.31	0.00
10.00	0.19	1,837	182.32	0.00
10.10	0.20	1,907	182.34	0.00
10.20	0.21	1,980	182.35	0.00
10.30	0.22	2,058	182.36	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.23	2,140	182.38	0.00
10.50	0.25	2,226	182.39	0.00
10.60	0.28	2,321	182.41	0.00
10.70	0.31	2,428	182.43	0.00
10.80	0.35	2,549	182.45	0.00
10.90	0.39	2,683	182.47	0.00
11.00	0.44	2,832	182.50	0.00
11.10	0.51	3,003	182.53	0.00
11.20	0.58	3,195	182.56	0.03
11.30	0.66	3,399	182.60	0.09
11.40	0.75	3,610	182.64	0.17
11.50	0.86	3,821	182.67	0.26
11.60	1.30	4,103	182.72	0.41
11.70	1.51	4,427	182.78	0.60
11.80	2.14	4,829	182.85	0.87
11.90	3.26	5,415	182.95	1.32
12.00	6.01	6,497	183.14	2.13
12.10	9.25	8,529	183.50	3.05
12.20	3.90	9,497	183.67	3.40
12.30	2.67	9,408	183.66	3.37
12.40	2.02	9,032	183.59	3.24
12.50	1.83	8,592	183.51	3.07
12.60	1.27	8,053	183.42	2.86
12.70	1.16	7,499	183.32	2.63
12.80	1.07	6,993	183.23	2.39
12.90	0.97	6,538	183.15	2.15
13.00	0.86	6,134	183.08	1.90
13.10	0.77	5,785	183.02	1.64
13.20	0.71	5,505	182.97	1.40
13.30	0.66	5,280	182.93	1.22
13.40	0.60	5,095	182.90	1.07
13.50	0.55	4,937	182.87	0.95
13.60	0.50	4,800	182.84	0.85
13.70	0.48	4,684	182.82	0.77
13.80	0.47	4,589	182.81	0.71
13.90	0.45	4,511	182.79	0.65
14.00	0.44	4,444	182.78	0.61
14.10	0.43	4,386	182.77	0.57
14.20	0.41	4,335	182.76	0.54
14.30	0.40	4,290	182.75	0.51
14.40	0.38	4,249	182.75	0.49
14.50	0.37	4,211	182.74	0.47
14.60	0.35	4,176	182.73	0.45
14.70	0.34	4,142	182.73	0.43
14.80	0.32	4,109	182.72	0.41
14.90	0.31	4,078	182.72	0.39
15.00	0.29	4,048	182.71	0.38
15.10	0.28	4,018	182.71	0.36
15.20	0.28	3,992	182.70	0.35
15.30	0.27	3,968	182.70	0.33
15.40	0.27	3,948	182.69	0.32
15.50	0.27	3,930	182.69	0.31

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	3,913	182.69	0.31
15.70	0.26	3,897	182.69	0.30
15.80	0.25	3,883	182.68	0.29
15.90	0.25	3,870	182.68	0.29
16.00	0.25	3,858	182.68	0.28
16.10	0.24	3,846	182.68	0.27
16.20	0.24	3,835	182.67	0.27
16.30	0.23	3,825	182.67	0.26
16.40	0.23	3,814	182.67	0.26
16.50	0.23	3,804	182.67	0.25
16.60	0.22	3,795	182.67	0.25
16.70	0.22	3,786	182.67	0.24
16.80	0.21	3,777	182.66	0.24
16.90	0.21	3,768	182.66	0.24
17.00	0.21	3,759	182.66	0.23
17.10	0.20	3,750	182.66	0.23
17.20	0.20	3,742	182.66	0.22
17.30	0.20	3,733	182.66	0.22
17.40	0.19	3,724	182.66	0.21
17.50	0.19	3,716	182.65	0.21
17.60	0.18	3,708	182.65	0.21
17.70	0.18	3,699	182.65	0.20
17.80	0.18	3,691	182.65	0.20
17.90	0.17	3,682	182.65	0.20
18.00	0.17	3,674	182.65	0.19
18.10	0.16	3,665	182.64	0.19
18.20	0.16	3,656	182.64	0.19
18.30	0.16	3,649	182.64	0.18
18.40	0.16	3,642	182.64	0.18
18.50	0.16	3,635	182.64	0.18
18.60	0.16	3,630	182.64	0.17
18.70	0.16	3,624	182.64	0.17
18.80	0.16	3,619	182.64	0.17
18.90	0.16	3,614	182.64	0.17
19.00	0.16	3,610	182.64	0.17
19.10	0.15	3,606	182.63	0.17
19.20	0.15	3,602	182.63	0.16
19.30	0.15	3,598	182.63	0.16
19.40	0.15	3,595	182.63	0.16
19.50	0.15	3,591	182.63	0.16
19.60	0.15	3,588	182.63	0.16
19.70	0.15	3,585	182.63	0.16
19.80	0.15	3,582	182.63	0.16
19.90	0.15	3,579	182.63	0.16
20.00	0.15	3,576	182.63	0.15
20.10	0.14	3,573	182.63	0.15
20.20	0.14	3,570	182.63	0.15
20.30	0.14	3,567	182.63	0.15
20.40	0.14	3,564	182.63	0.15
20.50	0.14	3,562	182.63	0.15
20.60	0.14	3,559	182.63	0.15
20.70	0.14	3,557	182.63	0.15

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	3,554	182.63	0.15
20.90	0.14	3,551	182.62	0.14
21.00	0.14	3,548	182.62	0.14
21.10	0.14	3,546	182.62	0.14
21.20	0.13	3,543	182.62	0.14
21.30	0.13	3,541	182.62	0.14
21.40	0.13	3,538	182.62	0.14
21.50	0.13	3,536	182.62	0.14
21.60	0.13	3,533	182.62	0.14
21.70	0.13	3,530	182.62	0.14
21.80	0.13	3,528	182.62	0.14
21.90	0.13	3,525	182.62	0.13
22.00	0.13	3,523	182.62	0.13
22.10	0.13	3,520	182.62	0.13
22.20	0.12	3,518	182.62	0.13
22.30	0.12	3,515	182.62	0.13
22.40	0.12	3,513	182.62	0.13
22.50	0.12	3,510	182.62	0.13
22.60	0.12	3,508	182.62	0.13
22.70	0.12	3,505	182.62	0.13
22.80	0.12	3,502	182.62	0.13
22.90	0.12	3,500	182.62	0.12
23.00	0.12	3,497	182.62	0.12
23.10	0.12	3,495	182.61	0.12
23.20	0.11	3,492	182.61	0.12
23.30	0.11	3,489	182.61	0.12
23.40	0.11	3,487	182.61	0.12
23.50	0.11	3,484	182.61	0.12
23.60	0.11	3,482	182.61	0.12
23.70	0.11	3,479	182.61	0.12
23.80	0.11	3,477	182.61	0.12
23.90	0.11	3,474	182.61	0.11
24.00	0.11	3,476	182.61	0.12
24.10	0.01	3,452	182.61	0.11
24.20	0.00	3,417	182.60	0.09
24.30	0.00	3,386	182.60	0.08
24.40	0.00	3,357	182.59	0.08
24.50	0.00	3,332	182.59	0.07
24.60	0.00	3,308	182.58	0.06
24.70	0.00	3,287	182.58	0.06
24.80	0.00	3,267	182.57	0.05
24.90	0.00	3,250	182.57	0.05
25.00	0.00	3,234	182.57	0.04
25.10	0.00	3,219	182.57	0.04
25.20	0.00	3,206	182.56	0.03
25.30	0.00	3,194	182.56	0.03
25.40	0.00	3,183	182.56	0.03
25.50	0.00	3,173	182.56	0.03
25.60	0.00	3,164	182.56	0.02
25.70	0.00	3,156	182.56	0.02
25.80	0.00	3,149	182.55	0.02
25.90	0.00	3,142	182.55	0.02

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,136	182.55	0.02
26.10	0.00	3,130	182.55	0.01
26.20	0.00	3,125	182.55	0.01
26.30	0.00	3,120	182.55	0.01
26.40	0.00	3,116	182.55	0.01
26.50	0.00	3,111	182.55	0.01
26.60	0.00	3,107	182.55	0.01
26.70	0.00	3,103	182.55	0.01
26.80	0.00	3,099	182.55	0.01
26.90	0.00	3,095	182.54	0.01
27.00	0.00	3,092	182.54	0.01
27.10	0.00	3,089	182.54	0.01
27.20	0.00	3,085	182.54	0.01
27.30	0.00	3,082	182.54	0.01
27.40	0.00	3,079	182.54	0.01
27.50	0.00	3,076	182.54	0.01
27.60	0.00	3,074	182.54	0.01
27.70	0.00	3,071	182.54	0.01
27.80	0.00	3,069	182.54	0.01
27.90	0.00	3,066	182.54	0.01
28.00	0.00	3,064	182.54	0.01
28.10	0.00	3,062	182.54	0.01
28.20	0.00	3,060	182.54	0.01
28.30	0.00	3,058	182.54	0.01
28.40	0.00	3,056	182.54	0.01
28.50	0.00	3,054	182.54	0.01
28.60	0.00	3,052	182.54	0.00
28.70	0.00	3,050	182.54	0.00
28.80	0.00	3,049	182.54	0.00
28.90	0.00	3,047	182.54	0.00
29.00	0.00	3,046	182.54	0.00
29.10	0.00	3,044	182.54	0.00
29.20	0.00	3,043	182.54	0.00
29.30	0.00	3,042	182.54	0.00
29.40	0.00	3,040	182.53	0.00
29.50	0.00	3,039	182.53	0.00
29.60	0.00	3,038	182.53	0.00
29.70	0.00	3,037	182.53	0.00
29.80	0.00	3,036	182.53	0.00
29.90	0.00	3,035	182.53	0.00
30.00	0.00	3,034	182.53	0.00
30.10	0.00	3,033	182.53	0.00
30.20	0.00	3,032	182.53	0.00
30.30	0.00	3,031	182.53	0.00
30.40	0.00	3,030	182.53	0.00
30.50	0.00	3,030	182.53	0.00
30.60	0.00	3,029	182.53	0.00
30.70	0.00	3,028	182.53	0.00
30.80	0.00	3,028	182.53	0.00
30.90	0.00	3,027	182.53	0.00
31.00	0.00	3,026	182.53	0.00
31.10	0.00	3,026	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,025	182.53	0.00
31.30	0.00	3,025	182.53	0.00
31.40	0.00	3,024	182.53	0.00
31.50	0.00	3,023	182.53	0.00
31.60	0.00	3,023	182.53	0.00
31.70	0.00	3,023	182.53	0.00
31.80	0.00	3,022	182.53	0.00
31.90	0.00	3,022	182.53	0.00
32.00	0.00	3,021	182.53	0.00
32.10	0.00	3,021	182.53	0.00
32.20	0.00	3,020	182.53	0.00
32.30	0.00	3,020	182.53	0.00
32.40	0.00	3,020	182.53	0.00
32.50	0.00	3,019	182.53	0.00
32.60	0.00	3,019	182.53	0.00
32.70	0.00	3,019	182.53	0.00
32.80	0.00	3,019	182.53	0.00
32.90	0.00	3,018	182.53	0.00
33.00	0.00	3,018	182.53	0.00
33.10	0.00	3,018	182.53	0.00
33.20	0.00	3,018	182.53	0.00
33.30	0.00	3,017	182.53	0.00
33.40	0.00	3,017	182.53	0.00
33.50	0.00	3,017	182.53	0.00
33.60	0.00	3,017	182.53	0.00
33.70	0.00	3,016	182.53	0.00
33.80	0.00	3,016	182.53	0.00
33.90	0.00	3,016	182.53	0.00
34.00	0.00	3,016	182.53	0.00
34.10	0.00	3,016	182.53	0.00
34.20	0.00	3,016	182.53	0.00
34.30	0.00	3,015	182.53	0.00
34.40	0.00	3,015	182.53	0.00
34.50	0.00	3,015	182.53	0.00
34.60	0.00	3,015	182.53	0.00
34.70	0.00	3,015	182.53	0.00
34.80	0.00	3,015	182.53	0.00
34.90	0.00	3,015	182.53	0.00
35.00	0.00	3,015	182.53	0.00
35.10	0.00	3,014	182.53	0.00
35.20	0.00	3,014	182.53	0.00
35.30	0.00	3,014	182.53	0.00
35.40	0.00	3,014	182.53	0.00
35.50	0.00	3,014	182.53	0.00
35.60	0.00	3,014	182.53	0.00
35.70	0.00	3,014	182.53	0.00
35.80	0.00	3,014	182.53	0.00
35.90	0.00	3,014	182.53	0.00
36.00	0.00	3,014	182.53	0.00
36.10	0.00	3,014	182.53	0.00
36.20	0.00	3,014	182.53	0.00
36.30	0.00	3,013	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,013	182.53	0.00
36.50	0.00	3,013	182.53	0.00
36.60	0.00	3,013	182.53	0.00
36.70	0.00	3,013	182.53	0.00
36.80	0.00	3,013	182.53	0.00
36.90	0.00	3,013	182.53	0.00
37.00	0.00	3,013	182.53	0.00
37.10	0.00	3,013	182.53	0.00
37.20	0.00	3,013	182.53	0.00
37.30	0.00	3,013	182.53	0.00
37.40	0.00	3,013	182.53	0.00
37.50	0.00	3,013	182.53	0.00
37.60	0.00	3,013	182.53	0.00
37.70	0.00	3,013	182.53	0.00
37.80	0.00	3,013	182.53	0.00
37.90	0.00	3,013	182.53	0.00
38.00	0.00	3,013	182.53	0.00
38.10	0.00	3,013	182.53	0.00
38.20	0.00	3,013	182.53	0.00
38.30	0.00	3,013	182.53	0.00
38.40	0.00	3,013	182.53	0.00
38.50	0.00	3,013	182.53	0.00
38.60	0.00	3,013	182.53	0.00
38.70	0.00	3,013	182.53	0.00
38.80	0.00	3,012	182.53	0.00
38.90	0.00	3,012	182.53	0.00
39.00	0.00	3,012	182.53	0.00
39.10	0.00	3,012	182.53	0.00
39.20	0.00	3,012	182.53	0.00
39.30	0.00	3,012	182.53	0.00
39.40	0.00	3,012	182.53	0.00
39.50	0.00	3,012	182.53	0.00
39.60	0.00	3,012	182.53	0.00
39.70	0.00	3,012	182.53	0.00
39.80	0.00	3,012	182.53	0.00
39.90	0.00	3,012	182.53	0.00
40.00	0.00	3,012	182.53	0.00

Stage-Discharge for Pond B-41: Basin #41

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.00	0.00	182.52	0.00	183.04	1.75	183.56	3.18
182.01	0.00	182.53	0.00	183.05	1.79	183.57	3.20
182.02	0.00	182.54	0.00	183.06	1.83	183.58	3.22
182.03	0.00	182.55	0.01	183.07	1.87	183.59	3.24
182.04	0.00	182.56	0.03	183.08	1.91	183.60	3.26
182.05	0.00	182.57	0.04	183.09	1.95	183.61	3.28
182.06	0.00	182.58	0.05	183.10	1.98	183.62	3.30
182.07	0.00	182.59	0.07	183.11	2.02	183.63	3.32
182.08	0.00	182.60	0.09	183.12	2.05	183.64	3.34
182.09	0.00	182.61	0.11	183.13	2.09	183.65	3.36
182.10	0.00	182.62	0.13	183.14	2.12	183.66	3.38
182.11	0.00	182.63	0.15	183.15	2.15	183.67	3.40
182.12	0.00	182.64	0.18	183.16	2.18	183.68	3.41
182.13	0.00	182.65	0.20	183.17	2.21	183.69	3.43
182.14	0.00	182.66	0.23	183.18	2.24	183.70	3.45
182.15	0.00	182.67	0.25	183.19	2.27	183.71	3.47
182.16	0.00	182.68	0.28	183.20	2.30	183.72	3.49
182.17	0.00	182.69	0.31	183.21	2.33	183.73	3.51
182.18	0.00	182.70	0.34	183.22	2.36	183.74	3.53
182.19	0.00	182.71	0.37	183.23	2.39	183.75	3.55
182.20	0.00	182.72	0.40	183.24	2.42	183.76	3.57
182.21	0.00	182.73	0.43	183.25	2.44	183.77	3.58
182.22	0.00	182.74	0.46	183.26	2.47	183.78	3.60
182.23	0.00	182.75	0.50	183.27	2.50	183.79	3.62
182.24	0.00	182.76	0.53	183.28	2.53	183.80	3.64
182.25	0.00	182.77	0.57	183.29	2.55	183.81	3.66
182.26	0.00	182.78	0.60	183.30	2.58	183.82	3.67
182.27	0.00	182.79	0.64	183.31	2.60	183.83	3.69
182.28	0.00	182.80	0.68	183.32	2.63	183.84	3.71
182.29	0.00	182.81	0.71	183.33	2.65	183.85	3.73
182.30	0.00	182.82	0.75	183.34	2.68	183.86	3.74
182.31	0.00	182.83	0.79	183.35	2.70	183.87	3.76
182.32	0.00	182.84	0.83	183.36	2.73	183.88	3.78
182.33	0.00	182.85	0.87	183.37	2.75	183.89	3.80
182.34	0.00	182.86	0.91	183.38	2.78	183.90	3.81
182.35	0.00	182.87	0.95	183.39	2.80	183.91	3.83
182.36	0.00	182.88	1.00	183.40	2.82	183.92	3.85
182.37	0.00	182.89	1.04	183.41	2.85	183.93	3.86
182.38	0.00	182.90	1.08	183.42	2.87	183.94	3.88
182.39	0.00	182.91	1.13	183.43	2.89	183.95	3.90
182.40	0.00	182.92	1.17	183.44	2.92	183.96	3.92
182.41	0.00	182.93	1.22	183.45	2.94	183.97	3.93
182.42	0.00	182.94	1.26	183.46	2.96	183.98	3.95
182.43	0.00	182.95	1.31	183.47	2.98	183.99	3.97
182.44	0.00	182.96	1.36	183.48	3.00	184.00	3.98
182.45	0.00	182.97	1.41	183.49	3.03	184.01	4.00
182.46	0.00	182.98	1.45	183.50	3.05	184.02	4.01
182.47	0.00	182.99	1.50	183.51	3.07	184.03	4.03
182.48	0.00	183.00	1.55	183.52	3.09	184.04	4.05
182.49	0.00	183.01	1.60	183.53	3.11	184.05	4.06
182.50	0.00	183.02	1.65	183.54	3.13	184.06	4.08
182.51	0.00	183.03	1.70	183.55	3.15	184.07	4.10

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.08	4.11	184.60	4.87	185.12	5.52	185.64	6.11
184.09	4.13	184.61	4.88	185.13	5.53	185.65	6.12
184.10	4.14	184.62	4.89	185.14	5.55	185.66	6.13
184.11	4.16	184.63	4.91	185.15	5.56	185.67	6.14
184.12	4.17	184.64	4.92	185.16	5.57	185.68	6.15
184.13	4.19	184.65	4.93	185.17	5.58	185.69	6.16
184.14	4.21	184.66	4.95	185.18	5.59	185.70	6.17
184.15	4.22	184.67	4.96	185.19	5.60	185.71	6.18
184.16	4.24	184.68	4.97	185.20	5.62	185.72	6.19
184.17	4.25	184.69	4.99	185.21	5.63	185.73	6.20
184.18	4.27	184.70	5.00	185.22	5.64	185.74	6.21
184.19	4.28	184.71	5.01	185.23	5.65	185.75	6.22
184.20	4.30	184.72	5.03	185.24	5.66	185.76	6.23
184.21	4.31	184.73	5.04	185.25	5.67	185.77	6.24
184.22	4.33	184.74	5.05	185.26	5.68	185.78	6.25
184.23	4.34	184.75	5.07	185.27	5.70	185.79	6.26
184.24	4.36	184.76	5.08	185.28	5.71	185.80	6.27
184.25	4.37	184.77	5.09	185.29	5.72	185.81	6.28
184.26	4.39	184.78	5.10	185.30	5.73	185.82	6.29
184.27	4.40	184.79	5.12	185.31	5.74	185.83	6.30
184.28	4.42	184.80	5.13	185.32	5.75	185.84	6.32
184.29	4.43	184.81	5.14	185.33	5.76	185.85	6.33
184.30	4.45	184.82	5.15	185.34	5.78	185.86	6.34
184.31	4.46	184.83	5.17	185.35	5.79	185.87	6.35
184.32	4.48	184.84	5.18	185.36	5.80	185.88	6.36
184.33	4.49	184.85	5.19	185.37	5.81	185.89	6.37
184.34	4.51	184.86	5.21	185.38	5.82	185.90	6.38
184.35	4.52	184.87	5.22	185.39	5.83	185.91	6.39
184.36	4.53	184.88	5.23	185.40	5.84	185.92	6.40
184.37	4.55	184.89	5.24	185.41	5.85	185.93	6.41
184.38	4.56	184.90	5.25	185.42	5.87	185.94	6.42
184.39	4.58	184.91	5.27	185.43	5.88	185.95	6.43
184.40	4.59	184.92	5.28	185.44	5.89	185.96	6.44
184.41	4.61	184.93	5.29	185.45	5.90	185.97	6.45
184.42	4.62	184.94	5.30	185.46	5.91	185.98	6.46
184.43	4.63	184.95	5.32	185.47	5.92	185.99	6.47
184.44	4.65	184.96	5.33	185.48	5.93	186.00	6.48
184.45	4.66	184.97	5.34	185.49	5.94	186.01	6.50
184.46	4.68	184.98	5.35	185.50	5.95	186.02	6.54
184.47	4.69	184.99	5.37	185.51	5.96	186.03	6.58
184.48	4.70	185.00	5.38	185.52	5.98	186.04	6.62
184.49	4.72	185.01	5.39	185.53	5.99	186.05	6.67
184.50	4.73	185.02	5.40	185.54	6.00	186.06	6.73
184.51	4.75	185.03	5.41	185.55	6.01	186.07	6.79
184.52	4.76	185.04	5.43	185.56	6.02	186.08	6.85
184.53	4.77	185.05	5.44	185.57	6.03	186.09	6.92
184.54	4.79	185.06	5.45	185.58	6.04	186.10	6.99
184.55	4.80	185.07	5.46	185.59	6.05	186.11	7.06
184.56	4.81	185.08	5.47	185.60	6.06	186.12	7.14
184.57	4.83	185.09	5.49	185.61	6.07	186.13	7.22
184.58	4.84	185.10	5.50	185.62	6.08	186.14	7.30
184.59	4.85	185.11	5.51	185.63	6.09	186.15	7.38

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.16	7.47	186.68	23.23
186.17	7.56	186.69	24.16
186.18	7.65	186.70	25.11
186.19	7.74	186.71	26.12
186.20	7.84	186.72	27.15
186.21	7.93	186.73	28.22
186.22	8.03	186.74	29.31
186.23	8.13	186.75	30.42
186.24	8.24	186.76	31.57
186.25	8.34	186.77	32.74
186.26	8.45	186.78	33.93
186.27	8.56	186.79	35.15
186.28	8.67	186.80	36.39
186.29	8.78	186.81	37.66
186.30	8.89	186.82	38.96
186.31	9.01	186.83	40.28
186.32	9.12	186.84	41.62
186.33	9.24	186.85	43.00
186.34	9.36	186.86	44.35
186.35	9.48	186.87	45.62
186.36	9.61	186.88	46.91
186.37	9.73	186.89	48.22
186.38	9.86	186.90	49.56
186.39	9.98	186.91	50.95
186.40	10.11	186.92	52.36
186.41	10.24	186.93	53.80
186.42	10.37	186.94	55.27
186.43	10.51	186.95	56.76
186.44	10.64	186.96	58.28
186.45	10.78	186.97	59.82
186.46	10.91	186.98	61.39
186.47	11.05	186.99	62.99
186.48	11.19	187.00	64.62
186.49	11.33		
186.50	11.47		
186.51	11.73		
186.52	12.09		
186.53	12.51		
186.54	12.99		
186.55	13.51		
186.56	14.07		
186.57	14.67		
186.58	15.31		
186.59	15.97		
186.60	16.67		
186.61	17.40		
186.62	18.15		
186.63	18.94		
186.64	19.75		
186.65	20.58		
186.66	21.44		
186.67	22.32		

Stage-Area-Storage for Pond B-41: Basin #41

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.00	5,683	0	182.52	5,683	2,955
182.01	5,683	57	182.53	5,683	3,012
182.02	5,683	114	182.54	5,683	3,069
182.03	5,683	170	182.55	5,683	3,126
182.04	5,683	227	182.56	5,683	3,182
182.05	5,683	284	182.57	5,683	3,239
182.06	5,683	341	182.58	5,683	3,296
182.07	5,683	398	182.59	5,683	3,353
182.08	5,683	455	182.60	5,683	3,410
182.09	5,683	511	182.61	5,683	3,467
182.10	5,683	568	182.62	5,683	3,523
182.11	5,683	625	182.63	5,683	3,580
182.12	5,683	682	182.64	5,683	3,637
182.13	5,683	739	182.65	5,683	3,694
182.14	5,683	796	182.66	5,683	3,751
182.15	5,683	852	182.67	5,683	3,808
182.16	5,683	909	182.68	5,683	3,864
182.17	5,683	966	182.69	5,683	3,921
182.18	5,683	1,023	182.70	5,683	3,978
182.19	5,683	1,080	182.71	5,683	4,035
182.20	5,683	1,137	182.72	5,683	4,092
182.21	5,683	1,193	182.73	5,683	4,149
182.22	5,683	1,250	182.74	5,683	4,205
182.23	5,683	1,307	182.75	5,683	4,262
182.24	5,683	1,364	182.76	5,683	4,319
182.25	5,683	1,421	182.77	5,683	4,376
182.26	5,683	1,478	182.78	5,683	4,433
182.27	5,683	1,534	182.79	5,683	4,490
182.28	5,683	1,591	182.80	5,683	4,546
182.29	5,683	1,648	182.81	5,683	4,603
182.30	5,683	1,705	182.82	5,683	4,660
182.31	5,683	1,762	182.83	5,683	4,717
182.32	5,683	1,819	182.84	5,683	4,774
182.33	5,683	1,875	182.85	5,683	4,831
182.34	5,683	1,932	182.86	5,683	4,887
182.35	5,683	1,989	182.87	5,683	4,944
182.36	5,683	2,046	182.88	5,683	5,001
182.37	5,683	2,103	182.89	5,683	5,058
182.38	5,683	2,160	182.90	5,683	5,115
182.39	5,683	2,216	182.91	5,683	5,172
182.40	5,683	2,273	182.92	5,683	5,228
182.41	5,683	2,330	182.93	5,683	5,285
182.42	5,683	2,387	182.94	5,683	5,342
182.43	5,683	2,444	182.95	5,683	5,399
182.44	5,683	2,501	182.96	5,683	5,456
182.45	5,683	2,557	182.97	5,683	5,513
182.46	5,683	2,614	182.98	5,683	5,569
182.47	5,683	2,671	182.99	5,683	5,626
182.48	5,683	2,728	183.00	5,683	5,683
182.49	5,683	2,785	183.01	5,683	5,740
182.50	5,683	2,842	183.02	5,683	5,797
182.51	5,683	2,898	183.03	5,683	5,853

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.04	5,683	5,910	183.56	5,683	8,865
183.05	5,683	5,967	183.57	5,683	8,922
183.06	5,683	6,024	183.58	5,683	8,979
183.07	5,683	6,081	183.59	5,683	9,036
183.08	5,683	6,138	183.60	5,683	9,093
183.09	5,683	6,194	183.61	5,683	9,150
183.10	5,683	6,251	183.62	5,683	9,206
183.11	5,683	6,308	183.63	5,683	9,263
183.12	5,683	6,365	183.64	5,683	9,320
183.13	5,683	6,422	183.65	5,683	9,377
183.14	5,683	6,479	183.66	5,683	9,434
183.15	5,683	6,535	183.67	5,683	9,491
183.16	5,683	6,592	183.68	5,683	9,547
183.17	5,683	6,649	183.69	5,683	9,604
183.18	5,683	6,706	183.70	5,683	9,661
183.19	5,683	6,763	183.71	5,683	9,718
183.20	5,683	6,820	183.72	5,683	9,775
183.21	5,683	6,876	183.73	5,683	9,832
183.22	5,683	6,933	183.74	5,683	9,888
183.23	5,683	6,990	183.75	5,683	9,945
183.24	5,683	7,047	183.76	5,683	10,002
183.25	5,683	7,104	183.77	5,683	10,059
183.26	5,683	7,161	183.78	5,683	10,116
183.27	5,683	7,217	183.79	5,683	10,173
183.28	5,683	7,274	183.80	5,683	10,229
183.29	5,683	7,331	183.81	5,683	10,286
183.30	5,683	7,388	183.82	5,683	10,343
183.31	5,683	7,445	183.83	5,683	10,400
183.32	5,683	7,502	183.84	5,683	10,457
183.33	5,683	7,558	183.85	5,683	10,514
183.34	5,683	7,615	183.86	5,683	10,570
183.35	5,683	7,672	183.87	5,683	10,627
183.36	5,683	7,729	183.88	5,683	10,684
183.37	5,683	7,786	183.89	5,683	10,741
183.38	5,683	7,843	183.90	5,683	10,798
183.39	5,683	7,899	183.91	5,683	10,855
183.40	5,683	7,956	183.92	5,683	10,911
183.41	5,683	8,013	183.93	5,683	10,968
183.42	5,683	8,070	183.94	5,683	11,025
183.43	5,683	8,127	183.95	5,683	11,082
183.44	5,683	8,184	183.96	5,683	11,139
183.45	5,683	8,240	183.97	5,683	11,196
183.46	5,683	8,297	183.98	5,683	11,252
183.47	5,683	8,354	183.99	5,683	11,309
183.48	5,683	8,411	184.00	5,683	11,366
183.49	5,683	8,468	184.01	5,683	11,423
183.50	5,683	8,525	184.02	5,683	11,480
183.51	5,683	8,581	184.03	5,683	11,536
183.52	5,683	8,638	184.04	5,683	11,593
183.53	5,683	8,695	184.05	5,683	11,650
183.54	5,683	8,752	184.06	5,683	11,707
183.55	5,683	8,809	184.07	5,683	11,764

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.08	5,683	11,821	184.60	5,683	14,776
184.09	5,683	11,877	184.61	5,683	14,833
184.10	5,683	11,934	184.62	5,683	14,889
184.11	5,683	11,991	184.63	5,683	14,946
184.12	5,683	12,048	184.64	5,683	15,003
184.13	5,683	12,105	184.65	5,683	15,060
184.14	5,683	12,162	184.66	5,683	15,117
184.15	5,683	12,218	184.67	5,683	15,174
184.16	5,683	12,275	184.68	5,683	15,230
184.17	5,683	12,332	184.69	5,683	15,287
184.18	5,683	12,389	184.70	5,683	15,344
184.19	5,683	12,446	184.71	5,683	15,401
184.20	5,683	12,503	184.72	5,683	15,458
184.21	5,683	12,559	184.73	5,683	15,515
184.22	5,683	12,616	184.74	5,683	15,571
184.23	5,683	12,673	184.75	5,683	15,628
184.24	5,683	12,730	184.76	5,683	15,685
184.25	5,683	12,787	184.77	5,683	15,742
184.26	5,683	12,844	184.78	5,683	15,799
184.27	5,683	12,900	184.79	5,683	15,856
184.28	5,683	12,957	184.80	5,683	15,912
184.29	5,683	13,014	184.81	5,683	15,969
184.30	5,683	13,071	184.82	5,683	16,026
184.31	5,683	13,128	184.83	5,683	16,083
184.32	5,683	13,185	184.84	5,683	16,140
184.33	5,683	13,241	184.85	5,683	16,197
184.34	5,683	13,298	184.86	5,683	16,253
184.35	5,683	13,355	184.87	5,683	16,310
184.36	5,683	13,412	184.88	5,683	16,367
184.37	5,683	13,469	184.89	5,683	16,424
184.38	5,683	13,526	184.90	5,683	16,481
184.39	5,683	13,582	184.91	5,683	16,538
184.40	5,683	13,639	184.92	5,683	16,594
184.41	5,683	13,696	184.93	5,683	16,651
184.42	5,683	13,753	184.94	5,683	16,708
184.43	5,683	13,810	184.95	5,683	16,765
184.44	5,683	13,867	184.96	5,683	16,822
184.45	5,683	13,923	184.97	5,683	16,879
184.46	5,683	13,980	184.98	5,683	16,935
184.47	5,683	14,037	184.99	5,683	16,992
184.48	5,683	14,094	185.00	5,683	17,049
184.49	5,683	14,151	185.01	5,683	17,106
184.50	5,683	14,208	185.02	5,683	17,163
184.51	5,683	14,264	185.03	5,683	17,219
184.52	5,683	14,321	185.04	5,683	17,276
184.53	5,683	14,378	185.05	5,683	17,333
184.54	5,683	14,435	185.06	5,683	17,390
184.55	5,683	14,492	185.07	5,683	17,447
184.56	5,683	14,548	185.08	5,683	17,504
184.57	5,683	14,605	185.09	5,683	17,560
184.58	5,683	14,662	185.10	5,683	17,617
184.59	5,683	14,719	185.11	5,683	17,674

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.12	5,683	17,731	185.64	5,683	20,686
185.13	5,683	17,788	185.65	5,683	20,743
185.14	5,683	17,845	185.66	5,683	20,800
185.15	5,683	17,901	185.67	5,683	20,857
185.16	5,683	17,958	185.68	5,683	20,913
185.17	5,683	18,015	185.69	5,683	20,970
185.18	5,683	18,072	185.70	5,683	21,027
185.19	5,683	18,129	185.71	5,683	21,084
185.20	5,683	18,186	185.72	5,683	21,141
185.21	5,683	18,242	185.73	5,683	21,198
185.22	5,683	18,299	185.74	5,683	21,254
185.23	5,683	18,356	185.75	5,683	21,311
185.24	5,683	18,413	185.76	5,683	21,368
185.25	5,683	18,470	185.77	5,683	21,425
185.26	5,683	18,527	185.78	5,683	21,482
185.27	5,683	18,583	185.79	5,683	21,539
185.28	5,683	18,640	185.80	5,683	21,595
185.29	5,683	18,697	185.81	5,683	21,652
185.30	5,683	18,754	185.82	5,683	21,709
185.31	5,683	18,811	185.83	5,683	21,766
185.32	5,683	18,868	185.84	5,683	21,823
185.33	5,683	18,924	185.85	5,683	21,880
185.34	5,683	18,981	185.86	5,683	21,936
185.35	5,683	19,038	185.87	5,683	21,993
185.36	5,683	19,095	185.88	5,683	22,050
185.37	5,683	19,152	185.89	5,683	22,107
185.38	5,683	19,209	185.90	5,683	22,164
185.39	5,683	19,265	185.91	5,683	22,221
185.40	5,683	19,322	185.92	5,683	22,277
185.41	5,683	19,379	185.93	5,683	22,334
185.42	5,683	19,436	185.94	5,683	22,391
185.43	5,683	19,493	185.95	5,683	22,448
185.44	5,683	19,550	185.96	5,683	22,505
185.45	5,683	19,606	185.97	5,683	22,562
185.46	5,683	19,663	185.98	5,683	22,618
185.47	5,683	19,720	185.99	5,683	22,675
185.48	5,683	19,777	186.00	5,683	22,732
185.49	5,683	19,834	186.01	5,683	22,789
185.50	5,683	19,891	186.02	5,683	22,846
185.51	5,683	19,947	186.03	5,683	22,902
185.52	5,683	20,004	186.04	5,683	22,959
185.53	5,683	20,061	186.05	5,683	23,016
185.54	5,683	20,118	186.06	5,683	23,073
185.55	5,683	20,175	186.07	5,683	23,130
185.56	5,683	20,231	186.08	5,683	23,187
185.57	5,683	20,288	186.09	5,683	23,243
185.58	5,683	20,345	186.10	5,683	23,300
185.59	5,683	20,402	186.11	5,683	23,357
185.60	5,683	20,459	186.12	5,683	23,414
185.61	5,683	20,516	186.13	5,683	23,471
185.62	5,683	20,572	186.14	5,683	23,528
185.63	5,683	20,629	186.15	5,683	23,584

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.16	5,683	23,641	186.68	5,683	26,596
186.17	5,683	23,698	186.69	5,683	26,653
186.18	5,683	23,755	186.70	5,683	26,710
186.19	5,683	23,812	186.71	5,683	26,767
186.20	5,683	23,869	186.72	5,683	26,824
186.21	5,683	23,925	186.73	5,683	26,881
186.22	5,683	23,982	186.74	5,683	26,937
186.23	5,683	24,039	186.75	5,683	26,994
186.24	5,683	24,096	186.76	5,683	27,051
186.25	5,683	24,153	186.77	5,683	27,108
186.26	5,683	24,210	186.78	5,683	27,165
186.27	5,683	24,266	186.79	5,683	27,222
186.28	5,683	24,323	186.80	5,683	27,278
186.29	5,683	24,380	186.81	5,683	27,335
186.30	5,683	24,437	186.82	5,683	27,392
186.31	5,683	24,494	186.83	5,683	27,449
186.32	5,683	24,551	186.84	5,683	27,506
186.33	5,683	24,607	186.85	5,683	27,563
186.34	5,683	24,664	186.86	5,683	27,619
186.35	5,683	24,721	186.87	5,683	27,676
186.36	5,683	24,778	186.88	5,683	27,733
186.37	5,683	24,835	186.89	5,683	27,790
186.38	5,683	24,892	186.90	5,683	27,847
186.39	5,683	24,948	186.91	5,683	27,904
186.40	5,683	25,005	186.92	5,683	27,960
186.41	5,683	25,062	186.93	5,683	28,017
186.42	5,683	25,119	186.94	5,683	28,074
186.43	5,683	25,176	186.95	5,683	28,131
186.44	5,683	25,233	186.96	5,683	28,188
186.45	5,683	25,289	186.97	5,683	28,245
186.46	5,683	25,346	186.98	5,683	28,301
186.47	5,683	25,403	186.99	5,683	28,358
186.48	5,683	25,460	187.00	5,683	28,415
186.49	5,683	25,517			
186.50	5,683	25,574			
186.51	5,683	25,630			
186.52	5,683	25,687			
186.53	5,683	25,744			
186.54	5,683	25,801			
186.55	5,683	25,858			
186.56	5,683	25,914			
186.57	5,683	25,971			
186.58	5,683	26,028			
186.59	5,683	26,085			
186.60	5,683	26,142			
186.61	5,683	26,199			
186.62	5,683	26,255			
186.63	5,683	26,312			
186.64	5,683	26,369			
186.65	5,683	26,426			
186.66	5,683	26,483			
186.67	5,683	26,540			

Summary for Pond B-42: Basin #42

Inflow Area = 0.777 ac, 38.35% Impervious, Inflow Depth = 3.35" for Current 10 yr event
 Inflow = 3.46 cfs @ 12.07 hrs, Volume= 0.217 af
 Outflow = 0.18 cfs @ 13.49 hrs, Volume= 0.164 af, Atten= 95%, Lag= 84.9 min
 Primary = 0.18 cfs @ 13.49 hrs, Volume= 0.164 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.22' @ 13.49 hrs Surf.Area= 3,235 sf Storage= 5,935 cf

Plug-Flow detention time= 405.8 min calculated for 0.164 af (76% of inflow)
 Center-of-Mass det. time= 313.9 min (1,099.1 - 785.1)

Volume	Invert	Avail.Storage	Storage Description
#1	181.00'	22,250 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

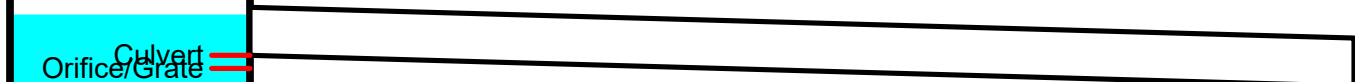
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
181.00	2,142	0	0
182.00	2,613	2,378	2,378
183.00	3,118	2,866	5,243
184.00	3,656	3,387	8,630
185.00	4,227	3,942	12,572
186.00	4,831	4,529	17,101
187.00	5,468	5,150	22,250

Device	Routing	Invert	Outlet Devices
#1	Primary	181.96'	18.0" Round Culvert L= 192.0' Ke= 0.500 Inlet / Outlet Invert= 181.96' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.18 cfs @ 13.49 hrs HW=183.22' (Free Discharge)

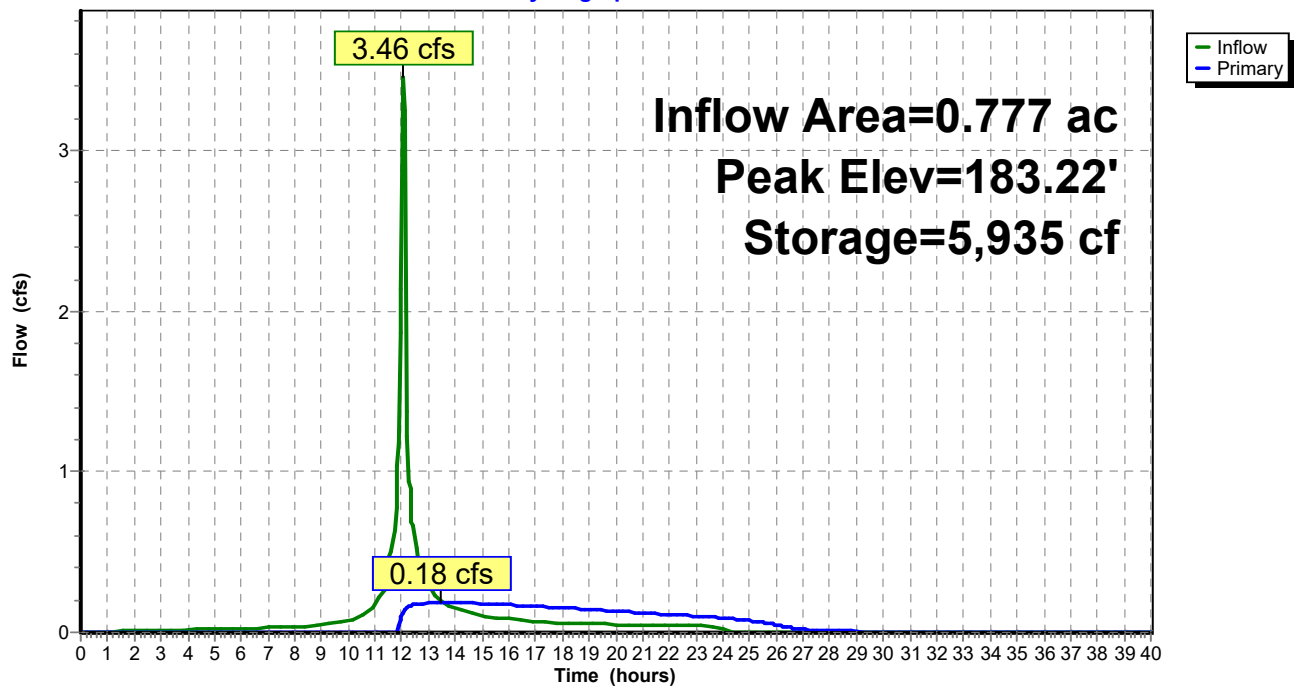
- 1=Culvert (Passes 0.18 cfs of 5.02 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.40 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-42: Basin #42



Pond B-42: Basin #42

Hydrograph



Hydrograph for Pond B-42: Basin #42

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	181.00	0.00
0.10	0.00	0	181.00	0.00
0.20	0.00	0	181.00	0.00
0.30	0.00	0	181.00	0.00
0.40	0.00	0	181.00	0.00
0.50	0.00	0	181.00	0.00
0.60	0.00	0	181.00	0.00
0.70	0.00	0	181.00	0.00
0.80	0.00	0	181.00	0.00
0.90	0.00	0	181.00	0.00
1.00	0.00	1	181.00	0.00
1.10	0.00	2	181.00	0.00
1.20	0.00	3	181.00	0.00
1.30	0.00	4	181.00	0.00
1.40	0.00	6	181.00	0.00
1.50	0.01	8	181.00	0.00
1.60	0.01	10	181.00	0.00
1.70	0.01	12	181.01	0.00
1.80	0.01	15	181.01	0.00
1.90	0.01	18	181.01	0.00
2.00	0.01	21	181.01	0.00
2.10	0.01	24	181.01	0.00
2.20	0.01	27	181.01	0.00
2.30	0.01	30	181.01	0.00
2.40	0.01	34	181.02	0.00
2.50	0.01	38	181.02	0.00
2.60	0.01	42	181.02	0.00
2.70	0.01	46	181.02	0.00
2.80	0.01	50	181.02	0.00
2.90	0.01	55	181.03	0.00
3.00	0.01	59	181.03	0.00
3.10	0.01	64	181.03	0.00
3.20	0.01	69	181.03	0.00
3.30	0.01	74	181.03	0.00
3.40	0.01	79	181.04	0.00
3.50	0.01	84	181.04	0.00
3.60	0.01	89	181.04	0.00
3.70	0.02	95	181.04	0.00
3.80	0.02	100	181.05	0.00
3.90	0.02	106	181.05	0.00
4.00	0.02	112	181.05	0.00
4.10	0.02	118	181.05	0.00
4.20	0.02	124	181.06	0.00
4.30	0.02	130	181.06	0.00
4.40	0.02	136	181.06	0.00
4.50	0.02	142	181.07	0.00
4.60	0.02	149	181.07	0.00
4.70	0.02	155	181.07	0.00
4.80	0.02	162	181.07	0.00
4.90	0.02	168	181.08	0.00
5.00	0.02	175	181.08	0.00
5.10	0.02	182	181.08	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	189	181.09	0.00
5.30	0.02	196	181.09	0.00
5.40	0.02	203	181.09	0.00
5.50	0.02	210	181.10	0.00
5.60	0.02	218	181.10	0.00
5.70	0.02	225	181.10	0.00
5.80	0.02	233	181.11	0.00
5.90	0.02	240	181.11	0.00
6.00	0.02	248	181.11	0.00
6.10	0.02	256	181.12	0.00
6.20	0.02	264	181.12	0.00
6.30	0.02	272	181.13	0.00
6.40	0.02	281	181.13	0.00
6.50	0.02	289	181.13	0.00
6.60	0.03	298	181.14	0.00
6.70	0.03	307	181.14	0.00
6.80	0.03	317	181.15	0.00
6.90	0.03	326	181.15	0.00
7.00	0.03	336	181.15	0.00
7.10	0.03	347	181.16	0.00
7.20	0.03	357	181.16	0.00
7.30	0.03	367	181.17	0.00
7.40	0.03	378	181.17	0.00
7.50	0.03	389	181.18	0.00
7.60	0.03	401	181.18	0.00
7.70	0.03	412	181.19	0.00
7.80	0.03	424	181.19	0.00
7.90	0.03	436	181.20	0.00
8.00	0.03	448	181.20	0.00
8.10	0.03	460	181.21	0.00
8.20	0.04	473	181.22	0.00
8.30	0.04	486	181.22	0.00
8.40	0.04	499	181.23	0.00
8.50	0.04	512	181.23	0.00
8.60	0.04	526	181.24	0.00
8.70	0.04	540	181.25	0.00
8.80	0.04	554	181.25	0.00
8.90	0.04	568	181.26	0.00
9.00	0.04	583	181.26	0.00
9.10	0.04	599	181.27	0.00
9.20	0.05	616	181.28	0.00
9.30	0.05	634	181.29	0.00
9.40	0.05	653	181.30	0.00
9.50	0.06	673	181.30	0.00
9.60	0.06	695	181.31	0.00
9.70	0.06	718	181.32	0.00
9.80	0.07	742	181.33	0.00
9.90	0.07	767	181.34	0.00
10.00	0.08	794	181.36	0.00
10.10	0.08	822	181.37	0.00
10.20	0.08	851	181.38	0.00
10.30	0.09	882	181.39	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.09	914	181.41	0.00
10.50	0.10	948	181.42	0.00
10.60	0.11	986	181.44	0.00
10.70	0.12	1,028	181.46	0.00
10.80	0.14	1,076	181.48	0.00
10.90	0.15	1,128	181.50	0.00
11.00	0.17	1,186	181.52	0.00
11.10	0.19	1,251	181.55	0.00
11.20	0.22	1,327	181.58	0.00
11.30	0.25	1,413	181.62	0.00
11.40	0.28	1,509	181.66	0.00
11.50	0.32	1,617	181.70	0.00
11.60	0.48	1,773	181.76	0.00
11.70	0.55	1,958	181.84	0.00
11.80	0.78	2,207	181.93	0.00
11.90	1.17	2,565	182.07	0.05
12.00	2.14	3,174	182.30	0.10
12.10	3.25	4,218	182.66	0.14
12.20	1.22	4,815	182.86	0.16
12.30	0.89	5,117	182.96	0.16
12.40	0.68	5,322	183.03	0.17
12.50	0.62	5,494	183.08	0.17
12.60	0.42	5,603	183.11	0.18
12.70	0.39	5,684	183.14	0.18
12.80	0.36	5,753	183.16	0.18
12.90	0.33	5,810	183.18	0.18
13.00	0.29	5,853	183.19	0.18
13.10	0.26	5,884	183.20	0.18
13.20	0.24	5,907	183.21	0.18
13.30	0.22	5,923	183.21	0.18
13.40	0.20	5,932	183.22	0.18
13.50	0.18	5,935	183.22	0.18
13.60	0.17	5,931	183.22	0.18
13.70	0.16	5,924	183.21	0.18
13.80	0.16	5,915	183.21	0.18
13.90	0.15	5,904	183.21	0.18
14.00	0.15	5,892	183.20	0.18
14.10	0.14	5,879	183.20	0.18
14.20	0.14	5,864	183.20	0.18
14.30	0.13	5,847	183.19	0.18
14.40	0.13	5,828	183.18	0.18
14.50	0.12	5,808	183.18	0.18
14.60	0.12	5,786	183.17	0.18
14.70	0.11	5,763	183.16	0.18
14.80	0.11	5,738	183.16	0.18
14.90	0.10	5,712	183.15	0.18
15.00	0.10	5,684	183.14	0.18
15.10	0.09	5,654	183.13	0.18
15.20	0.09	5,624	183.12	0.18
15.30	0.09	5,594	183.11	0.18
15.40	0.09	5,563	183.10	0.18
15.50	0.09	5,533	183.09	0.17

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.09	5,502	183.08	0.17
15.70	0.09	5,471	183.07	0.17
15.80	0.09	5,439	183.06	0.17
15.90	0.08	5,408	183.05	0.17
16.00	0.08	5,376	183.04	0.17
16.10	0.08	5,345	183.03	0.17
16.20	0.08	5,313	183.02	0.17
16.30	0.08	5,280	183.01	0.17
16.40	0.08	5,248	183.00	0.17
16.50	0.08	5,216	182.99	0.17
16.60	0.08	5,183	182.98	0.17
16.70	0.07	5,150	182.97	0.16
16.80	0.07	5,117	182.96	0.16
16.90	0.07	5,084	182.95	0.16
17.00	0.07	5,051	182.94	0.16
17.10	0.07	5,017	182.93	0.16
17.20	0.07	4,984	182.92	0.16
17.30	0.07	4,950	182.91	0.16
17.40	0.06	4,916	182.89	0.16
17.50	0.06	4,882	182.88	0.16
17.60	0.06	4,848	182.87	0.16
17.70	0.06	4,813	182.86	0.16
17.80	0.06	4,779	182.85	0.15
17.90	0.06	4,744	182.84	0.15
18.00	0.06	4,710	182.83	0.15
18.10	0.06	4,675	182.81	0.15
18.20	0.05	4,640	182.80	0.15
18.30	0.05	4,606	182.79	0.15
18.40	0.05	4,571	182.78	0.15
18.50	0.05	4,538	182.77	0.15
18.60	0.05	4,504	182.76	0.15
18.70	0.05	4,471	182.75	0.15
18.80	0.05	4,437	182.74	0.14
18.90	0.05	4,405	182.72	0.14
19.00	0.05	4,372	182.71	0.14
19.10	0.05	4,339	182.70	0.14
19.20	0.05	4,307	182.69	0.14
19.30	0.05	4,275	182.68	0.14
19.40	0.05	4,244	182.67	0.14
19.50	0.05	4,213	182.66	0.14
19.60	0.05	4,181	182.65	0.14
19.70	0.05	4,151	182.64	0.14
19.80	0.05	4,120	182.63	0.13
19.90	0.05	4,090	182.62	0.13
20.00	0.05	4,060	182.61	0.13
20.10	0.05	4,030	182.60	0.13
20.20	0.05	4,000	182.59	0.13
20.30	0.05	3,971	182.58	0.13
20.40	0.05	3,942	182.57	0.13
20.50	0.05	3,913	182.56	0.13
20.60	0.05	3,885	182.55	0.13
20.70	0.05	3,856	182.54	0.12

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	3,828	182.53	0.12
20.90	0.05	3,801	182.52	0.12
21.00	0.05	3,773	182.51	0.12
21.10	0.05	3,746	182.50	0.12
21.20	0.05	3,719	182.49	0.12
21.30	0.04	3,692	182.48	0.12
21.40	0.04	3,666	182.47	0.12
21.50	0.04	3,640	182.46	0.12
21.60	0.04	3,614	182.45	0.12
21.70	0.04	3,588	182.44	0.11
21.80	0.04	3,563	182.44	0.11
21.90	0.04	3,538	182.43	0.11
22.00	0.04	3,513	182.42	0.11
22.10	0.04	3,488	182.41	0.11
22.20	0.04	3,464	182.40	0.11
22.30	0.04	3,440	182.39	0.11
22.40	0.04	3,416	182.38	0.11
22.50	0.04	3,392	182.37	0.11
22.60	0.04	3,369	182.37	0.10
22.70	0.04	3,346	182.36	0.10
22.80	0.04	3,323	182.35	0.10
22.90	0.04	3,301	182.34	0.10
23.00	0.04	3,279	182.33	0.10
23.10	0.04	3,257	182.33	0.10
23.20	0.04	3,235	182.32	0.10
23.30	0.04	3,213	182.31	0.10
23.40	0.04	3,192	182.30	0.10
23.50	0.04	3,171	182.30	0.09
23.60	0.04	3,151	182.29	0.09
23.70	0.04	3,130	182.28	0.09
23.80	0.04	3,110	182.27	0.09
23.90	0.04	3,090	182.27	0.09
24.00	0.04	3,073	182.26	0.09
24.10	0.00	3,045	182.25	0.09
24.20	0.00	3,013	182.24	0.09
24.30	0.00	2,982	182.23	0.08
24.40	0.00	2,952	182.22	0.08
24.50	0.00	2,923	182.20	0.08
24.60	0.00	2,894	182.19	0.08
24.70	0.00	2,866	182.18	0.08
24.80	0.00	2,838	182.17	0.08
24.90	0.00	2,811	182.16	0.07
25.00	0.00	2,785	182.15	0.07
25.10	0.00	2,759	182.14	0.07
25.20	0.00	2,734	182.13	0.07
25.30	0.00	2,710	182.13	0.07
25.40	0.00	2,687	182.12	0.06
25.50	0.00	2,665	182.11	0.06
25.60	0.00	2,643	182.10	0.06
25.70	0.00	2,623	182.09	0.06
25.80	0.00	2,603	182.09	0.05
25.90	0.00	2,584	182.08	0.05

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,566	182.07	0.05
26.10	0.00	2,550	182.07	0.04
26.20	0.00	2,535	182.06	0.04
26.30	0.00	2,522	182.05	0.04
26.40	0.00	2,510	182.05	0.03
26.50	0.00	2,499	182.05	0.03
26.60	0.00	2,489	182.04	0.03
26.70	0.00	2,479	182.04	0.02
26.80	0.00	2,471	182.04	0.02
26.90	0.00	2,463	182.03	0.02
27.00	0.00	2,456	182.03	0.02
27.10	0.00	2,450	182.03	0.02
27.20	0.00	2,444	182.03	0.02
27.30	0.00	2,439	182.02	0.01
27.40	0.00	2,434	182.02	0.01
27.50	0.00	2,429	182.02	0.01
27.60	0.00	2,425	182.02	0.01
27.70	0.00	2,421	182.02	0.01
27.80	0.00	2,417	182.02	0.01
27.90	0.00	2,414	182.01	0.01
28.00	0.00	2,410	182.01	0.01
28.10	0.00	2,407	182.01	0.01
28.20	0.00	2,404	182.01	0.01
28.30	0.00	2,401	182.01	0.01
28.40	0.00	2,398	182.01	0.01
28.50	0.00	2,395	182.01	0.01
28.60	0.00	2,393	182.01	0.01
28.70	0.00	2,390	182.00	0.01
28.80	0.00	2,388	182.00	0.01
28.90	0.00	2,386	182.00	0.01
29.00	0.00	2,384	182.00	0.01
29.10	0.00	2,381	182.00	0.01
29.20	0.00	2,380	182.00	0.01
29.30	0.00	2,378	182.00	0.01
29.40	0.00	2,376	182.00	0.00
29.50	0.00	2,374	182.00	0.00
29.60	0.00	2,372	182.00	0.00
29.70	0.00	2,371	182.00	0.00
29.80	0.00	2,369	182.00	0.00
29.90	0.00	2,367	182.00	0.00
30.00	0.00	2,366	182.00	0.00
30.10	0.00	2,364	181.99	0.00
30.20	0.00	2,363	181.99	0.00
30.30	0.00	2,361	181.99	0.00
30.40	0.00	2,360	181.99	0.00
30.50	0.00	2,358	181.99	0.00
30.60	0.00	2,357	181.99	0.00
30.70	0.00	2,355	181.99	0.00
30.80	0.00	2,354	181.99	0.00
30.90	0.00	2,353	181.99	0.00
31.00	0.00	2,351	181.99	0.00
31.10	0.00	2,350	181.99	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,349	181.99	0.00
31.30	0.00	2,347	181.99	0.00
31.40	0.00	2,346	181.99	0.00
31.50	0.00	2,345	181.99	0.00
31.60	0.00	2,344	181.99	0.00
31.70	0.00	2,342	181.99	0.00
31.80	0.00	2,341	181.99	0.00
31.90	0.00	2,340	181.99	0.00
32.00	0.00	2,339	181.99	0.00
32.10	0.00	2,338	181.98	0.00
32.20	0.00	2,337	181.98	0.00
32.30	0.00	2,336	181.98	0.00
32.40	0.00	2,334	181.98	0.00
32.50	0.00	2,333	181.98	0.00
32.60	0.00	2,332	181.98	0.00
32.70	0.00	2,331	181.98	0.00
32.80	0.00	2,330	181.98	0.00
32.90	0.00	2,329	181.98	0.00
33.00	0.00	2,328	181.98	0.00
33.10	0.00	2,328	181.98	0.00
33.20	0.00	2,327	181.98	0.00
33.30	0.00	2,326	181.98	0.00
33.40	0.00	2,325	181.98	0.00
33.50	0.00	2,324	181.98	0.00
33.60	0.00	2,323	181.98	0.00
33.70	0.00	2,322	181.98	0.00
33.80	0.00	2,321	181.98	0.00
33.90	0.00	2,321	181.98	0.00
34.00	0.00	2,320	181.98	0.00
34.10	0.00	2,319	181.98	0.00
34.20	0.00	2,318	181.98	0.00
34.30	0.00	2,317	181.98	0.00
34.40	0.00	2,317	181.98	0.00
34.50	0.00	2,316	181.98	0.00
34.60	0.00	2,315	181.98	0.00
34.70	0.00	2,314	181.98	0.00
34.80	0.00	2,314	181.98	0.00
34.90	0.00	2,313	181.98	0.00
35.00	0.00	2,312	181.97	0.00
35.10	0.00	2,312	181.97	0.00
35.20	0.00	2,311	181.97	0.00
35.30	0.00	2,310	181.97	0.00
35.40	0.00	2,310	181.97	0.00
35.50	0.00	2,309	181.97	0.00
35.60	0.00	2,309	181.97	0.00
35.70	0.00	2,308	181.97	0.00
35.80	0.00	2,307	181.97	0.00
35.90	0.00	2,307	181.97	0.00
36.00	0.00	2,306	181.97	0.00
36.10	0.00	2,306	181.97	0.00
36.20	0.00	2,305	181.97	0.00
36.30	0.00	2,305	181.97	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,304	181.97	0.00
36.50	0.00	2,303	181.97	0.00
36.60	0.00	2,303	181.97	0.00
36.70	0.00	2,302	181.97	0.00
36.80	0.00	2,302	181.97	0.00
36.90	0.00	2,301	181.97	0.00
37.00	0.00	2,301	181.97	0.00
37.10	0.00	2,301	181.97	0.00
37.20	0.00	2,300	181.97	0.00
37.30	0.00	2,300	181.97	0.00
37.40	0.00	2,299	181.97	0.00
37.50	0.00	2,299	181.97	0.00
37.60	0.00	2,298	181.97	0.00
37.70	0.00	2,298	181.97	0.00
37.80	0.00	2,297	181.97	0.00
37.90	0.00	2,297	181.97	0.00
38.00	0.00	2,297	181.97	0.00
38.10	0.00	2,296	181.97	0.00
38.20	0.00	2,296	181.97	0.00
38.30	0.00	2,295	181.97	0.00
38.40	0.00	2,295	181.97	0.00
38.50	0.00	2,295	181.97	0.00
38.60	0.00	2,294	181.97	0.00
38.70	0.00	2,294	181.97	0.00
38.80	0.00	2,294	181.97	0.00
38.90	0.00	2,293	181.97	0.00
39.00	0.00	2,293	181.97	0.00
39.10	0.00	2,293	181.97	0.00
39.20	0.00	2,292	181.97	0.00
39.30	0.00	2,292	181.97	0.00
39.40	0.00	2,292	181.97	0.00
39.50	0.00	2,291	181.97	0.00
39.60	0.00	2,291	181.97	0.00
39.70	0.00	2,291	181.97	0.00
39.80	0.00	2,290	181.97	0.00
39.90	0.00	2,290	181.97	0.00
40.00	0.00	2,290	181.97	0.00

Stage-Discharge for Pond B-42: Basin #42

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.00	0.00	181.52	0.00	182.04	0.02	182.56	0.13
181.01	0.00	181.53	0.00	182.05	0.03	182.57	0.13
181.02	0.00	181.54	0.00	182.06	0.04	182.58	0.13
181.03	0.00	181.55	0.00	182.07	0.04	182.59	0.13
181.04	0.00	181.56	0.00	182.08	0.05	182.60	0.13
181.05	0.00	181.57	0.00	182.09	0.06	182.61	0.13
181.06	0.00	181.58	0.00	182.10	0.06	182.62	0.13
181.07	0.00	181.59	0.00	182.11	0.06	182.63	0.13
181.08	0.00	181.60	0.00	182.12	0.07	182.64	0.14
181.09	0.00	181.61	0.00	182.13	0.07	182.65	0.14
181.10	0.00	181.62	0.00	182.14	0.07	182.66	0.14
181.11	0.00	181.63	0.00	182.15	0.07	182.67	0.14
181.12	0.00	181.64	0.00	182.16	0.07	182.68	0.14
181.13	0.00	181.65	0.00	182.17	0.08	182.69	0.14
181.14	0.00	181.66	0.00	182.18	0.08	182.70	0.14
181.15	0.00	181.67	0.00	182.19	0.08	182.71	0.14
181.16	0.00	181.68	0.00	182.20	0.08	182.72	0.14
181.17	0.00	181.69	0.00	182.21	0.08	182.73	0.14
181.18	0.00	181.70	0.00	182.22	0.08	182.74	0.14
181.19	0.00	181.71	0.00	182.23	0.09	182.75	0.15
181.20	0.00	181.72	0.00	182.24	0.09	182.76	0.15
181.21	0.00	181.73	0.00	182.25	0.09	182.77	0.15
181.22	0.00	181.74	0.00	182.26	0.09	182.78	0.15
181.23	0.00	181.75	0.00	182.27	0.09	182.79	0.15
181.24	0.00	181.76	0.00	182.28	0.09	182.80	0.15
181.25	0.00	181.77	0.00	182.29	0.09	182.81	0.15
181.26	0.00	181.78	0.00	182.30	0.10	182.82	0.15
181.27	0.00	181.79	0.00	182.31	0.10	182.83	0.15
181.28	0.00	181.80	0.00	182.32	0.10	182.84	0.15
181.29	0.00	181.81	0.00	182.33	0.10	182.85	0.15
181.30	0.00	181.82	0.00	182.34	0.10	182.86	0.16
181.31	0.00	181.83	0.00	182.35	0.10	182.87	0.16
181.32	0.00	181.84	0.00	182.36	0.10	182.88	0.16
181.33	0.00	181.85	0.00	182.37	0.11	182.89	0.16
181.34	0.00	181.86	0.00	182.38	0.11	182.90	0.16
181.35	0.00	181.87	0.00	182.39	0.11	182.91	0.16
181.36	0.00	181.88	0.00	182.40	0.11	182.92	0.16
181.37	0.00	181.89	0.00	182.41	0.11	182.93	0.16
181.38	0.00	181.90	0.00	182.42	0.11	182.94	0.16
181.39	0.00	181.91	0.00	182.43	0.11	182.95	0.16
181.40	0.00	181.92	0.00	182.44	0.11	182.96	0.16
181.41	0.00	181.93	0.00	182.45	0.11	182.97	0.16
181.42	0.00	181.94	0.00	182.46	0.12	182.98	0.17
181.43	0.00	181.95	0.00	182.47	0.12	182.99	0.17
181.44	0.00	181.96	0.00	182.48	0.12	183.00	0.17
181.45	0.00	181.97	0.00	182.49	0.12	183.01	0.17
181.46	0.00	181.98	0.00	182.50	0.12	183.02	0.17
181.47	0.00	181.99	0.00	182.51	0.12	183.03	0.17
181.48	0.00	182.00	0.00	182.52	0.12	183.04	0.17
181.49	0.00	182.01	0.01	182.53	0.12	183.05	0.17
181.50	0.00	182.02	0.01	182.54	0.13	183.06	0.17
181.51	0.00	182.03	0.02	182.55	0.13	183.07	0.17

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.08	0.17	183.60	0.21	184.12	0.24	184.64	0.27
183.09	0.17	183.61	0.21	184.13	0.24	184.65	0.27
183.10	0.18	183.62	0.21	184.14	0.24	184.66	0.27
183.11	0.18	183.63	0.21	184.15	0.24	184.67	0.27
183.12	0.18	183.64	0.21	184.16	0.24	184.68	0.27
183.13	0.18	183.65	0.21	184.17	0.24	184.69	0.27
183.14	0.18	183.66	0.21	184.18	0.24	184.70	0.27
183.15	0.18	183.67	0.21	184.19	0.25	184.71	0.27
183.16	0.18	183.68	0.22	184.20	0.25	184.72	0.27
183.17	0.18	183.69	0.22	184.21	0.25	184.73	0.27
183.18	0.18	183.70	0.22	184.22	0.25	184.74	0.27
183.19	0.18	183.71	0.22	184.23	0.25	184.75	0.27
183.20	0.18	183.72	0.22	184.24	0.25	184.76	0.27
183.21	0.18	183.73	0.22	184.25	0.25	184.77	0.28
183.22	0.18	183.74	0.22	184.26	0.25	184.78	0.28
183.23	0.18	183.75	0.22	184.27	0.25	184.79	0.28
183.24	0.19	183.76	0.22	184.28	0.25	184.80	0.28
183.25	0.19	183.77	0.22	184.29	0.25	184.81	0.28
183.26	0.19	183.78	0.22	184.30	0.25	184.82	0.28
183.27	0.19	183.79	0.22	184.31	0.25	184.83	0.28
183.28	0.19	183.80	0.22	184.32	0.25	184.84	0.28
183.29	0.19	183.81	0.22	184.33	0.25	184.85	0.28
183.30	0.19	183.82	0.22	184.34	0.25	184.86	0.28
183.31	0.19	183.83	0.22	184.35	0.25	184.87	0.28
183.32	0.19	183.84	0.23	184.36	0.25	184.88	0.28
183.33	0.19	183.85	0.23	184.37	0.25	184.89	0.28
183.34	0.19	183.86	0.23	184.38	0.26	184.90	0.28
183.35	0.19	183.87	0.23	184.39	0.26	184.91	0.28
183.36	0.19	183.88	0.23	184.40	0.26	184.92	0.28
183.37	0.19	183.89	0.23	184.41	0.26	184.93	0.28
183.38	0.20	183.90	0.23	184.42	0.26	184.94	0.28
183.39	0.20	183.91	0.23	184.43	0.26	184.95	0.28
183.40	0.20	183.92	0.23	184.44	0.26	184.96	0.28
183.41	0.20	183.93	0.23	184.45	0.26	184.97	0.28
183.42	0.20	183.94	0.23	184.46	0.26	184.98	0.29
183.43	0.20	183.95	0.23	184.47	0.26	184.99	0.29
183.44	0.20	183.96	0.23	184.48	0.26	185.00	0.29
183.45	0.20	183.97	0.23	184.49	0.26	185.01	0.29
183.46	0.20	183.98	0.23	184.50	0.26	185.02	0.29
183.47	0.20	183.99	0.23	184.51	0.26	185.03	0.29
183.48	0.20	184.00	0.23	184.52	0.26	185.04	0.29
183.49	0.20	184.01	0.24	184.53	0.26	185.05	0.29
183.50	0.20	184.02	0.24	184.54	0.26	185.06	0.29
183.51	0.20	184.03	0.24	184.55	0.26	185.07	0.29
183.52	0.21	184.04	0.24	184.56	0.26	185.08	0.29
183.53	0.21	184.05	0.24	184.57	0.27	185.09	0.29
183.54	0.21	184.06	0.24	184.58	0.27	185.10	0.29
183.55	0.21	184.07	0.24	184.59	0.27	185.11	0.29
183.56	0.21	184.08	0.24	184.60	0.27	185.12	0.29
183.57	0.21	184.09	0.24	184.61	0.27	185.13	0.29
183.58	0.21	184.10	0.24	184.62	0.27	185.14	0.29
183.59	0.21	184.11	0.24	184.63	0.27	185.15	0.29

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.16	0.29	185.68	0.32	186.20	1.50	186.72	20.35
185.17	0.29	185.69	0.32	186.21	1.58	186.73	21.40
185.18	0.29	185.70	0.32	186.22	1.67	186.74	22.48
185.19	0.29	185.71	0.32	186.23	1.77	186.75	23.59
185.20	0.30	185.72	0.32	186.24	1.86	186.76	24.72
185.21	0.30	185.73	0.32	186.25	1.95	186.77	25.88
185.22	0.30	185.74	0.32	186.26	2.05	186.78	27.07
185.23	0.30	185.75	0.32	186.27	2.15	186.79	28.28
185.24	0.30	185.76	0.32	186.28	2.25	186.80	29.51
185.25	0.30	185.77	0.32	186.29	2.35	186.81	30.78
185.26	0.30	185.78	0.32	186.30	2.46	186.82	32.06
185.27	0.30	185.79	0.32	186.31	2.56	186.83	33.37
185.28	0.30	185.80	0.32	186.32	2.67	186.84	34.71
185.29	0.30	185.81	0.32	186.33	2.78	186.85	36.07
185.30	0.30	185.82	0.32	186.34	2.89	186.86	37.46
185.31	0.30	185.83	0.32	186.35	3.00	186.87	38.87
185.32	0.30	185.84	0.32	186.36	3.12	186.88	40.31
185.33	0.30	185.85	0.32	186.37	3.23	186.89	41.77
185.34	0.30	185.86	0.32	186.38	3.35	186.90	43.26
185.35	0.30	185.87	0.32	186.39	3.47	186.91	44.80
185.36	0.30	185.88	0.32	186.40	3.59	186.92	46.36
185.37	0.30	185.89	0.33	186.41	3.71	186.93	47.96
185.38	0.30	185.90	0.33	186.42	3.83	186.94	49.58
185.39	0.30	185.91	0.33	186.43	3.96	186.95	51.22
185.40	0.30	185.92	0.33	186.44	4.08	186.96	52.90
185.41	0.30	185.93	0.33	186.45	4.21	186.97	54.60
185.42	0.31	185.94	0.33	186.46	4.34	186.98	56.32
185.43	0.31	185.95	0.33	186.47	4.46	186.99	58.08
185.44	0.31	185.96	0.33	186.48	4.59	187.00	59.86
185.45	0.31	185.97	0.33	186.49	4.73		
185.46	0.31	185.98	0.33	186.50	4.86		
185.47	0.31	185.99	0.33	186.51	5.11		
185.48	0.31	186.00	0.33	186.52	5.46		
185.49	0.31	186.01	0.34	186.53	5.87		
185.50	0.31	186.02	0.37	186.54	6.34		
185.51	0.31	186.03	0.40	186.55	6.85		
185.52	0.31	186.04	0.44	186.56	7.40		
185.53	0.31	186.05	0.48	186.57	7.99		
185.54	0.31	186.06	0.52	186.58	8.62		
185.55	0.31	186.07	0.57	186.59	9.28		
185.56	0.31	186.08	0.63	186.60	9.97		
185.57	0.31	186.09	0.69	186.61	10.69		
185.58	0.31	186.10	0.75	186.62	11.43		
185.59	0.31	186.11	0.81	186.63	12.21		
185.60	0.31	186.12	0.88	186.64	13.01		
185.61	0.31	186.13	0.94	186.65	13.83		
185.62	0.31	186.14	1.02	186.66	14.68		
185.63	0.31	186.15	1.09	186.67	15.56		
185.64	0.31	186.16	1.17	186.68	16.45		
185.65	0.32	186.17	1.25	186.69	17.37		
185.66	0.32	186.18	1.33	186.70	18.31		
185.67	0.32	186.19	1.41	186.71	19.32		

Stage-Area-Storage for Pond B-42: Basin #42

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.00	2,142	0	181.52	2,387	1,178
181.01	2,147	21	181.53	2,392	1,201
181.02	2,151	43	181.54	2,396	1,225
181.03	2,156	64	181.55	2,401	1,249
181.04	2,161	86	181.56	2,406	1,273
181.05	2,166	108	181.57	2,410	1,297
181.06	2,170	129	181.58	2,415	1,322
181.07	2,175	151	181.59	2,420	1,346
181.08	2,180	173	181.60	2,425	1,370
181.09	2,184	195	181.61	2,429	1,394
181.10	2,189	217	181.62	2,434	1,419
181.11	2,194	238	181.63	2,439	1,443
181.12	2,199	260	181.64	2,443	1,467
181.13	2,203	282	181.65	2,448	1,492
181.14	2,208	304	181.66	2,453	1,516
181.15	2,213	327	181.67	2,458	1,541
181.16	2,217	349	181.68	2,462	1,565
181.17	2,222	371	181.69	2,467	1,590
181.18	2,227	393	181.70	2,472	1,615
181.19	2,231	415	181.71	2,476	1,640
181.20	2,236	438	181.72	2,481	1,664
181.21	2,241	460	181.73	2,486	1,689
181.22	2,246	483	181.74	2,491	1,714
181.23	2,250	505	181.75	2,495	1,739
181.24	2,255	528	181.76	2,500	1,764
181.25	2,260	550	181.77	2,505	1,789
181.26	2,264	573	181.78	2,509	1,814
181.27	2,269	596	181.79	2,514	1,839
181.28	2,274	618	181.80	2,519	1,864
181.29	2,279	641	181.81	2,524	1,890
181.30	2,283	664	181.82	2,528	1,915
181.31	2,288	687	181.83	2,533	1,940
181.32	2,293	710	181.84	2,538	1,965
181.33	2,297	733	181.85	2,542	1,991
181.34	2,302	756	181.86	2,547	2,016
181.35	2,307	779	181.87	2,552	2,042
181.36	2,312	802	181.88	2,556	2,067
181.37	2,316	825	181.89	2,561	2,093
181.38	2,321	848	181.90	2,566	2,119
181.39	2,326	871	181.91	2,571	2,144
181.40	2,330	894	181.92	2,575	2,170
181.41	2,335	918	181.93	2,580	2,196
181.42	2,340	941	181.94	2,585	2,222
181.43	2,345	965	181.95	2,589	2,247
181.44	2,349	988	181.96	2,594	2,273
181.45	2,354	1,012	181.97	2,599	2,299
181.46	2,359	1,035	181.98	2,604	2,325
181.47	2,363	1,059	181.99	2,608	2,351
181.48	2,368	1,082	182.00	2,613	2,378
181.49	2,373	1,106	182.01	2,618	2,404
181.50	2,378	1,130	182.02	2,623	2,430
181.51	2,382	1,154	182.03	2,628	2,456

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.04	2,633	2,482	182.56	2,896	3,920
182.05	2,638	2,509	182.57	2,901	3,949
182.06	2,643	2,535	182.58	2,906	3,978
182.07	2,648	2,562	182.59	2,911	4,007
182.08	2,653	2,588	182.60	2,916	4,036
182.09	2,658	2,615	182.61	2,921	4,065
182.10	2,663	2,641	182.62	2,926	4,095
182.11	2,669	2,668	182.63	2,931	4,124
182.12	2,674	2,695	182.64	2,936	4,153
182.13	2,679	2,721	182.65	2,941	4,183
182.14	2,684	2,748	182.66	2,946	4,212
182.15	2,689	2,775	182.67	2,951	4,242
182.16	2,694	2,802	182.68	2,956	4,271
182.17	2,699	2,829	182.69	2,961	4,301
182.18	2,704	2,856	182.70	2,966	4,330
182.19	2,709	2,883	182.71	2,972	4,360
182.20	2,714	2,910	182.72	2,977	4,390
182.21	2,719	2,937	182.73	2,982	4,420
182.22	2,724	2,965	182.74	2,987	4,449
182.23	2,729	2,992	182.75	2,992	4,479
182.24	2,734	3,019	182.76	2,997	4,509
182.25	2,739	3,047	182.77	3,002	4,539
182.26	2,744	3,074	182.78	3,007	4,569
182.27	2,749	3,101	182.79	3,012	4,599
182.28	2,754	3,129	182.80	3,017	4,630
182.29	2,759	3,157	182.81	3,022	4,660
182.30	2,765	3,184	182.82	3,027	4,690
182.31	2,770	3,212	182.83	3,032	4,720
182.32	2,775	3,240	182.84	3,037	4,751
182.33	2,780	3,267	182.85	3,042	4,781
182.34	2,785	3,295	182.86	3,047	4,811
182.35	2,790	3,323	182.87	3,052	4,842
182.36	2,795	3,351	182.88	3,057	4,872
182.37	2,800	3,379	182.89	3,062	4,903
182.38	2,805	3,407	182.90	3,068	4,934
182.39	2,810	3,435	182.91	3,073	4,964
182.40	2,815	3,463	182.92	3,078	4,995
182.41	2,820	3,491	182.93	3,083	5,026
182.42	2,825	3,520	182.94	3,088	5,057
182.43	2,830	3,548	182.95	3,093	5,088
182.44	2,835	3,576	182.96	3,098	5,119
182.45	2,840	3,604	182.97	3,103	5,150
182.46	2,845	3,633	182.98	3,108	5,181
182.47	2,850	3,661	182.99	3,113	5,212
182.48	2,855	3,690	183.00	3,118	5,243
182.49	2,860	3,718	183.01	3,123	5,274
182.50	2,866	3,747	183.02	3,129	5,305
182.51	2,871	3,776	183.03	3,134	5,337
182.52	2,876	3,805	183.04	3,140	5,368
182.53	2,881	3,833	183.05	3,145	5,400
182.54	2,886	3,862	183.06	3,150	5,431
182.55	2,891	3,891	183.07	3,156	5,463

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.08	3,161	5,494	183.60	3,441	7,211
183.09	3,166	5,526	183.61	3,446	7,245
183.10	3,172	5,557	183.62	3,452	7,280
183.11	3,177	5,589	183.63	3,457	7,314
183.12	3,183	5,621	183.64	3,462	7,349
183.13	3,188	5,653	183.65	3,468	7,383
183.14	3,193	5,685	183.66	3,473	7,418
183.15	3,199	5,717	183.67	3,478	7,453
183.16	3,204	5,749	183.68	3,484	7,488
183.17	3,209	5,781	183.69	3,489	7,522
183.18	3,215	5,813	183.70	3,495	7,557
183.19	3,220	5,845	183.71	3,500	7,592
183.20	3,226	5,877	183.72	3,505	7,627
183.21	3,231	5,910	183.73	3,511	7,662
183.22	3,236	5,942	183.74	3,516	7,698
183.23	3,242	5,974	183.75	3,522	7,733
183.24	3,247	6,007	183.76	3,527	7,768
183.25	3,253	6,039	183.77	3,532	7,803
183.26	3,258	6,072	183.78	3,538	7,839
183.27	3,263	6,104	183.79	3,543	7,874
183.28	3,269	6,137	183.80	3,548	7,910
183.29	3,274	6,170	183.81	3,554	7,945
183.30	3,279	6,203	183.82	3,559	7,981
183.31	3,285	6,235	183.83	3,565	8,016
183.32	3,290	6,268	183.84	3,570	8,052
183.33	3,296	6,301	183.85	3,575	8,088
183.34	3,301	6,334	183.86	3,581	8,123
183.35	3,306	6,367	183.87	3,586	8,159
183.36	3,312	6,400	183.88	3,591	8,195
183.37	3,317	6,433	183.89	3,597	8,231
183.38	3,322	6,467	183.90	3,602	8,267
183.39	3,328	6,500	183.91	3,608	8,303
183.40	3,333	6,533	183.92	3,613	8,339
183.41	3,339	6,567	183.93	3,618	8,375
183.42	3,344	6,600	183.94	3,624	8,412
183.43	3,349	6,633	183.95	3,629	8,448
183.44	3,355	6,667	183.96	3,634	8,484
183.45	3,360	6,701	183.97	3,640	8,521
183.46	3,365	6,734	183.98	3,645	8,557
183.47	3,371	6,768	183.99	3,651	8,593
183.48	3,376	6,802	184.00	3,656	8,630
183.49	3,382	6,835	184.01	3,662	8,667
183.50	3,387	6,869	184.02	3,667	8,703
183.51	3,392	6,903	184.03	3,673	8,740
183.52	3,398	6,937	184.04	3,679	8,777
183.53	3,403	6,971	184.05	3,685	8,814
183.54	3,409	7,005	184.06	3,690	8,850
183.55	3,414	7,039	184.07	3,696	8,887
183.56	3,419	7,073	184.08	3,702	8,924
183.57	3,425	7,108	184.09	3,707	8,961
183.58	3,430	7,142	184.10	3,713	8,998
183.59	3,435	7,176	184.11	3,719	9,036

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.12	3,725	9,073	184.64	4,021	11,087
184.13	3,730	9,110	184.65	4,027	11,127
184.14	3,736	9,147	184.66	4,033	11,167
184.15	3,742	9,185	184.67	4,039	11,208
184.16	3,747	9,222	184.68	4,044	11,248
184.17	3,753	9,260	184.69	4,050	11,289
184.18	3,759	9,297	184.70	4,056	11,329
184.19	3,764	9,335	184.71	4,061	11,370
184.20	3,770	9,373	184.72	4,067	11,410
184.21	3,776	9,410	184.73	4,073	11,451
184.22	3,782	9,448	184.74	4,079	11,492
184.23	3,787	9,486	184.75	4,084	11,533
184.24	3,793	9,524	184.76	4,090	11,573
184.25	3,799	9,562	184.77	4,096	11,614
184.26	3,804	9,600	184.78	4,101	11,655
184.27	3,810	9,638	184.79	4,107	11,696
184.28	3,816	9,676	184.80	4,113	11,738
184.29	3,822	9,714	184.81	4,119	11,779
184.30	3,827	9,752	184.82	4,124	11,820
184.31	3,833	9,791	184.83	4,130	11,861
184.32	3,839	9,829	184.84	4,136	11,902
184.33	3,844	9,868	184.85	4,141	11,944
184.34	3,850	9,906	184.86	4,147	11,985
184.35	3,856	9,945	184.87	4,153	12,027
184.36	3,862	9,983	184.88	4,158	12,068
184.37	3,867	10,022	184.89	4,164	12,110
184.38	3,873	10,061	184.90	4,170	12,152
184.39	3,879	10,099	184.91	4,176	12,193
184.40	3,884	10,138	184.92	4,181	12,235
184.41	3,890	10,177	184.93	4,187	12,277
184.42	3,896	10,216	184.94	4,193	12,319
184.43	3,902	10,255	184.95	4,198	12,361
184.44	3,907	10,294	184.96	4,204	12,403
184.45	3,913	10,333	184.97	4,210	12,445
184.46	3,919	10,372	184.98	4,216	12,487
184.47	3,924	10,411	184.99	4,221	12,529
184.48	3,930	10,451	185.00	4,227	12,572
184.49	3,936	10,490	185.01	4,233	12,614
184.50	3,942	10,529	185.02	4,239	12,656
184.51	3,947	10,569	185.03	4,245	12,699
184.52	3,953	10,608	185.04	4,251	12,741
184.53	3,959	10,648	185.05	4,257	12,784
184.54	3,964	10,687	185.06	4,263	12,826
184.55	3,970	10,727	185.07	4,269	12,869
184.56	3,976	10,767	185.08	4,275	12,912
184.57	3,981	10,807	185.09	4,281	12,954
184.58	3,987	10,847	185.10	4,287	12,997
184.59	3,993	10,886	185.11	4,293	13,040
184.60	3,999	10,926	185.12	4,299	13,083
184.61	4,004	10,966	185.13	4,306	13,126
184.62	4,010	11,006	185.14	4,312	13,169
184.63	4,016	11,047	185.15	4,318	13,212

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.16	4,324	13,256	185.68	4,638	15,586
185.17	4,330	13,299	185.69	4,644	15,632
185.18	4,336	13,342	185.70	4,650	15,678
185.19	4,342	13,386	185.71	4,656	15,725
185.20	4,348	13,429	185.72	4,662	15,771
185.21	4,354	13,472	185.73	4,668	15,818
185.22	4,360	13,516	185.74	4,674	15,865
185.23	4,366	13,560	185.75	4,680	15,912
185.24	4,372	13,603	185.76	4,686	15,958
185.25	4,378	13,647	185.77	4,692	16,005
185.26	4,384	13,691	185.78	4,698	16,052
185.27	4,390	13,735	185.79	4,704	16,099
185.28	4,396	13,779	185.80	4,710	16,146
185.29	4,402	13,823	185.81	4,716	16,194
185.30	4,408	13,867	185.82	4,722	16,241
185.31	4,414	13,911	185.83	4,728	16,288
185.32	4,420	13,955	185.84	4,734	16,335
185.33	4,426	13,999	185.85	4,740	16,383
185.34	4,432	14,044	185.86	4,746	16,430
185.35	4,438	14,088	185.87	4,752	16,478
185.36	4,444	14,132	185.88	4,759	16,525
185.37	4,450	14,177	185.89	4,765	16,573
185.38	4,457	14,221	185.90	4,771	16,620
185.39	4,463	14,266	185.91	4,777	16,668
185.40	4,469	14,311	185.92	4,783	16,716
185.41	4,475	14,355	185.93	4,789	16,764
185.42	4,481	14,400	185.94	4,795	16,812
185.43	4,487	14,445	185.95	4,801	16,860
185.44	4,493	14,490	185.96	4,807	16,908
185.45	4,499	14,535	185.97	4,813	16,956
185.46	4,505	14,580	185.98	4,819	17,004
185.47	4,511	14,625	185.99	4,825	17,052
185.48	4,517	14,670	186.00	4,831	17,101
185.49	4,523	14,715	186.01	4,837	17,149
185.50	4,529	14,761	186.02	4,844	17,197
185.51	4,535	14,806	186.03	4,850	17,246
185.52	4,541	14,851	186.04	4,856	17,294
185.53	4,547	14,897	186.05	4,863	17,343
185.54	4,553	14,942	186.06	4,869	17,392
185.55	4,559	14,988	186.07	4,876	17,440
185.56	4,565	15,033	186.08	4,882	17,489
185.57	4,571	15,079	186.09	4,888	17,538
185.58	4,577	15,125	186.10	4,895	17,587
185.59	4,583	15,171	186.11	4,901	17,636
185.60	4,589	15,216	186.12	4,907	17,685
185.61	4,595	15,262	186.13	4,914	17,734
185.62	4,601	15,308	186.14	4,920	17,783
185.63	4,608	15,354	186.15	4,927	17,832
185.64	4,614	15,400	186.16	4,933	17,882
185.65	4,620	15,447	186.17	4,939	17,931
185.66	4,626	15,493	186.18	4,946	17,980
185.67	4,632	15,539	186.19	4,952	18,030

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.20	4,958	18,079	186.72	5,290	20,744
186.21	4,965	18,129	186.73	5,296	20,797
186.22	4,971	18,179	186.74	5,302	20,850
186.23	4,978	18,228	186.75	5,309	20,903
186.24	4,984	18,278	186.76	5,315	20,956
186.25	4,990	18,328	186.77	5,321	21,009
186.26	4,997	18,378	186.78	5,328	21,062
186.27	5,003	18,428	186.79	5,334	21,116
186.28	5,009	18,478	186.80	5,341	21,169
186.29	5,016	18,528	186.81	5,347	21,223
186.30	5,022	18,578	186.82	5,353	21,276
186.31	5,028	18,629	186.83	5,360	21,330
186.32	5,035	18,679	186.84	5,366	21,383
186.33	5,041	18,729	186.85	5,372	21,437
186.34	5,048	18,780	186.86	5,379	21,491
186.35	5,054	18,830	186.87	5,385	21,545
186.36	5,060	18,881	186.88	5,392	21,598
186.37	5,067	18,932	186.89	5,398	21,652
186.38	5,073	18,982	186.90	5,404	21,706
186.39	5,079	19,033	186.91	5,411	21,760
186.40	5,086	19,084	186.92	5,417	21,815
186.41	5,092	19,135	186.93	5,423	21,869
186.42	5,099	19,186	186.94	5,430	21,923
186.43	5,105	19,237	186.95	5,436	21,977
186.44	5,111	19,288	186.96	5,443	22,032
186.45	5,118	19,339	186.97	5,449	22,086
186.46	5,124	19,390	186.98	5,455	22,141
186.47	5,130	19,441	186.99	5,462	22,195
186.48	5,137	19,493	187.00	5,468	22,250
186.49	5,143	19,544			
186.50	5,150	19,596			
186.51	5,156	19,647			
186.52	5,162	19,699			
186.53	5,169	19,750			
186.54	5,175	19,802			
186.55	5,181	19,854			
186.56	5,188	19,906			
186.57	5,194	19,958			
186.58	5,200	20,010			
186.59	5,207	20,062			
186.60	5,213	20,114			
186.61	5,220	20,166			
186.62	5,226	20,218			
186.63	5,232	20,270			
186.64	5,239	20,323			
186.65	5,245	20,375			
186.66	5,251	20,428			
186.67	5,258	20,480			
186.68	5,264	20,533			
186.69	5,271	20,586			
186.70	5,277	20,638			
186.71	5,283	20,691			

Summary for Pond B-43: Basin #43

Inflow Area = 2.712 ac, 33.89% Impervious, Inflow Depth = 3.24" for Current 10 yr event
 Inflow = 8.31 cfs @ 12.09 hrs, Volume= 0.732 af
 Outflow = 2.86 cfs @ 12.46 hrs, Volume= 0.596 af, Atten= 66%, Lag= 21.9 min
 Primary = 2.86 cfs @ 12.46 hrs, Volume= 0.596 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 179.25' @ 12.46 hrs Surf.Area= 7,055 sf Storage= 15,868 cf

Plug-Flow detention time= 457.8 min calculated for 0.596 af (81% of inflow)
 Center-of-Mass det. time= 379.5 min (1,174.1 - 794.6)

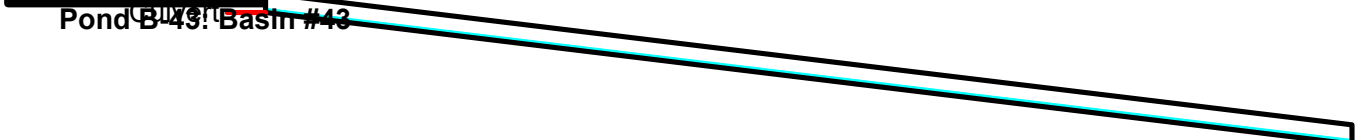
Volume	Invert	Avail.Storage	Storage Description
#1	177.00'	28,220 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
177.00	7,055	0	0
178.00	7,055	7,055	7,055
179.00	7,055	7,055	14,110
180.00	7,055	7,055	21,165
181.00	7,055	7,055	28,220

Device	Routing	Invert	Outlet Devices
#1	Primary	176.30'	18.0" Round Culvert L= 200.0' Ke= 0.500 Inlet / Outlet Invert= 176.30' / 166.10' S= 0.0510 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	177.56'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.90'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

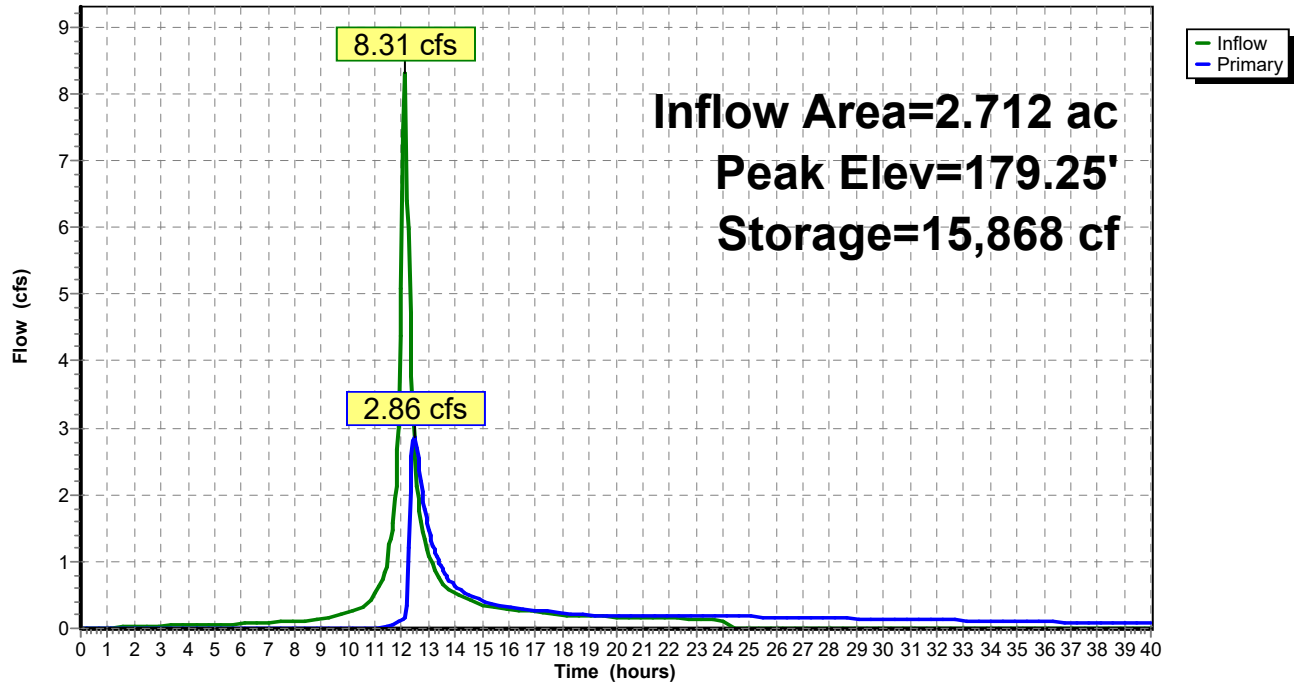
Primary OutFlow Max=2.85 cfs @ 12.46 hrs HW=179.25' (Free Discharge)
 1=Culvert (Passes 2.85 cfs of 12.62 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.06 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.65 cfs @ 1.93 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-43: Basin #43



Pond B-43: Basin #43

Hydrograph



Hydrograph for Pond B-43: Basin #43

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	177.00	0.00
0.10	0.00	0	177.00	0.00
0.20	0.00	0	177.00	0.00
0.30	0.00	0	177.00	0.00
0.40	0.00	0	177.00	0.00
0.50	0.00	0	177.00	0.00
0.60	0.00	0	177.00	0.00
0.70	0.00	0	177.00	0.00
0.80	0.00	0	177.00	0.00
0.90	0.00	1	177.00	0.00
1.00	0.01	3	177.00	0.00
1.10	0.01	5	177.00	0.00
1.20	0.01	9	177.00	0.00
1.30	0.01	13	177.00	0.00
1.40	0.02	18	177.00	0.00
1.50	0.02	24	177.00	0.00
1.60	0.02	30	177.00	0.00
1.70	0.02	38	177.01	0.00
1.80	0.02	45	177.01	0.00
1.90	0.02	54	177.01	0.00
2.00	0.03	63	177.01	0.00
2.10	0.03	72	177.01	0.00
2.20	0.03	83	177.01	0.00
2.30	0.03	93	177.01	0.00
2.40	0.03	105	177.01	0.00
2.50	0.03	116	177.02	0.00
2.60	0.03	128	177.02	0.00
2.70	0.04	141	177.02	0.00
2.80	0.04	154	177.02	0.00
2.90	0.04	168	177.02	0.00
3.00	0.04	182	177.03	0.00
3.10	0.04	196	177.03	0.00
3.20	0.04	211	177.03	0.00
3.30	0.04	226	177.03	0.00
3.40	0.04	242	177.03	0.00
3.50	0.05	258	177.04	0.00
3.60	0.05	274	177.04	0.00
3.70	0.05	291	177.04	0.00
3.80	0.05	308	177.04	0.00
3.90	0.05	326	177.05	0.00
4.00	0.05	344	177.05	0.00
4.10	0.05	362	177.05	0.00
4.20	0.05	380	177.05	0.00
4.30	0.05	399	177.06	0.00
4.40	0.05	418	177.06	0.00
4.50	0.05	437	177.06	0.00
4.60	0.06	457	177.06	0.00
4.70	0.06	477	177.07	0.00
4.80	0.06	497	177.07	0.00
4.90	0.06	518	177.07	0.00
5.00	0.06	539	177.08	0.00
5.10	0.06	560	177.08	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	582	177.08	0.00
5.30	0.06	603	177.09	0.00
5.40	0.06	625	177.09	0.00
5.50	0.06	648	177.09	0.00
5.60	0.06	670	177.09	0.00
5.70	0.06	693	177.10	0.00
5.80	0.06	716	177.10	0.00
5.90	0.07	739	177.10	0.00
6.00	0.07	763	177.11	0.00
6.10	0.07	787	177.11	0.00
6.20	0.07	812	177.12	0.00
6.30	0.07	837	177.12	0.00
6.40	0.07	863	177.12	0.00
6.50	0.08	890	177.13	0.00
6.60	0.08	918	177.13	0.00
6.70	0.08	946	177.13	0.00
6.80	0.08	975	177.14	0.00
6.90	0.08	1,005	177.14	0.00
7.00	0.09	1,035	177.15	0.00
7.10	0.09	1,067	177.15	0.00
7.20	0.09	1,099	177.16	0.00
7.30	0.09	1,131	177.16	0.00
7.40	0.09	1,164	177.17	0.00
7.50	0.10	1,198	177.17	0.00
7.60	0.10	1,233	177.17	0.00
7.70	0.10	1,269	177.18	0.00
7.80	0.10	1,305	177.18	0.00
7.90	0.10	1,342	177.19	0.00
8.00	0.11	1,379	177.20	0.00
8.10	0.11	1,417	177.20	0.00
8.20	0.11	1,456	177.21	0.00
8.30	0.11	1,496	177.21	0.00
8.40	0.11	1,537	177.22	0.00
8.50	0.12	1,578	177.22	0.00
8.60	0.12	1,620	177.23	0.00
8.70	0.12	1,662	177.24	0.00
8.80	0.12	1,706	177.24	0.00
8.90	0.12	1,750	177.25	0.00
9.00	0.13	1,795	177.25	0.00
9.10	0.14	1,843	177.26	0.00
9.20	0.15	1,894	177.27	0.00
9.30	0.16	1,948	177.28	0.00
9.40	0.16	2,006	177.28	0.00
9.50	0.17	2,068	177.29	0.00
9.60	0.19	2,133	177.30	0.00
9.70	0.20	2,202	177.31	0.00
9.80	0.21	2,275	177.32	0.00
9.90	0.22	2,353	177.33	0.00
10.00	0.23	2,434	177.35	0.00
10.10	0.24	2,520	177.36	0.00
10.20	0.26	2,611	177.37	0.00
10.30	0.27	2,706	177.38	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.28	2,806	177.40	0.00
10.50	0.30	2,911	177.41	0.00
10.60	0.33	3,026	177.43	0.00
10.70	0.37	3,155	177.45	0.00
10.80	0.41	3,298	177.47	0.00
10.90	0.46	3,456	177.49	0.00
11.00	0.51	3,631	177.51	0.00
11.10	0.58	3,829	177.54	0.00
11.20	0.66	4,055	177.57	0.00
11.30	0.75	4,311	177.61	0.01
11.40	0.84	4,597	177.65	0.02
11.50	0.95	4,912	177.70	0.03
11.60	1.34	5,328	177.76	0.05
11.70	1.57	5,832	177.83	0.07
11.80	2.12	6,489	177.92	0.08
11.90	3.02	7,401	178.05	0.10
12.00	5.07	8,876	178.26	0.13
12.10	8.26	11,359	178.61	0.16
12.20	6.40	13,753	178.95	0.34
12.30	4.72	15,327	179.17	2.04
12.40	3.25	15,827	179.24	2.79
12.50	2.57	15,844	179.25	2.82
12.60	1.94	15,664	179.22	2.54
12.70	1.59	15,441	179.19	2.21
12.80	1.37	15,230	179.16	1.90
12.90	1.23	15,054	179.13	1.66
13.00	1.11	14,907	179.11	1.47
13.10	0.99	14,780	179.09	1.32
13.20	0.90	14,669	179.08	1.18
13.30	0.82	14,572	179.07	1.07
13.40	0.76	14,486	179.05	0.98
13.50	0.69	14,409	179.04	0.89
13.60	0.63	14,337	179.03	0.82
13.70	0.59	14,272	179.02	0.76
13.80	0.56	14,216	179.01	0.70
13.90	0.54	14,169	179.01	0.66
14.00	0.53	14,131	179.00	0.62
14.10	0.51	14,098	179.00	0.59
14.20	0.49	14,069	178.99	0.57
14.30	0.48	14,042	178.99	0.55
14.40	0.46	14,016	178.99	0.53
14.50	0.44	13,991	178.98	0.51
14.60	0.42	13,968	178.98	0.49
14.70	0.41	13,944	178.98	0.47
14.80	0.39	13,922	178.97	0.45
14.90	0.37	13,899	178.97	0.43
15.00	0.36	13,877	178.97	0.42
15.10	0.34	13,855	178.96	0.40
15.20	0.33	13,834	178.96	0.38
15.30	0.32	13,815	178.96	0.37
15.40	0.32	13,798	178.96	0.36
15.50	0.31	13,782	178.95	0.35

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.31	13,768	178.95	0.35
15.70	0.30	13,755	178.95	0.34
15.80	0.30	13,743	178.95	0.33
15.90	0.29	13,731	178.95	0.32
16.00	0.29	13,721	178.94	0.32
16.10	0.29	13,710	178.94	0.31
16.20	0.28	13,701	178.94	0.31
16.30	0.28	13,691	178.94	0.30
16.40	0.27	13,682	178.94	0.30
16.50	0.27	13,673	178.94	0.29
16.60	0.26	13,664	178.94	0.29
16.70	0.26	13,655	178.94	0.28
16.80	0.25	13,647	178.93	0.28
16.90	0.25	13,638	178.93	0.27
17.00	0.24	13,630	178.93	0.27
17.10	0.24	13,621	178.93	0.26
17.20	0.24	13,613	178.93	0.26
17.30	0.23	13,605	178.93	0.25
17.40	0.23	13,596	178.93	0.25
17.50	0.22	13,588	178.93	0.24
17.60	0.22	13,580	178.92	0.24
17.70	0.21	13,571	178.92	0.24
17.80	0.21	13,563	178.92	0.23
17.90	0.20	13,555	178.92	0.23
18.00	0.20	13,547	178.92	0.22
18.10	0.19	13,538	178.92	0.22
18.20	0.19	13,529	178.92	0.22
18.30	0.19	13,520	178.92	0.21
18.40	0.19	13,511	178.92	0.21
18.50	0.19	13,503	178.91	0.21
18.60	0.19	13,495	178.91	0.21
18.70	0.18	13,488	178.91	0.21
18.80	0.18	13,481	178.91	0.20
18.90	0.18	13,474	178.91	0.20
19.00	0.18	13,467	178.91	0.20
19.10	0.18	13,460	178.91	0.20
19.20	0.18	13,454	178.91	0.20
19.30	0.18	13,448	178.91	0.19
19.40	0.18	13,442	178.91	0.19
19.50	0.18	13,437	178.90	0.19
19.60	0.17	13,431	178.90	0.19
19.70	0.17	13,426	178.90	0.19
19.80	0.17	13,421	178.90	0.19
19.90	0.17	13,415	178.90	0.19
20.00	0.17	13,410	178.90	0.18
20.10	0.17	13,405	178.90	0.18
20.20	0.17	13,400	178.90	0.18
20.30	0.17	13,395	178.90	0.18
20.40	0.17	13,389	178.90	0.18
20.50	0.16	13,383	178.90	0.18
20.60	0.16	13,376	178.90	0.18
20.70	0.16	13,369	178.89	0.18

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	13,362	178.89	0.18
20.90	0.16	13,354	178.89	0.18
21.00	0.16	13,346	178.89	0.18
21.10	0.16	13,337	178.89	0.18
21.20	0.16	13,328	178.89	0.18
21.30	0.16	13,319	178.89	0.18
21.40	0.15	13,310	178.89	0.18
21.50	0.15	13,300	178.89	0.18
21.60	0.15	13,289	178.88	0.18
21.70	0.15	13,278	178.88	0.18
21.80	0.15	13,267	178.88	0.18
21.90	0.15	13,256	178.88	0.18
22.00	0.15	13,244	178.88	0.18
22.10	0.15	13,231	178.88	0.18
22.20	0.15	13,219	178.87	0.18
22.30	0.14	13,206	178.87	0.18
22.40	0.14	13,193	178.87	0.18
22.50	0.14	13,179	178.87	0.18
22.60	0.14	13,165	178.87	0.18
22.70	0.14	13,150	178.86	0.18
22.80	0.14	13,136	178.86	0.18
22.90	0.14	13,120	178.86	0.18
23.00	0.14	13,105	178.86	0.18
23.10	0.13	13,089	178.86	0.18
23.20	0.13	13,073	178.85	0.18
23.30	0.13	13,056	178.85	0.18
23.40	0.13	13,039	178.85	0.18
23.50	0.13	13,022	178.85	0.18
23.60	0.13	13,004	178.84	0.18
23.70	0.13	12,986	178.84	0.18
23.80	0.13	12,968	178.84	0.18
23.90	0.13	12,949	178.84	0.18
24.00	0.13	12,933	178.83	0.18
24.10	0.07	12,904	178.83	0.18
24.20	0.03	12,859	178.82	0.18
24.30	0.01	12,803	178.81	0.18
24.40	0.00	12,741	178.81	0.18
24.50	0.00	12,679	178.80	0.17
24.60	0.00	12,616	178.79	0.17
24.70	0.00	12,554	178.78	0.17
24.80	0.00	12,491	178.77	0.17
24.90	0.00	12,429	178.76	0.17
25.00	0.00	12,368	178.75	0.17
25.10	0.00	12,306	178.74	0.17
25.20	0.00	12,245	178.74	0.17
25.30	0.00	12,184	178.73	0.17
25.40	0.00	12,123	178.72	0.17
25.50	0.00	12,062	178.71	0.17
25.60	0.00	12,002	178.70	0.17
25.70	0.00	11,942	178.69	0.17
25.80	0.00	11,882	178.68	0.17
25.90	0.00	11,823	178.68	0.17

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,763	178.67	0.16
26.10	0.00	11,704	178.66	0.16
26.20	0.00	11,646	178.65	0.16
26.30	0.00	11,587	178.64	0.16
26.40	0.00	11,529	178.63	0.16
26.50	0.00	11,471	178.63	0.16
26.60	0.00	11,413	178.62	0.16
26.70	0.00	11,355	178.61	0.16
26.80	0.00	11,298	178.60	0.16
26.90	0.00	11,241	178.59	0.16
27.00	0.00	11,184	178.59	0.16
27.10	0.00	11,127	178.58	0.16
27.20	0.00	11,071	178.57	0.16
27.30	0.00	11,015	178.56	0.16
27.40	0.00	10,959	178.55	0.15
27.50	0.00	10,903	178.55	0.15
27.60	0.00	10,848	178.54	0.15
27.70	0.00	10,793	178.53	0.15
27.80	0.00	10,738	178.52	0.15
27.90	0.00	10,684	178.51	0.15
28.00	0.00	10,629	178.51	0.15
28.10	0.00	10,575	178.50	0.15
28.20	0.00	10,521	178.49	0.15
28.30	0.00	10,468	178.48	0.15
28.40	0.00	10,414	178.48	0.15
28.50	0.00	10,361	178.47	0.15
28.60	0.00	10,308	178.46	0.15
28.70	0.00	10,256	178.45	0.15
28.80	0.00	10,203	178.45	0.15
28.90	0.00	10,151	178.44	0.14
29.00	0.00	10,099	178.43	0.14
29.10	0.00	10,048	178.42	0.14
29.20	0.00	9,996	178.42	0.14
29.30	0.00	9,945	178.41	0.14
29.40	0.00	9,894	178.40	0.14
29.50	0.00	9,844	178.40	0.14
29.60	0.00	9,793	178.39	0.14
29.70	0.00	9,743	178.38	0.14
29.80	0.00	9,693	178.37	0.14
29.90	0.00	9,644	178.37	0.14
30.00	0.00	9,594	178.36	0.14
30.10	0.00	9,545	178.35	0.14
30.20	0.00	9,496	178.35	0.14
30.30	0.00	9,447	178.34	0.13
30.40	0.00	9,399	178.33	0.13
30.50	0.00	9,351	178.33	0.13
30.60	0.00	9,303	178.32	0.13
30.70	0.00	9,255	178.31	0.13
30.80	0.00	9,208	178.31	0.13
30.90	0.00	9,161	178.30	0.13
31.00	0.00	9,114	178.29	0.13
31.10	0.00	9,067	178.29	0.13

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,021	178.28	0.13
31.30	0.00	8,974	178.27	0.13
31.40	0.00	8,928	178.27	0.13
31.50	0.00	8,883	178.26	0.13
31.60	0.00	8,837	178.25	0.13
31.70	0.00	8,792	178.25	0.13
31.80	0.00	8,747	178.24	0.12
31.90	0.00	8,702	178.23	0.12
32.00	0.00	8,658	178.23	0.12
32.10	0.00	8,614	178.22	0.12
32.20	0.00	8,570	178.21	0.12
32.30	0.00	8,526	178.21	0.12
32.40	0.00	8,483	178.20	0.12
32.50	0.00	8,439	178.20	0.12
32.60	0.00	8,396	178.19	0.12
32.70	0.00	8,354	178.18	0.12
32.80	0.00	8,311	178.18	0.12
32.90	0.00	8,269	178.17	0.12
33.00	0.00	8,227	178.17	0.12
33.10	0.00	8,185	178.16	0.12
33.20	0.00	8,144	178.15	0.11
33.30	0.00	8,103	178.15	0.11
33.40	0.00	8,062	178.14	0.11
33.50	0.00	8,021	178.14	0.11
33.60	0.00	7,980	178.13	0.11
33.70	0.00	7,940	178.13	0.11
33.80	0.00	7,900	178.12	0.11
33.90	0.00	7,860	178.11	0.11
34.00	0.00	7,821	178.11	0.11
34.10	0.00	7,782	178.10	0.11
34.20	0.00	7,743	178.10	0.11
34.30	0.00	7,704	178.09	0.11
34.40	0.00	7,665	178.09	0.11
34.50	0.00	7,627	178.08	0.11
34.60	0.00	7,589	178.08	0.11
34.70	0.00	7,551	178.07	0.10
34.80	0.00	7,514	178.07	0.10
34.90	0.00	7,476	178.06	0.10
35.00	0.00	7,439	178.05	0.10
35.10	0.00	7,403	178.05	0.10
35.20	0.00	7,366	178.04	0.10
35.30	0.00	7,330	178.04	0.10
35.40	0.00	7,294	178.03	0.10
35.50	0.00	7,258	178.03	0.10
35.60	0.00	7,222	178.02	0.10
35.70	0.00	7,187	178.02	0.10
35.80	0.00	7,152	178.01	0.10
35.90	0.00	7,117	178.01	0.10
36.00	0.00	7,083	178.00	0.10
36.10	0.00	7,048	178.00	0.09
36.20	0.00	7,014	177.99	0.09
36.30	0.00	6,980	177.99	0.09

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,947	177.98	0.09
36.50	0.00	6,914	177.98	0.09
36.60	0.00	6,881	177.98	0.09
36.70	0.00	6,848	177.97	0.09
36.80	0.00	6,815	177.97	0.09
36.90	0.00	6,783	177.96	0.09
37.00	0.00	6,751	177.96	0.09
37.10	0.00	6,719	177.95	0.09
37.20	0.00	6,687	177.95	0.09
37.30	0.00	6,656	177.94	0.09
37.40	0.00	6,625	177.94	0.09
37.50	0.00	6,594	177.93	0.09
37.60	0.00	6,563	177.93	0.08
37.70	0.00	6,533	177.93	0.08
37.80	0.00	6,503	177.92	0.08
37.90	0.00	6,473	177.92	0.08
38.00	0.00	6,444	177.91	0.08
38.10	0.00	6,414	177.91	0.08
38.20	0.00	6,385	177.91	0.08
38.30	0.00	6,356	177.90	0.08
38.40	0.00	6,328	177.90	0.08
38.50	0.00	6,299	177.89	0.08
38.60	0.00	6,271	177.89	0.08
38.70	0.00	6,243	177.88	0.08
38.80	0.00	6,216	177.88	0.08
38.90	0.00	6,188	177.88	0.08
39.00	0.00	6,161	177.87	0.08
39.10	0.00	6,134	177.87	0.07
39.20	0.00	6,108	177.87	0.07
39.30	0.00	6,081	177.86	0.07
39.40	0.00	6,055	177.86	0.07
39.50	0.00	6,029	177.85	0.07
39.60	0.00	6,004	177.85	0.07
39.70	0.00	5,978	177.85	0.07
39.80	0.00	5,953	177.84	0.07
39.90	0.00	5,928	177.84	0.07
40.00	0.00	5,903	177.84	0.07

Stage-Discharge for Pond B-43: Basin #43

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
177.00	0.00	177.52	0.00	178.04	0.10	178.56	0.16
177.01	0.00	177.53	0.00	178.05	0.10	178.57	0.16
177.02	0.00	177.54	0.00	178.06	0.10	178.58	0.16
177.03	0.00	177.55	0.00	178.07	0.10	178.59	0.16
177.04	0.00	177.56	0.00	178.08	0.11	178.60	0.16
177.05	0.00	177.57	0.00	178.09	0.11	178.61	0.16
177.06	0.00	177.58	0.00	178.10	0.11	178.62	0.16
177.07	0.00	177.59	0.00	178.11	0.11	178.63	0.16
177.08	0.00	177.60	0.00	178.12	0.11	178.64	0.16
177.09	0.00	177.61	0.00	178.13	0.11	178.65	0.16
177.10	0.00	177.62	0.01	178.14	0.11	178.66	0.16
177.11	0.00	177.63	0.01	178.15	0.11	178.67	0.16
177.12	0.00	177.64	0.01	178.16	0.12	178.68	0.17
177.13	0.00	177.65	0.01	178.17	0.12	178.69	0.17
177.14	0.00	177.66	0.02	178.18	0.12	178.70	0.17
177.15	0.00	177.67	0.02	178.19	0.12	178.71	0.17
177.16	0.00	177.68	0.02	178.20	0.12	178.72	0.17
177.17	0.00	177.69	0.03	178.21	0.12	178.73	0.17
177.18	0.00	177.70	0.03	178.22	0.12	178.74	0.17
177.19	0.00	177.71	0.03	178.23	0.12	178.75	0.17
177.20	0.00	177.72	0.04	178.24	0.12	178.76	0.17
177.21	0.00	177.73	0.04	178.25	0.13	178.77	0.17
177.22	0.00	177.74	0.05	178.26	0.13	178.78	0.17
177.23	0.00	177.75	0.05	178.27	0.13	178.79	0.17
177.24	0.00	177.76	0.05	178.28	0.13	178.80	0.17
177.25	0.00	177.77	0.05	178.29	0.13	178.81	0.18
177.26	0.00	177.78	0.06	178.30	0.13	178.82	0.18
177.27	0.00	177.79	0.06	178.31	0.13	178.83	0.18
177.28	0.00	177.80	0.06	178.32	0.13	178.84	0.18
177.29	0.00	177.81	0.06	178.33	0.13	178.85	0.18
177.30	0.00	177.82	0.06	178.34	0.13	178.86	0.18
177.31	0.00	177.83	0.07	178.35	0.14	178.87	0.18
177.32	0.00	177.84	0.07	178.36	0.14	178.88	0.18
177.33	0.00	177.85	0.07	178.37	0.14	178.89	0.18
177.34	0.00	177.86	0.07	178.38	0.14	178.90	0.18
177.35	0.00	177.87	0.07	178.39	0.14	178.91	0.20
177.36	0.00	177.88	0.08	178.40	0.14	178.92	0.22
177.37	0.00	177.89	0.08	178.41	0.14	178.93	0.25
177.38	0.00	177.90	0.08	178.42	0.14	178.94	0.29
177.39	0.00	177.91	0.08	178.43	0.14	178.95	0.33
177.40	0.00	177.92	0.08	178.44	0.14	178.96	0.38
177.41	0.00	177.93	0.08	178.45	0.15	178.97	0.43
177.42	0.00	177.94	0.09	178.46	0.15	178.98	0.48
177.43	0.00	177.95	0.09	178.47	0.15	178.99	0.54
177.44	0.00	177.96	0.09	178.48	0.15	179.00	0.60
177.45	0.00	177.97	0.09	178.49	0.15	179.01	0.66
177.46	0.00	177.98	0.09	178.50	0.15	179.02	0.73
177.47	0.00	177.99	0.09	178.51	0.15	179.03	0.80
177.48	0.00	178.00	0.10	178.52	0.15	179.04	0.87
177.49	0.00	178.01	0.10	178.53	0.15	179.05	0.95
177.50	0.00	178.02	0.10	178.54	0.15	179.06	1.02
177.51	0.00	178.03	0.10	178.55	0.15	179.07	1.10

Stage-Discharge for Pond B-43: Basin #43 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.08	1.19	179.60	7.62	180.12	14.91	180.64	22.29
179.09	1.27	179.61	7.78	180.13	14.93	180.65	22.99
179.10	1.35	179.62	7.93	180.14	14.96	180.66	23.71
179.11	1.44	179.63	8.09	180.15	14.98	180.67	24.46
179.12	1.53	179.64	8.25	180.16	15.01	180.68	25.22
179.13	1.62	179.65	8.41	180.17	15.03	180.69	26.01
179.14	1.72	179.66	8.57	180.18	15.05	180.70	26.82
179.15	1.81	179.67	8.73	180.19	15.08	180.71	27.69
179.16	1.91	179.68	8.89	180.20	15.10	180.72	28.58
179.17	2.01	179.69	9.06	180.21	15.13	180.73	29.50
179.18	2.11	179.70	9.22	180.22	15.15	180.74	30.45
179.19	2.22	179.71	9.38	180.23	15.17	180.75	31.42
179.20	2.32	179.72	9.55	180.24	15.20	180.76	32.42
179.21	2.43	179.73	9.72	180.25	15.22	180.77	33.44
179.22	2.53	179.74	9.88	180.26	15.24	180.78	34.48
179.23	2.64	179.75	10.05	180.27	15.27	180.79	35.55
179.24	2.76	179.76	10.22	180.28	15.29	180.80	36.65
179.25	2.87	179.77	10.39	180.29	15.32	180.81	37.76
179.26	2.98	179.78	10.56	180.30	15.34	180.82	38.91
179.27	3.10	179.79	10.73	180.31	15.36	180.83	40.08
179.28	3.21	179.80	10.91	180.32	15.39	180.84	41.27
179.29	3.33	179.81	11.08	180.33	15.41	180.85	42.48
179.30	3.45	179.82	11.25	180.34	15.43	180.86	43.72
179.31	3.57	179.83	11.43	180.35	15.46	180.87	44.99
179.32	3.70	179.84	11.60	180.36	15.48	180.88	46.28
179.33	3.82	179.85	11.78	180.37	15.50	180.89	47.59
179.34	3.95	179.86	11.96	180.38	15.53	180.90	48.93
179.35	4.07	179.87	12.13	180.39	15.55	180.91	50.31
179.36	4.20	179.88	12.31	180.40	15.57	180.92	51.73
179.37	4.33	179.89	12.49	180.41	15.60	180.93	53.17
179.38	4.46	179.90	12.67	180.42	15.62	180.94	54.63
179.39	4.59	179.91	12.85	180.43	15.64	180.95	56.12
179.40	4.73	179.92	13.03	180.44	15.67	180.96	57.64
179.41	4.86	179.93	13.22	180.45	15.69	180.97	59.19
179.42	4.99	179.94	13.40	180.46	15.71	180.98	60.76
179.43	5.13	179.95	13.58	180.47	15.74	180.99	62.35
179.44	5.27	179.96	13.77	180.48	15.76	181.00	63.98
179.45	5.41	179.97	13.95	180.49	15.78		
179.46	5.55	179.98	14.14	180.50	15.80		
179.47	5.69	179.99	14.32	180.51	15.94		
179.48	5.83	180.00	14.51	180.52	16.18		
179.49	5.97	180.01	14.64	180.53	16.48		
179.50	6.12	180.02	14.66	180.54	16.83		
179.51	6.26	180.03	14.69	180.55	17.23		
179.52	6.41	180.04	14.71	180.56	17.67		
179.53	6.56	180.05	14.74	180.57	18.14		
179.54	6.71	180.06	14.76	180.58	18.64		
179.55	6.86	180.07	14.79	180.59	19.18		
179.56	7.01	180.08	14.81	180.60	19.75		
179.57	7.16	180.09	14.84	180.61	20.35		
179.58	7.31	180.10	14.86	180.62	20.97		
179.59	7.47	180.11	14.88	180.63	21.62		

Stage-Area-Storage for Pond B-43: Basin #43

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.00	7,055	0	177.52	7,055	3,669
177.01	7,055	71	177.53	7,055	3,739
177.02	7,055	141	177.54	7,055	3,810
177.03	7,055	212	177.55	7,055	3,880
177.04	7,055	282	177.56	7,055	3,951
177.05	7,055	353	177.57	7,055	4,021
177.06	7,055	423	177.58	7,055	4,092
177.07	7,055	494	177.59	7,055	4,162
177.08	7,055	564	177.60	7,055	4,233
177.09	7,055	635	177.61	7,055	4,304
177.10	7,055	705	177.62	7,055	4,374
177.11	7,055	776	177.63	7,055	4,445
177.12	7,055	847	177.64	7,055	4,515
177.13	7,055	917	177.65	7,055	4,586
177.14	7,055	988	177.66	7,055	4,656
177.15	7,055	1,058	177.67	7,055	4,727
177.16	7,055	1,129	177.68	7,055	4,797
177.17	7,055	1,199	177.69	7,055	4,868
177.18	7,055	1,270	177.70	7,055	4,938
177.19	7,055	1,340	177.71	7,055	5,009
177.20	7,055	1,411	177.72	7,055	5,080
177.21	7,055	1,482	177.73	7,055	5,150
177.22	7,055	1,552	177.74	7,055	5,221
177.23	7,055	1,623	177.75	7,055	5,291
177.24	7,055	1,693	177.76	7,055	5,362
177.25	7,055	1,764	177.77	7,055	5,432
177.26	7,055	1,834	177.78	7,055	5,503
177.27	7,055	1,905	177.79	7,055	5,573
177.28	7,055	1,975	177.80	7,055	5,644
177.29	7,055	2,046	177.81	7,055	5,715
177.30	7,055	2,117	177.82	7,055	5,785
177.31	7,055	2,187	177.83	7,055	5,856
177.32	7,055	2,258	177.84	7,055	5,926
177.33	7,055	2,328	177.85	7,055	5,997
177.34	7,055	2,399	177.86	7,055	6,067
177.35	7,055	2,469	177.87	7,055	6,138
177.36	7,055	2,540	177.88	7,055	6,208
177.37	7,055	2,610	177.89	7,055	6,279
177.38	7,055	2,681	177.90	7,055	6,350
177.39	7,055	2,751	177.91	7,055	6,420
177.40	7,055	2,822	177.92	7,055	6,491
177.41	7,055	2,893	177.93	7,055	6,561
177.42	7,055	2,963	177.94	7,055	6,632
177.43	7,055	3,034	177.95	7,055	6,702
177.44	7,055	3,104	177.96	7,055	6,773
177.45	7,055	3,175	177.97	7,055	6,843
177.46	7,055	3,245	177.98	7,055	6,914
177.47	7,055	3,316	177.99	7,055	6,984
177.48	7,055	3,386	178.00	7,055	7,055
177.49	7,055	3,457	178.01	7,055	7,126
177.50	7,055	3,528	178.02	7,055	7,196
177.51	7,055	3,598	178.03	7,055	7,267

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.04	7,055	7,337	178.56	7,055	11,006
178.05	7,055	7,408	178.57	7,055	11,076
178.06	7,055	7,478	178.58	7,055	11,147
178.07	7,055	7,549	178.59	7,055	11,217
178.08	7,055	7,619	178.60	7,055	11,288
178.09	7,055	7,690	178.61	7,055	11,359
178.10	7,055	7,760	178.62	7,055	11,429
178.11	7,055	7,831	178.63	7,055	11,500
178.12	7,055	7,902	178.64	7,055	11,570
178.13	7,055	7,972	178.65	7,055	11,641
178.14	7,055	8,043	178.66	7,055	11,711
178.15	7,055	8,113	178.67	7,055	11,782
178.16	7,055	8,184	178.68	7,055	11,852
178.17	7,055	8,254	178.69	7,055	11,923
178.18	7,055	8,325	178.70	7,055	11,993
178.19	7,055	8,395	178.71	7,055	12,064
178.20	7,055	8,466	178.72	7,055	12,135
178.21	7,055	8,537	178.73	7,055	12,205
178.22	7,055	8,607	178.74	7,055	12,276
178.23	7,055	8,678	178.75	7,055	12,346
178.24	7,055	8,748	178.76	7,055	12,417
178.25	7,055	8,819	178.77	7,055	12,487
178.26	7,055	8,889	178.78	7,055	12,558
178.27	7,055	8,960	178.79	7,055	12,628
178.28	7,055	9,030	178.80	7,055	12,699
178.29	7,055	9,101	178.81	7,055	12,770
178.30	7,055	9,172	178.82	7,055	12,840
178.31	7,055	9,242	178.83	7,055	12,911
178.32	7,055	9,313	178.84	7,055	12,981
178.33	7,055	9,383	178.85	7,055	13,052
178.34	7,055	9,454	178.86	7,055	13,122
178.35	7,055	9,524	178.87	7,055	13,193
178.36	7,055	9,595	178.88	7,055	13,263
178.37	7,055	9,665	178.89	7,055	13,334
178.38	7,055	9,736	178.90	7,055	13,405
178.39	7,055	9,806	178.91	7,055	13,475
178.40	7,055	9,877	178.92	7,055	13,546
178.41	7,055	9,948	178.93	7,055	13,616
178.42	7,055	10,018	178.94	7,055	13,687
178.43	7,055	10,089	178.95	7,055	13,757
178.44	7,055	10,159	178.96	7,055	13,828
178.45	7,055	10,230	178.97	7,055	13,898
178.46	7,055	10,300	178.98	7,055	13,969
178.47	7,055	10,371	178.99	7,055	14,039
178.48	7,055	10,441	179.00	7,055	14,110
178.49	7,055	10,512	179.01	7,055	14,181
178.50	7,055	10,583	179.02	7,055	14,251
178.51	7,055	10,653	179.03	7,055	14,322
178.52	7,055	10,724	179.04	7,055	14,392
178.53	7,055	10,794	179.05	7,055	14,463
178.54	7,055	10,865	179.06	7,055	14,533
178.55	7,055	10,935	179.07	7,055	14,604

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.08	7,055	14,674	179.60	7,055	18,343
179.09	7,055	14,745	179.61	7,055	18,414
179.10	7,055	14,815	179.62	7,055	18,484
179.11	7,055	14,886	179.63	7,055	18,555
179.12	7,055	14,957	179.64	7,055	18,625
179.13	7,055	15,027	179.65	7,055	18,696
179.14	7,055	15,098	179.66	7,055	18,766
179.15	7,055	15,168	179.67	7,055	18,837
179.16	7,055	15,239	179.68	7,055	18,907
179.17	7,055	15,309	179.69	7,055	18,978
179.18	7,055	15,380	179.70	7,055	19,048
179.19	7,055	15,450	179.71	7,055	19,119
179.20	7,055	15,521	179.72	7,055	19,190
179.21	7,055	15,592	179.73	7,055	19,260
179.22	7,055	15,662	179.74	7,055	19,331
179.23	7,055	15,733	179.75	7,055	19,401
179.24	7,055	15,803	179.76	7,055	19,472
179.25	7,055	15,874	179.77	7,055	19,542
179.26	7,055	15,944	179.78	7,055	19,613
179.27	7,055	16,015	179.79	7,055	19,683
179.28	7,055	16,085	179.80	7,055	19,754
179.29	7,055	16,156	179.81	7,055	19,825
179.30	7,055	16,227	179.82	7,055	19,895
179.31	7,055	16,297	179.83	7,055	19,966
179.32	7,055	16,368	179.84	7,055	20,036
179.33	7,055	16,438	179.85	7,055	20,107
179.34	7,055	16,509	179.86	7,055	20,177
179.35	7,055	16,579	179.87	7,055	20,248
179.36	7,055	16,650	179.88	7,055	20,318
179.37	7,055	16,720	179.89	7,055	20,389
179.38	7,055	16,791	179.90	7,055	20,460
179.39	7,055	16,861	179.91	7,055	20,530
179.40	7,055	16,932	179.92	7,055	20,601
179.41	7,055	17,003	179.93	7,055	20,671
179.42	7,055	17,073	179.94	7,055	20,742
179.43	7,055	17,144	179.95	7,055	20,812
179.44	7,055	17,214	179.96	7,055	20,883
179.45	7,055	17,285	179.97	7,055	20,953
179.46	7,055	17,355	179.98	7,055	21,024
179.47	7,055	17,426	179.99	7,055	21,094
179.48	7,055	17,496	180.00	7,055	21,165
179.49	7,055	17,567	180.01	7,055	21,236
179.50	7,055	17,638	180.02	7,055	21,306
179.51	7,055	17,708	180.03	7,055	21,377
179.52	7,055	17,779	180.04	7,055	21,447
179.53	7,055	17,849	180.05	7,055	21,518
179.54	7,055	17,920	180.06	7,055	21,588
179.55	7,055	17,990	180.07	7,055	21,659
179.56	7,055	18,061	180.08	7,055	21,729
179.57	7,055	18,131	180.09	7,055	21,800
179.58	7,055	18,202	180.10	7,055	21,870
179.59	7,055	18,272	180.11	7,055	21,941

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.12	7,055	22,012	180.64	7,055	25,680
180.13	7,055	22,082	180.65	7,055	25,751
180.14	7,055	22,153	180.66	7,055	25,821
180.15	7,055	22,223	180.67	7,055	25,892
180.16	7,055	22,294	180.68	7,055	25,962
180.17	7,055	22,364	180.69	7,055	26,033
180.18	7,055	22,435	180.70	7,055	26,103
180.19	7,055	22,505	180.71	7,055	26,174
180.20	7,055	22,576	180.72	7,055	26,245
180.21	7,055	22,647	180.73	7,055	26,315
180.22	7,055	22,717	180.74	7,055	26,386
180.23	7,055	22,788	180.75	7,055	26,456
180.24	7,055	22,858	180.76	7,055	26,527
180.25	7,055	22,929	180.77	7,055	26,597
180.26	7,055	22,999	180.78	7,055	26,668
180.27	7,055	23,070	180.79	7,055	26,738
180.28	7,055	23,140	180.80	7,055	26,809
180.29	7,055	23,211	180.81	7,055	26,880
180.30	7,055	23,282	180.82	7,055	26,950
180.31	7,055	23,352	180.83	7,055	27,021
180.32	7,055	23,423	180.84	7,055	27,091
180.33	7,055	23,493	180.85	7,055	27,162
180.34	7,055	23,564	180.86	7,055	27,232
180.35	7,055	23,634	180.87	7,055	27,303
180.36	7,055	23,705	180.88	7,055	27,373
180.37	7,055	23,775	180.89	7,055	27,444
180.38	7,055	23,846	180.90	7,055	27,515
180.39	7,055	23,916	180.91	7,055	27,585
180.40	7,055	23,987	180.92	7,055	27,656
180.41	7,055	24,058	180.93	7,055	27,726
180.42	7,055	24,128	180.94	7,055	27,797
180.43	7,055	24,199	180.95	7,055	27,867
180.44	7,055	24,269	180.96	7,055	27,938
180.45	7,055	24,340	180.97	7,055	28,008
180.46	7,055	24,410	180.98	7,055	28,079
180.47	7,055	24,481	180.99	7,055	28,149
180.48	7,055	24,551	181.00	7,055	28,220
180.49	7,055	24,622			
180.50	7,055	24,693			
180.51	7,055	24,763			
180.52	7,055	24,834			
180.53	7,055	24,904			
180.54	7,055	24,975			
180.55	7,055	25,045			
180.56	7,055	25,116			
180.57	7,055	25,186			
180.58	7,055	25,257			
180.59	7,055	25,327			
180.60	7,055	25,398			
180.61	7,055	25,469			
180.62	7,055	25,539			
180.63	7,055	25,610			

Summary for Pond B-44: Basin #44

Inflow Area = 1.184 ac, 34.71% Impervious, Inflow Depth = 3.26" for Current 10 yr event
 Inflow = 3.96 cfs @ 12.17 hrs, Volume= 0.321 af
 Outflow = 0.15 cfs @ 15.05 hrs, Volume= 0.254 af, Atten= 96%, Lag= 172.4 min
 Primary = 0.15 cfs @ 15.05 hrs, Volume= 0.254 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 167.21' @ 15.05 hrs Surf.Area= 7,939 sf Storage= 9,613 cf

Plug-Flow detention time= 687.1 min calculated for 0.254 af (79% of inflow)
 Center-of-Mass det. time= 603.1 min (1,399.8 - 796.7)

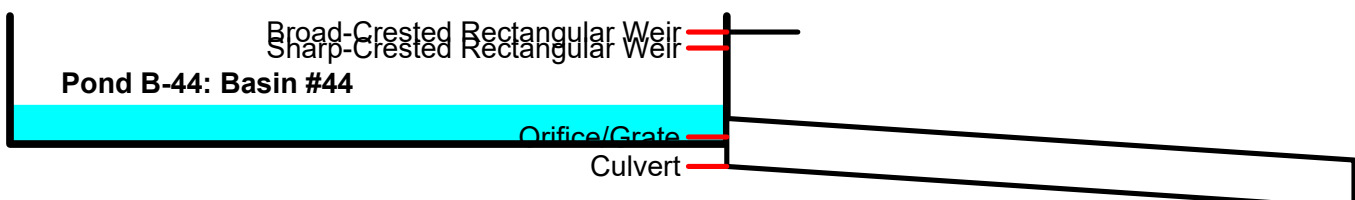
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	31,756 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,939	0	0
167.00	7,939	7,939	7,939
168.00	7,939	7,939	15,878
169.00	7,939	7,939	23,817
170.00	7,939	7,939	31,756

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 44.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0295 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

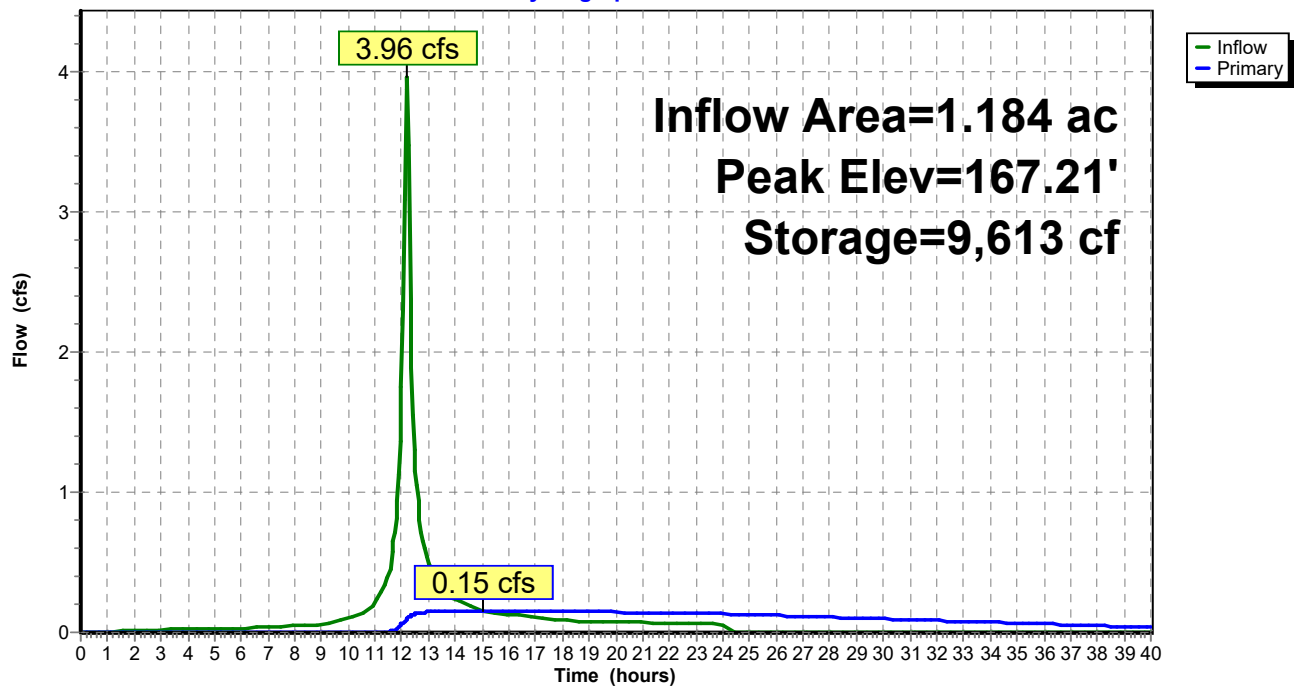
Primary OutFlow Max=0.15 cfs @ 15.05 hrs HW=167.21' (Free Discharge)

1=Culvert (Passes 0.15 cfs of 9.17 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.53 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-44: Basin #44

Hydrograph



Hydrograph for Pond B-44: Basin #44

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	0	166.00	0.00
1.10	0.00	1	166.00	0.00
1.20	0.00	2	166.00	0.00
1.30	0.00	4	166.00	0.00
1.40	0.01	5	166.00	0.00
1.50	0.01	8	166.00	0.00
1.60	0.01	10	166.00	0.00
1.70	0.01	13	166.00	0.00
1.80	0.01	16	166.00	0.00
1.90	0.01	19	166.00	0.00
2.00	0.01	23	166.00	0.00
2.10	0.01	27	166.00	0.00
2.20	0.01	31	166.00	0.00
2.30	0.01	36	166.00	0.00
2.40	0.01	40	166.01	0.00
2.50	0.01	45	166.01	0.00
2.60	0.01	51	166.01	0.00
2.70	0.02	56	166.01	0.00
2.80	0.02	62	166.01	0.00
2.90	0.02	67	166.01	0.00
3.00	0.02	73	166.01	0.00
3.10	0.02	80	166.01	0.00
3.20	0.02	86	166.01	0.00
3.30	0.02	93	166.01	0.00
3.40	0.02	99	166.01	0.00
3.50	0.02	106	166.01	0.00
3.60	0.02	114	166.01	0.00
3.70	0.02	121	166.02	0.00
3.80	0.02	128	166.02	0.00
3.90	0.02	136	166.02	0.00
4.00	0.02	144	166.02	0.00
4.10	0.02	152	166.02	0.00
4.20	0.02	160	166.02	0.00
4.30	0.02	168	166.02	0.00
4.40	0.02	176	166.02	0.00
4.50	0.02	185	166.02	0.00
4.60	0.02	193	166.02	0.00
4.70	0.02	202	166.03	0.00
4.80	0.02	211	166.03	0.00
4.90	0.03	220	166.03	0.00
5.00	0.03	229	166.03	0.00
5.10	0.03	239	166.03	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	248	166.03	0.00
5.30	0.03	258	166.03	0.00
5.40	0.03	267	166.03	0.00
5.50	0.03	277	166.03	0.00
5.60	0.03	287	166.04	0.00
5.70	0.03	297	166.04	0.00
5.80	0.03	307	166.04	0.00
5.90	0.03	317	166.04	0.00
6.00	0.03	328	166.04	0.00
6.10	0.03	338	166.04	0.00
6.20	0.03	349	166.04	0.00
6.30	0.03	360	166.05	0.00
6.40	0.03	371	166.05	0.00
6.50	0.03	383	166.05	0.00
6.60	0.03	395	166.05	0.00
6.70	0.03	407	166.05	0.00
6.80	0.04	420	166.05	0.00
6.90	0.04	433	166.05	0.00
7.00	0.04	446	166.06	0.00
7.10	0.04	459	166.06	0.00
7.20	0.04	473	166.06	0.00
7.30	0.04	488	166.06	0.00
7.40	0.04	502	166.06	0.00
7.50	0.04	517	166.07	0.00
7.60	0.04	532	166.07	0.00
7.70	0.04	547	166.07	0.00
7.80	0.04	563	166.07	0.00
7.90	0.05	579	166.07	0.00
8.00	0.05	596	166.08	0.00
8.10	0.05	612	166.08	0.00
8.20	0.05	629	166.08	0.00
8.30	0.05	647	166.08	0.00
8.40	0.05	664	166.08	0.00
8.50	0.05	682	166.09	0.00
8.60	0.05	701	166.09	0.00
8.70	0.05	719	166.09	0.00
8.80	0.05	738	166.09	0.00
8.90	0.05	758	166.10	0.00
9.00	0.06	778	166.10	0.00
9.10	0.06	798	166.10	0.00
9.20	0.06	820	166.10	0.00
9.30	0.07	843	166.11	0.00
9.40	0.07	867	166.11	0.00
9.50	0.07	893	166.11	0.00
9.60	0.08	921	166.12	0.00
9.70	0.08	951	166.12	0.00
9.80	0.09	982	166.12	0.00
9.90	0.09	1,015	166.13	0.00
10.00	0.10	1,050	166.13	0.00
10.10	0.11	1,088	166.14	0.00
10.20	0.11	1,127	166.14	0.00
10.30	0.12	1,168	166.15	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,211	166.15	0.00
10.50	0.13	1,256	166.16	0.00
10.60	0.14	1,304	166.16	0.00
10.70	0.15	1,357	166.17	0.00
10.80	0.17	1,416	166.18	0.00
10.90	0.19	1,481	166.19	0.00
11.00	0.21	1,554	166.20	0.00
11.10	0.24	1,635	166.21	0.00
11.20	0.27	1,727	166.22	0.00
11.30	0.31	1,832	166.23	0.00
11.40	0.35	1,952	166.25	0.00
11.50	0.40	2,086	166.26	0.00
11.60	0.49	2,239	166.28	0.01
11.70	0.65	2,442	166.31	0.01
11.80	0.81	2,696	166.34	0.02
11.90	1.12	3,028	166.38	0.04
12.00	1.75	3,515	166.44	0.06
12.10	3.09	4,340	166.55	0.08
12.20	3.85	5,629	166.71	0.10
12.30	2.37	6,708	166.84	0.12
12.40	1.54	7,355	166.93	0.13
12.50	1.15	7,784	166.98	0.13
12.60	0.93	8,111	167.02	0.14
12.70	0.71	8,354	167.05	0.14
12.80	0.61	8,539	167.08	0.14
12.90	0.55	8,696	167.10	0.14
13.00	0.50	8,833	167.11	0.15
13.10	0.45	8,951	167.13	0.15
13.20	0.40	9,050	167.14	0.15
13.30	0.37	9,134	167.15	0.15
13.40	0.34	9,208	167.16	0.15
13.50	0.31	9,271	167.17	0.15
13.60	0.28	9,323	167.17	0.15
13.70	0.26	9,366	167.18	0.15
13.80	0.25	9,402	167.18	0.15
13.90	0.24	9,435	167.19	0.15
14.00	0.23	9,465	167.19	0.15
14.10	0.22	9,492	167.20	0.15
14.20	0.22	9,516	167.20	0.15
14.30	0.21	9,538	167.20	0.15
14.40	0.20	9,557	167.20	0.15
14.50	0.20	9,573	167.21	0.15
14.60	0.19	9,586	167.21	0.15
14.70	0.18	9,597	167.21	0.15
14.80	0.17	9,605	167.21	0.15
14.90	0.17	9,610	167.21	0.15
15.00	0.16	9,613	167.21	0.15
15.10	0.15	9,613	167.21	0.15
15.20	0.14	9,610	167.21	0.15
15.30	0.14	9,606	167.21	0.15
15.40	0.14	9,601	167.21	0.15
15.50	0.14	9,595	167.21	0.15

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.14	9,589	167.21	0.15
15.70	0.13	9,581	167.21	0.15
15.80	0.13	9,574	167.21	0.15
15.90	0.13	9,565	167.20	0.15
16.00	0.13	9,556	167.20	0.15
16.10	0.13	9,546	167.20	0.15
16.20	0.12	9,535	167.20	0.15
16.30	0.12	9,524	167.20	0.15
16.40	0.12	9,512	167.20	0.15
16.50	0.12	9,500	167.20	0.15
16.60	0.12	9,486	167.19	0.15
16.70	0.11	9,473	167.19	0.15
16.80	0.11	9,458	167.19	0.15
16.90	0.11	9,443	167.19	0.15
17.00	0.11	9,427	167.19	0.15
17.10	0.11	9,411	167.19	0.15
17.20	0.10	9,393	167.18	0.15
17.30	0.10	9,376	167.18	0.15
17.40	0.10	9,357	167.18	0.15
17.50	0.10	9,338	167.18	0.15
17.60	0.10	9,318	167.17	0.15
17.70	0.09	9,298	167.17	0.15
17.80	0.09	9,277	167.17	0.15
17.90	0.09	9,255	167.17	0.15
18.00	0.09	9,233	167.16	0.15
18.10	0.09	9,210	167.16	0.15
18.20	0.08	9,187	167.16	0.15
18.30	0.08	9,163	167.15	0.15
18.40	0.08	9,139	167.15	0.15
18.50	0.08	9,115	167.15	0.15
18.60	0.08	9,091	167.15	0.15
18.70	0.08	9,066	167.14	0.15
18.80	0.08	9,042	167.14	0.15
18.90	0.08	9,018	167.14	0.15
19.00	0.08	8,993	167.13	0.15
19.10	0.08	8,968	167.13	0.15
19.20	0.08	8,944	167.13	0.15
19.30	0.08	8,919	167.12	0.15
19.40	0.08	8,894	167.12	0.15
19.50	0.08	8,869	167.12	0.15
19.60	0.08	8,845	167.11	0.15
19.70	0.08	8,820	167.11	0.15
19.80	0.08	8,794	167.11	0.15
19.90	0.08	8,769	167.10	0.14
20.00	0.07	8,744	167.10	0.14
20.10	0.07	8,719	167.10	0.14
20.20	0.07	8,694	167.10	0.14
20.30	0.07	8,668	167.09	0.14
20.40	0.07	8,643	167.09	0.14
20.50	0.07	8,617	167.09	0.14
20.60	0.07	8,591	167.08	0.14
20.70	0.07	8,566	167.08	0.14

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.07	8,540	167.08	0.14
20.90	0.07	8,514	167.07	0.14
21.00	0.07	8,488	167.07	0.14
21.10	0.07	8,462	167.07	0.14
21.20	0.07	8,436	167.06	0.14
21.30	0.07	8,410	167.06	0.14
21.40	0.07	8,384	167.06	0.14
21.50	0.07	8,358	167.05	0.14
21.60	0.07	8,331	167.05	0.14
21.70	0.07	8,305	167.05	0.14
21.80	0.07	8,278	167.04	0.14
21.90	0.07	8,252	167.04	0.14
22.00	0.06	8,225	167.04	0.14
22.10	0.06	8,199	167.03	0.14
22.20	0.06	8,172	167.03	0.14
22.30	0.06	8,145	167.03	0.14
22.40	0.06	8,119	167.02	0.14
22.50	0.06	8,092	167.02	0.14
22.60	0.06	8,065	167.02	0.14
22.70	0.06	8,038	167.01	0.14
22.80	0.06	8,011	167.01	0.14
22.90	0.06	7,983	167.01	0.14
23.00	0.06	7,956	167.00	0.14
23.10	0.06	7,929	167.00	0.13
23.20	0.06	7,902	167.00	0.13
23.30	0.06	7,874	166.99	0.13
23.40	0.06	7,847	166.99	0.13
23.50	0.06	7,819	166.98	0.13
23.60	0.06	7,792	166.98	0.13
23.70	0.06	7,764	166.98	0.13
23.80	0.06	7,737	166.97	0.13
23.90	0.05	7,709	166.97	0.13
24.00	0.06	7,681	166.97	0.13
24.10	0.05	7,654	166.96	0.13
24.20	0.01	7,618	166.96	0.13
24.30	0.00	7,574	166.95	0.13
24.40	0.00	7,528	166.95	0.13
24.50	0.00	7,481	166.94	0.13
24.60	0.00	7,435	166.94	0.13
24.70	0.00	7,389	166.93	0.13
24.80	0.00	7,343	166.92	0.13
24.90	0.00	7,297	166.92	0.13
25.00	0.00	7,252	166.91	0.13
25.10	0.00	7,206	166.91	0.13
25.20	0.00	7,161	166.90	0.12
25.30	0.00	7,116	166.90	0.12
25.40	0.00	7,072	166.89	0.12
25.50	0.00	7,028	166.89	0.12
25.60	0.00	6,983	166.88	0.12
25.70	0.00	6,939	166.87	0.12
25.80	0.00	6,896	166.87	0.12
25.90	0.00	6,852	166.86	0.12

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,809	166.86	0.12
26.10	0.00	6,766	166.85	0.12
26.20	0.00	6,723	166.85	0.12
26.30	0.00	6,681	166.84	0.12
26.40	0.00	6,638	166.84	0.12
26.50	0.00	6,596	166.83	0.12
26.60	0.00	6,554	166.83	0.12
26.70	0.00	6,512	166.82	0.12
26.80	0.00	6,471	166.82	0.11
26.90	0.00	6,430	166.81	0.11
27.00	0.00	6,388	166.80	0.11
27.10	0.00	6,348	166.80	0.11
27.20	0.00	6,307	166.79	0.11
27.30	0.00	6,267	166.79	0.11
27.40	0.00	6,226	166.78	0.11
27.50	0.00	6,186	166.78	0.11
27.60	0.00	6,147	166.77	0.11
27.70	0.00	6,107	166.77	0.11
27.80	0.00	6,068	166.76	0.11
27.90	0.00	6,029	166.76	0.11
28.00	0.00	5,990	166.75	0.11
28.10	0.00	5,951	166.75	0.11
28.20	0.00	5,913	166.74	0.11
28.30	0.00	5,875	166.74	0.11
28.40	0.00	5,837	166.74	0.11
28.50	0.00	5,799	166.73	0.10
28.60	0.00	5,761	166.73	0.10
28.70	0.00	5,724	166.72	0.10
28.80	0.00	5,687	166.72	0.10
28.90	0.00	5,650	166.71	0.10
29.00	0.00	5,613	166.71	0.10
29.10	0.00	5,577	166.70	0.10
29.20	0.00	5,541	166.70	0.10
29.30	0.00	5,505	166.69	0.10
29.40	0.00	5,469	166.69	0.10
29.50	0.00	5,433	166.68	0.10
29.60	0.00	5,398	166.68	0.10
29.70	0.00	5,363	166.68	0.10
29.80	0.00	5,328	166.67	0.10
29.90	0.00	5,293	166.67	0.10
30.00	0.00	5,259	166.66	0.10
30.10	0.00	5,225	166.66	0.09
30.20	0.00	5,191	166.65	0.09
30.30	0.00	5,157	166.65	0.09
30.40	0.00	5,123	166.65	0.09
30.50	0.00	5,090	166.64	0.09
30.60	0.00	5,057	166.64	0.09
30.70	0.00	5,024	166.63	0.09
30.80	0.00	4,991	166.63	0.09
30.90	0.00	4,959	166.62	0.09
31.00	0.00	4,926	166.62	0.09
31.10	0.00	4,894	166.62	0.09

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	4,862	166.61	0.09
31.30	0.00	4,831	166.61	0.09
31.40	0.00	4,799	166.60	0.09
31.50	0.00	4,768	166.60	0.09
31.60	0.00	4,737	166.60	0.09
31.70	0.00	4,707	166.59	0.09
31.80	0.00	4,676	166.59	0.08
31.90	0.00	4,646	166.59	0.08
32.00	0.00	4,616	166.58	0.08
32.10	0.00	4,586	166.58	0.08
32.20	0.00	4,556	166.57	0.08
32.30	0.00	4,527	166.57	0.08
32.40	0.00	4,498	166.57	0.08
32.50	0.00	4,469	166.56	0.08
32.60	0.00	4,440	166.56	0.08
32.70	0.00	4,411	166.56	0.08
32.80	0.00	4,383	166.55	0.08
32.90	0.00	4,355	166.55	0.08
33.00	0.00	4,327	166.55	0.08
33.10	0.00	4,300	166.54	0.08
33.20	0.00	4,272	166.54	0.08
33.30	0.00	4,245	166.53	0.08
33.40	0.00	4,218	166.53	0.07
33.50	0.00	4,191	166.53	0.07
33.60	0.00	4,165	166.52	0.07
33.70	0.00	4,138	166.52	0.07
33.80	0.00	4,112	166.52	0.07
33.90	0.00	4,086	166.51	0.07
34.00	0.00	4,061	166.51	0.07
34.10	0.00	4,035	166.51	0.07
34.20	0.00	4,010	166.51	0.07
34.30	0.00	3,985	166.50	0.07
34.40	0.00	3,960	166.50	0.07
34.50	0.00	3,936	166.50	0.07
34.60	0.00	3,911	166.49	0.07
34.70	0.00	3,887	166.49	0.07
34.80	0.00	3,863	166.49	0.07
34.90	0.00	3,840	166.48	0.07
35.00	0.00	3,816	166.48	0.06
35.10	0.00	3,793	166.48	0.06
35.20	0.00	3,770	166.47	0.06
35.30	0.00	3,747	166.47	0.06
35.40	0.00	3,725	166.47	0.06
35.50	0.00	3,702	166.47	0.06
35.60	0.00	3,680	166.46	0.06
35.70	0.00	3,658	166.46	0.06
35.80	0.00	3,637	166.46	0.06
35.90	0.00	3,615	166.46	0.06
36.00	0.00	3,594	166.45	0.06
36.10	0.00	3,573	166.45	0.06
36.20	0.00	3,552	166.45	0.06
36.30	0.00	3,531	166.44	0.06

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,511	166.44	0.06
36.50	0.00	3,491	166.44	0.06
36.60	0.00	3,471	166.44	0.06
36.70	0.00	3,451	166.43	0.05
36.80	0.00	3,432	166.43	0.05
36.90	0.00	3,412	166.43	0.05
37.00	0.00	3,393	166.43	0.05
37.10	0.00	3,375	166.43	0.05
37.20	0.00	3,356	166.42	0.05
37.30	0.00	3,338	166.42	0.05
37.40	0.00	3,320	166.42	0.05
37.50	0.00	3,302	166.42	0.05
37.60	0.00	3,284	166.41	0.05
37.70	0.00	3,266	166.41	0.05
37.80	0.00	3,249	166.41	0.05
37.90	0.00	3,232	166.41	0.05
38.00	0.00	3,215	166.40	0.05
38.10	0.00	3,199	166.40	0.05
38.20	0.00	3,182	166.40	0.05
38.30	0.00	3,166	166.40	0.04
38.40	0.00	3,150	166.40	0.04
38.50	0.00	3,134	166.39	0.04
38.60	0.00	3,119	166.39	0.04
38.70	0.00	3,103	166.39	0.04
38.80	0.00	3,088	166.39	0.04
38.90	0.00	3,074	166.39	0.04
39.00	0.00	3,059	166.39	0.04
39.10	0.00	3,045	166.38	0.04
39.20	0.00	3,031	166.38	0.04
39.30	0.00	3,017	166.38	0.04
39.40	0.00	3,003	166.38	0.04
39.50	0.00	2,990	166.38	0.04
39.60	0.00	2,977	166.37	0.04
39.70	0.00	2,964	166.37	0.04
39.80	0.00	2,951	166.37	0.04
39.90	0.00	2,938	166.37	0.03
40.00	0.00	2,926	166.37	0.03

Stage-Discharge for Pond B-44: Basin #44

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.07	167.04	0.14	167.56	0.18
166.01	0.00	166.53	0.07	167.05	0.14	167.57	0.18
166.02	0.00	166.54	0.08	167.06	0.14	167.58	0.18
166.03	0.00	166.55	0.08	167.07	0.14	167.59	0.18
166.04	0.00	166.56	0.08	167.08	0.14	167.60	0.19
166.05	0.00	166.57	0.08	167.09	0.14	167.61	0.19
166.06	0.00	166.58	0.08	167.10	0.14	167.62	0.19
166.07	0.00	166.59	0.08	167.11	0.15	167.63	0.19
166.08	0.00	166.60	0.09	167.12	0.15	167.64	0.19
166.09	0.00	166.61	0.09	167.13	0.15	167.65	0.19
166.10	0.00	166.62	0.09	167.14	0.15	167.66	0.19
166.11	0.00	166.63	0.09	167.15	0.15	167.67	0.19
166.12	0.00	166.64	0.09	167.16	0.15	167.68	0.19
166.13	0.00	166.65	0.09	167.17	0.15	167.69	0.19
166.14	0.00	166.66	0.10	167.18	0.15	167.70	0.19
166.15	0.00	166.67	0.10	167.19	0.15	167.71	0.19
166.16	0.00	166.68	0.10	167.20	0.15	167.72	0.19
166.17	0.00	166.69	0.10	167.21	0.15	167.73	0.19
166.18	0.00	166.70	0.10	167.22	0.16	167.74	0.20
166.19	0.00	166.71	0.10	167.23	0.16	167.75	0.20
166.20	0.00	166.72	0.10	167.24	0.16	167.76	0.20
166.21	0.00	166.73	0.10	167.25	0.16	167.77	0.20
166.22	0.00	166.74	0.11	167.26	0.16	167.78	0.20
166.23	0.00	166.75	0.11	167.27	0.16	167.79	0.20
166.24	0.00	166.76	0.11	167.28	0.16	167.80	0.20
166.25	0.00	166.77	0.11	167.29	0.16	167.81	0.20
166.26	0.00	166.78	0.11	167.30	0.16	167.82	0.20
166.27	0.00	166.79	0.11	167.31	0.16	167.83	0.20
166.28	0.01	166.80	0.11	167.32	0.16	167.84	0.20
166.29	0.01	166.81	0.11	167.33	0.16	167.85	0.20
166.30	0.01	166.82	0.12	167.34	0.17	167.86	0.20
166.31	0.01	166.83	0.12	167.35	0.17	167.87	0.20
166.32	0.02	166.84	0.12	167.36	0.17	167.88	0.20
166.33	0.02	166.85	0.12	167.37	0.17	167.89	0.21
166.34	0.02	166.86	0.12	167.38	0.17	167.90	0.21
166.35	0.03	166.87	0.12	167.39	0.17	167.91	0.21
166.36	0.03	166.88	0.12	167.40	0.17	167.92	0.21
166.37	0.03	166.89	0.12	167.41	0.17	167.93	0.21
166.38	0.04	166.90	0.12	167.42	0.17	167.94	0.21
166.39	0.04	166.91	0.13	167.43	0.17	167.95	0.21
166.40	0.05	166.92	0.13	167.44	0.17	167.96	0.21
166.41	0.05	166.93	0.13	167.45	0.17	167.97	0.21
166.42	0.05	166.94	0.13	167.46	0.17	167.98	0.21
166.43	0.05	166.95	0.13	167.47	0.18	167.99	0.21
166.44	0.06	166.96	0.13	167.48	0.18	168.00	0.21
166.45	0.06	166.97	0.13	167.49	0.18	168.01	0.21
166.46	0.06	166.98	0.13	167.50	0.18	168.02	0.21
166.47	0.06	166.99	0.13	167.51	0.18	168.03	0.21
166.48	0.06	167.00	0.13	167.52	0.18	168.04	0.22
166.49	0.07	167.01	0.14	167.53	0.18	168.05	0.22
166.50	0.07	167.02	0.14	167.54	0.18	168.06	0.22
166.51	0.07	167.03	0.14	167.55	0.18	168.07	0.22

Stage-Discharge for Pond B-44: Basin #44 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.22	168.60	0.25	169.12	0.81	169.64	12.95
168.09	0.22	168.61	0.25	169.13	0.88	169.65	13.78
168.10	0.22	168.62	0.25	169.14	0.96	169.66	14.63
168.11	0.22	168.63	0.25	169.15	1.03	169.67	15.50
168.12	0.22	168.64	0.25	169.16	1.11	169.68	16.40
168.13	0.22	168.65	0.25	169.17	1.19	169.69	17.32
168.14	0.22	168.66	0.25	169.18	1.27	169.70	18.26
168.15	0.22	168.67	0.25	169.19	1.35	169.71	19.26
168.16	0.22	168.68	0.25	169.20	1.44	169.72	20.29
168.17	0.22	168.69	0.25	169.21	1.52	169.73	21.35
168.18	0.22	168.70	0.25	169.22	1.61	169.74	22.43
168.19	0.22	168.71	0.25	169.23	1.71	169.75	23.53
168.20	0.22	168.72	0.25	169.24	1.80	169.76	24.67
168.21	0.23	168.73	0.25	169.25	1.90	169.77	25.83
168.22	0.23	168.74	0.26	169.26	1.99	169.78	27.01
168.23	0.23	168.75	0.26	169.27	2.09	169.79	28.22
168.24	0.23	168.76	0.26	169.28	2.19	169.80	29.46
168.25	0.23	168.77	0.26	169.29	2.30	169.81	30.72
168.26	0.23	168.78	0.26	169.30	2.40	169.82	32.01
168.27	0.23	168.79	0.26	169.31	2.51	169.83	33.32
168.28	0.23	168.80	0.26	169.32	2.61	169.84	34.66
168.29	0.23	168.81	0.26	169.33	2.72	169.85	36.02
168.30	0.23	168.82	0.26	169.34	2.83	169.86	37.41
168.31	0.23	168.83	0.26	169.35	2.95	169.87	38.82
168.32	0.23	168.84	0.26	169.36	3.06	169.88	40.26
168.33	0.23	168.85	0.26	169.37	3.18	169.89	41.72
168.34	0.23	168.86	0.26	169.38	3.29	169.90	43.21
168.35	0.23	168.87	0.26	169.39	3.41	169.91	44.74
168.36	0.23	168.88	0.26	169.40	3.53	169.92	46.31
168.37	0.23	168.89	0.26	169.41	3.65	169.93	47.90
168.38	0.24	168.90	0.26	169.42	3.77	169.94	49.52
168.39	0.24	168.91	0.26	169.43	3.90	169.95	51.17
168.40	0.24	168.92	0.26	169.44	4.02	169.96	52.84
168.41	0.24	168.93	0.26	169.45	4.15	169.97	54.54
168.42	0.24	168.94	0.27	169.46	4.28	169.98	56.27
168.43	0.24	168.95	0.27	169.47	4.41	169.99	58.02
168.44	0.24	168.96	0.27	169.48	4.54	170.00	59.81
168.45	0.24	168.97	0.27	169.49	4.67		
168.46	0.24	168.98	0.27	169.50	4.80		
168.47	0.24	168.99	0.27	169.51	5.05		
168.48	0.24	169.00	0.27	169.52	5.40		
168.49	0.24	169.01	0.28	169.53	5.82		
168.50	0.24	169.02	0.31	169.54	6.28		
168.51	0.24	169.03	0.34	169.55	6.79		
168.52	0.24	169.04	0.37	169.56	7.35		
168.53	0.24	169.05	0.42	169.57	7.94		
168.54	0.24	169.06	0.46	169.58	8.56		
168.55	0.24	169.07	0.51	169.59	9.22		
168.56	0.25	169.08	0.57	169.60	9.91		
168.57	0.25	169.09	0.62	169.61	10.63		
168.58	0.25	169.10	0.69	169.62	11.38		
168.59	0.25	169.11	0.75	169.63	12.15		

Stage-Area-Storage for Pond B-44: Basin #44

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,939	0	166.52	7,939	4,128
166.01	7,939	79	166.53	7,939	4,208
166.02	7,939	159	166.54	7,939	4,287
166.03	7,939	238	166.55	7,939	4,366
166.04	7,939	318	166.56	7,939	4,446
166.05	7,939	397	166.57	7,939	4,525
166.06	7,939	476	166.58	7,939	4,605
166.07	7,939	556	166.59	7,939	4,684
166.08	7,939	635	166.60	7,939	4,763
166.09	7,939	715	166.61	7,939	4,843
166.10	7,939	794	166.62	7,939	4,922
166.11	7,939	873	166.63	7,939	5,002
166.12	7,939	953	166.64	7,939	5,081
166.13	7,939	1,032	166.65	7,939	5,160
166.14	7,939	1,111	166.66	7,939	5,240
166.15	7,939	1,191	166.67	7,939	5,319
166.16	7,939	1,270	166.68	7,939	5,399
166.17	7,939	1,350	166.69	7,939	5,478
166.18	7,939	1,429	166.70	7,939	5,557
166.19	7,939	1,508	166.71	7,939	5,637
166.20	7,939	1,588	166.72	7,939	5,716
166.21	7,939	1,667	166.73	7,939	5,795
166.22	7,939	1,747	166.74	7,939	5,875
166.23	7,939	1,826	166.75	7,939	5,954
166.24	7,939	1,905	166.76	7,939	6,034
166.25	7,939	1,985	166.77	7,939	6,113
166.26	7,939	2,064	166.78	7,939	6,192
166.27	7,939	2,144	166.79	7,939	6,272
166.28	7,939	2,223	166.80	7,939	6,351
166.29	7,939	2,302	166.81	7,939	6,431
166.30	7,939	2,382	166.82	7,939	6,510
166.31	7,939	2,461	166.83	7,939	6,589
166.32	7,939	2,540	166.84	7,939	6,669
166.33	7,939	2,620	166.85	7,939	6,748
166.34	7,939	2,699	166.86	7,939	6,828
166.35	7,939	2,779	166.87	7,939	6,907
166.36	7,939	2,858	166.88	7,939	6,986
166.37	7,939	2,937	166.89	7,939	7,066
166.38	7,939	3,017	166.90	7,939	7,145
166.39	7,939	3,096	166.91	7,939	7,224
166.40	7,939	3,176	166.92	7,939	7,304
166.41	7,939	3,255	166.93	7,939	7,383
166.42	7,939	3,334	166.94	7,939	7,463
166.43	7,939	3,414	166.95	7,939	7,542
166.44	7,939	3,493	166.96	7,939	7,621
166.45	7,939	3,573	166.97	7,939	7,701
166.46	7,939	3,652	166.98	7,939	7,780
166.47	7,939	3,731	166.99	7,939	7,860
166.48	7,939	3,811	167.00	7,939	7,939
166.49	7,939	3,890	167.01	7,939	8,018
166.50	7,939	3,970	167.02	7,939	8,098
166.51	7,939	4,049	167.03	7,939	8,177

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,939	8,257	167.56	7,939	12,385
167.05	7,939	8,336	167.57	7,939	12,464
167.06	7,939	8,415	167.58	7,939	12,544
167.07	7,939	8,495	167.59	7,939	12,623
167.08	7,939	8,574	167.60	7,939	12,702
167.09	7,939	8,654	167.61	7,939	12,782
167.10	7,939	8,733	167.62	7,939	12,861
167.11	7,939	8,812	167.63	7,939	12,941
167.12	7,939	8,892	167.64	7,939	13,020
167.13	7,939	8,971	167.65	7,939	13,099
167.14	7,939	9,050	167.66	7,939	13,179
167.15	7,939	9,130	167.67	7,939	13,258
167.16	7,939	9,209	167.68	7,939	13,338
167.17	7,939	9,289	167.69	7,939	13,417
167.18	7,939	9,368	167.70	7,939	13,496
167.19	7,939	9,447	167.71	7,939	13,576
167.20	7,939	9,527	167.72	7,939	13,655
167.21	7,939	9,606	167.73	7,939	13,734
167.22	7,939	9,686	167.74	7,939	13,814
167.23	7,939	9,765	167.75	7,939	13,893
167.24	7,939	9,844	167.76	7,939	13,973
167.25	7,939	9,924	167.77	7,939	14,052
167.26	7,939	10,003	167.78	7,939	14,131
167.27	7,939	10,083	167.79	7,939	14,211
167.28	7,939	10,162	167.80	7,939	14,290
167.29	7,939	10,241	167.81	7,939	14,370
167.30	7,939	10,321	167.82	7,939	14,449
167.31	7,939	10,400	167.83	7,939	14,528
167.32	7,939	10,479	167.84	7,939	14,608
167.33	7,939	10,559	167.85	7,939	14,687
167.34	7,939	10,638	167.86	7,939	14,767
167.35	7,939	10,718	167.87	7,939	14,846
167.36	7,939	10,797	167.88	7,939	14,925
167.37	7,939	10,876	167.89	7,939	15,005
167.38	7,939	10,956	167.90	7,939	15,084
167.39	7,939	11,035	167.91	7,939	15,163
167.40	7,939	11,115	167.92	7,939	15,243
167.41	7,939	11,194	167.93	7,939	15,322
167.42	7,939	11,273	167.94	7,939	15,402
167.43	7,939	11,353	167.95	7,939	15,481
167.44	7,939	11,432	167.96	7,939	15,560
167.45	7,939	11,512	167.97	7,939	15,640
167.46	7,939	11,591	167.98	7,939	15,719
167.47	7,939	11,670	167.99	7,939	15,799
167.48	7,939	11,750	168.00	7,939	15,878
167.49	7,939	11,829	168.01	7,939	15,957
167.50	7,939	11,909	168.02	7,939	16,037
167.51	7,939	11,988	168.03	7,939	16,116
167.52	7,939	12,067	168.04	7,939	16,196
167.53	7,939	12,147	168.05	7,939	16,275
167.54	7,939	12,226	168.06	7,939	16,354
167.55	7,939	12,305	168.07	7,939	16,434

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,939	16,513	168.60	7,939	20,641
168.09	7,939	16,593	168.61	7,939	20,721
168.10	7,939	16,672	168.62	7,939	20,800
168.11	7,939	16,751	168.63	7,939	20,880
168.12	7,939	16,831	168.64	7,939	20,959
168.13	7,939	16,910	168.65	7,939	21,038
168.14	7,939	16,989	168.66	7,939	21,118
168.15	7,939	17,069	168.67	7,939	21,197
168.16	7,939	17,148	168.68	7,939	21,277
168.17	7,939	17,228	168.69	7,939	21,356
168.18	7,939	17,307	168.70	7,939	21,435
168.19	7,939	17,386	168.71	7,939	21,515
168.20	7,939	17,466	168.72	7,939	21,594
168.21	7,939	17,545	168.73	7,939	21,673
168.22	7,939	17,625	168.74	7,939	21,753
168.23	7,939	17,704	168.75	7,939	21,832
168.24	7,939	17,783	168.76	7,939	21,912
168.25	7,939	17,863	168.77	7,939	21,991
168.26	7,939	17,942	168.78	7,939	22,070
168.27	7,939	18,022	168.79	7,939	22,150
168.28	7,939	18,101	168.80	7,939	22,229
168.29	7,939	18,180	168.81	7,939	22,309
168.30	7,939	18,260	168.82	7,939	22,388
168.31	7,939	18,339	168.83	7,939	22,467
168.32	7,939	18,418	168.84	7,939	22,547
168.33	7,939	18,498	168.85	7,939	22,626
168.34	7,939	18,577	168.86	7,939	22,706
168.35	7,939	18,657	168.87	7,939	22,785
168.36	7,939	18,736	168.88	7,939	22,864
168.37	7,939	18,815	168.89	7,939	22,944
168.38	7,939	18,895	168.90	7,939	23,023
168.39	7,939	18,974	168.91	7,939	23,102
168.40	7,939	19,054	168.92	7,939	23,182
168.41	7,939	19,133	168.93	7,939	23,261
168.42	7,939	19,212	168.94	7,939	23,341
168.43	7,939	19,292	168.95	7,939	23,420
168.44	7,939	19,371	168.96	7,939	23,499
168.45	7,939	19,451	168.97	7,939	23,579
168.46	7,939	19,530	168.98	7,939	23,658
168.47	7,939	19,609	168.99	7,939	23,738
168.48	7,939	19,689	169.00	7,939	23,817
168.49	7,939	19,768	169.01	7,939	23,896
168.50	7,939	19,848	169.02	7,939	23,976
168.51	7,939	19,927	169.03	7,939	24,055
168.52	7,939	20,006	169.04	7,939	24,135
168.53	7,939	20,086	169.05	7,939	24,214
168.54	7,939	20,165	169.06	7,939	24,293
168.55	7,939	20,244	169.07	7,939	24,373
168.56	7,939	20,324	169.08	7,939	24,452
168.57	7,939	20,403	169.09	7,939	24,532
168.58	7,939	20,483	169.10	7,939	24,611
168.59	7,939	20,562	169.11	7,939	24,690

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,939	24,770	169.64	7,939	28,898
169.13	7,939	24,849	169.65	7,939	28,977
169.14	7,939	24,928	169.66	7,939	29,057
169.15	7,939	25,008	169.67	7,939	29,136
169.16	7,939	25,087	169.68	7,939	29,216
169.17	7,939	25,167	169.69	7,939	29,295
169.18	7,939	25,246	169.70	7,939	29,374
169.19	7,939	25,325	169.71	7,939	29,454
169.20	7,939	25,405	169.72	7,939	29,533
169.21	7,939	25,484	169.73	7,939	29,612
169.22	7,939	25,564	169.74	7,939	29,692
169.23	7,939	25,643	169.75	7,939	29,771
169.24	7,939	25,722	169.76	7,939	29,851
169.25	7,939	25,802	169.77	7,939	29,930
169.26	7,939	25,881	169.78	7,939	30,009
169.27	7,939	25,961	169.79	7,939	30,089
169.28	7,939	26,040	169.80	7,939	30,168
169.29	7,939	26,119	169.81	7,939	30,248
169.30	7,939	26,199	169.82	7,939	30,327
169.31	7,939	26,278	169.83	7,939	30,406
169.32	7,939	26,357	169.84	7,939	30,486
169.33	7,939	26,437	169.85	7,939	30,565
169.34	7,939	26,516	169.86	7,939	30,645
169.35	7,939	26,596	169.87	7,939	30,724
169.36	7,939	26,675	169.88	7,939	30,803
169.37	7,939	26,754	169.89	7,939	30,883
169.38	7,939	26,834	169.90	7,939	30,962
169.39	7,939	26,913	169.91	7,939	31,041
169.40	7,939	26,993	169.92	7,939	31,121
169.41	7,939	27,072	169.93	7,939	31,200
169.42	7,939	27,151	169.94	7,939	31,280
169.43	7,939	27,231	169.95	7,939	31,359
169.44	7,939	27,310	169.96	7,939	31,438
169.45	7,939	27,390	169.97	7,939	31,518
169.46	7,939	27,469	169.98	7,939	31,597
169.47	7,939	27,548	169.99	7,939	31,677
169.48	7,939	27,628	170.00	7,939	31,756
169.49	7,939	27,707			
169.50	7,939	27,787			
169.51	7,939	27,866			
169.52	7,939	27,945			
169.53	7,939	28,025			
169.54	7,939	28,104			
169.55	7,939	28,183			
169.56	7,939	28,263			
169.57	7,939	28,342			
169.58	7,939	28,422			
169.59	7,939	28,501			
169.60	7,939	28,580			
169.61	7,939	28,660			
169.62	7,939	28,739			
169.63	7,939	28,819			

Summary for Pond B-45: Basin #45

Inflow Area = 2.294 ac, 62.82% Impervious, Inflow Depth = 3.94" for Current 10 yr event
 Inflow = 10.59 cfs @ 12.11 hrs, Volume= 0.752 af
 Outflow = 1.82 cfs @ 12.56 hrs, Volume= 0.617 af, Atten= 83%, Lag= 26.9 min
 Primary = 1.82 cfs @ 12.56 hrs, Volume= 0.617 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 168.44' @ 12.56 hrs Surf.Area= 7,365 sf Storage= 18,007 cf

Plug-Flow detention time= 268.3 min calculated for 0.616 af (82% of inflow)
 Center-of-Mass det. time= 192.6 min (961.0 - 768.4)

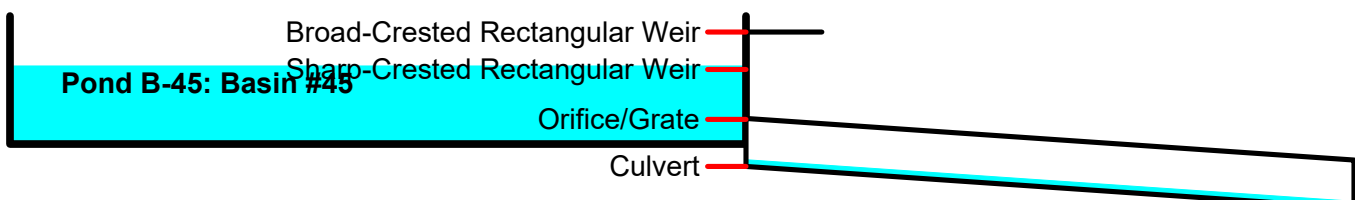
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	29,460 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,365	0	0
167.00	7,365	7,365	7,365
168.00	7,365	7,365	14,730
169.00	7,365	7,365	22,095
170.00	7,365	7,365	29,460

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0325 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.77'	6.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	168.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

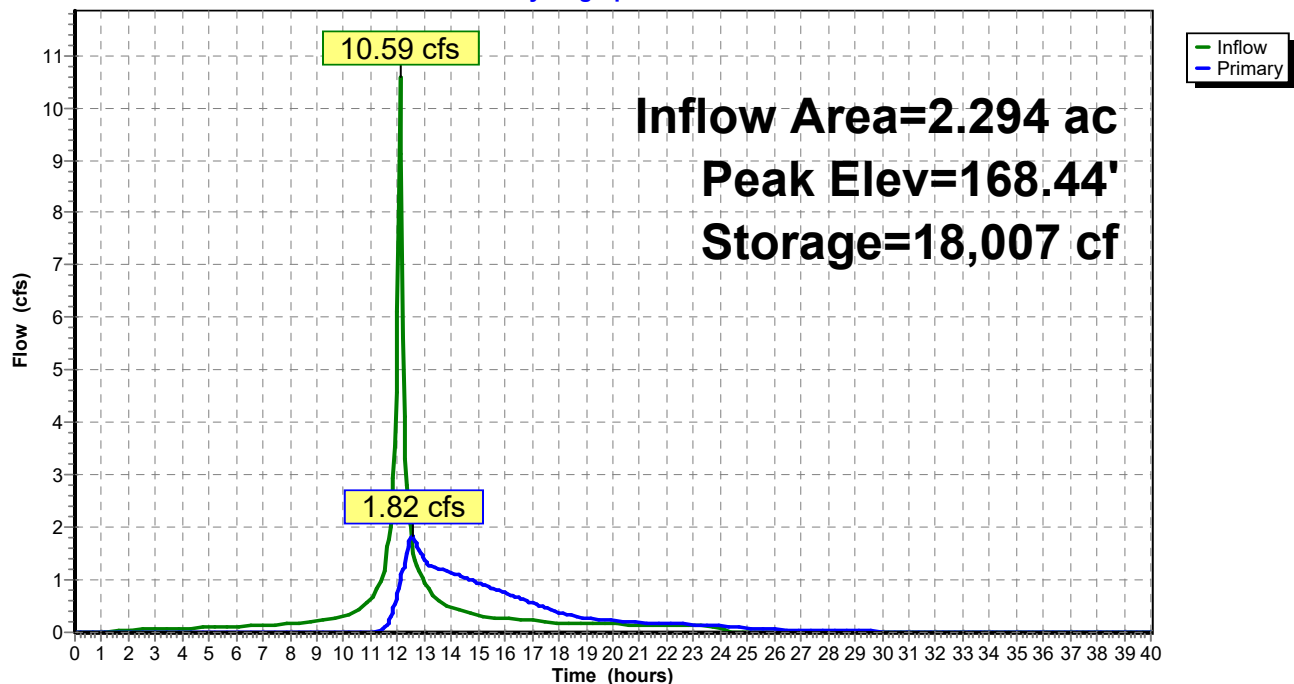
Primary OutFlow Max=1.82 cfs @ 12.56 hrs HW=168.44' (Free Discharge)

- 1=Culvert (Passes 1.82 cfs of 13.17 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.31 cfs @ 5.70 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 0.50 cfs @ 1.11 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-45: Basin #45

Hydrograph



Hydrograph for Pond B-45: Basin #45

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	1	166.00	0.00
1.00	0.01	3	166.00	0.00
1.10	0.01	6	166.00	0.00
1.20	0.02	11	166.00	0.00
1.30	0.02	17	166.00	0.00
1.40	0.02	24	166.00	0.00
1.50	0.03	33	166.00	0.00
1.60	0.03	42	166.01	0.00
1.70	0.03	53	166.01	0.00
1.80	0.03	65	166.01	0.00
1.90	0.04	77	166.01	0.00
2.00	0.04	91	166.01	0.00
2.10	0.04	106	166.01	0.00
2.20	0.04	121	166.02	0.00
2.30	0.05	137	166.02	0.00
2.40	0.05	155	166.02	0.00
2.50	0.05	173	166.02	0.00
2.60	0.05	191	166.03	0.00
2.70	0.06	211	166.03	0.00
2.80	0.06	231	166.03	0.00
2.90	0.06	252	166.03	0.00
3.00	0.06	274	166.04	0.00
3.10	0.06	296	166.04	0.00
3.20	0.06	319	166.04	0.00
3.30	0.07	342	166.05	0.00
3.40	0.07	367	166.05	0.00
3.50	0.07	391	166.05	0.00
3.60	0.07	417	166.06	0.00
3.70	0.07	443	166.06	0.00
3.80	0.07	469	166.06	0.00
3.90	0.08	496	166.07	0.00
4.00	0.08	524	166.07	0.00
4.10	0.08	552	166.07	0.00
4.20	0.08	581	166.08	0.00
4.30	0.08	610	166.08	0.00
4.40	0.08	640	166.09	0.00
4.50	0.08	670	166.09	0.00
4.60	0.09	701	166.10	0.00
4.70	0.09	732	166.10	0.00
4.80	0.09	763	166.10	0.00
4.90	0.09	795	166.11	0.00
5.00	0.09	828	166.11	0.00
5.10	0.09	861	166.12	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	894	166.12	0.00
5.30	0.09	928	166.13	0.00
5.40	0.10	962	166.13	0.00
5.50	0.10	997	166.14	0.00
5.60	0.10	1,032	166.14	0.00
5.70	0.10	1,068	166.14	0.00
5.80	0.10	1,103	166.15	0.00
5.90	0.10	1,140	166.15	0.00
6.00	0.10	1,177	166.16	0.00
6.10	0.11	1,214	166.16	0.00
6.20	0.11	1,252	166.17	0.00
6.30	0.11	1,292	166.18	0.00
6.40	0.11	1,332	166.18	0.00
6.50	0.12	1,374	166.19	0.00
6.60	0.12	1,417	166.19	0.00
6.70	0.12	1,460	166.20	0.00
6.80	0.13	1,505	166.20	0.00
6.90	0.13	1,551	166.21	0.00
7.00	0.13	1,598	166.22	0.00
7.10	0.14	1,647	166.22	0.00
7.20	0.14	1,696	166.23	0.00
7.30	0.14	1,747	166.24	0.00
7.40	0.15	1,798	166.24	0.00
7.50	0.15	1,851	166.25	0.00
7.60	0.15	1,905	166.26	0.00
7.70	0.15	1,960	166.27	0.00
7.80	0.16	2,016	166.27	0.00
7.90	0.16	2,073	166.28	0.00
8.00	0.16	2,131	166.29	0.00
8.10	0.17	2,191	166.30	0.00
8.20	0.17	2,252	166.31	0.00
8.30	0.17	2,313	166.31	0.00
8.40	0.18	2,376	166.32	0.00
8.50	0.18	2,440	166.33	0.00
8.60	0.18	2,505	166.34	0.00
8.70	0.19	2,571	166.35	0.00
8.80	0.19	2,639	166.36	0.00
8.90	0.19	2,707	166.37	0.00
9.00	0.20	2,778	166.38	0.00
9.10	0.21	2,850	166.39	0.00
9.20	0.22	2,927	166.40	0.00
9.30	0.23	3,008	166.41	0.00
9.40	0.24	3,093	166.42	0.00
9.50	0.26	3,183	166.43	0.00
9.60	0.27	3,278	166.45	0.00
9.70	0.28	3,377	166.46	0.00
9.80	0.30	3,481	166.47	0.00
9.90	0.31	3,590	166.49	0.00
10.00	0.32	3,704	166.50	0.00
10.10	0.34	3,822	166.52	0.00
10.20	0.35	3,946	166.54	0.00
10.30	0.37	4,075	166.55	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.38	4,209	166.57	0.00
10.50	0.39	4,348	166.59	0.00
10.60	0.44	4,497	166.61	0.00
10.70	0.48	4,662	166.63	0.00
10.80	0.53	4,845	166.66	0.00
10.90	0.59	5,046	166.69	0.00
11.00	0.64	5,266	166.72	0.00
11.10	0.73	5,511	166.75	0.00
11.20	0.82	5,788	166.79	0.00
11.30	0.92	6,099	166.83	0.01
11.40	1.03	6,441	166.87	0.03
11.50	1.12	6,807	166.92	0.07
11.60	1.64	7,254	166.98	0.14
11.70	1.88	7,825	167.06	0.23
11.80	2.50	8,492	167.15	0.37
11.90	3.54	9,403	167.28	0.54
12.00	6.10	10,868	167.48	0.73
12.10	10.55	13,509	167.83	0.99
12.20	5.62	16,210	168.20	1.20
12.30	3.30	17,306	168.35	1.31
12.40	2.37	17,790	168.42	1.63
12.50	2.12	17,972	168.44	1.79
12.60	1.51	17,984	168.44	1.80
12.70	1.30	17,854	168.42	1.69
12.80	1.19	17,716	168.41	1.57
12.90	1.08	17,578	168.39	1.47
13.00	0.97	17,434	168.37	1.38
13.10	0.86	17,281	168.35	1.30
13.20	0.79	17,116	168.32	1.26
13.30	0.73	16,938	168.30	1.24
13.40	0.67	16,743	168.27	1.23
13.50	0.61	16,532	168.24	1.22
13.60	0.55	16,304	168.21	1.20
13.70	0.52	16,067	168.18	1.18
13.80	0.51	15,828	168.15	1.17
13.90	0.49	15,590	168.12	1.15
14.00	0.47	15,353	168.08	1.13
14.10	0.46	15,116	168.05	1.12
14.20	0.44	14,880	168.02	1.10
14.30	0.43	14,645	167.99	1.08
14.40	0.41	14,411	167.96	1.06
14.50	0.40	14,178	167.93	1.04
14.60	0.38	13,946	167.89	1.02
14.70	0.36	13,715	167.86	1.01
14.80	0.35	13,485	167.83	0.99
14.90	0.33	13,257	167.80	0.97
15.00	0.32	13,029	167.77	0.95
15.10	0.30	12,804	167.74	0.93
15.20	0.30	12,581	167.71	0.91
15.30	0.29	12,364	167.68	0.89
15.40	0.29	12,153	167.65	0.87
15.50	0.28	11,948	167.62	0.85

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	11,748	167.60	0.83
15.70	0.27	11,554	167.57	0.81
15.80	0.27	11,365	167.54	0.79
15.90	0.27	11,182	167.52	0.77
16.00	0.26	11,005	167.49	0.75
16.10	0.26	10,834	167.47	0.73
16.20	0.25	10,667	167.45	0.71
16.30	0.25	10,507	167.43	0.69
16.40	0.25	10,351	167.41	0.67
16.50	0.24	10,201	167.39	0.65
16.60	0.24	10,056	167.37	0.63
16.70	0.23	9,917	167.35	0.61
16.80	0.23	9,783	167.33	0.59
16.90	0.22	9,653	167.31	0.58
17.00	0.22	9,529	167.29	0.56
17.10	0.22	9,409	167.28	0.54
17.20	0.21	9,294	167.26	0.52
17.30	0.21	9,184	167.25	0.50
17.40	0.20	9,080	167.23	0.49
17.50	0.20	8,981	167.22	0.47
17.60	0.20	8,888	167.21	0.45
17.70	0.19	8,799	167.19	0.43
17.80	0.19	8,716	167.18	0.41
17.90	0.18	8,636	167.17	0.40
18.00	0.18	8,561	167.16	0.38
18.10	0.17	8,490	167.15	0.37
18.20	0.17	8,423	167.14	0.35
18.30	0.17	8,360	167.14	0.34
18.40	0.17	8,301	167.13	0.33
18.50	0.17	8,246	167.12	0.32
18.60	0.17	8,195	167.11	0.31
18.70	0.17	8,147	167.11	0.30
18.80	0.17	8,101	167.10	0.29
18.90	0.16	8,059	167.09	0.28
19.00	0.16	8,019	167.09	0.27
19.10	0.16	7,981	167.08	0.26
19.20	0.16	7,946	167.08	0.26
19.30	0.16	7,913	167.07	0.25
19.40	0.16	7,881	167.07	0.24
19.50	0.16	7,852	167.07	0.24
19.60	0.16	7,823	167.06	0.23
19.70	0.16	7,797	167.06	0.23
19.80	0.16	7,772	167.06	0.22
19.90	0.15	7,748	167.05	0.22
20.00	0.15	7,725	167.05	0.22
20.10	0.15	7,703	167.05	0.21
20.20	0.15	7,682	167.04	0.21
20.30	0.15	7,663	167.04	0.20
20.40	0.15	7,644	167.04	0.20
20.50	0.15	7,626	167.04	0.20
20.60	0.15	7,609	167.03	0.19
20.70	0.15	7,592	167.03	0.19

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	7,576	167.03	0.19
20.90	0.14	7,561	167.03	0.19
21.00	0.14	7,546	167.02	0.18
21.10	0.14	7,532	167.02	0.18
21.20	0.14	7,518	167.02	0.18
21.30	0.14	7,505	167.02	0.18
21.40	0.14	7,492	167.02	0.17
21.50	0.14	7,479	167.02	0.17
21.60	0.14	7,467	167.01	0.17
21.70	0.14	7,455	167.01	0.17
21.80	0.14	7,444	167.01	0.17
21.90	0.13	7,433	167.01	0.16
22.00	0.13	7,422	167.01	0.16
22.10	0.13	7,412	167.01	0.16
22.20	0.13	7,402	167.00	0.16
22.30	0.13	7,392	167.00	0.16
22.40	0.13	7,382	167.00	0.16
22.50	0.13	7,372	167.00	0.15
22.60	0.13	7,363	167.00	0.15
22.70	0.12	7,354	167.00	0.15
22.80	0.12	7,345	167.00	0.15
22.90	0.12	7,336	167.00	0.15
23.00	0.12	7,327	166.99	0.15
23.10	0.12	7,318	166.99	0.14
23.20	0.12	7,309	166.99	0.14
23.30	0.12	7,301	166.99	0.14
23.40	0.12	7,292	166.99	0.14
23.50	0.12	7,284	166.99	0.14
23.60	0.12	7,276	166.99	0.14
23.70	0.11	7,267	166.99	0.14
23.80	0.11	7,259	166.99	0.14
23.90	0.11	7,251	166.98	0.13
24.00	0.13	7,247	166.98	0.13
24.10	0.03	7,230	166.98	0.13
24.20	0.00	7,187	166.98	0.12
24.30	0.00	7,144	166.97	0.12
24.40	0.00	7,102	166.96	0.11
24.50	0.00	7,063	166.96	0.11
24.60	0.00	7,026	166.95	0.10
24.70	0.00	6,990	166.95	0.10
24.80	0.00	6,956	166.94	0.09
24.90	0.00	6,924	166.94	0.09
25.00	0.00	6,893	166.94	0.08
25.10	0.00	6,863	166.93	0.08
25.20	0.00	6,835	166.93	0.08
25.30	0.00	6,808	166.92	0.07
25.40	0.00	6,783	166.92	0.07
25.50	0.00	6,758	166.92	0.07
25.60	0.00	6,735	166.91	0.06
25.70	0.00	6,712	166.91	0.06
25.80	0.00	6,690	166.91	0.06
25.90	0.00	6,669	166.91	0.06

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,649	166.90	0.06
26.10	0.00	6,629	166.90	0.05
26.20	0.00	6,610	166.90	0.05
26.30	0.00	6,592	166.90	0.05
26.40	0.00	6,575	166.89	0.05
26.50	0.00	6,558	166.89	0.05
26.60	0.00	6,542	166.89	0.04
26.70	0.00	6,526	166.89	0.04
26.80	0.00	6,511	166.88	0.04
26.90	0.00	6,497	166.88	0.04
27.00	0.00	6,483	166.88	0.04
27.10	0.00	6,469	166.88	0.04
27.20	0.00	6,456	166.88	0.04
27.30	0.00	6,443	166.87	0.04
27.40	0.00	6,431	166.87	0.03
27.50	0.00	6,419	166.87	0.03
27.60	0.00	6,407	166.87	0.03
27.70	0.00	6,395	166.87	0.03
27.80	0.00	6,384	166.87	0.03
27.90	0.00	6,373	166.87	0.03
28.00	0.00	6,363	166.86	0.03
28.10	0.00	6,353	166.86	0.03
28.20	0.00	6,343	166.86	0.03
28.30	0.00	6,333	166.86	0.03
28.40	0.00	6,323	166.86	0.03
28.50	0.00	6,314	166.86	0.03
28.60	0.00	6,305	166.86	0.02
28.70	0.00	6,296	166.85	0.02
28.80	0.00	6,288	166.85	0.02
28.90	0.00	6,280	166.85	0.02
29.00	0.00	6,271	166.85	0.02
29.10	0.00	6,264	166.85	0.02
29.20	0.00	6,256	166.85	0.02
29.30	0.00	6,249	166.85	0.02
29.40	0.00	6,241	166.85	0.02
29.50	0.00	6,234	166.85	0.02
29.60	0.00	6,227	166.85	0.02
29.70	0.00	6,221	166.84	0.02
29.80	0.00	6,214	166.84	0.02
29.90	0.00	6,208	166.84	0.02
30.00	0.00	6,202	166.84	0.02
30.10	0.00	6,196	166.84	0.02
30.20	0.00	6,190	166.84	0.02
30.30	0.00	6,184	166.84	0.02
30.40	0.00	6,179	166.84	0.02
30.50	0.00	6,173	166.84	0.02
30.60	0.00	6,168	166.84	0.01
30.70	0.00	6,162	166.84	0.01
30.80	0.00	6,157	166.84	0.01
30.90	0.00	6,152	166.84	0.01
31.00	0.00	6,147	166.83	0.01
31.10	0.00	6,142	166.83	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,137	166.83	0.01
31.30	0.00	6,132	166.83	0.01
31.40	0.00	6,127	166.83	0.01
31.50	0.00	6,123	166.83	0.01
31.60	0.00	6,118	166.83	0.01
31.70	0.00	6,114	166.83	0.01
31.80	0.00	6,109	166.83	0.01
31.90	0.00	6,105	166.83	0.01
32.00	0.00	6,100	166.83	0.01
32.10	0.00	6,096	166.83	0.01
32.20	0.00	6,092	166.83	0.01
32.30	0.00	6,088	166.83	0.01
32.40	0.00	6,084	166.83	0.01
32.50	0.00	6,080	166.83	0.01
32.60	0.00	6,076	166.82	0.01
32.70	0.00	6,072	166.82	0.01
32.80	0.00	6,068	166.82	0.01
32.90	0.00	6,064	166.82	0.01
33.00	0.00	6,060	166.82	0.01
33.10	0.00	6,057	166.82	0.01
33.20	0.00	6,053	166.82	0.01
33.30	0.00	6,050	166.82	0.01
33.40	0.00	6,046	166.82	0.01
33.50	0.00	6,043	166.82	0.01
33.60	0.00	6,039	166.82	0.01
33.70	0.00	6,036	166.82	0.01
33.80	0.00	6,033	166.82	0.01
33.90	0.00	6,029	166.82	0.01
34.00	0.00	6,026	166.82	0.01
34.10	0.00	6,023	166.82	0.01
34.20	0.00	6,020	166.82	0.01
34.30	0.00	6,017	166.82	0.01
34.40	0.00	6,014	166.82	0.01
34.50	0.00	6,011	166.82	0.01
34.60	0.00	6,008	166.82	0.01
34.70	0.00	6,005	166.82	0.01
34.80	0.00	6,002	166.81	0.01
34.90	0.00	6,000	166.81	0.01
35.00	0.00	5,997	166.81	0.01
35.10	0.00	5,994	166.81	0.01
35.20	0.00	5,992	166.81	0.01
35.30	0.00	5,989	166.81	0.01
35.40	0.00	5,986	166.81	0.01
35.50	0.00	5,984	166.81	0.01
35.60	0.00	5,981	166.81	0.01
35.70	0.00	5,979	166.81	0.01
35.80	0.00	5,977	166.81	0.01
35.90	0.00	5,974	166.81	0.01
36.00	0.00	5,972	166.81	0.01
36.10	0.00	5,970	166.81	0.01
36.20	0.00	5,967	166.81	0.01
36.30	0.00	5,965	166.81	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,963	166.81	0.01
36.50	0.00	5,961	166.81	0.01
36.60	0.00	5,959	166.81	0.01
36.70	0.00	5,957	166.81	0.01
36.80	0.00	5,955	166.81	0.01
36.90	0.00	5,953	166.81	0.01
37.00	0.00	5,951	166.81	0.01
37.10	0.00	5,949	166.81	0.01
37.20	0.00	5,947	166.81	0.01
37.30	0.00	5,945	166.81	0.01
37.40	0.00	5,943	166.81	0.01
37.50	0.00	5,941	166.81	0.01
37.60	0.00	5,939	166.81	0.01
37.70	0.00	5,937	166.81	0.00
37.80	0.00	5,936	166.81	0.00
37.90	0.00	5,934	166.81	0.00
38.00	0.00	5,932	166.81	0.00
38.10	0.00	5,931	166.81	0.00
38.20	0.00	5,929	166.81	0.00
38.30	0.00	5,927	166.80	0.00
38.40	0.00	5,926	166.80	0.00
38.50	0.00	5,924	166.80	0.00
38.60	0.00	5,923	166.80	0.00
38.70	0.00	5,921	166.80	0.00
38.80	0.00	5,920	166.80	0.00
38.90	0.00	5,918	166.80	0.00
39.00	0.00	5,917	166.80	0.00
39.10	0.00	5,915	166.80	0.00
39.20	0.00	5,914	166.80	0.00
39.30	0.00	5,912	166.80	0.00
39.40	0.00	5,911	166.80	0.00
39.50	0.00	5,910	166.80	0.00
39.60	0.00	5,908	166.80	0.00
39.70	0.00	5,907	166.80	0.00
39.80	0.00	5,906	166.80	0.00
39.90	0.00	5,904	166.80	0.00
40.00	0.00	5,903	166.80	0.00

Stage-Discharge for Pond B-45: Basin #45

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.20	167.56	0.80
166.01	0.00	166.53	0.00	167.05	0.22	167.57	0.81
166.02	0.00	166.54	0.00	167.06	0.23	167.58	0.81
166.03	0.00	166.55	0.00	167.07	0.24	167.59	0.82
166.04	0.00	166.56	0.00	167.08	0.26	167.60	0.83
166.05	0.00	166.57	0.00	167.09	0.27	167.61	0.84
166.06	0.00	166.58	0.00	167.10	0.29	167.62	0.84
166.07	0.00	166.59	0.00	167.11	0.30	167.63	0.85
166.08	0.00	166.60	0.00	167.12	0.32	167.64	0.86
166.09	0.00	166.61	0.00	167.13	0.33	167.65	0.87
166.10	0.00	166.62	0.00	167.14	0.35	167.66	0.87
166.11	0.00	166.63	0.00	167.15	0.36	167.67	0.88
166.12	0.00	166.64	0.00	167.16	0.38	167.68	0.89
166.13	0.00	166.65	0.00	167.17	0.39	167.69	0.89
166.14	0.00	166.66	0.00	167.18	0.41	167.70	0.90
166.15	0.00	166.67	0.00	167.19	0.42	167.71	0.91
166.16	0.00	166.68	0.00	167.20	0.44	167.72	0.91
166.17	0.00	166.69	0.00	167.21	0.45	167.73	0.92
166.18	0.00	166.70	0.00	167.22	0.47	167.74	0.93
166.19	0.00	166.71	0.00	167.23	0.48	167.75	0.93
166.20	0.00	166.72	0.00	167.24	0.50	167.76	0.94
166.21	0.00	166.73	0.00	167.25	0.51	167.77	0.95
166.22	0.00	166.74	0.00	167.26	0.52	167.78	0.95
166.23	0.00	166.75	0.00	167.27	0.54	167.79	0.96
166.24	0.00	166.76	0.00	167.28	0.55	167.80	0.97
166.25	0.00	166.77	0.00	167.29	0.56	167.81	0.97
166.26	0.00	166.78	0.00	167.30	0.57	167.82	0.98
166.27	0.00	166.79	0.00	167.31	0.58	167.83	0.99
166.28	0.00	166.80	0.00	167.32	0.59	167.84	0.99
166.29	0.00	166.81	0.01	167.33	0.60	167.85	1.00
166.30	0.00	166.82	0.01	167.34	0.61	167.86	1.00
166.31	0.00	166.83	0.01	167.35	0.62	167.87	1.01
166.32	0.00	166.84	0.02	167.36	0.63	167.88	1.02
166.33	0.00	166.85	0.02	167.37	0.64	167.89	1.02
166.34	0.00	166.86	0.03	167.38	0.65	167.90	1.03
166.35	0.00	166.87	0.03	167.39	0.66	167.91	1.03
166.36	0.00	166.88	0.04	167.40	0.66	167.92	1.04
166.37	0.00	166.89	0.04	167.41	0.67	167.93	1.05
166.38	0.00	166.90	0.05	167.42	0.68	167.94	1.05
166.39	0.00	166.91	0.06	167.43	0.69	167.95	1.06
166.40	0.00	166.92	0.07	167.44	0.70	167.96	1.06
166.41	0.00	166.93	0.08	167.45	0.71	167.97	1.07
166.42	0.00	166.94	0.09	167.46	0.72	167.98	1.08
166.43	0.00	166.95	0.10	167.47	0.73	167.99	1.08
166.44	0.00	166.96	0.11	167.48	0.74	168.00	1.09
166.45	0.00	166.97	0.12	167.49	0.74	168.01	1.09
166.46	0.00	166.98	0.13	167.50	0.75	168.02	1.10
166.47	0.00	166.99	0.14	167.51	0.76	168.03	1.10
166.48	0.00	167.00	0.15	167.52	0.77	168.04	1.11
166.49	0.00	167.01	0.16	167.53	0.78	168.05	1.11
166.50	0.00	167.02	0.18	167.54	0.78	168.06	1.12
166.51	0.00	167.03	0.19	167.55	0.79	168.07	1.13

Stage-Discharge for Pond B-45: Basin #45 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	1.13	168.60	3.20	169.12	10.42	169.64	22.29
168.09	1.14	168.61	3.30	169.13	10.59	169.65	22.99
168.10	1.14	168.62	3.41	169.14	10.76	169.66	23.71
168.11	1.15	168.63	3.52	169.15	10.93	169.67	24.46
168.12	1.15	168.64	3.63	169.16	11.10	169.68	25.22
168.13	1.16	168.65	3.74	169.17	11.27	169.69	26.01
168.14	1.16	168.66	3.85	169.18	11.44	169.70	26.82
168.15	1.17	168.67	3.97	169.19	11.61	169.71	27.69
168.16	1.17	168.68	4.08	169.20	11.78	169.72	28.58
168.17	1.18	168.69	4.20	169.21	11.96	169.73	29.50
168.18	1.18	168.70	4.32	169.22	12.13	169.74	30.45
168.19	1.19	168.71	4.44	169.23	12.31	169.75	31.42
168.20	1.19	168.72	4.56	169.24	12.48	169.76	32.42
168.21	1.20	168.73	4.68	169.25	12.66	169.77	33.44
168.22	1.20	168.74	4.81	169.26	12.84	169.78	34.48
168.23	1.21	168.75	4.94	169.27	13.02	169.79	35.55
168.24	1.22	168.76	5.06	169.28	13.20	169.80	36.65
168.25	1.22	168.77	5.19	169.29	13.38	169.81	37.76
168.26	1.23	168.78	5.32	169.30	13.56	169.82	38.91
168.27	1.23	168.79	5.45	169.31	13.74	169.83	40.08
168.28	1.24	168.80	5.59	169.32	13.92	169.84	41.27
168.29	1.24	168.81	5.72	169.33	14.10	169.85	42.48
168.30	1.25	168.82	5.86	169.34	14.29	169.86	43.72
168.31	1.25	168.83	5.99	169.35	14.47	169.87	44.99
168.32	1.25	168.84	6.13	169.36	14.66	169.88	46.28
168.33	1.26	168.85	6.27	169.37	14.84	169.89	47.59
168.34	1.28	168.86	6.41	169.38	15.03	169.90	48.93
168.35	1.31	168.87	6.55	169.39	15.22	169.91	50.31
168.36	1.34	168.88	6.69	169.40	15.41	169.92	51.73
168.37	1.38	168.89	6.84	169.41	15.60	169.93	53.17
168.38	1.43	168.90	6.98	169.42	15.62	169.94	54.63
168.39	1.48	168.91	7.13	169.43	15.64	169.95	56.12
168.40	1.53	168.92	7.27	169.44	15.67	169.96	57.64
168.41	1.59	168.93	7.42	169.45	15.69	169.97	59.19
168.42	1.65	168.94	7.57	169.46	15.71	169.98	60.76
168.43	1.72	168.95	7.72	169.47	15.74	169.99	62.35
168.44	1.79	168.96	7.87	169.48	15.76	170.00	63.98
168.45	1.86	168.97	8.02	169.49	15.78		
168.46	1.93	168.98	8.18	169.50	15.80		
168.47	2.01	168.99	8.33	169.51	15.94		
168.48	2.09	169.00	8.49	169.52	16.18		
168.49	2.17	169.01	8.64	169.53	16.48		
168.50	2.25	169.02	8.80	169.54	16.83		
168.51	2.33	169.03	8.96	169.55	17.23		
168.52	2.42	169.04	9.12	169.56	17.67		
168.53	2.51	169.05	9.28	169.57	18.14		
168.54	2.60	169.06	9.44	169.58	18.64		
168.55	2.70	169.07	9.60	169.59	19.18		
168.56	2.79	169.08	9.76	169.60	19.75		
168.57	2.89	169.09	9.93	169.61	20.35		
168.58	2.99	169.10	10.09	169.62	20.97		
168.59	3.09	169.11	10.26	169.63	21.62		

Stage-Area-Storage for Pond B-45: Basin #45

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,365	0	166.52	7,365	3,830
166.01	7,365	74	166.53	7,365	3,903
166.02	7,365	147	166.54	7,365	3,977
166.03	7,365	221	166.55	7,365	4,051
166.04	7,365	295	166.56	7,365	4,124
166.05	7,365	368	166.57	7,365	4,198
166.06	7,365	442	166.58	7,365	4,272
166.07	7,365	516	166.59	7,365	4,345
166.08	7,365	589	166.60	7,365	4,419
166.09	7,365	663	166.61	7,365	4,493
166.10	7,365	736	166.62	7,365	4,566
166.11	7,365	810	166.63	7,365	4,640
166.12	7,365	884	166.64	7,365	4,714
166.13	7,365	957	166.65	7,365	4,787
166.14	7,365	1,031	166.66	7,365	4,861
166.15	7,365	1,105	166.67	7,365	4,935
166.16	7,365	1,178	166.68	7,365	5,008
166.17	7,365	1,252	166.69	7,365	5,082
166.18	7,365	1,326	166.70	7,365	5,155
166.19	7,365	1,399	166.71	7,365	5,229
166.20	7,365	1,473	166.72	7,365	5,303
166.21	7,365	1,547	166.73	7,365	5,376
166.22	7,365	1,620	166.74	7,365	5,450
166.23	7,365	1,694	166.75	7,365	5,524
166.24	7,365	1,768	166.76	7,365	5,597
166.25	7,365	1,841	166.77	7,365	5,671
166.26	7,365	1,915	166.78	7,365	5,745
166.27	7,365	1,989	166.79	7,365	5,818
166.28	7,365	2,062	166.80	7,365	5,892
166.29	7,365	2,136	166.81	7,365	5,966
166.30	7,365	2,210	166.82	7,365	6,039
166.31	7,365	2,283	166.83	7,365	6,113
166.32	7,365	2,357	166.84	7,365	6,187
166.33	7,365	2,430	166.85	7,365	6,260
166.34	7,365	2,504	166.86	7,365	6,334
166.35	7,365	2,578	166.87	7,365	6,408
166.36	7,365	2,651	166.88	7,365	6,481
166.37	7,365	2,725	166.89	7,365	6,555
166.38	7,365	2,799	166.90	7,365	6,629
166.39	7,365	2,872	166.91	7,365	6,702
166.40	7,365	2,946	166.92	7,365	6,776
166.41	7,365	3,020	166.93	7,365	6,849
166.42	7,365	3,093	166.94	7,365	6,923
166.43	7,365	3,167	166.95	7,365	6,997
166.44	7,365	3,241	166.96	7,365	7,070
166.45	7,365	3,314	166.97	7,365	7,144
166.46	7,365	3,388	166.98	7,365	7,218
166.47	7,365	3,462	166.99	7,365	7,291
166.48	7,365	3,535	167.00	7,365	7,365
166.49	7,365	3,609	167.01	7,365	7,439
166.50	7,365	3,683	167.02	7,365	7,512
166.51	7,365	3,756	167.03	7,365	7,586

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,365	7,660	167.56	7,365	11,489
167.05	7,365	7,733	167.57	7,365	11,563
167.06	7,365	7,807	167.58	7,365	11,637
167.07	7,365	7,881	167.59	7,365	11,710
167.08	7,365	7,954	167.60	7,365	11,784
167.09	7,365	8,028	167.61	7,365	11,858
167.10	7,365	8,101	167.62	7,365	11,931
167.11	7,365	8,175	167.63	7,365	12,005
167.12	7,365	8,249	167.64	7,365	12,079
167.13	7,365	8,322	167.65	7,365	12,152
167.14	7,365	8,396	167.66	7,365	12,226
167.15	7,365	8,470	167.67	7,365	12,300
167.16	7,365	8,543	167.68	7,365	12,373
167.17	7,365	8,617	167.69	7,365	12,447
167.18	7,365	8,691	167.70	7,365	12,520
167.19	7,365	8,764	167.71	7,365	12,594
167.20	7,365	8,838	167.72	7,365	12,668
167.21	7,365	8,912	167.73	7,365	12,741
167.22	7,365	8,985	167.74	7,365	12,815
167.23	7,365	9,059	167.75	7,365	12,889
167.24	7,365	9,133	167.76	7,365	12,962
167.25	7,365	9,206	167.77	7,365	13,036
167.26	7,365	9,280	167.78	7,365	13,110
167.27	7,365	9,354	167.79	7,365	13,183
167.28	7,365	9,427	167.80	7,365	13,257
167.29	7,365	9,501	167.81	7,365	13,331
167.30	7,365	9,575	167.82	7,365	13,404
167.31	7,365	9,648	167.83	7,365	13,478
167.32	7,365	9,722	167.84	7,365	13,552
167.33	7,365	9,795	167.85	7,365	13,625
167.34	7,365	9,869	167.86	7,365	13,699
167.35	7,365	9,943	167.87	7,365	13,773
167.36	7,365	10,016	167.88	7,365	13,846
167.37	7,365	10,090	167.89	7,365	13,920
167.38	7,365	10,164	167.90	7,365	13,994
167.39	7,365	10,237	167.91	7,365	14,067
167.40	7,365	10,311	167.92	7,365	14,141
167.41	7,365	10,385	167.93	7,365	14,214
167.42	7,365	10,458	167.94	7,365	14,288
167.43	7,365	10,532	167.95	7,365	14,362
167.44	7,365	10,606	167.96	7,365	14,435
167.45	7,365	10,679	167.97	7,365	14,509
167.46	7,365	10,753	167.98	7,365	14,583
167.47	7,365	10,827	167.99	7,365	14,656
167.48	7,365	10,900	168.00	7,365	14,730
167.49	7,365	10,974	168.01	7,365	14,804
167.50	7,365	11,048	168.02	7,365	14,877
167.51	7,365	11,121	168.03	7,365	14,951
167.52	7,365	11,195	168.04	7,365	15,025
167.53	7,365	11,268	168.05	7,365	15,098
167.54	7,365	11,342	168.06	7,365	15,172
167.55	7,365	11,416	168.07	7,365	15,246

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,365	15,319	168.60	7,365	19,149
168.09	7,365	15,393	168.61	7,365	19,223
168.10	7,365	15,466	168.62	7,365	19,296
168.11	7,365	15,540	168.63	7,365	19,370
168.12	7,365	15,614	168.64	7,365	19,444
168.13	7,365	15,687	168.65	7,365	19,517
168.14	7,365	15,761	168.66	7,365	19,591
168.15	7,365	15,835	168.67	7,365	19,665
168.16	7,365	15,908	168.68	7,365	19,738
168.17	7,365	15,982	168.69	7,365	19,812
168.18	7,365	16,056	168.70	7,365	19,885
168.19	7,365	16,129	168.71	7,365	19,959
168.20	7,365	16,203	168.72	7,365	20,033
168.21	7,365	16,277	168.73	7,365	20,106
168.22	7,365	16,350	168.74	7,365	20,180
168.23	7,365	16,424	168.75	7,365	20,254
168.24	7,365	16,498	168.76	7,365	20,327
168.25	7,365	16,571	168.77	7,365	20,401
168.26	7,365	16,645	168.78	7,365	20,475
168.27	7,365	16,719	168.79	7,365	20,548
168.28	7,365	16,792	168.80	7,365	20,622
168.29	7,365	16,866	168.81	7,365	20,696
168.30	7,365	16,940	168.82	7,365	20,769
168.31	7,365	17,013	168.83	7,365	20,843
168.32	7,365	17,087	168.84	7,365	20,917
168.33	7,365	17,160	168.85	7,365	20,990
168.34	7,365	17,234	168.86	7,365	21,064
168.35	7,365	17,308	168.87	7,365	21,138
168.36	7,365	17,381	168.88	7,365	21,211
168.37	7,365	17,455	168.89	7,365	21,285
168.38	7,365	17,529	168.90	7,365	21,359
168.39	7,365	17,602	168.91	7,365	21,432
168.40	7,365	17,676	168.92	7,365	21,506
168.41	7,365	17,750	168.93	7,365	21,579
168.42	7,365	17,823	168.94	7,365	21,653
168.43	7,365	17,897	168.95	7,365	21,727
168.44	7,365	17,971	168.96	7,365	21,800
168.45	7,365	18,044	168.97	7,365	21,874
168.46	7,365	18,118	168.98	7,365	21,948
168.47	7,365	18,192	168.99	7,365	22,021
168.48	7,365	18,265	169.00	7,365	22,095
168.49	7,365	18,339	169.01	7,365	22,169
168.50	7,365	18,413	169.02	7,365	22,242
168.51	7,365	18,486	169.03	7,365	22,316
168.52	7,365	18,560	169.04	7,365	22,390
168.53	7,365	18,633	169.05	7,365	22,463
168.54	7,365	18,707	169.06	7,365	22,537
168.55	7,365	18,781	169.07	7,365	22,611
168.56	7,365	18,854	169.08	7,365	22,684
168.57	7,365	18,928	169.09	7,365	22,758
168.58	7,365	19,002	169.10	7,365	22,831
168.59	7,365	19,075	169.11	7,365	22,905

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,365	22,979	169.64	7,365	26,809
169.13	7,365	23,052	169.65	7,365	26,882
169.14	7,365	23,126	169.66	7,365	26,956
169.15	7,365	23,200	169.67	7,365	27,030
169.16	7,365	23,273	169.68	7,365	27,103
169.17	7,365	23,347	169.69	7,365	27,177
169.18	7,365	23,421	169.70	7,365	27,250
169.19	7,365	23,494	169.71	7,365	27,324
169.20	7,365	23,568	169.72	7,365	27,398
169.21	7,365	23,642	169.73	7,365	27,471
169.22	7,365	23,715	169.74	7,365	27,545
169.23	7,365	23,789	169.75	7,365	27,619
169.24	7,365	23,863	169.76	7,365	27,692
169.25	7,365	23,936	169.77	7,365	27,766
169.26	7,365	24,010	169.78	7,365	27,840
169.27	7,365	24,084	169.79	7,365	27,913
169.28	7,365	24,157	169.80	7,365	27,987
169.29	7,365	24,231	169.81	7,365	28,061
169.30	7,365	24,305	169.82	7,365	28,134
169.31	7,365	24,378	169.83	7,365	28,208
169.32	7,365	24,452	169.84	7,365	28,282
169.33	7,365	24,525	169.85	7,365	28,355
169.34	7,365	24,599	169.86	7,365	28,429
169.35	7,365	24,673	169.87	7,365	28,503
169.36	7,365	24,746	169.88	7,365	28,576
169.37	7,365	24,820	169.89	7,365	28,650
169.38	7,365	24,894	169.90	7,365	28,724
169.39	7,365	24,967	169.91	7,365	28,797
169.40	7,365	25,041	169.92	7,365	28,871
169.41	7,365	25,115	169.93	7,365	28,944
169.42	7,365	25,188	169.94	7,365	29,018
169.43	7,365	25,262	169.95	7,365	29,092
169.44	7,365	25,336	169.96	7,365	29,165
169.45	7,365	25,409	169.97	7,365	29,239
169.46	7,365	25,483	169.98	7,365	29,313
169.47	7,365	25,557	169.99	7,365	29,386
169.48	7,365	25,630	170.00	7,365	29,460
169.49	7,365	25,704			
169.50	7,365	25,778			
169.51	7,365	25,851			
169.52	7,365	25,925			
169.53	7,365	25,998			
169.54	7,365	26,072			
169.55	7,365	26,146			
169.56	7,365	26,219			
169.57	7,365	26,293			
169.58	7,365	26,367			
169.59	7,365	26,440			
169.60	7,365	26,514			
169.61	7,365	26,588			
169.62	7,365	26,661			
169.63	7,365	26,735			

Summary for Pond B-46A: Basin #46A

Inflow Area = 2.480 ac, 46.25% Impervious, Inflow Depth = 3.54" for Current 10 yr event
 Inflow = 11.65 cfs @ 12.08 hrs, Volume= 0.731 af
 Outflow = 2.93 cfs @ 12.30 hrs, Volume= 0.543 af, Atten= 75%, Lag= 13.1 min
 Primary = 2.93 cfs @ 12.30 hrs, Volume= 0.543 af
 Routed to Pond B-46B : Basin #46B

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.27' @ 12.30 hrs Surf.Area= 8,382 sf Storage= 15,723 cf

Plug-Flow detention time= 247.2 min calculated for 0.543 af (74% of inflow)
 Center-of-Mass det. time= 153.2 min (932.0 - 778.8)

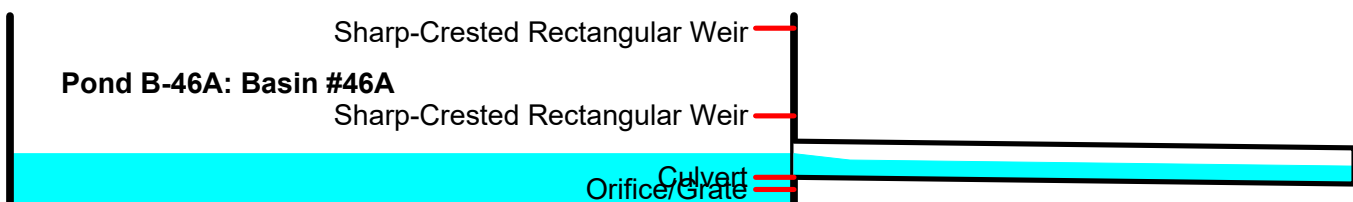
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	96,530 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

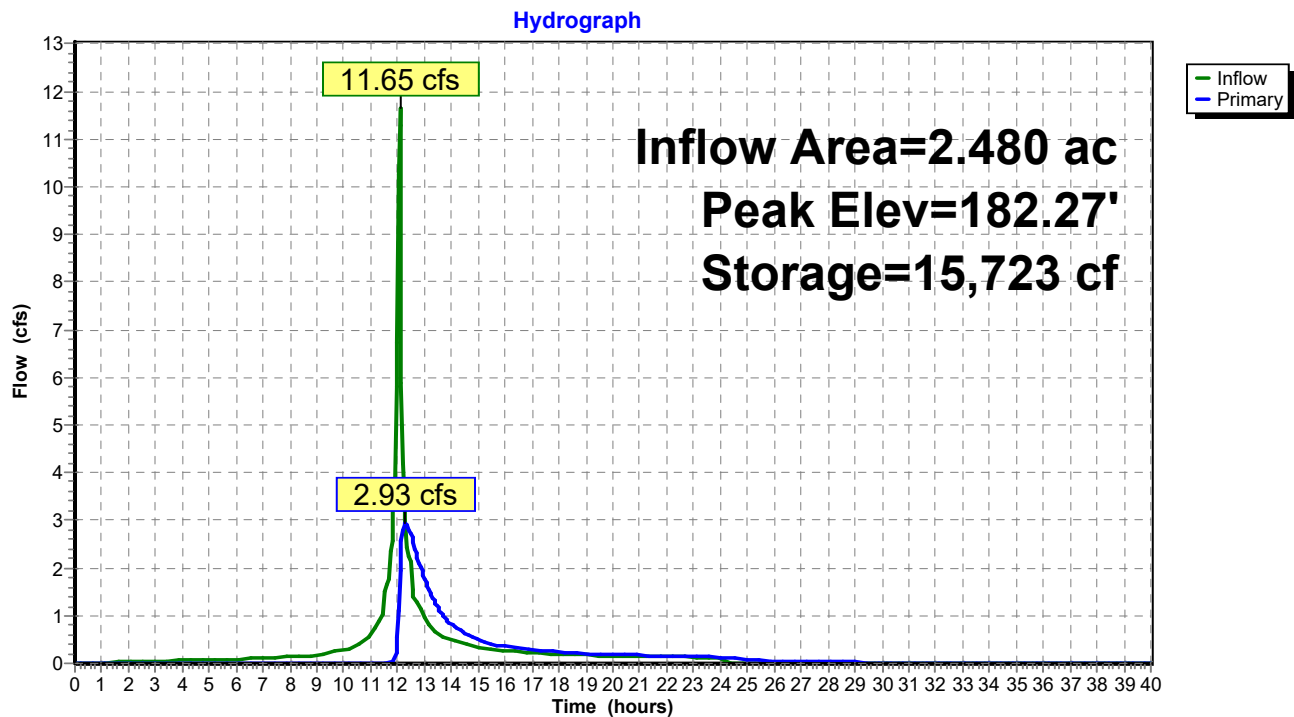
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,720	0	0
181.00	6,639	6,180	6,180
182.00	7,998	7,319	13,498
183.00	9,413	8,706	22,204
184.00	12,515	10,964	33,168
185.00	14,128	13,322	46,489
186.00	15,798	14,963	61,452
187.00	17,524	16,661	78,113
188.00	19,310	18,417	96,530

Device	Routing	Invert	Outlet Devices
#1	Primary	187.50'	50.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s) 0.5' Crest Height
#2	Device 1	180.77'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	183.84'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.28'	18.0" Round Culvert L= 56.0' Ke= 1.000 Inlet / Outlet Invert= 181.28' / 181.00' S= 0.0050 ' /' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf

Primary OutFlow Max=2.93 cfs @ 12.30 hrs HW=182.27' (Free Discharge)

- 1=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Culvert (Barrel Controls 2.93 cfs @ 3.35 fps)



Pond B-46A: Basin #46A

Hydrograph for Pond B-46A: Basin #46A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	1	180.00	0.00
1.00	0.01	3	180.00	0.00
1.10	0.01	6	180.00	0.00
1.20	0.01	11	180.00	0.00
1.30	0.02	16	180.00	0.00
1.40	0.02	22	180.00	0.00
1.50	0.02	29	180.01	0.00
1.60	0.02	38	180.01	0.00
1.70	0.03	46	180.01	0.00
1.80	0.03	56	180.01	0.00
1.90	0.03	67	180.01	0.00
2.00	0.03	78	180.01	0.00
2.10	0.03	90	180.02	0.00
2.20	0.04	102	180.02	0.00
2.30	0.04	116	180.02	0.00
2.40	0.04	130	180.02	0.00
2.50	0.04	144	180.03	0.00
2.60	0.04	160	180.03	0.00
2.70	0.04	175	180.03	0.00
2.80	0.05	192	180.03	0.00
2.90	0.05	209	180.04	0.00
3.00	0.05	226	180.04	0.00
3.10	0.05	244	180.04	0.00
3.20	0.05	263	180.05	0.00
3.30	0.05	282	180.05	0.00
3.40	0.05	301	180.05	0.00
3.50	0.06	321	180.06	0.00
3.60	0.06	342	180.06	0.00
3.70	0.06	362	180.06	0.00
3.80	0.06	384	180.07	0.00
3.90	0.06	406	180.07	0.00
4.00	0.06	428	180.07	0.00
4.10	0.06	450	180.08	0.00
4.20	0.06	473	180.08	0.00
4.30	0.07	497	180.09	0.00
4.40	0.07	521	180.09	0.00
4.50	0.07	545	180.09	0.00
4.60	0.07	569	180.10	0.00
4.70	0.07	594	180.10	0.00
4.80	0.07	620	180.11	0.00
4.90	0.07	645	180.11	0.00
5.00	0.07	671	180.12	0.00
5.10	0.07	698	180.12	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	725	180.13	0.00
5.30	0.08	752	180.13	0.00
5.40	0.08	779	180.13	0.00
5.50	0.08	807	180.14	0.00
5.60	0.08	835	180.14	0.00
5.70	0.08	863	180.15	0.00
5.80	0.08	892	180.15	0.00
5.90	0.08	921	180.16	0.00
6.00	0.08	951	180.16	0.00
6.10	0.08	981	180.17	0.00
6.20	0.09	1,012	180.17	0.00
6.30	0.09	1,043	180.18	0.00
6.40	0.09	1,076	180.19	0.00
6.50	0.09	1,110	180.19	0.00
6.60	0.10	1,144	180.20	0.00
6.70	0.10	1,179	180.20	0.00
6.80	0.10	1,216	180.21	0.00
6.90	0.10	1,253	180.22	0.00
7.00	0.11	1,291	180.22	0.00
7.10	0.11	1,329	180.23	0.00
7.20	0.11	1,369	180.23	0.00
7.30	0.11	1,410	180.24	0.00
7.40	0.12	1,451	180.25	0.00
7.50	0.12	1,494	180.26	0.00
7.60	0.12	1,537	180.26	0.00
7.70	0.12	1,581	180.27	0.00
7.80	0.13	1,626	180.28	0.00
7.90	0.13	1,672	180.29	0.00
8.00	0.13	1,719	180.29	0.00
8.10	0.13	1,767	180.30	0.00
8.20	0.14	1,816	180.31	0.00
8.30	0.14	1,865	180.32	0.00
8.40	0.14	1,915	180.33	0.00
8.50	0.14	1,967	180.33	0.00
8.60	0.15	2,019	180.34	0.00
8.70	0.15	2,072	180.35	0.00
8.80	0.15	2,126	180.36	0.00
8.90	0.16	2,182	180.37	0.00
9.00	0.16	2,238	180.38	0.00
9.10	0.17	2,298	180.39	0.00
9.20	0.18	2,362	180.40	0.00
9.30	0.19	2,429	180.41	0.00
9.40	0.20	2,501	180.42	0.00
9.50	0.21	2,576	180.44	0.00
9.60	0.23	2,656	180.45	0.00
9.70	0.24	2,740	180.46	0.00
9.80	0.25	2,829	180.48	0.00
9.90	0.26	2,922	180.49	0.00
10.00	0.28	3,019	180.51	0.00
10.10	0.29	3,122	180.52	0.00
10.20	0.30	3,229	180.54	0.00
10.30	0.32	3,341	180.56	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.33	3,458	180.58	0.00
10.50	0.35	3,580	180.60	0.00
10.60	0.39	3,714	180.62	0.00
10.70	0.44	3,865	180.64	0.00
10.80	0.48	4,032	180.67	0.00
10.90	0.53	4,217	180.70	0.00
11.00	0.58	4,419	180.73	0.00
11.10	0.67	4,649	180.77	0.00
11.20	0.77	4,911	180.81	0.00
11.30	0.86	5,208	180.85	0.00
11.40	0.96	5,540	180.90	0.00
11.50	1.07	5,907	180.96	0.00
11.60	1.66	6,424	181.04	0.00
11.70	1.82	7,051	181.13	0.00
11.80	2.56	7,866	181.25	0.00
11.90	3.73	9,026	181.41	0.07
12.00	6.72	10,916	181.67	0.54
12.10	11.28	13,960	182.06	1.94
12.20	4.19	15,523	182.25	2.81
12.30	3.02	15,724	182.27	2.93
12.40	2.24	15,588	182.26	2.85
12.50	2.11	15,365	182.23	2.72
12.60	1.39	15,015	182.19	2.52
12.70	1.30	14,628	182.14	2.30
12.80	1.19	14,278	182.10	2.11
12.90	1.08	13,954	182.06	1.93
13.00	0.96	13,650	182.02	1.77
13.10	0.85	13,362	181.98	1.62
13.20	0.79	13,096	181.95	1.49
13.30	0.73	12,854	181.92	1.37
13.40	0.67	12,631	181.89	1.26
13.50	0.61	12,423	181.86	1.16
13.60	0.55	12,226	181.84	1.07
13.70	0.53	12,049	181.82	1.00
13.80	0.52	11,891	181.80	0.93
13.90	0.50	11,751	181.78	0.87
14.00	0.49	11,626	181.76	0.81
14.10	0.47	11,513	181.75	0.77
14.20	0.45	11,409	181.73	0.73
14.30	0.44	11,314	181.72	0.69
14.40	0.42	11,225	181.71	0.66
14.50	0.41	11,142	181.70	0.63
14.60	0.39	11,065	181.69	0.60
14.70	0.37	10,992	181.68	0.57
14.80	0.36	10,923	181.67	0.55
14.90	0.34	10,856	181.66	0.52
15.00	0.32	10,790	181.65	0.50
15.10	0.31	10,727	181.64	0.48
15.20	0.30	10,668	181.63	0.46
15.30	0.30	10,614	181.63	0.44
15.40	0.30	10,566	181.62	0.43
15.50	0.29	10,521	181.62	0.41

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.29	10,479	181.61	0.40
15.70	0.28	10,441	181.60	0.38
15.80	0.28	10,406	181.60	0.37
15.90	0.28	10,373	181.60	0.36
16.00	0.27	10,341	181.59	0.36
16.10	0.27	10,312	181.59	0.35
16.20	0.26	10,283	181.58	0.34
16.30	0.26	10,256	181.58	0.33
16.40	0.25	10,229	181.58	0.32
16.50	0.25	10,204	181.57	0.32
16.60	0.25	10,180	181.57	0.31
16.70	0.24	10,156	181.57	0.30
16.80	0.24	10,133	181.56	0.30
16.90	0.23	10,111	181.56	0.29
17.00	0.23	10,089	181.56	0.29
17.10	0.22	10,068	181.55	0.28
17.20	0.22	10,048	181.55	0.28
17.30	0.21	10,028	181.55	0.27
17.40	0.21	10,008	181.55	0.26
17.50	0.21	9,988	181.54	0.26
17.60	0.20	9,969	181.54	0.25
17.70	0.20	9,951	181.54	0.25
17.80	0.19	9,932	181.54	0.24
17.90	0.19	9,914	181.53	0.24
18.00	0.18	9,896	181.53	0.23
18.10	0.18	9,878	181.53	0.23
18.20	0.18	9,861	181.53	0.22
18.30	0.18	9,845	181.52	0.22
18.40	0.18	9,830	181.52	0.22
18.50	0.18	9,817	181.52	0.21
18.60	0.17	9,804	181.52	0.21
18.70	0.17	9,792	181.52	0.21
18.80	0.17	9,780	181.52	0.20
18.90	0.17	9,768	181.51	0.20
19.00	0.17	9,757	181.51	0.20
19.10	0.17	9,747	181.51	0.20
19.20	0.17	9,737	181.51	0.20
19.30	0.17	9,727	181.51	0.19
19.40	0.17	9,717	181.51	0.19
19.50	0.16	9,708	181.51	0.19
19.60	0.16	9,699	181.50	0.19
19.70	0.16	9,691	181.50	0.19
19.80	0.16	9,682	181.50	0.18
19.90	0.16	9,674	181.50	0.18
20.00	0.16	9,666	181.50	0.18
20.10	0.16	9,658	181.50	0.18
20.20	0.16	9,651	181.50	0.18
20.30	0.16	9,643	181.50	0.18
20.40	0.16	9,636	181.50	0.18
20.50	0.15	9,629	181.49	0.17
20.60	0.15	9,622	181.49	0.17
20.70	0.15	9,615	181.49	0.17

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.15	9,608	181.49	0.17
20.90	0.15	9,601	181.49	0.17
21.00	0.15	9,595	181.49	0.17
21.10	0.15	9,588	181.49	0.17
21.20	0.15	9,582	181.49	0.16
21.30	0.15	9,576	181.49	0.16
21.40	0.14	9,569	181.49	0.16
21.50	0.14	9,563	181.49	0.16
21.60	0.14	9,557	181.48	0.16
21.70	0.14	9,551	181.48	0.16
21.80	0.14	9,545	181.48	0.16
21.90	0.14	9,539	181.48	0.16
22.00	0.14	9,533	181.48	0.15
22.10	0.14	9,527	181.48	0.15
22.20	0.14	9,521	181.48	0.15
22.30	0.13	9,515	181.48	0.15
22.40	0.13	9,509	181.48	0.15
22.50	0.13	9,503	181.48	0.15
22.60	0.13	9,498	181.48	0.15
22.70	0.13	9,492	181.48	0.15
22.80	0.13	9,486	181.47	0.14
22.90	0.13	9,481	181.47	0.14
23.00	0.13	9,475	181.47	0.14
23.10	0.13	9,469	181.47	0.14
23.20	0.12	9,464	181.47	0.14
23.30	0.12	9,458	181.47	0.14
23.40	0.12	9,453	181.47	0.14
23.50	0.12	9,447	181.47	0.14
23.60	0.12	9,441	181.47	0.14
23.70	0.12	9,436	181.47	0.13
23.80	0.12	9,430	181.47	0.13
23.90	0.12	9,425	181.47	0.13
24.00	0.14	9,425	181.47	0.13
24.10	0.00	9,397	181.46	0.13
24.20	0.00	9,353	181.46	0.12
24.30	0.00	9,312	181.45	0.11
24.40	0.00	9,275	181.45	0.10
24.50	0.00	9,239	181.44	0.09
24.60	0.00	9,206	181.44	0.09
24.70	0.00	9,175	181.43	0.09
24.80	0.00	9,144	181.43	0.08
24.90	0.00	9,115	181.42	0.08
25.00	0.00	9,088	181.42	0.08
25.10	0.00	9,061	181.42	0.07
25.20	0.00	9,036	181.41	0.07
25.30	0.00	9,012	181.41	0.07
25.40	0.00	8,989	181.41	0.06
25.50	0.00	8,967	181.40	0.06
25.60	0.00	8,945	181.40	0.06
25.70	0.00	8,925	181.40	0.05
25.80	0.00	8,906	181.39	0.05
25.90	0.00	8,887	181.39	0.05

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,870	181.39	0.05
26.10	0.00	8,853	181.39	0.05
26.20	0.00	8,836	181.38	0.04
26.30	0.00	8,821	181.38	0.04
26.40	0.00	8,806	181.38	0.04
26.50	0.00	8,792	181.38	0.04
26.60	0.00	8,778	181.38	0.04
26.70	0.00	8,765	181.38	0.04
26.80	0.00	8,753	181.37	0.03
26.90	0.00	8,741	181.37	0.03
27.00	0.00	8,730	181.37	0.03
27.10	0.00	8,719	181.37	0.03
27.20	0.00	8,709	181.37	0.03
27.30	0.00	8,699	181.37	0.03
27.40	0.00	8,689	181.36	0.03
27.50	0.00	8,680	181.36	0.02
27.60	0.00	8,671	181.36	0.02
27.70	0.00	8,663	181.36	0.02
27.80	0.00	8,655	181.36	0.02
27.90	0.00	8,647	181.36	0.02
28.00	0.00	8,640	181.36	0.02
28.10	0.00	8,632	181.36	0.02
28.20	0.00	8,625	181.36	0.02
28.30	0.00	8,617	181.35	0.02
28.40	0.00	8,610	181.35	0.02
28.50	0.00	8,603	181.35	0.02
28.60	0.00	8,596	181.35	0.02
28.70	0.00	8,589	181.35	0.02
28.80	0.00	8,582	181.35	0.02
28.90	0.00	8,575	181.35	0.02
29.00	0.00	8,569	181.35	0.02
29.10	0.00	8,562	181.35	0.02
29.20	0.00	8,556	181.35	0.02
29.30	0.00	8,549	181.34	0.02
29.40	0.00	8,543	181.34	0.02
29.50	0.00	8,537	181.34	0.02
29.60	0.00	8,530	181.34	0.02
29.70	0.00	8,524	181.34	0.02
29.80	0.00	8,518	181.34	0.02
29.90	0.00	8,513	181.34	0.02
30.00	0.00	8,507	181.34	0.02
30.10	0.00	8,501	181.34	0.02
30.20	0.00	8,495	181.34	0.02
30.30	0.00	8,490	181.34	0.02
30.40	0.00	8,484	181.34	0.02
30.50	0.00	8,479	181.33	0.01
30.60	0.00	8,474	181.33	0.01
30.70	0.00	8,468	181.33	0.01
30.80	0.00	8,463	181.33	0.01
30.90	0.00	8,458	181.33	0.01
31.00	0.00	8,453	181.33	0.01
31.10	0.00	8,448	181.33	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,443	181.33	0.01
31.30	0.00	8,438	181.33	0.01
31.40	0.00	8,433	181.33	0.01
31.50	0.00	8,429	181.33	0.01
31.60	0.00	8,424	181.33	0.01
31.70	0.00	8,419	181.33	0.01
31.80	0.00	8,415	181.33	0.01
31.90	0.00	8,410	181.33	0.01
32.00	0.00	8,406	181.32	0.01
32.10	0.00	8,402	181.32	0.01
32.20	0.00	8,397	181.32	0.01
32.30	0.00	8,393	181.32	0.01
32.40	0.00	8,389	181.32	0.01
32.50	0.00	8,385	181.32	0.01
32.60	0.00	8,381	181.32	0.01
32.70	0.00	8,377	181.32	0.01
32.80	0.00	8,373	181.32	0.01
32.90	0.00	8,369	181.32	0.01
33.00	0.00	8,365	181.32	0.01
33.10	0.00	8,361	181.32	0.01
33.20	0.00	8,358	181.32	0.01
33.30	0.00	8,354	181.32	0.01
33.40	0.00	8,350	181.32	0.01
33.50	0.00	8,347	181.32	0.01
33.60	0.00	8,343	181.32	0.01
33.70	0.00	8,340	181.32	0.01
33.80	0.00	8,336	181.31	0.01
33.90	0.00	8,333	181.31	0.01
34.00	0.00	8,330	181.31	0.01
34.10	0.00	8,326	181.31	0.01
34.20	0.00	8,323	181.31	0.01
34.30	0.00	8,320	181.31	0.01
34.40	0.00	8,317	181.31	0.01
34.50	0.00	8,314	181.31	0.01
34.60	0.00	8,311	181.31	0.01
34.70	0.00	8,308	181.31	0.01
34.80	0.00	8,305	181.31	0.01
34.90	0.00	8,302	181.31	0.01
35.00	0.00	8,299	181.31	0.01
35.10	0.00	8,296	181.31	0.01
35.20	0.00	8,293	181.31	0.01
35.30	0.00	8,290	181.31	0.01
35.40	0.00	8,288	181.31	0.01
35.50	0.00	8,285	181.31	0.01
35.60	0.00	8,282	181.31	0.01
35.70	0.00	8,280	181.31	0.01
35.80	0.00	8,277	181.31	0.01
35.90	0.00	8,274	181.31	0.01
36.00	0.00	8,272	181.31	0.01
36.10	0.00	8,269	181.31	0.01
36.20	0.00	8,267	181.30	0.01
36.30	0.00	8,265	181.30	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,262	181.30	0.01
36.50	0.00	8,260	181.30	0.01
36.60	0.00	8,258	181.30	0.01
36.70	0.00	8,255	181.30	0.01
36.80	0.00	8,253	181.30	0.01
36.90	0.00	8,251	181.30	0.01
37.00	0.00	8,249	181.30	0.01
37.10	0.00	8,246	181.30	0.01
37.20	0.00	8,244	181.30	0.01
37.30	0.00	8,242	181.30	0.01
37.40	0.00	8,240	181.30	0.01
37.50	0.00	8,238	181.30	0.01
37.60	0.00	8,236	181.30	0.01
37.70	0.00	8,234	181.30	0.01
37.80	0.00	8,232	181.30	0.01
37.90	0.00	8,230	181.30	0.01
38.00	0.00	8,228	181.30	0.01
38.10	0.00	8,226	181.30	0.01
38.20	0.00	8,224	181.30	0.01
38.30	0.00	8,223	181.30	0.01
38.40	0.00	8,221	181.30	0.00
38.50	0.00	8,219	181.30	0.00
38.60	0.00	8,217	181.30	0.00
38.70	0.00	8,216	181.30	0.00
38.80	0.00	8,214	181.30	0.00
38.90	0.00	8,212	181.30	0.00
39.00	0.00	8,210	181.30	0.00
39.10	0.00	8,209	181.30	0.00
39.20	0.00	8,207	181.30	0.00
39.30	0.00	8,206	181.30	0.00
39.40	0.00	8,204	181.30	0.00
39.50	0.00	8,203	181.30	0.00
39.60	0.00	8,201	181.30	0.00
39.70	0.00	8,199	181.30	0.00
39.80	0.00	8,198	181.30	0.00
39.90	0.00	8,197	181.29	0.00
40.00	0.00	8,195	181.29	0.00

Stage-Discharge for Pond B-46A: Basin #46A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.29
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.31
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.33
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.35
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.37
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.40
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.42
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.44
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.47
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.49
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.52
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.55
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.57
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.60
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.63
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.66
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.69
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.72
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.75
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.78
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.81
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.84
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.87
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.91
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.94
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.97
180.26	0.00	180.78	0.00	181.30	0.00	181.82	1.01
180.27	0.00	180.79	0.00	181.31	0.00	181.83	1.04
180.28	0.00	180.80	0.00	181.32	0.00	181.84	1.08
180.29	0.00	180.81	0.00	181.33	0.01	181.85	1.11
180.30	0.00	180.82	0.00	181.34	0.01	181.86	1.15
180.31	0.00	180.83	0.00	181.35	0.02	181.87	1.18
180.32	0.00	180.84	0.00	181.36	0.02	181.88	1.22
180.33	0.00	180.85	0.00	181.37	0.03	181.89	1.26
180.34	0.00	180.86	0.00	181.38	0.03	181.90	1.29
180.35	0.00	180.87	0.00	181.39	0.04	181.91	1.33
180.36	0.00	180.88	0.00	181.40	0.05	181.92	1.37
180.37	0.00	180.89	0.00	181.41	0.06	181.93	1.41
180.38	0.00	180.90	0.00	181.42	0.07	181.94	1.45
180.39	0.00	180.91	0.00	181.43	0.08	181.95	1.49
180.40	0.00	180.92	0.00	181.44	0.09	181.96	1.53
180.41	0.00	180.93	0.00	181.45	0.11	181.97	1.57
180.42	0.00	180.94	0.00	181.46	0.12	181.98	1.61
180.43	0.00	180.95	0.00	181.47	0.13	181.99	1.65
180.44	0.00	180.96	0.00	181.48	0.15	182.00	1.69
180.45	0.00	180.97	0.00	181.49	0.16	182.01	1.73
180.46	0.00	180.98	0.00	181.50	0.18	182.02	1.77
180.47	0.00	180.99	0.00	181.51	0.19	182.03	1.82
180.48	0.00	181.00	0.00	181.52	0.21	182.04	1.86
180.49	0.00	181.01	0.00	181.53	0.23	182.05	1.90
180.50	0.00	181.02	0.00	181.54	0.25	182.06	1.95
180.51	0.00	181.03	0.00	181.55	0.27	182.07	1.99

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	2.03	182.60	4.60	183.12	6.66	183.64	8.10
182.09	2.08	182.61	4.65	183.13	6.69	183.65	8.12
182.10	2.12	182.62	4.71	183.14	6.72	183.66	8.15
182.11	2.17	182.63	4.76	183.15	6.75	183.67	8.17
182.12	2.21	182.64	4.81	183.16	6.78	183.68	8.20
182.13	2.26	182.65	4.86	183.17	6.81	183.69	8.22
182.14	2.30	182.66	4.91	183.18	6.84	183.70	8.25
182.15	2.35	182.67	4.96	183.19	6.87	183.71	8.27
182.16	2.40	182.68	5.01	183.20	6.90	183.72	8.30
182.17	2.44	182.69	5.07	183.21	6.93	183.73	8.32
182.18	2.49	182.70	5.12	183.22	6.96	183.74	8.34
182.19	2.54	182.71	5.17	183.23	6.99	183.75	8.37
182.20	2.58	182.72	5.22	183.24	7.02	183.76	8.39
182.21	2.63	182.73	5.27	183.25	7.05	183.77	8.42
182.22	2.68	182.74	5.32	183.26	7.08	183.78	8.44
182.23	2.73	182.75	5.37	183.27	7.11	183.79	8.47
182.24	2.77	182.76	5.42	183.28	7.13	183.80	8.49
182.25	2.82	182.77	5.47	183.29	7.16	183.81	8.51
182.26	2.87	182.78	5.52	183.30	7.19	183.82	8.54
182.27	2.92	182.79	5.56	183.31	7.22	183.83	8.56
182.28	2.97	182.80	5.60	183.32	7.25	183.84	8.59
182.29	3.02	182.81	5.64	183.33	7.28	183.85	8.61
182.30	3.07	182.82	5.67	183.34	7.30	183.86	8.63
182.31	3.12	182.83	5.71	183.35	7.33	183.87	8.66
182.32	3.17	182.84	5.74	183.36	7.36	183.88	8.68
182.33	3.22	182.85	5.78	183.37	7.39	183.89	8.70
182.34	3.27	182.86	5.81	183.38	7.41	183.90	8.73
182.35	3.32	182.87	5.85	183.39	7.44	183.91	8.75
182.36	3.37	182.88	5.88	183.40	7.47	183.92	8.77
182.37	3.42	182.89	5.92	183.41	7.50	183.93	8.80
182.38	3.47	182.90	5.95	183.42	7.52	183.94	8.82
182.39	3.52	182.91	5.99	183.43	7.55	183.95	8.84
182.40	3.57	182.92	6.02	183.44	7.58	183.96	8.87
182.41	3.62	182.93	6.05	183.45	7.60	183.97	8.89
182.42	3.67	182.94	6.09	183.46	7.63	183.98	8.91
182.43	3.72	182.95	6.12	183.47	7.66	183.99	8.93
182.44	3.77	182.96	6.15	183.48	7.68	184.00	8.96
182.45	3.83	182.97	6.19	183.49	7.71	184.01	8.98
182.46	3.88	182.98	6.22	183.50	7.74	184.02	9.00
182.47	3.93	182.99	6.25	183.51	7.76	184.03	9.02
182.48	3.98	183.00	6.29	183.52	7.79	184.04	9.05
182.49	4.03	183.01	6.32	183.53	7.82	184.05	9.07
182.50	4.08	183.02	6.35	183.54	7.84	184.06	9.09
182.51	4.13	183.03	6.38	183.55	7.87	184.07	9.11
182.52	4.19	183.04	6.41	183.56	7.89	184.08	9.14
182.53	4.24	183.05	6.45	183.57	7.92	184.09	9.16
182.54	4.29	183.06	6.48	183.58	7.94	184.10	9.18
182.55	4.34	183.07	6.51	183.59	7.97	184.11	9.20
182.56	4.39	183.08	6.54	183.60	8.00	184.12	9.23
182.57	4.45	183.09	6.57	183.61	8.02	184.13	9.25
182.58	4.50	183.10	6.60	183.62	8.05	184.14	9.27
182.59	4.55	183.11	6.63	183.63	8.07	184.15	9.29

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	9.31	184.68	10.39	185.20	11.36	185.72	12.26
184.17	9.34	184.69	10.41	185.21	11.38	185.73	12.28
184.18	9.36	184.70	10.43	185.22	11.40	185.74	12.29
184.19	9.38	184.71	10.45	185.23	11.42	185.75	12.31
184.20	9.40	184.72	10.47	185.24	11.43	185.76	12.32
184.21	9.42	184.73	10.49	185.25	11.45	185.77	12.34
184.22	9.44	184.74	10.51	185.26	11.47	185.78	12.36
184.23	9.47	184.75	10.52	185.27	11.49	185.79	12.37
184.24	9.49	184.76	10.54	185.28	11.50	185.80	12.39
184.25	9.51	184.77	10.56	185.29	11.52	185.81	12.41
184.26	9.53	184.78	10.58	185.30	11.54	185.82	12.42
184.27	9.55	184.79	10.60	185.31	11.56	185.83	12.44
184.28	9.57	184.80	10.62	185.32	11.58	185.84	12.46
184.29	9.59	184.81	10.64	185.33	11.59	185.85	12.47
184.30	9.61	184.82	10.66	185.34	11.61	185.86	12.49
184.31	9.64	184.83	10.68	185.35	11.63	185.87	12.51
184.32	9.66	184.84	10.70	185.36	11.65	185.88	12.52
184.33	9.68	184.85	10.72	185.37	11.66	185.89	12.54
184.34	9.70	184.86	10.74	185.38	11.68	185.90	12.55
184.35	9.72	184.87	10.75	185.39	11.70	185.91	12.57
184.36	9.74	184.88	10.77	185.40	11.72	185.92	12.59
184.37	9.76	184.89	10.79	185.41	11.73	185.93	12.60
184.38	9.78	184.90	10.81	185.42	11.75	185.94	12.62
184.39	9.80	184.91	10.83	185.43	11.77	185.95	12.63
184.40	9.82	184.92	10.85	185.44	11.78	185.96	12.65
184.41	9.85	184.93	10.87	185.45	11.80	185.97	12.67
184.42	9.87	184.94	10.89	185.46	11.82	185.98	12.68
184.43	9.89	184.95	10.90	185.47	11.84	185.99	12.70
184.44	9.91	184.96	10.92	185.48	11.85	186.00	12.72
184.45	9.93	184.97	10.94	185.49	11.87	186.01	12.73
184.46	9.95	184.98	10.96	185.50	11.89	186.02	12.75
184.47	9.97	184.99	10.98	185.51	11.90	186.03	12.76
184.48	9.99	185.00	11.00	185.52	11.92	186.04	12.78
184.49	10.01	185.01	11.02	185.53	11.94	186.05	12.80
184.50	10.03	185.02	11.03	185.54	11.96	186.06	12.81
184.51	10.05	185.03	11.05	185.55	11.97	186.07	12.83
184.52	10.07	185.04	11.07	185.56	11.99	186.08	12.84
184.53	10.09	185.05	11.09	185.57	12.01	186.09	12.86
184.54	10.11	185.06	11.11	185.58	12.02	186.10	12.87
184.55	10.13	185.07	11.13	185.59	12.04	186.11	12.89
184.56	10.15	185.08	11.14	185.60	12.06	186.12	12.91
184.57	10.17	185.09	11.16	185.61	12.07	186.13	12.92
184.58	10.19	185.10	11.18	185.62	12.09	186.14	12.94
184.59	10.21	185.11	11.20	185.63	12.11	186.15	12.95
184.60	10.23	185.12	11.22	185.64	12.12	186.16	12.97
184.61	10.25	185.13	11.24	185.65	12.14	186.17	12.98
184.62	10.27	185.14	11.25	185.66	12.16	186.18	13.00
184.63	10.29	185.15	11.27	185.67	12.18	186.19	13.02
184.64	10.31	185.16	11.29	185.68	12.19	186.20	13.03
184.65	10.33	185.17	11.31	185.69	12.21	186.21	13.05
184.66	10.35	185.18	11.33	185.70	12.23	186.22	13.06
184.67	10.37	185.19	11.34	185.71	12.24	186.23	13.08

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	13.09	186.76	13.88	187.28	14.62	187.80	44.13
186.25	13.11	186.77	13.89	187.29	14.64	187.81	45.67
186.26	13.12	186.78	13.91	187.30	14.65	187.82	47.23
186.27	13.14	186.79	13.92	187.31	14.66	187.83	48.82
186.28	13.16	186.80	13.94	187.32	14.68	187.84	50.44
186.29	13.17	186.81	13.95	187.33	14.69	187.85	52.10
186.30	13.19	186.82	13.97	187.34	14.71	187.86	53.78
186.31	13.20	186.83	13.98	187.35	14.72	187.87	54.55
186.32	13.22	186.84	14.00	187.36	14.73	187.88	55.04
186.33	13.23	186.85	14.01	187.37	14.75	187.89	55.53
186.34	13.25	186.86	14.02	187.38	14.76	187.90	56.02
186.35	13.26	186.87	14.04	187.39	14.77	187.91	56.49
186.36	13.28	186.88	14.05	187.40	14.79	187.92	56.97
186.37	13.29	186.89	14.07	187.41	14.80	187.93	57.44
186.38	13.31	186.90	14.08	187.42	14.82	187.94	57.90
186.39	13.33	186.91	14.10	187.43	14.83	187.95	58.36
186.40	13.34	186.92	14.11	187.44	14.84	187.96	58.82
186.41	13.36	186.93	14.13	187.45	14.86	187.97	59.27
186.42	13.37	186.94	14.14	187.46	14.87	187.98	59.72
186.43	13.39	186.95	14.16	187.47	14.88	187.99	60.17
186.44	13.40	186.96	14.17	187.48	14.90	188.00	60.62
186.45	13.42	186.97	14.18	187.49	14.91		
186.46	13.43	186.98	14.20	187.50	14.93		
186.47	13.45	186.99	14.21	187.51	15.10		
186.48	13.46	187.00	14.23	187.52	15.42		
186.49	13.48	187.01	14.24	187.53	15.82		
186.50	13.49	187.02	14.26	187.54	16.30		
186.51	13.51	187.03	14.27	187.55	16.84		
186.52	13.52	187.04	14.28	187.56	17.44		
186.53	13.54	187.05	14.30	187.57	18.10		
186.54	13.55	187.06	14.31	187.58	18.80		
186.55	13.57	187.07	14.33	187.59	19.56		
186.56	13.58	187.08	14.34	187.60	20.36		
186.57	13.60	187.09	14.35	187.61	21.20		
186.58	13.61	187.10	14.37	187.62	22.08		
186.59	13.63	187.11	14.38	187.63	23.00		
186.60	13.64	187.12	14.40	187.64	23.97		
186.61	13.66	187.13	14.41	187.65	24.97		
186.62	13.67	187.14	14.43	187.66	26.01		
186.63	13.69	187.15	14.44	187.67	27.08		
186.64	13.70	187.16	14.45	187.68	28.20		
186.65	13.72	187.17	14.47	187.69	29.34		
186.66	13.73	187.18	14.48	187.70	30.52		
186.67	13.75	187.19	14.50	187.71	31.74		
186.68	13.76	187.20	14.51	187.72	32.99		
186.69	13.78	187.21	14.52	187.73	34.27		
186.70	13.79	187.22	14.54	187.74	35.58		
186.71	13.81	187.23	14.55	187.75	36.93		
186.72	13.82	187.24	14.57	187.76	38.31		
186.73	13.83	187.25	14.58	187.77	39.72		
186.74	13.85	187.26	14.59	187.78	41.16		
186.75	13.86	187.27	14.61	187.79	42.63		

Stage-Area-Storage for Pond B-46A: Basin #46A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,720	0	180.52	6,198	3,099
180.01	5,729	57	180.53	6,207	3,161
180.02	5,738	115	180.54	6,216	3,223
180.03	5,748	172	180.55	6,225	3,285
180.04	5,757	230	180.56	6,235	3,347
180.05	5,766	287	180.57	6,244	3,410
180.06	5,775	345	180.58	6,253	3,472
180.07	5,784	403	180.59	6,262	3,535
180.08	5,794	461	180.60	6,271	3,597
180.09	5,803	519	180.61	6,281	3,660
180.10	5,812	577	180.62	6,290	3,723
180.11	5,821	635	180.63	6,299	3,786
180.12	5,830	693	180.64	6,308	3,849
180.13	5,839	751	180.65	6,317	3,912
180.14	5,849	810	180.66	6,327	3,975
180.15	5,858	868	180.67	6,336	4,039
180.16	5,867	927	180.68	6,345	4,102
180.17	5,876	986	180.69	6,354	4,166
180.18	5,885	1,044	180.70	6,363	4,229
180.19	5,895	1,103	180.71	6,372	4,293
180.20	5,904	1,162	180.72	6,382	4,357
180.21	5,913	1,221	180.73	6,391	4,420
180.22	5,922	1,281	180.74	6,400	4,484
180.23	5,931	1,340	180.75	6,409	4,548
180.24	5,941	1,399	180.76	6,418	4,613
180.25	5,950	1,459	180.77	6,428	4,677
180.26	5,959	1,518	180.78	6,437	4,741
180.27	5,968	1,578	180.79	6,446	4,806
180.28	5,977	1,638	180.80	6,455	4,870
180.29	5,987	1,697	180.81	6,464	4,935
180.30	5,996	1,757	180.82	6,474	4,999
180.31	6,005	1,817	180.83	6,483	5,064
180.32	6,014	1,877	180.84	6,492	5,129
180.33	6,023	1,938	180.85	6,501	5,194
180.34	6,032	1,998	180.86	6,510	5,259
180.35	6,042	2,058	180.87	6,520	5,324
180.36	6,051	2,119	180.88	6,529	5,389
180.37	6,060	2,179	180.89	6,538	5,455
180.38	6,069	2,240	180.90	6,547	5,520
180.39	6,078	2,301	180.91	6,556	5,586
180.40	6,088	2,362	180.92	6,565	5,651
180.41	6,097	2,422	180.93	6,575	5,717
180.42	6,106	2,483	180.94	6,584	5,783
180.43	6,115	2,545	180.95	6,593	5,849
180.44	6,124	2,606	180.96	6,602	5,915
180.45	6,134	2,667	180.97	6,611	5,981
180.46	6,143	2,728	180.98	6,621	6,047
180.47	6,152	2,790	180.99	6,630	6,113
180.48	6,161	2,851	181.00	6,639	6,180
180.49	6,170	2,913	181.01	6,653	6,246
180.50	6,180	2,975	181.02	6,666	6,313
180.51	6,189	3,037	181.03	6,680	6,379

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	6,693	6,446	181.56	7,400	10,110
181.05	6,707	6,513	181.57	7,414	10,184
181.06	6,721	6,580	181.58	7,427	10,259
181.07	6,734	6,648	181.59	7,441	10,333
181.08	6,748	6,715	181.60	7,454	10,408
181.09	6,761	6,783	181.61	7,468	10,482
181.10	6,775	6,850	181.62	7,482	10,557
181.11	6,788	6,918	181.63	7,495	10,632
181.12	6,802	6,986	181.64	7,509	10,707
181.13	6,816	7,054	181.65	7,522	10,782
181.14	6,829	7,122	181.66	7,536	10,857
181.15	6,843	7,191	181.67	7,550	10,933
181.16	6,856	7,259	181.68	7,563	11,008
181.17	6,870	7,328	181.69	7,577	11,084
181.18	6,884	7,397	181.70	7,590	11,160
181.19	6,897	7,465	181.71	7,604	11,236
181.20	6,911	7,534	181.72	7,617	11,312
181.21	6,924	7,604	181.73	7,631	11,388
181.22	6,938	7,673	181.74	7,645	11,464
181.23	6,952	7,742	181.75	7,658	11,541
181.24	6,965	7,812	181.76	7,672	11,618
181.25	6,979	7,882	181.77	7,685	11,694
181.26	6,992	7,952	181.78	7,699	11,771
181.27	7,006	8,022	181.79	7,713	11,848
181.28	7,020	8,092	181.80	7,726	11,926
181.29	7,033	8,162	181.81	7,740	12,003
181.30	7,047	8,232	181.82	7,753	12,080
181.31	7,060	8,303	181.83	7,767	12,158
181.32	7,074	8,374	181.84	7,781	12,236
181.33	7,087	8,444	181.85	7,794	12,314
181.34	7,101	8,515	181.86	7,808	12,392
181.35	7,115	8,586	181.87	7,821	12,470
181.36	7,128	8,658	181.88	7,835	12,548
181.37	7,142	8,729	181.89	7,849	12,626
181.38	7,155	8,800	181.90	7,862	12,705
181.39	7,169	8,872	181.91	7,876	12,784
181.40	7,183	8,944	181.92	7,889	12,863
181.41	7,196	9,016	181.93	7,903	12,941
181.42	7,210	9,088	181.94	7,916	13,021
181.43	7,223	9,160	181.95	7,930	13,100
181.44	7,237	9,232	181.96	7,944	13,179
181.45	7,251	9,305	181.97	7,957	13,259
181.46	7,264	9,377	181.98	7,971	13,338
181.47	7,278	9,450	181.99	7,984	13,418
181.48	7,291	9,523	182.00	7,998	13,498
181.49	7,305	9,596	182.01	8,012	13,578
181.50	7,319	9,669	182.02	8,026	13,658
181.51	7,332	9,742	182.03	8,040	13,739
181.52	7,346	9,816	182.04	8,055	13,819
181.53	7,359	9,889	182.05	8,069	13,900
181.54	7,373	9,963	182.06	8,083	13,980
181.55	7,386	10,036	182.07	8,097	14,061

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,111	14,142	182.60	8,847	18,551
182.09	8,125	14,224	182.61	8,861	18,640
182.10	8,139	14,305	182.62	8,875	18,729
182.11	8,154	14,386	182.63	8,889	18,818
182.12	8,168	14,468	182.64	8,904	18,907
182.13	8,182	14,550	182.65	8,918	18,996
182.14	8,196	14,632	182.66	8,932	19,085
182.15	8,210	14,714	182.67	8,946	19,174
182.16	8,224	14,796	182.68	8,960	19,264
182.17	8,239	14,878	182.69	8,974	19,353
182.18	8,253	14,961	182.70	8,988	19,443
182.19	8,267	15,043	182.71	9,003	19,533
182.20	8,281	15,126	182.72	9,017	19,623
182.21	8,295	15,209	182.73	9,031	19,714
182.22	8,309	15,292	182.74	9,045	19,804
182.23	8,323	15,375	182.75	9,059	19,894
182.24	8,338	15,458	182.76	9,073	19,985
182.25	8,352	15,542	182.77	9,088	20,076
182.26	8,366	15,625	182.78	9,102	20,167
182.27	8,380	15,709	182.79	9,116	20,258
182.28	8,394	15,793	182.80	9,130	20,349
182.29	8,408	15,877	182.81	9,144	20,441
182.30	8,423	15,961	182.82	9,158	20,532
182.31	8,437	16,045	182.83	9,172	20,624
182.32	8,451	16,130	182.84	9,187	20,716
182.33	8,465	16,214	182.85	9,201	20,807
182.34	8,479	16,299	182.86	9,215	20,900
182.35	8,493	16,384	182.87	9,229	20,992
182.36	8,507	16,469	182.88	9,243	21,084
182.37	8,522	16,554	182.89	9,257	21,177
182.38	8,536	16,639	182.90	9,272	21,269
182.39	8,550	16,725	182.91	9,286	21,362
182.40	8,564	16,810	182.92	9,300	21,455
182.41	8,578	16,896	182.93	9,314	21,548
182.42	8,592	16,982	182.94	9,328	21,641
182.43	8,606	17,068	182.95	9,342	21,735
182.44	8,621	17,154	182.96	9,356	21,828
182.45	8,635	17,240	182.97	9,371	21,922
182.46	8,649	17,327	182.98	9,385	22,016
182.47	8,663	17,413	182.99	9,399	22,109
182.48	8,677	17,500	183.00	9,413	22,204
182.49	8,691	17,587	183.01	9,444	22,298
182.50	8,706	17,674	183.02	9,475	22,392
182.51	8,720	17,761	183.03	9,506	22,487
182.52	8,734	17,848	183.04	9,537	22,583
182.53	8,748	17,936	183.05	9,568	22,678
182.54	8,762	18,023	183.06	9,599	22,774
182.55	8,776	18,111	183.07	9,630	22,870
182.56	8,790	18,199	183.08	9,661	22,966
182.57	8,805	18,287	183.09	9,692	23,063
182.58	8,819	18,375	183.10	9,723	23,160
182.59	8,833	18,463	183.11	9,754	23,258

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,785	23,355	183.64	11,398	28,863
183.13	9,816	23,453	183.65	11,429	28,977
183.14	9,847	23,552	183.66	11,460	29,092
183.15	9,878	23,650	183.67	11,491	29,206
183.16	9,909	23,749	183.68	11,522	29,322
183.17	9,940	23,849	183.69	11,553	29,437
183.18	9,971	23,948	183.70	11,584	29,553
183.19	10,002	24,048	183.71	11,615	29,669
183.20	10,033	24,148	183.72	11,646	29,785
183.21	10,064	24,249	183.73	11,677	29,902
183.22	10,095	24,349	183.74	11,708	30,018
183.23	10,126	24,451	183.75	11,740	30,136
183.24	10,157	24,552	183.76	11,771	30,253
183.25	10,189	24,654	183.77	11,802	30,371
183.26	10,220	24,756	183.78	11,833	30,489
183.27	10,251	24,858	183.79	11,864	30,608
183.28	10,282	24,961	183.80	11,895	30,727
183.29	10,313	25,064	183.81	11,926	30,846
183.30	10,344	25,167	183.82	11,957	30,965
183.31	10,375	25,271	183.83	11,988	31,085
183.32	10,406	25,374	183.84	12,019	31,205
183.33	10,437	25,479	183.85	12,050	31,325
183.34	10,468	25,583	183.86	12,081	31,446
183.35	10,499	25,688	183.87	12,112	31,567
183.36	10,530	25,793	183.88	12,143	31,688
183.37	10,561	25,899	183.89	12,174	31,810
183.38	10,592	26,004	183.90	12,205	31,932
183.39	10,623	26,110	183.91	12,236	32,054
183.40	10,654	26,217	183.92	12,267	32,176
183.41	10,685	26,324	183.93	12,298	32,299
183.42	10,716	26,431	183.94	12,329	32,422
183.43	10,747	26,538	183.95	12,360	32,546
183.44	10,778	26,645	183.96	12,391	32,669
183.45	10,809	26,753	183.97	12,422	32,793
183.46	10,840	26,862	183.98	12,453	32,918
183.47	10,871	26,970	183.99	12,484	33,043
183.48	10,902	27,079	184.00	12,515	33,168
183.49	10,933	27,188	184.01	12,531	33,293
183.50	10,964	27,298	184.02	12,547	33,418
183.51	10,995	27,408	184.03	12,563	33,544
183.52	11,026	27,518	184.04	12,580	33,669
183.53	11,057	27,628	184.05	12,596	33,795
183.54	11,088	27,739	184.06	12,612	33,921
183.55	11,119	27,850	184.07	12,628	34,048
183.56	11,150	27,961	184.08	12,644	34,174
183.57	11,181	28,073	184.09	12,660	34,300
183.58	11,212	28,185	184.10	12,676	34,427
183.59	11,243	28,297	184.11	12,692	34,554
183.60	11,274	28,410	184.12	12,709	34,681
183.61	11,305	28,523	184.13	12,725	34,808
183.62	11,336	28,636	184.14	12,741	34,935
183.63	11,367	28,749	184.15	12,757	35,063

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	12,773	35,191	184.68	13,612	42,051
184.17	12,789	35,318	184.69	13,628	42,187
184.18	12,805	35,446	184.70	13,644	42,323
184.19	12,821	35,574	184.71	13,660	42,460
184.20	12,838	35,703	184.72	13,676	42,596
184.21	12,854	35,831	184.73	13,692	42,733
184.22	12,870	35,960	184.74	13,709	42,870
184.23	12,886	36,089	184.75	13,725	43,007
184.24	12,902	36,218	184.76	13,741	43,145
184.25	12,918	36,347	184.77	13,757	43,282
184.26	12,934	36,476	184.78	13,773	43,420
184.27	12,951	36,605	184.79	13,789	43,558
184.28	12,967	36,735	184.80	13,805	43,696
184.29	12,983	36,865	184.81	13,822	43,834
184.30	12,999	36,995	184.82	13,838	43,972
184.31	13,015	37,125	184.83	13,854	44,111
184.32	13,031	37,255	184.84	13,870	44,249
184.33	13,047	37,385	184.85	13,886	44,388
184.34	13,063	37,516	184.86	13,902	44,527
184.35	13,080	37,647	184.87	13,918	44,666
184.36	13,096	37,777	184.88	13,934	44,805
184.37	13,112	37,908	184.89	13,951	44,945
184.38	13,128	38,040	184.90	13,967	45,084
184.39	13,144	38,171	184.91	13,983	45,224
184.40	13,160	38,303	184.92	13,999	45,364
184.41	13,176	38,434	184.93	14,015	45,504
184.42	13,192	38,566	184.94	14,031	45,644
184.43	13,209	38,698	184.95	14,047	45,785
184.44	13,225	38,830	184.96	14,063	45,925
184.45	13,241	38,963	184.97	14,080	46,066
184.46	13,257	39,095	184.98	14,096	46,207
184.47	13,273	39,228	184.99	14,112	46,348
184.48	13,289	39,361	185.00	14,128	46,489
184.49	13,305	39,493	185.01	14,145	46,630
184.50	13,322	39,627	185.02	14,161	46,772
184.51	13,338	39,760	185.03	14,178	46,914
184.52	13,354	39,893	185.04	14,195	47,055
184.53	13,370	40,027	185.05	14,212	47,197
184.54	13,386	40,161	185.06	14,228	47,340
184.55	13,402	40,295	185.07	14,245	47,482
184.56	13,418	40,429	185.08	14,262	47,625
184.57	13,434	40,563	185.09	14,278	47,767
184.58	13,451	40,698	185.10	14,295	47,910
184.59	13,467	40,832	185.11	14,312	48,053
184.60	13,483	40,967	185.12	14,328	48,196
184.61	13,499	41,102	185.13	14,345	48,340
184.62	13,515	41,237	185.14	14,362	48,483
184.63	13,531	41,372	185.15	14,379	48,627
184.64	13,547	41,507	185.16	14,395	48,771
184.65	13,563	41,643	185.17	14,412	48,915
184.66	13,580	41,779	185.18	14,429	49,059
184.67	13,596	41,915	185.19	14,445	49,203

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	14,462	49,348	185.72	15,330	57,094
185.21	14,479	49,493	185.73	15,347	57,247
185.22	14,495	49,638	185.74	15,364	57,401
185.23	14,512	49,783	185.75	15,381	57,555
185.24	14,529	49,928	185.76	15,397	57,709
185.25	14,546	50,073	185.77	15,414	57,863
185.26	14,562	50,219	185.78	15,431	58,017
185.27	14,579	50,364	185.79	15,447	58,171
185.28	14,596	50,510	185.80	15,464	58,326
185.29	14,612	50,656	185.81	15,481	58,481
185.30	14,629	50,803	185.82	15,497	58,635
185.31	14,646	50,949	185.83	15,514	58,790
185.32	14,662	51,095	185.84	15,531	58,946
185.33	14,679	51,242	185.85	15,547	59,101
185.34	14,696	51,389	185.86	15,564	59,257
185.35	14,712	51,536	185.87	15,581	59,412
185.36	14,729	51,683	185.88	15,598	59,568
185.37	14,746	51,831	185.89	15,614	59,724
185.38	14,763	51,978	185.90	15,631	59,881
185.39	14,779	52,126	185.91	15,648	60,037
185.40	14,796	52,274	185.92	15,664	60,194
185.41	14,813	52,422	185.93	15,681	60,350
185.42	14,829	52,570	185.94	15,698	60,507
185.43	14,846	52,718	185.95	15,714	60,664
185.44	14,863	52,867	185.96	15,731	60,821
185.45	14,879	53,016	185.97	15,748	60,979
185.46	14,896	53,165	185.98	15,765	61,136
185.47	14,913	53,314	185.99	15,781	61,294
185.48	14,930	53,463	186.00	15,798	61,452
185.49	14,946	53,612	186.01	15,815	61,610
185.50	14,963	53,762	186.02	15,833	61,768
185.51	14,980	53,911	186.03	15,850	61,927
185.52	14,996	54,061	186.04	15,867	62,085
185.53	15,013	54,211	186.05	15,884	62,244
185.54	15,030	54,362	186.06	15,902	62,403
185.55	15,047	54,512	186.07	15,919	62,562
185.56	15,063	54,663	186.08	15,936	62,721
185.57	15,080	54,813	186.09	15,953	62,881
185.58	15,097	54,964	186.10	15,971	63,040
185.59	15,113	55,115	186.11	15,988	63,200
185.60	15,130	55,266	186.12	16,005	63,360
185.61	15,147	55,418	186.13	16,022	63,520
185.62	15,163	55,569	186.14	16,040	63,681
185.63	15,180	55,721	186.15	16,057	63,841
185.64	15,197	55,873	186.16	16,074	64,002
185.65	15,214	56,025	186.17	16,091	64,163
185.66	15,230	56,177	186.18	16,109	64,324
185.67	15,247	56,330	186.19	16,126	64,485
185.68	15,264	56,482	186.20	16,143	64,646
185.69	15,280	56,635	186.21	16,160	64,808
185.70	15,297	56,788	186.22	16,178	64,969
185.71	15,314	56,941	186.23	16,195	65,131

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	16,212	65,293	186.76	17,110	73,957
186.25	16,230	65,455	186.77	17,127	74,128
186.26	16,247	65,618	186.78	17,144	74,299
186.27	16,264	65,780	186.79	17,162	74,471
186.28	16,281	65,943	186.80	17,179	74,643
186.29	16,299	66,106	186.81	17,196	74,815
186.30	16,316	66,269	186.82	17,213	74,987
186.31	16,333	66,432	186.83	17,231	75,159
186.32	16,350	66,596	186.84	17,248	75,331
186.33	16,368	66,759	186.85	17,265	75,504
186.34	16,385	66,923	186.86	17,282	75,677
186.35	16,402	67,087	186.87	17,300	75,849
186.36	16,419	67,251	186.88	17,317	76,023
186.37	16,437	67,415	186.89	17,334	76,196
186.38	16,454	67,580	186.90	17,351	76,369
186.39	16,471	67,744	186.91	17,369	76,543
186.40	16,488	67,909	186.92	17,386	76,717
186.41	16,506	68,074	186.93	17,403	76,891
186.42	16,523	68,239	186.94	17,420	77,065
186.43	16,540	68,405	186.95	17,438	77,239
186.44	16,557	68,570	186.96	17,455	77,413
186.45	16,575	68,736	186.97	17,472	77,588
186.46	16,592	68,902	186.98	17,489	77,763
186.47	16,609	69,068	186.99	17,507	77,938
186.48	16,626	69,234	187.00	17,524	78,113
186.49	16,644	69,400	187.01	17,542	78,288
186.50	16,661	69,567	187.02	17,560	78,464
186.51	16,678	69,733	187.03	17,578	78,640
186.52	16,696	69,900	187.04	17,595	78,815
186.53	16,713	70,067	187.05	17,613	78,991
186.54	16,730	70,235	187.06	17,631	79,168
186.55	16,747	70,402	187.07	17,649	79,344
186.56	16,765	70,570	187.08	17,667	79,521
186.57	16,782	70,737	187.09	17,685	79,697
186.58	16,799	70,905	187.10	17,703	79,874
186.59	16,816	71,073	187.11	17,720	80,051
186.60	16,834	71,241	187.12	17,738	80,229
186.61	16,851	71,410	187.13	17,756	80,406
186.62	16,868	71,578	187.14	17,774	80,584
186.63	16,885	71,747	187.15	17,792	80,762
186.64	16,903	71,916	187.16	17,810	80,940
186.65	16,920	72,085	187.17	17,828	81,118
186.66	16,937	72,255	187.18	17,845	81,296
186.67	16,954	72,424	187.19	17,863	81,475
186.68	16,972	72,594	187.20	17,881	81,654
186.69	16,989	72,763	187.21	17,899	81,832
186.70	17,006	72,933	187.22	17,917	82,012
186.71	17,023	73,104	187.23	17,935	82,191
186.72	17,041	73,274	187.24	17,953	82,370
186.73	17,058	73,444	187.25	17,971	82,550
186.74	17,075	73,615	187.26	17,988	82,730
186.75	17,093	73,786	187.27	18,006	82,910

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	18,024	83,090	187.80	18,953	92,704
187.29	18,042	83,270	187.81	18,971	92,893
187.30	18,060	83,451	187.82	18,989	93,083
187.31	18,078	83,631	187.83	19,006	93,273
187.32	18,096	83,812	187.84	19,024	93,463
187.33	18,113	83,993	187.85	19,042	93,654
187.34	18,131	84,174	187.86	19,060	93,844
187.35	18,149	84,356	187.87	19,078	94,035
187.36	18,167	84,537	187.88	19,096	94,226
187.37	18,185	84,719	187.89	19,114	94,417
187.38	18,203	84,901	187.90	19,131	94,608
187.39	18,221	85,083	187.91	19,149	94,799
187.40	18,238	85,265	187.92	19,167	94,991
187.41	18,256	85,448	187.93	19,185	95,183
187.42	18,274	85,631	187.94	19,203	95,375
187.43	18,292	85,813	187.95	19,221	95,567
187.44	18,310	85,996	187.96	19,239	95,759
187.45	18,328	86,180	187.97	19,256	95,952
187.46	18,346	86,363	187.98	19,274	96,144
187.47	18,363	86,547	187.99	19,292	96,337
187.48	18,381	86,730	188.00	19,310	96,530
187.49	18,399	86,914			
187.50	18,417	87,098			
187.51	18,435	87,283			
187.52	18,453	87,467			
187.53	18,471	87,652			
187.54	18,488	87,836			
187.55	18,506	88,021			
187.56	18,524	88,206			
187.57	18,542	88,392			
187.58	18,560	88,577			
187.59	18,578	88,763			
187.60	18,596	88,949			
187.61	18,613	89,135			
187.62	18,631	89,321			
187.63	18,649	89,508			
187.64	18,667	89,694			
187.65	18,685	89,881			
187.66	18,703	90,068			
187.67	18,721	90,255			
187.68	18,738	90,442			
187.69	18,756	90,630			
187.70	18,774	90,817			
187.71	18,792	91,005			
187.72	18,810	91,193			
187.73	18,828	91,381			
187.74	18,846	91,570			
187.75	18,864	91,758			
187.76	18,881	91,947			
187.77	18,899	92,136			
187.78	18,917	92,325			
187.79	18,935	92,514			

Summary for Pond B-46B: Basin #46B

Inflow Area = 2.931 ac, 39.13% Impervious, Inflow Depth > 2.59" for Current 10 yr event
 Inflow = 3.94 cfs @ 12.16 hrs, Volume= 0.634 af
 Outflow = 0.11 cfs @ 24.28 hrs, Volume= 0.166 af, Atten= 97%, Lag= 727.2 min
 Primary = 0.11 cfs @ 24.28 hrs, Volume= 0.166 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.11' @ 24.28 hrs Surf.Area= 9,641 sf Storage= 23,807 cf

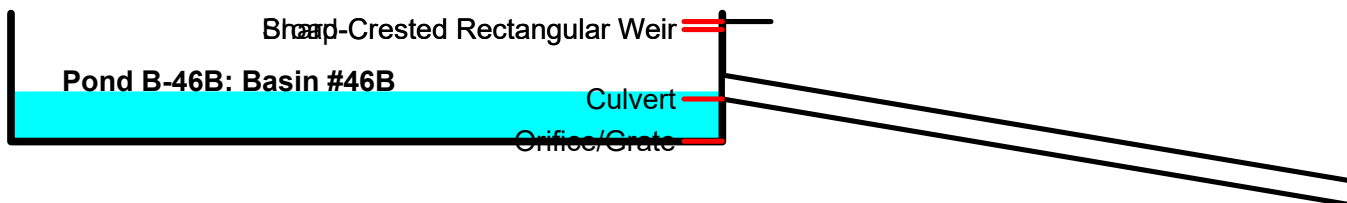
Plug-Flow detention time= 895.7 min calculated for 0.166 af (26% of inflow)
 Center-of-Mass det. time= 710.2 min (1,628.9 - 918.7)

Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	88,429 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,813	0	0
181.00	6,961	6,387	6,387
182.00	8,181	7,571	13,958
183.00	9,471	8,826	22,784
184.00	11,059	10,265	33,049
185.00	12,402	11,731	44,780
186.00	13,803	13,103	57,882
187.00	15,259	14,531	72,413
188.00	16,772	16,016	88,429

Device	Routing	Invert	Outlet Devices
#1	Primary	182.65'	18.0" Round Culvert L= 65.0' Ke= 0.500 Inlet / Outlet Invert= 182.65' / 176.00' S= 0.1023 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	180.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

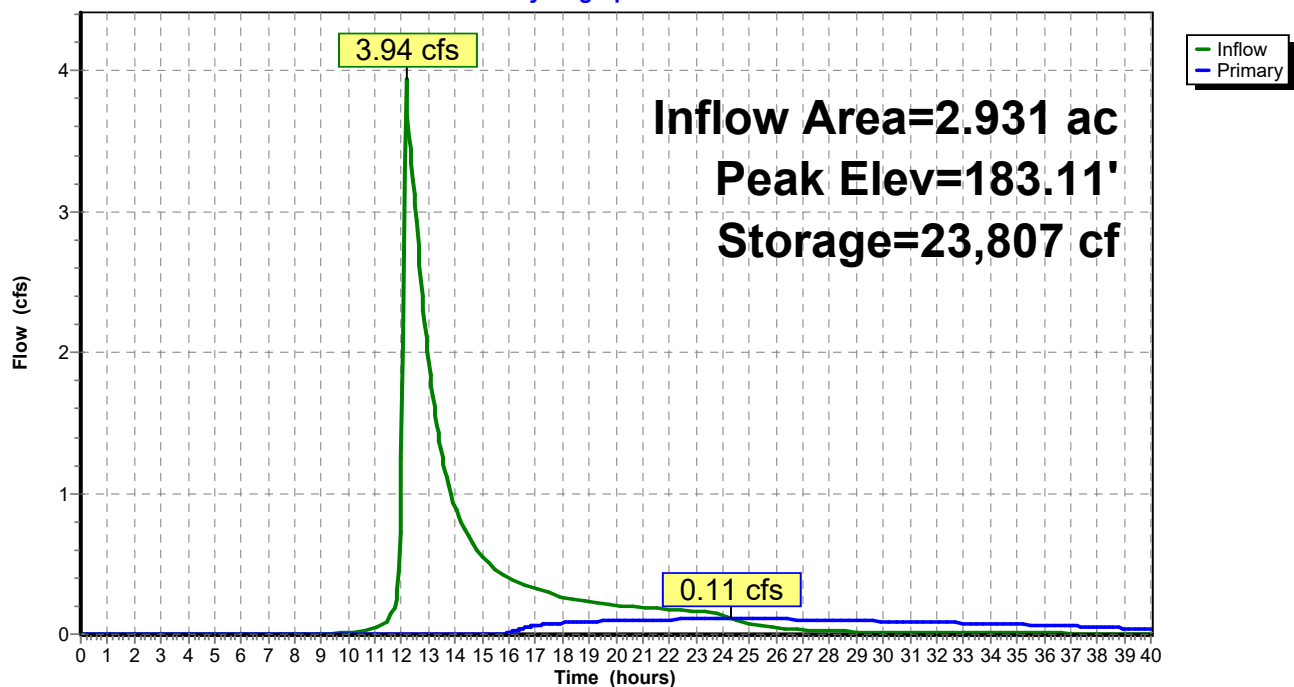
Primary OutFlow Max=0.11 cfs @ 24.28 hrs HW=183.11' (Free Discharge)

- 1=Culvert (Passes 0.11 cfs of 1.05 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.11 cfs @ 3.26 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-46B: Basin #46B

Hydrograph



Hydrograph for Pond B-46B: Basin #46B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	0	180.00	0.00
1.40	0.00	0	180.00	0.00
1.50	0.00	0	180.00	0.00
1.60	0.00	0	180.00	0.00
1.70	0.00	0	180.00	0.00
1.80	0.00	0	180.00	0.00
1.90	0.00	0	180.00	0.00
2.00	0.00	0	180.00	0.00
2.10	0.00	0	180.00	0.00
2.20	0.00	0	180.00	0.00
2.30	0.00	0	180.00	0.00
2.40	0.00	0	180.00	0.00
2.50	0.00	0	180.00	0.00
2.60	0.00	0	180.00	0.00
2.70	0.00	0	180.00	0.00
2.80	0.00	0	180.00	0.00
2.90	0.00	0	180.00	0.00
3.00	0.00	0	180.00	0.00
3.10	0.00	0	180.00	0.00
3.20	0.00	0	180.00	0.00
3.30	0.00	0	180.00	0.00
3.40	0.00	0	180.00	0.00
3.50	0.00	0	180.00	0.00
3.60	0.00	0	180.00	0.00
3.70	0.00	0	180.00	0.00
3.80	0.00	0	180.00	0.00
3.90	0.00	0	180.00	0.00
4.00	0.00	0	180.00	0.00
4.10	0.00	0	180.00	0.00
4.20	0.00	0	180.00	0.00
4.30	0.00	0	180.00	0.00
4.40	0.00	0	180.00	0.00
4.50	0.00	0	180.00	0.00
4.60	0.00	0	180.00	0.00
4.70	0.00	0	180.00	0.00
4.80	0.00	0	180.00	0.00
4.90	0.00	0	180.00	0.00
5.00	0.00	0	180.00	0.00
5.10	0.00	0	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	180.00	0.00
5.30	0.00	0	180.00	0.00
5.40	0.00	0	180.00	0.00
5.50	0.00	0	180.00	0.00
5.60	0.00	0	180.00	0.00
5.70	0.00	0	180.00	0.00
5.80	0.00	0	180.00	0.00
5.90	0.00	0	180.00	0.00
6.00	0.00	0	180.00	0.00
6.10	0.00	0	180.00	0.00
6.20	0.00	0	180.00	0.00
6.30	0.00	0	180.00	0.00
6.40	0.00	0	180.00	0.00
6.50	0.00	0	180.00	0.00
6.60	0.00	0	180.00	0.00
6.70	0.00	0	180.00	0.00
6.80	0.00	0	180.00	0.00
6.90	0.00	0	180.00	0.00
7.00	0.00	0	180.00	0.00
7.10	0.00	0	180.00	0.00
7.20	0.00	0	180.00	0.00
7.30	0.00	0	180.00	0.00
7.40	0.00	0	180.00	0.00
7.50	0.00	0	180.00	0.00
7.60	0.00	0	180.00	0.00
7.70	0.00	0	180.00	0.00
7.80	0.00	0	180.00	0.00
7.90	0.00	0	180.00	0.00
8.00	0.00	0	180.00	0.00
8.10	0.00	0	180.00	0.00
8.20	0.00	0	180.00	0.00
8.30	0.00	0	180.00	0.00
8.40	0.00	0	180.00	0.00
8.50	0.00	0	180.00	0.00
8.60	0.00	0	180.00	0.00
8.70	0.00	0	180.00	0.00
8.80	0.00	0	180.00	0.00
8.90	0.00	0	180.00	0.00
9.00	0.00	0	180.00	0.00
9.10	0.00	1	180.00	0.00
9.20	0.00	1	180.00	0.00
9.30	0.00	2	180.00	0.00
9.40	0.00	4	180.00	0.00
9.50	0.00	5	180.00	0.00
9.60	0.01	7	180.00	0.00
9.70	0.01	9	180.00	0.00
9.80	0.01	12	180.00	0.00
9.90	0.01	15	180.00	0.00
10.00	0.01	18	180.00	0.00
10.10	0.01	22	180.00	0.00
10.20	0.01	27	180.00	0.00
10.30	0.02	32	180.01	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.02	38	180.01	0.00
10.50	0.02	44	180.01	0.00
10.60	0.02	51	180.01	0.00
10.70	0.03	60	180.01	0.00
10.80	0.03	70	180.01	0.00
10.90	0.04	82	180.01	0.00
11.00	0.04	95	180.02	0.00
11.10	0.05	111	180.02	0.00
11.20	0.06	130	180.02	0.00
11.30	0.07	153	180.03	0.00
11.40	0.08	180	180.03	0.00
11.50	0.09	212	180.04	0.00
11.60	0.14	253	180.04	0.00
11.70	0.18	312	180.05	0.00
11.80	0.25	388	180.07	0.00
11.90	0.45	508	180.09	0.00
12.00	1.26	792	180.13	0.00
12.10	3.30	1,574	180.26	0.00
12.20	3.69	2,909	180.48	0.00
12.30	3.44	4,188	180.68	0.00
12.40	3.22	5,389	180.85	0.00
12.50	3.05	6,516	181.02	0.00
12.60	2.76	7,566	181.17	0.00
12.70	2.51	8,513	181.30	0.00
12.80	2.30	9,377	181.41	0.00
12.90	2.10	10,168	181.52	0.00
13.00	1.93	10,894	181.61	0.00
13.10	1.76	11,557	181.70	0.00
13.20	1.61	12,164	181.78	0.00
13.30	1.48	12,721	181.85	0.00
13.40	1.37	13,235	181.91	0.00
13.50	1.26	13,708	181.97	0.00
13.60	1.16	14,144	182.02	0.00
13.70	1.08	14,547	182.07	0.00
13.80	1.01	14,923	182.12	0.00
13.90	0.95	15,275	182.16	0.00
14.00	0.89	15,605	182.20	0.00
14.10	0.84	15,917	182.24	0.00
14.20	0.80	16,213	182.27	0.00
14.30	0.76	16,494	182.30	0.00
14.40	0.72	16,762	182.33	0.00
14.50	0.69	17,016	182.36	0.00
14.60	0.66	17,259	182.39	0.00
14.70	0.63	17,490	182.42	0.00
14.80	0.60	17,712	182.44	0.00
14.90	0.58	17,925	182.47	0.00
15.00	0.55	18,128	182.49	0.00
15.10	0.53	18,323	182.51	0.00
15.20	0.51	18,510	182.53	0.00
15.30	0.49	18,690	182.55	0.00
15.40	0.47	18,863	182.57	0.00
15.50	0.46	19,031	182.59	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.44	19,193	182.61	0.00
15.70	0.43	19,350	182.63	0.00
15.80	0.42	19,503	182.64	0.00
15.90	0.41	19,650	182.66	0.00
16.00	0.40	19,793	182.68	0.01
16.10	0.39	19,930	182.69	0.02
16.20	0.38	20,062	182.71	0.02
16.30	0.37	20,189	182.72	0.03
16.40	0.37	20,311	182.73	0.03
16.50	0.36	20,428	182.75	0.04
16.60	0.35	20,541	182.76	0.04
16.70	0.34	20,648	182.77	0.05
16.80	0.34	20,752	182.78	0.06
16.90	0.33	20,851	182.79	0.06
17.00	0.32	20,946	182.80	0.06
17.10	0.32	21,038	182.81	0.07
17.20	0.31	21,126	182.82	0.07
17.30	0.30	21,212	182.83	0.07
17.40	0.30	21,295	182.84	0.07
17.50	0.29	21,375	182.85	0.07
17.60	0.29	21,453	182.86	0.07
17.70	0.28	21,528	182.87	0.08
17.80	0.27	21,600	182.87	0.08
17.90	0.27	21,670	182.88	0.08
18.00	0.26	21,737	182.89	0.08
18.10	0.26	21,802	182.90	0.08
18.20	0.25	21,864	182.90	0.08
18.30	0.25	21,925	182.91	0.08
18.40	0.24	21,983	182.91	0.08
18.50	0.24	22,040	182.92	0.09
18.60	0.24	22,095	182.93	0.09
18.70	0.23	22,149	182.93	0.09
18.80	0.23	22,201	182.94	0.09
18.90	0.23	22,253	182.94	0.09
19.00	0.23	22,303	182.95	0.09
19.10	0.22	22,352	182.95	0.09
19.20	0.22	22,400	182.96	0.09
19.30	0.22	22,447	182.96	0.09
19.40	0.22	22,492	182.97	0.09
19.50	0.22	22,537	182.97	0.09
19.60	0.21	22,581	182.98	0.09
19.70	0.21	22,624	182.98	0.09
19.80	0.21	22,666	182.99	0.10
19.90	0.21	22,707	182.99	0.10
20.00	0.21	22,747	183.00	0.10
20.10	0.21	22,787	183.00	0.10
20.20	0.20	22,825	183.00	0.10
20.30	0.20	22,863	183.01	0.10
20.40	0.20	22,900	183.01	0.10
20.50	0.20	22,936	183.02	0.10
20.60	0.20	22,971	183.02	0.10
20.70	0.20	23,006	183.02	0.10

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.19	23,040	183.03	0.10
20.90	0.19	23,073	183.03	0.10
21.00	0.19	23,106	183.03	0.10
21.10	0.19	23,137	183.04	0.10
21.20	0.19	23,169	183.04	0.10
21.30	0.19	23,199	183.04	0.10
21.40	0.19	23,229	183.05	0.10
21.50	0.18	23,258	183.05	0.10
21.60	0.18	23,286	183.05	0.10
21.70	0.18	23,314	183.06	0.10
21.80	0.18	23,341	183.06	0.10
21.90	0.18	23,368	183.06	0.11
22.00	0.18	23,394	183.06	0.11
22.10	0.18	23,419	183.07	0.11
22.20	0.17	23,443	183.07	0.11
22.30	0.17	23,468	183.07	0.11
22.40	0.17	23,491	183.07	0.11
22.50	0.17	23,514	183.08	0.11
22.60	0.17	23,536	183.08	0.11
22.70	0.17	23,558	183.08	0.11
22.80	0.17	23,579	183.08	0.11
22.90	0.16	23,599	183.09	0.11
23.00	0.16	23,619	183.09	0.11
23.10	0.16	23,639	183.09	0.11
23.20	0.16	23,658	183.09	0.11
23.30	0.16	23,676	183.09	0.11
23.40	0.16	23,694	183.10	0.11
23.50	0.16	23,711	183.10	0.11
23.60	0.16	23,727	183.10	0.11
23.70	0.15	23,743	183.10	0.11
23.80	0.15	23,759	183.10	0.11
23.90	0.15	23,774	183.10	0.11
24.00	0.15	23,789	183.11	0.11
24.10	0.13	23,802	183.11	0.11
24.20	0.12	23,807	183.11	0.11
24.30	0.11	23,808	183.11	0.11
24.40	0.10	23,806	183.11	0.11
24.50	0.09	23,801	183.11	0.11
24.60	0.09	23,794	183.11	0.11
24.70	0.09	23,786	183.10	0.11
24.80	0.08	23,776	183.10	0.11
24.90	0.08	23,766	183.10	0.11
25.00	0.08	23,753	183.10	0.11
25.10	0.07	23,740	183.10	0.11
25.20	0.07	23,726	183.10	0.11
25.30	0.07	23,711	183.10	0.11
25.40	0.06	23,694	183.10	0.11
25.50	0.06	23,677	183.09	0.11
25.60	0.06	23,659	183.09	0.11
25.70	0.05	23,640	183.09	0.11
25.80	0.05	23,620	183.09	0.11
25.90	0.05	23,600	183.09	0.11

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.05	23,579	183.08	0.11
26.10	0.05	23,557	183.08	0.11
26.20	0.04	23,534	183.08	0.11
26.30	0.04	23,511	183.08	0.11
26.40	0.04	23,488	183.07	0.11
26.50	0.04	23,463	183.07	0.11
26.60	0.04	23,439	183.07	0.11
26.70	0.04	23,414	183.07	0.11
26.80	0.03	23,388	183.06	0.11
26.90	0.03	23,362	183.06	0.11
27.00	0.03	23,335	183.06	0.10
27.10	0.03	23,309	183.06	0.10
27.20	0.03	23,281	183.05	0.10
27.30	0.03	23,254	183.05	0.10
27.40	0.03	23,226	183.05	0.10
27.50	0.02	23,198	183.04	0.10
27.60	0.02	23,170	183.04	0.10
27.70	0.02	23,141	183.04	0.10
27.80	0.02	23,113	183.03	0.10
27.90	0.02	23,084	183.03	0.10
28.00	0.02	23,055	183.03	0.10
28.10	0.02	23,026	183.03	0.10
28.20	0.02	22,998	183.02	0.10
28.30	0.02	22,969	183.02	0.10
28.40	0.02	22,940	183.02	0.10
28.50	0.02	22,912	183.01	0.10
28.60	0.02	22,883	183.01	0.10
28.70	0.02	22,855	183.01	0.10
28.80	0.02	22,827	183.00	0.10
28.90	0.02	22,798	183.00	0.10
29.00	0.02	22,770	183.00	0.10
29.10	0.02	22,742	183.00	0.10
29.20	0.02	22,714	182.99	0.10
29.30	0.02	22,686	182.99	0.10
29.40	0.02	22,658	182.99	0.10
29.50	0.02	22,630	182.98	0.09
29.60	0.02	22,602	182.98	0.09
29.70	0.02	22,574	182.98	0.09
29.80	0.02	22,546	182.97	0.09
29.90	0.02	22,518	182.97	0.09
30.00	0.02	22,491	182.97	0.09
30.10	0.02	22,463	182.97	0.09
30.20	0.02	22,436	182.96	0.09
30.30	0.02	22,408	182.96	0.09
30.40	0.02	22,381	182.96	0.09
30.50	0.01	22,354	182.95	0.09
30.60	0.01	22,327	182.95	0.09
30.70	0.01	22,300	182.95	0.09
30.80	0.01	22,273	182.95	0.09
30.90	0.01	22,246	182.94	0.09
31.00	0.01	22,219	182.94	0.09
31.10	0.01	22,192	182.94	0.09

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.01	22,166	182.93	0.09
31.30	0.01	22,139	182.93	0.09
31.40	0.01	22,113	182.93	0.09
31.50	0.01	22,086	182.93	0.09
31.60	0.01	22,060	182.92	0.09
31.70	0.01	22,034	182.92	0.09
31.80	0.01	22,008	182.92	0.08
31.90	0.01	21,982	182.91	0.08
32.00	0.01	21,956	182.91	0.08
32.10	0.01	21,930	182.91	0.08
32.20	0.01	21,905	182.91	0.08
32.30	0.01	21,879	182.90	0.08
32.40	0.01	21,854	182.90	0.08
32.50	0.01	21,828	182.90	0.08
32.60	0.01	21,803	182.90	0.08
32.70	0.01	21,778	182.89	0.08
32.80	0.01	21,753	182.89	0.08
32.90	0.01	21,728	182.89	0.08
33.00	0.01	21,703	182.88	0.08
33.10	0.01	21,678	182.88	0.08
33.20	0.01	21,654	182.88	0.08
33.30	0.01	21,629	182.88	0.08
33.40	0.01	21,605	182.87	0.08
33.50	0.01	21,580	182.87	0.08
33.60	0.01	21,556	182.87	0.08
33.70	0.01	21,532	182.87	0.08
33.80	0.01	21,508	182.86	0.08
33.90	0.01	21,485	182.86	0.08
34.00	0.01	21,461	182.86	0.07
34.10	0.01	21,437	182.86	0.07
34.20	0.01	21,414	182.85	0.07
34.30	0.01	21,391	182.85	0.07
34.40	0.01	21,368	182.85	0.07
34.50	0.01	21,345	182.85	0.07
34.60	0.01	21,322	182.84	0.07
34.70	0.01	21,299	182.84	0.07
34.80	0.01	21,276	182.84	0.07
34.90	0.01	21,254	182.84	0.07
35.00	0.01	21,231	182.83	0.07
35.10	0.01	21,209	182.83	0.07
35.20	0.01	21,187	182.83	0.07
35.30	0.01	21,165	182.83	0.07
35.40	0.01	21,143	182.82	0.07
35.50	0.01	21,121	182.82	0.07
35.60	0.01	21,100	182.82	0.07
35.70	0.01	21,078	182.82	0.07
35.80	0.01	21,057	182.82	0.07
35.90	0.01	21,035	182.81	0.07
36.00	0.01	21,014	182.81	0.07
36.10	0.01	20,993	182.81	0.07
36.20	0.01	20,972	182.81	0.06
36.30	0.01	20,951	182.80	0.06

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	20,931	182.80	0.06
36.50	0.01	20,910	182.80	0.06
36.60	0.01	20,890	182.80	0.06
36.70	0.01	20,870	182.80	0.06
36.80	0.01	20,850	182.79	0.06
36.90	0.01	20,831	182.79	0.06
37.00	0.01	20,812	182.79	0.06
37.10	0.01	20,793	182.79	0.06
37.20	0.01	20,775	182.78	0.06
37.30	0.01	20,757	182.78	0.06
37.40	0.01	20,739	182.78	0.05
37.50	0.01	20,722	182.78	0.05
37.60	0.01	20,704	182.78	0.05
37.70	0.01	20,687	182.78	0.05
37.80	0.01	20,671	182.77	0.05
37.90	0.01	20,654	182.77	0.05
38.00	0.01	20,638	182.77	0.05
38.10	0.01	20,622	182.77	0.05
38.20	0.01	20,607	182.77	0.05
38.30	0.01	20,592	182.76	0.05
38.40	0.00	20,576	182.76	0.05
38.50	0.00	20,562	182.76	0.05
38.60	0.00	20,547	182.76	0.05
38.70	0.00	20,533	182.76	0.04
38.80	0.00	20,518	182.76	0.04
38.90	0.00	20,505	182.76	0.04
39.00	0.00	20,491	182.75	0.04
39.10	0.00	20,477	182.75	0.04
39.20	0.00	20,464	182.75	0.04
39.30	0.00	20,451	182.75	0.04
39.40	0.00	20,438	182.75	0.04
39.50	0.00	20,426	182.75	0.04
39.60	0.00	20,413	182.75	0.04
39.70	0.00	20,401	182.74	0.04
39.80	0.00	20,389	182.74	0.04
39.90	0.00	20,377	182.74	0.04
40.00	0.00	20,366	182.74	0.04

Stage-Discharge for Pond B-46B: Basin #46B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.00
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.00
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.00
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.00
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.00
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.00
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.00
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.00
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.00
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.00
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.00
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.00
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.00
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.00
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.00
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.00
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.00
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.00
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.00
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.00
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.00
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.00
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.00
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.00
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.00
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.00
180.26	0.00	180.78	0.00	181.30	0.00	181.82	0.00
180.27	0.00	180.79	0.00	181.31	0.00	181.83	0.00
180.28	0.00	180.80	0.00	181.32	0.00	181.84	0.00
180.29	0.00	180.81	0.00	181.33	0.00	181.85	0.00
180.30	0.00	180.82	0.00	181.34	0.00	181.86	0.00
180.31	0.00	180.83	0.00	181.35	0.00	181.87	0.00
180.32	0.00	180.84	0.00	181.36	0.00	181.88	0.00
180.33	0.00	180.85	0.00	181.37	0.00	181.89	0.00
180.34	0.00	180.86	0.00	181.38	0.00	181.90	0.00
180.35	0.00	180.87	0.00	181.39	0.00	181.91	0.00
180.36	0.00	180.88	0.00	181.40	0.00	181.92	0.00
180.37	0.00	180.89	0.00	181.41	0.00	181.93	0.00
180.38	0.00	180.90	0.00	181.42	0.00	181.94	0.00
180.39	0.00	180.91	0.00	181.43	0.00	181.95	0.00
180.40	0.00	180.92	0.00	181.44	0.00	181.96	0.00
180.41	0.00	180.93	0.00	181.45	0.00	181.97	0.00
180.42	0.00	180.94	0.00	181.46	0.00	181.98	0.00
180.43	0.00	180.95	0.00	181.47	0.00	181.99	0.00
180.44	0.00	180.96	0.00	181.48	0.00	182.00	0.00
180.45	0.00	180.97	0.00	181.49	0.00	182.01	0.00
180.46	0.00	180.98	0.00	181.50	0.00	182.02	0.00
180.47	0.00	180.99	0.00	181.51	0.00	182.03	0.00
180.48	0.00	181.00	0.00	181.52	0.00	182.04	0.00
180.49	0.00	181.01	0.00	181.53	0.00	182.05	0.00
180.50	0.00	181.02	0.00	181.54	0.00	182.06	0.00
180.51	0.00	181.03	0.00	181.55	0.00	182.07	0.00

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.00	182.60	0.00	183.12	0.11	183.64	0.16
182.09	0.00	182.61	0.00	183.13	0.11	183.65	0.16
182.10	0.00	182.62	0.00	183.14	0.11	183.66	0.16
182.11	0.00	182.63	0.00	183.15	0.12	183.67	0.17
182.12	0.00	182.64	0.00	183.16	0.12	183.68	0.17
182.13	0.00	182.65	0.00	183.17	0.12	183.69	0.17
182.14	0.00	182.66	0.00	183.18	0.12	183.70	0.17
182.15	0.00	182.67	0.00	183.19	0.12	183.71	0.17
182.16	0.00	182.68	0.00	183.20	0.12	183.72	0.17
182.17	0.00	182.69	0.01	183.21	0.12	183.73	0.17
182.18	0.00	182.70	0.01	183.22	0.12	183.74	0.17
182.19	0.00	182.71	0.02	183.23	0.13	183.75	0.17
182.20	0.00	182.72	0.03	183.24	0.13	183.76	0.17
182.21	0.00	182.73	0.04	183.25	0.13	183.77	0.17
182.22	0.00	182.74	0.04	183.26	0.13	183.78	0.17
182.23	0.00	182.75	0.05	183.27	0.13	183.79	0.18
182.24	0.00	182.76	0.05	183.28	0.13	183.80	0.18
182.25	0.00	182.77	0.06	183.29	0.13	183.81	0.18
182.26	0.00	182.78	0.06	183.30	0.13	183.82	0.18
182.27	0.00	182.79	0.06	183.31	0.13	183.83	0.18
182.28	0.00	182.80	0.06	183.32	0.13	183.84	0.18
182.29	0.00	182.81	0.07	183.33	0.14	183.85	0.18
182.30	0.00	182.82	0.07	183.34	0.14	183.86	0.18
182.31	0.00	182.83	0.07	183.35	0.14	183.87	0.18
182.32	0.00	182.84	0.07	183.36	0.14	183.88	0.18
182.33	0.00	182.85	0.07	183.37	0.14	183.89	0.18
182.34	0.00	182.86	0.08	183.38	0.14	183.90	0.18
182.35	0.00	182.87	0.08	183.39	0.14	183.91	0.18
182.36	0.00	182.88	0.08	183.40	0.14	183.92	0.18
182.37	0.00	182.89	0.08	183.41	0.14	183.93	0.19
182.38	0.00	182.90	0.08	183.42	0.14	183.94	0.19
182.39	0.00	182.91	0.08	183.43	0.14	183.95	0.19
182.40	0.00	182.92	0.09	183.44	0.15	183.96	0.19
182.41	0.00	182.93	0.09	183.45	0.15	183.97	0.19
182.42	0.00	182.94	0.09	183.46	0.15	183.98	0.19
182.43	0.00	182.95	0.09	183.47	0.15	183.99	0.19
182.44	0.00	182.96	0.09	183.48	0.15	184.00	0.19
182.45	0.00	182.97	0.09	183.49	0.15	184.01	0.19
182.46	0.00	182.98	0.09	183.50	0.15	184.02	0.19
182.47	0.00	182.99	0.10	183.51	0.15	184.03	0.19
182.48	0.00	183.00	0.10	183.52	0.15	184.04	0.19
182.49	0.00	183.01	0.10	183.53	0.15	184.05	0.19
182.50	0.00	183.02	0.10	183.54	0.15	184.06	0.19
182.51	0.00	183.03	0.10	183.55	0.16	184.07	0.20
182.52	0.00	183.04	0.10	183.56	0.16	184.08	0.20
182.53	0.00	183.05	0.10	183.57	0.16	184.09	0.20
182.54	0.00	183.06	0.11	183.58	0.16	184.10	0.20
182.55	0.00	183.07	0.11	183.59	0.16	184.11	0.20
182.56	0.00	183.08	0.11	183.60	0.16	184.12	0.20
182.57	0.00	183.09	0.11	183.61	0.16	184.13	0.20
182.58	0.00	183.10	0.11	183.62	0.16	184.14	0.20
182.59	0.00	183.11	0.11	183.63	0.16	184.15	0.20

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	0.20	184.68	0.23	185.20	0.26	185.72	0.29
184.17	0.20	184.69	0.23	185.21	0.26	185.73	0.29
184.18	0.20	184.70	0.24	185.22	0.26	185.74	0.29
184.19	0.20	184.71	0.24	185.23	0.26	185.75	0.29
184.20	0.20	184.72	0.24	185.24	0.26	185.76	0.29
184.21	0.21	184.73	0.24	185.25	0.26	185.77	0.29
184.22	0.21	184.74	0.24	185.26	0.27	185.78	0.29
184.23	0.21	184.75	0.24	185.27	0.27	185.79	0.29
184.24	0.21	184.76	0.24	185.28	0.27	185.80	0.29
184.25	0.21	184.77	0.24	185.29	0.27	185.81	0.29
184.26	0.21	184.78	0.24	185.30	0.27	185.82	0.29
184.27	0.21	184.79	0.24	185.31	0.27	185.83	0.29
184.28	0.21	184.80	0.24	185.32	0.27	185.84	0.29
184.29	0.21	184.81	0.24	185.33	0.27	185.85	0.29
184.30	0.21	184.82	0.24	185.34	0.27	185.86	0.29
184.31	0.21	184.83	0.24	185.35	0.27	185.87	0.29
184.32	0.21	184.84	0.24	185.36	0.27	185.88	0.29
184.33	0.21	184.85	0.24	185.37	0.27	185.89	0.30
184.34	0.21	184.86	0.24	185.38	0.27	185.90	0.30
184.35	0.21	184.87	0.24	185.39	0.27	185.91	0.30
184.36	0.21	184.88	0.25	185.40	0.27	185.92	0.30
184.37	0.22	184.89	0.25	185.41	0.27	185.93	0.30
184.38	0.22	184.90	0.25	185.42	0.27	185.94	0.30
184.39	0.22	184.91	0.25	185.43	0.27	185.95	0.30
184.40	0.22	184.92	0.25	185.44	0.27	185.96	0.30
184.41	0.22	184.93	0.25	185.45	0.27	185.97	0.30
184.42	0.22	184.94	0.25	185.46	0.28	185.98	0.30
184.43	0.22	184.95	0.25	185.47	0.28	185.99	0.30
184.44	0.22	184.96	0.25	185.48	0.28	186.00	0.30
184.45	0.22	184.97	0.25	185.49	0.28	186.01	0.30
184.46	0.22	184.98	0.25	185.50	0.28	186.02	0.30
184.47	0.22	184.99	0.25	185.51	0.28	186.03	0.30
184.48	0.22	185.00	0.25	185.52	0.28	186.04	0.30
184.49	0.22	185.01	0.25	185.53	0.28	186.05	0.30
184.50	0.22	185.02	0.25	185.54	0.28	186.06	0.30
184.51	0.22	185.03	0.25	185.55	0.28	186.07	0.30
184.52	0.22	185.04	0.25	185.56	0.28	186.08	0.30
184.53	0.23	185.05	0.25	185.57	0.28	186.09	0.30
184.54	0.23	185.06	0.25	185.58	0.28	186.10	0.30
184.55	0.23	185.07	0.26	185.59	0.28	186.11	0.31
184.56	0.23	185.08	0.26	185.60	0.28	186.12	0.31
184.57	0.23	185.09	0.26	185.61	0.28	186.13	0.31
184.58	0.23	185.10	0.26	185.62	0.28	186.14	0.31
184.59	0.23	185.11	0.26	185.63	0.28	186.15	0.31
184.60	0.23	185.12	0.26	185.64	0.28	186.16	0.31
184.61	0.23	185.13	0.26	185.65	0.28	186.17	0.31
184.62	0.23	185.14	0.26	185.66	0.28	186.18	0.31
184.63	0.23	185.15	0.26	185.67	0.29	186.19	0.31
184.64	0.23	185.16	0.26	185.68	0.29	186.20	0.31
184.65	0.23	185.17	0.26	185.69	0.29	186.21	0.31
184.66	0.23	185.18	0.26	185.70	0.29	186.22	0.31
184.67	0.23	185.19	0.26	185.71	0.29	186.23	0.31

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	0.31	186.76	0.33	187.28	2.26	187.80	29.53
186.25	0.31	186.77	0.33	187.29	2.37	187.81	30.79
186.26	0.31	186.78	0.33	187.30	2.47	187.82	32.07
186.27	0.31	186.79	0.33	187.31	2.58	187.83	33.39
186.28	0.31	186.80	0.33	187.32	2.68	187.84	34.72
186.29	0.31	186.81	0.33	187.33	2.79	187.85	36.09
186.30	0.31	186.82	0.34	187.34	2.90	187.86	37.47
186.31	0.31	186.83	0.34	187.35	3.02	187.87	38.89
186.32	0.31	186.84	0.34	187.36	3.13	187.88	40.32
186.33	0.31	186.85	0.34	187.37	3.25	187.89	41.78
186.34	0.32	186.86	0.34	187.38	3.36	187.90	43.27
186.35	0.32	186.87	0.34	187.39	3.48	187.91	44.81
186.36	0.32	186.88	0.34	187.40	3.60	187.92	46.38
186.37	0.32	186.89	0.34	187.41	3.72	187.93	47.97
186.38	0.32	186.90	0.34	187.42	3.84	187.94	49.59
186.39	0.32	186.91	0.34	187.43	3.97	187.95	51.23
186.40	0.32	186.92	0.34	187.44	4.09	187.96	52.91
186.41	0.32	186.93	0.34	187.45	4.22	187.97	54.61
186.42	0.32	186.94	0.34	187.46	4.35	187.98	56.33
186.43	0.32	186.95	0.34	187.47	4.48	187.99	58.09
186.44	0.32	186.96	0.34	187.48	4.61	188.00	59.87
186.45	0.32	186.97	0.34	187.49	4.74		
186.46	0.32	186.98	0.34	187.50	4.87		
186.47	0.32	186.99	0.34	187.51	5.12		
186.48	0.32	187.00	0.34	187.52	5.47		
186.49	0.32	187.01	0.36	187.53	5.88		
186.50	0.32	187.02	0.38	187.54	6.35		
186.51	0.32	187.03	0.41	187.55	6.86		
186.52	0.32	187.04	0.45	187.56	7.42		
186.53	0.32	187.05	0.49	187.57	8.01		
186.54	0.32	187.06	0.54	187.58	8.63		
186.55	0.32	187.07	0.59	187.59	9.29		
186.56	0.32	187.08	0.64	187.60	9.98		
186.57	0.32	187.09	0.70	187.61	10.70		
186.58	0.33	187.10	0.76	187.62	11.45		
186.59	0.33	187.11	0.82	187.63	12.22		
186.60	0.33	187.12	0.89	187.64	13.02		
186.61	0.33	187.13	0.96	187.65	13.84		
186.62	0.33	187.14	1.03	187.66	14.69		
186.63	0.33	187.15	1.10	187.67	15.57		
186.64	0.33	187.16	1.18	187.68	16.47		
186.65	0.33	187.17	1.26	187.69	17.38		
186.66	0.33	187.18	1.34	187.70	18.33		
186.67	0.33	187.19	1.42	187.71	19.33		
186.68	0.33	187.20	1.51	187.72	20.36		
186.69	0.33	187.21	1.60	187.73	21.41		
186.70	0.33	187.22	1.69	187.74	22.49		
186.71	0.33	187.23	1.78	187.75	23.60		
186.72	0.33	187.24	1.87	187.76	24.73		
186.73	0.33	187.25	1.97	187.77	25.89		
186.74	0.33	187.26	2.06	187.78	27.08		
186.75	0.33	187.27	2.16	187.79	28.29		

Stage-Area-Storage for Pond B-46B: Basin #46B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,813	0	180.52	6,410	3,178
180.01	5,824	58	180.53	6,421	3,242
180.02	5,836	116	180.54	6,433	3,306
180.03	5,847	175	180.55	6,444	3,371
180.04	5,859	233	180.56	6,456	3,435
180.05	5,870	292	180.57	6,467	3,500
180.06	5,882	351	180.58	6,479	3,565
180.07	5,893	410	180.59	6,490	3,629
180.08	5,905	469	180.60	6,502	3,694
180.09	5,916	528	180.61	6,513	3,760
180.10	5,928	587	180.62	6,525	3,825
180.11	5,939	646	180.63	6,536	3,890
180.12	5,951	706	180.64	6,548	3,955
180.13	5,962	765	180.65	6,559	4,021
180.14	5,974	825	180.66	6,571	4,087
180.15	5,985	885	180.67	6,582	4,152
180.16	5,997	945	180.68	6,594	4,218
180.17	6,008	1,005	180.69	6,605	4,284
180.18	6,020	1,065	180.70	6,617	4,350
180.19	6,031	1,125	180.71	6,628	4,417
180.20	6,043	1,186	180.72	6,640	4,483
180.21	6,054	1,246	180.73	6,651	4,549
180.22	6,066	1,307	180.74	6,663	4,616
180.23	6,077	1,367	180.75	6,674	4,683
180.24	6,089	1,428	180.76	6,685	4,749
180.25	6,100	1,489	180.77	6,697	4,816
180.26	6,111	1,550	180.78	6,708	4,883
180.27	6,123	1,611	180.79	6,720	4,951
180.28	6,134	1,673	180.80	6,731	5,018
180.29	6,146	1,734	180.81	6,743	5,085
180.30	6,157	1,796	180.82	6,754	5,153
180.31	6,169	1,857	180.83	6,766	5,220
180.32	6,180	1,919	180.84	6,777	5,288
180.33	6,192	1,981	180.85	6,789	5,356
180.34	6,203	2,043	180.86	6,800	5,424
180.35	6,215	2,105	180.87	6,812	5,492
180.36	6,226	2,167	180.88	6,823	5,560
180.37	6,238	2,229	180.89	6,835	5,628
180.38	6,249	2,292	180.90	6,846	5,697
180.39	6,261	2,354	180.91	6,858	5,765
180.40	6,272	2,417	180.92	6,869	5,834
180.41	6,284	2,480	180.93	6,881	5,903
180.42	6,295	2,543	180.94	6,892	5,971
180.43	6,307	2,606	180.95	6,904	6,040
180.44	6,318	2,669	180.96	6,915	6,109
180.45	6,330	2,732	180.97	6,927	6,179
180.46	6,341	2,795	180.98	6,938	6,248
180.47	6,353	2,859	180.99	6,950	6,317
180.48	6,364	2,922	181.00	6,961	6,387
180.49	6,376	2,986	181.01	6,973	6,457
180.50	6,387	3,050	181.02	6,985	6,526
180.51	6,398	3,114	181.03	6,998	6,596

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	7,010	6,666	181.56	7,644	10,476
181.05	7,022	6,737	181.57	7,656	10,553
181.06	7,034	6,807	181.58	7,669	10,630
181.07	7,046	6,877	181.59	7,681	10,706
181.08	7,059	6,948	181.60	7,693	10,783
181.09	7,071	7,018	181.61	7,705	10,860
181.10	7,083	7,089	181.62	7,717	10,937
181.11	7,095	7,160	181.63	7,730	11,015
181.12	7,107	7,231	181.64	7,742	11,092
181.13	7,120	7,302	181.65	7,754	11,169
181.14	7,132	7,373	181.66	7,766	11,247
181.15	7,144	7,445	181.67	7,778	11,325
181.16	7,156	7,516	181.68	7,791	11,403
181.17	7,168	7,588	181.69	7,803	11,481
181.18	7,181	7,660	181.70	7,815	11,559
181.19	7,193	7,732	181.71	7,827	11,637
181.20	7,205	7,804	181.72	7,839	11,715
181.21	7,217	7,876	181.73	7,852	11,794
181.22	7,229	7,948	181.74	7,864	11,872
181.23	7,242	8,020	181.75	7,876	11,951
181.24	7,254	8,093	181.76	7,888	12,030
181.25	7,266	8,165	181.77	7,900	12,109
181.26	7,278	8,238	181.78	7,913	12,188
181.27	7,290	8,311	181.79	7,925	12,267
181.28	7,303	8,384	181.80	7,937	12,346
181.29	7,315	8,457	181.81	7,949	12,426
181.30	7,327	8,530	181.82	7,961	12,505
181.31	7,339	8,604	181.83	7,974	12,585
181.32	7,351	8,677	181.84	7,986	12,665
181.33	7,364	8,751	181.85	7,998	12,745
181.34	7,376	8,824	181.86	8,010	12,825
181.35	7,388	8,898	181.87	8,022	12,905
181.36	7,400	8,972	181.88	8,035	12,985
181.37	7,412	9,046	181.89	8,047	13,065
181.38	7,425	9,120	181.90	8,059	13,146
181.39	7,437	9,195	181.91	8,071	13,227
181.40	7,449	9,269	181.92	8,083	13,307
181.41	7,461	9,344	181.93	8,096	13,388
181.42	7,473	9,418	181.94	8,108	13,469
181.43	7,486	9,493	181.95	8,120	13,550
181.44	7,498	9,568	181.96	8,132	13,632
181.45	7,510	9,643	181.97	8,144	13,713
181.46	7,522	9,718	181.98	8,157	13,795
181.47	7,534	9,793	181.99	8,169	13,876
181.48	7,547	9,869	182.00	8,181	13,958
181.49	7,559	9,944	182.01	8,194	14,040
181.50	7,571	10,020	182.02	8,207	14,122
181.51	7,583	10,096	182.03	8,220	14,204
181.52	7,595	10,172	182.04	8,233	14,286
181.53	7,608	10,248	182.05	8,246	14,369
181.54	7,620	10,324	182.06	8,258	14,451
181.55	7,632	10,400	182.07	8,271	14,534

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,284	14,617	182.60	8,955	19,099
182.09	8,297	14,700	182.61	8,968	19,188
182.10	8,310	14,783	182.62	8,981	19,278
182.11	8,323	14,866	182.63	8,994	19,368
182.12	8,336	14,949	182.64	9,007	19,458
182.13	8,349	15,032	182.65	9,020	19,548
182.14	8,362	15,116	182.66	9,032	19,638
182.15	8,375	15,200	182.67	9,045	19,729
182.16	8,387	15,283	182.68	9,058	19,819
182.17	8,400	15,367	182.69	9,071	19,910
182.18	8,413	15,451	182.70	9,084	20,001
182.19	8,426	15,536	182.71	9,097	20,092
182.20	8,439	15,620	182.72	9,110	20,183
182.21	8,452	15,704	182.73	9,123	20,274
182.22	8,465	15,789	182.74	9,136	20,365
182.23	8,478	15,874	182.75	9,149	20,457
182.24	8,491	15,959	182.76	9,161	20,548
182.25	8,504	16,044	182.77	9,174	20,640
182.26	8,516	16,129	182.78	9,187	20,732
182.27	8,529	16,214	182.79	9,200	20,824
182.28	8,542	16,299	182.80	9,213	20,916
182.29	8,555	16,385	182.81	9,226	21,008
182.30	8,568	16,470	182.82	9,239	21,100
182.31	8,581	16,556	182.83	9,252	21,193
182.32	8,594	16,642	182.84	9,265	21,285
182.33	8,607	16,728	182.85	9,277	21,378
182.34	8,620	16,814	182.86	9,290	21,471
182.35	8,632	16,900	182.87	9,303	21,564
182.36	8,645	16,987	182.88	9,316	21,657
182.37	8,658	17,073	182.89	9,329	21,750
182.38	8,671	17,160	182.90	9,342	21,843
182.39	8,684	17,247	182.91	9,355	21,937
182.40	8,697	17,334	182.92	9,368	22,030
182.41	8,710	17,421	182.93	9,381	22,124
182.42	8,723	17,508	182.94	9,394	22,218
182.43	8,736	17,595	182.95	9,406	22,312
182.44	8,749	17,683	182.96	9,419	22,406
182.45	8,761	17,770	182.97	9,432	22,500
182.46	8,774	17,858	182.98	9,445	22,595
182.47	8,787	17,946	182.99	9,458	22,689
182.48	8,800	18,033	183.00	9,471	22,784
182.49	8,813	18,122	183.01	9,487	22,879
182.50	8,826	18,210	183.02	9,503	22,974
182.51	8,839	18,298	183.03	9,519	23,069
182.52	8,852	18,387	183.04	9,535	23,164
182.53	8,865	18,475	183.05	9,550	23,260
182.54	8,878	18,564	183.06	9,566	23,355
182.55	8,891	18,653	183.07	9,582	23,451
182.56	8,903	18,742	183.08	9,598	23,547
182.57	8,916	18,831	183.09	9,614	23,643
182.58	8,929	18,920	183.10	9,630	23,739
182.59	8,942	19,009	183.11	9,646	23,835

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,662	23,932	183.64	10,487	29,171
183.13	9,677	24,029	183.65	10,503	29,276
183.14	9,693	24,126	183.66	10,519	29,381
183.15	9,709	24,223	183.67	10,535	29,486
183.16	9,725	24,320	183.68	10,551	29,591
183.17	9,741	24,417	183.69	10,567	29,697
183.18	9,757	24,515	183.70	10,583	29,803
183.19	9,773	24,612	183.71	10,598	29,909
183.20	9,789	24,710	183.72	10,614	30,015
183.21	9,804	24,808	183.73	10,630	30,121
183.22	9,820	24,906	183.74	10,646	30,227
183.23	9,836	25,004	183.75	10,662	30,334
183.24	9,852	25,103	183.76	10,678	30,441
183.25	9,868	25,201	183.77	10,694	30,547
183.26	9,884	25,300	183.78	10,710	30,654
183.27	9,900	25,399	183.79	10,726	30,762
183.28	9,916	25,498	183.80	10,741	30,869
183.29	9,932	25,597	183.81	10,757	30,976
183.30	9,947	25,697	183.82	10,773	31,084
183.31	9,963	25,796	183.83	10,789	31,192
183.32	9,979	25,896	183.84	10,805	31,300
183.33	9,995	25,996	183.85	10,821	31,408
183.34	10,011	26,096	183.86	10,837	31,516
183.35	10,027	26,196	183.87	10,853	31,625
183.36	10,043	26,296	183.88	10,868	31,733
183.37	10,059	26,397	183.89	10,884	31,842
183.38	10,074	26,498	183.90	10,900	31,951
183.39	10,090	26,598	183.91	10,916	32,060
183.40	10,106	26,699	183.92	10,932	32,169
183.41	10,122	26,801	183.93	10,948	32,279
183.42	10,138	26,902	183.94	10,964	32,388
183.43	10,154	27,003	183.95	10,980	32,498
183.44	10,170	27,105	183.96	10,995	32,608
183.45	10,186	27,207	183.97	11,011	32,718
183.46	10,201	27,309	183.98	11,027	32,828
183.47	10,217	27,411	183.99	11,043	32,938
183.48	10,233	27,513	184.00	11,059	33,049
183.49	10,249	27,615	184.01	11,072	33,160
183.50	10,265	27,718	184.02	11,086	33,270
183.51	10,281	27,821	184.03	11,099	33,381
183.52	10,297	27,924	184.04	11,113	33,492
183.53	10,313	28,027	184.05	11,126	33,604
183.54	10,329	28,130	184.06	11,140	33,715
183.55	10,344	28,233	184.07	11,153	33,826
183.56	10,360	28,337	184.08	11,166	33,938
183.57	10,376	28,440	184.09	11,180	34,050
183.58	10,392	28,544	184.10	11,193	34,162
183.59	10,408	28,648	184.11	11,207	34,274
183.60	10,424	28,752	184.12	11,220	34,386
183.61	10,440	28,857	184.13	11,234	34,498
183.62	10,456	28,961	184.14	11,247	34,610
183.63	10,471	29,066	184.15	11,260	34,723

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	11,274	34,836	184.68	11,972	40,880
184.17	11,287	34,948	184.69	11,986	40,999
184.18	11,301	35,061	184.70	11,999	41,119
184.19	11,314	35,174	184.71	12,013	41,239
184.20	11,328	35,288	184.72	12,026	41,360
184.21	11,341	35,401	184.73	12,039	41,480
184.22	11,354	35,514	184.74	12,053	41,600
184.23	11,368	35,628	184.75	12,066	41,721
184.24	11,381	35,742	184.76	12,080	41,842
184.25	11,395	35,856	184.77	12,093	41,963
184.26	11,408	35,970	184.78	12,107	42,084
184.27	11,422	36,084	184.79	12,120	42,205
184.28	11,435	36,198	184.80	12,133	42,326
184.29	11,448	36,313	184.81	12,147	42,447
184.30	11,462	36,427	184.82	12,160	42,569
184.31	11,475	36,542	184.83	12,174	42,691
184.32	11,489	36,657	184.84	12,187	42,812
184.33	11,502	36,772	184.85	12,201	42,934
184.34	11,516	36,887	184.86	12,214	43,056
184.35	11,529	37,002	184.87	12,227	43,179
184.36	11,542	37,117	184.88	12,241	43,301
184.37	11,556	37,233	184.89	12,254	43,423
184.38	11,569	37,348	184.90	12,268	43,546
184.39	11,583	37,464	184.91	12,281	43,669
184.40	11,596	37,580	184.92	12,295	43,792
184.41	11,610	37,696	184.93	12,308	43,915
184.42	11,623	37,812	184.94	12,321	44,038
184.43	11,636	37,929	184.95	12,335	44,161
184.44	11,650	38,045	184.96	12,348	44,284
184.45	11,663	38,162	184.97	12,362	44,408
184.46	11,677	38,278	184.98	12,375	44,532
184.47	11,690	38,395	184.99	12,389	44,656
184.48	11,704	38,512	185.00	12,402	44,780
184.49	11,717	38,629	185.01	12,416	44,904
184.50	11,731	38,746	185.02	12,430	45,028
184.51	11,744	38,864	185.03	12,444	45,152
184.52	11,757	38,981	185.04	12,458	45,277
184.53	11,771	39,099	185.05	12,472	45,401
184.54	11,784	39,217	185.06	12,486	45,526
184.55	11,798	39,335	185.07	12,500	45,651
184.56	11,811	39,453	185.08	12,514	45,776
184.57	11,825	39,571	185.09	12,528	45,901
184.58	11,838	39,689	185.10	12,542	46,027
184.59	11,851	39,808	185.11	12,556	46,152
184.60	11,865	39,926	185.12	12,570	46,278
184.61	11,878	40,045	185.13	12,584	46,404
184.62	11,892	40,164	185.14	12,598	46,530
184.63	11,905	40,283	185.15	12,612	46,656
184.64	11,919	40,402	185.16	12,626	46,782
184.65	11,932	40,521	185.17	12,640	46,908
184.66	11,945	40,640	185.18	12,654	47,035
184.67	11,959	40,760	185.19	12,668	47,161

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	12,682	47,288	185.72	13,411	54,072
185.21	12,696	47,415	185.73	13,425	54,206
185.22	12,710	47,542	185.74	13,439	54,341
185.23	12,724	47,669	185.75	13,453	54,475
185.24	12,738	47,796	185.76	13,467	54,610
185.25	12,752	47,924	185.77	13,481	54,744
185.26	12,766	48,051	185.78	13,495	54,879
185.27	12,780	48,179	185.79	13,509	55,014
185.28	12,794	48,307	185.80	13,523	55,149
185.29	12,808	48,435	185.81	13,537	55,285
185.30	12,822	48,563	185.82	13,551	55,420
185.31	12,836	48,691	185.83	13,565	55,556
185.32	12,850	48,820	185.84	13,579	55,691
185.33	12,864	48,948	185.85	13,593	55,827
185.34	12,878	49,077	185.86	13,607	55,963
185.35	12,892	49,206	185.87	13,621	56,099
185.36	12,906	49,335	185.88	13,635	56,236
185.37	12,920	49,464	185.89	13,649	56,372
185.38	12,934	49,593	185.90	13,663	56,509
185.39	12,948	49,723	185.91	13,677	56,645
185.40	12,962	49,852	185.92	13,691	56,782
185.41	12,976	49,982	185.93	13,705	56,919
185.42	12,990	50,112	185.94	13,719	57,056
185.43	13,004	50,242	185.95	13,733	57,194
185.44	13,018	50,372	185.96	13,747	57,331
185.45	13,032	50,502	185.97	13,761	57,469
185.46	13,046	50,633	185.98	13,775	57,606
185.47	13,060	50,763	185.99	13,789	57,744
185.48	13,074	50,894	186.00	13,803	57,882
185.49	13,088	51,025	186.01	13,818	58,020
185.50	13,103	51,156	186.02	13,832	58,158
185.51	13,117	51,287	186.03	13,847	58,297
185.52	13,131	51,418	186.04	13,861	58,435
185.53	13,145	51,549	186.05	13,876	58,574
185.54	13,159	51,681	186.06	13,890	58,713
185.55	13,173	51,813	186.07	13,905	58,852
185.56	13,187	51,944	186.08	13,919	58,991
185.57	13,201	52,076	186.09	13,934	59,130
185.58	13,215	52,208	186.10	13,949	59,270
185.59	13,229	52,341	186.11	13,963	59,409
185.60	13,243	52,473	186.12	13,978	59,549
185.61	13,257	52,605	186.13	13,992	59,689
185.62	13,271	52,738	186.14	14,007	59,829
185.63	13,285	52,871	186.15	14,021	59,969
185.64	13,299	53,004	186.16	14,036	60,109
185.65	13,313	53,137	186.17	14,051	60,250
185.66	13,327	53,270	186.18	14,065	60,390
185.67	13,341	53,403	186.19	14,080	60,531
185.68	13,355	53,537	186.20	14,094	60,672
185.69	13,369	53,670	186.21	14,109	60,813
185.70	13,383	53,804	186.22	14,123	60,954
185.71	13,397	53,938	186.23	14,138	61,095

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	14,152	61,237	186.76	14,910	68,793
186.25	14,167	61,378	186.77	14,924	68,942
186.26	14,182	61,520	186.78	14,939	69,091
186.27	14,196	61,662	186.79	14,953	69,241
186.28	14,211	61,804	186.80	14,968	69,390
186.29	14,225	61,946	186.81	14,982	69,540
186.30	14,240	62,088	186.82	14,997	69,690
186.31	14,254	62,231	186.83	15,011	69,840
186.32	14,269	62,374	186.84	15,026	69,990
186.33	14,283	62,516	186.85	15,041	70,141
186.34	14,298	62,659	186.86	15,055	70,291
186.35	14,313	62,802	186.87	15,070	70,442
186.36	14,327	62,945	186.88	15,084	70,592
186.37	14,342	63,089	186.89	15,099	70,743
186.38	14,356	63,232	186.90	15,113	70,894
186.39	14,371	63,376	186.91	15,128	71,046
186.40	14,385	63,520	186.92	15,143	71,197
186.41	14,400	63,664	186.93	15,157	71,348
186.42	14,415	63,808	186.94	15,172	71,500
186.43	14,429	63,952	186.95	15,186	71,652
186.44	14,444	64,096	186.96	15,201	71,804
186.45	14,458	64,241	186.97	15,215	71,956
186.46	14,473	64,385	186.98	15,230	72,108
186.47	14,487	64,530	186.99	15,244	72,260
186.48	14,502	64,675	187.00	15,259	72,413
186.49	14,516	64,820	187.01	15,274	72,566
186.50	14,531	64,966	187.02	15,289	72,718
186.51	14,546	65,111	187.03	15,304	72,871
186.52	14,560	65,256	187.04	15,320	73,025
186.53	14,575	65,402	187.05	15,335	73,178
186.54	14,589	65,548	187.06	15,350	73,331
186.55	14,604	65,694	187.07	15,365	73,485
186.56	14,618	65,840	187.08	15,380	73,639
186.57	14,633	65,986	187.09	15,395	73,792
186.58	14,647	66,133	187.10	15,410	73,946
186.59	14,662	66,279	187.11	15,425	74,101
186.60	14,677	66,426	187.12	15,441	74,255
186.61	14,691	66,573	187.13	15,456	74,409
186.62	14,706	66,720	187.14	15,471	74,564
186.63	14,720	66,867	187.15	15,486	74,719
186.64	14,735	67,014	187.16	15,501	74,874
186.65	14,749	67,162	187.17	15,516	75,029
186.66	14,764	67,309	187.18	15,531	75,184
186.67	14,779	67,457	187.19	15,546	75,340
186.68	14,793	67,605	187.20	15,562	75,495
186.69	14,808	67,753	187.21	15,577	75,651
186.70	14,822	67,901	187.22	15,592	75,807
186.71	14,837	68,049	187.23	15,607	75,963
186.72	14,851	68,198	187.24	15,622	76,119
186.73	14,866	68,346	187.25	15,637	76,275
186.74	14,880	68,495	187.26	15,652	76,431
186.75	14,895	68,644	187.27	15,668	76,588

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	15,683	76,745	187.80	16,469	85,104
187.29	15,698	76,902	187.81	16,485	85,269
187.30	15,713	77,059	187.82	16,500	85,434
187.31	15,728	77,216	187.83	16,515	85,599
187.32	15,743	77,373	187.84	16,530	85,764
187.33	15,758	77,531	187.85	16,545	85,930
187.34	15,773	77,689	187.86	16,560	86,095
187.35	15,789	77,846	187.87	16,575	86,261
187.36	15,804	78,004	187.88	16,590	86,427
187.37	15,819	78,162	187.89	16,606	86,593
187.38	15,834	78,321	187.90	16,621	86,759
187.39	15,849	78,479	187.91	16,636	86,925
187.40	15,864	78,638	187.92	16,651	87,092
187.41	15,879	78,796	187.93	16,666	87,258
187.42	15,894	78,955	187.94	16,681	87,425
187.43	15,910	79,114	187.95	16,696	87,592
187.44	15,925	79,273	187.96	16,711	87,759
187.45	15,940	79,433	187.97	16,727	87,926
187.46	15,955	79,592	187.98	16,742	88,093
187.47	15,970	79,752	187.99	16,757	88,261
187.48	15,985	79,912	188.00	16,772	88,429
187.49	16,000	80,072			
187.50	16,016	80,232			
187.51	16,031	80,392			
187.52	16,046	80,552			
187.53	16,061	80,713			
187.54	16,076	80,873			
187.55	16,091	81,034			
187.56	16,106	81,195			
187.57	16,121	81,356			
187.58	16,137	81,518			
187.59	16,152	81,679			
187.60	16,167	81,841			
187.61	16,182	82,002			
187.62	16,197	82,164			
187.63	16,212	82,326			
187.64	16,227	82,489			
187.65	16,242	82,651			
187.66	16,258	82,813			
187.67	16,273	82,976			
187.68	16,288	83,139			
187.69	16,303	83,302			
187.70	16,318	83,465			
187.71	16,333	83,628			
187.72	16,348	83,792			
187.73	16,363	83,955			
187.74	16,379	84,119			
187.75	16,394	84,283			
187.76	16,409	84,447			
187.77	16,424	84,611			
187.78	16,439	84,775			
187.79	16,454	84,940			

Summary for Pond B-47: Basin #47

Inflow Area = 2.436 ac, 30.62% Impervious, Inflow Depth = 3.16" for Current 10 yr event
 Inflow = 6.23 cfs @ 12.13 hrs, Volume= 0.641 af
 Outflow = 1.21 cfs @ 12.90 hrs, Volume= 0.461 af, Atten= 81%, Lag= 46.4 min
 Primary = 1.21 cfs @ 12.90 hrs, Volume= 0.461 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.71' @ 12.90 hrs Surf.Area= 22,698 sf Storage= 15,702 cf

Plug-Flow detention time= 434.2 min calculated for 0.461 af (72% of inflow)
 Center-of-Mass det. time= 334.8 min (1,136.8 - 802.1)

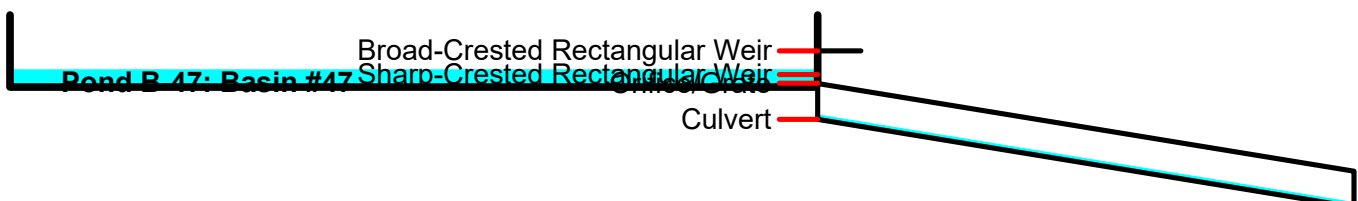
Volume	Invert	Avail.Storage	Storage Description
#1	189.00'	72,844 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
189.00	21,318	0	0
190.00	23,252	22,285	22,285
191.00	25,242	24,247	46,532
192.00	27,382	26,312	72,844

Device	Routing	Invert	Outlet Devices
#1	Primary	187.65'	18.0" Round Culvert L= 62.0' Ke= 0.500 Inlet / Outlet Invert= 187.65' / 184.00' S= 0.0589 ' S= 0.0589 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	189.16'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.52'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.51'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

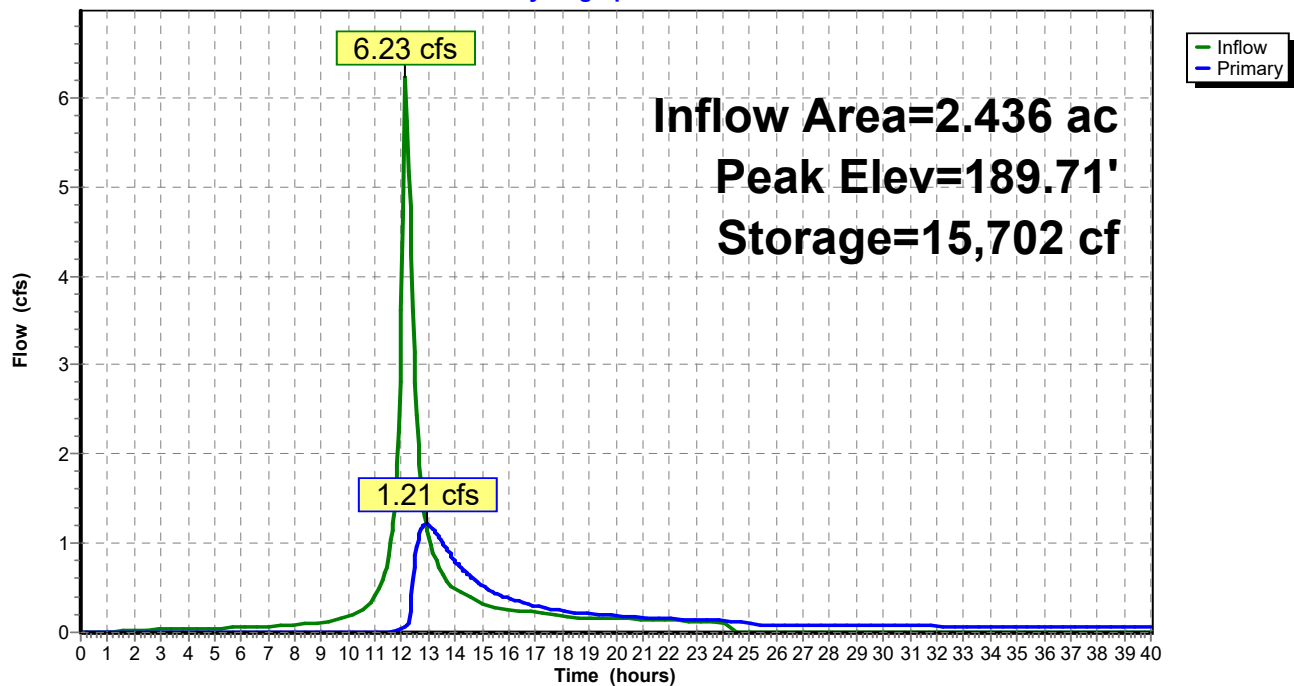
Primary OutFlow Max=1.21 cfs @ 12.90 hrs HW=189.71' (Free Discharge)

1=Culvert (Passes 1.21 cfs of 9.75 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.11 cfs @ 3.23 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 1.10 cfs @ 1.44 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-47: Basin #47

Hydrograph



Hydrograph for Pond B-47: Basin #47

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	189.00	0.00
0.10	0.00	0	189.00	0.00
0.20	0.00	0	189.00	0.00
0.30	0.00	0	189.00	0.00
0.40	0.00	0	189.00	0.00
0.50	0.00	0	189.00	0.00
0.60	0.00	0	189.00	0.00
0.70	0.00	0	189.00	0.00
0.80	0.00	0	189.00	0.00
0.90	0.00	0	189.00	0.00
1.00	0.00	2	189.00	0.00
1.10	0.01	3	189.00	0.00
1.20	0.01	6	189.00	0.00
1.30	0.01	9	189.00	0.00
1.40	0.01	13	189.00	0.00
1.50	0.01	17	189.00	0.00
1.60	0.01	22	189.00	0.00
1.70	0.02	28	189.00	0.00
1.80	0.02	34	189.00	0.00
1.90	0.02	41	189.00	0.00
2.00	0.02	48	189.00	0.00
2.10	0.02	56	189.00	0.00
2.20	0.02	64	189.00	0.00
2.30	0.02	72	189.00	0.00
2.40	0.03	81	189.00	0.00
2.50	0.03	90	189.00	0.00
2.60	0.03	100	189.00	0.00
2.70	0.03	110	189.01	0.00
2.80	0.03	121	189.01	0.00
2.90	0.03	132	189.01	0.00
3.00	0.03	143	189.01	0.00
3.10	0.03	154	189.01	0.00
3.20	0.03	166	189.01	0.00
3.30	0.03	179	189.01	0.00
3.40	0.04	191	189.01	0.00
3.50	0.04	204	189.01	0.00
3.60	0.04	217	189.01	0.00
3.70	0.04	231	189.01	0.00
3.80	0.04	244	189.01	0.00
3.90	0.04	258	189.01	0.00
4.00	0.04	273	189.01	0.00
4.10	0.04	287	189.01	0.00
4.20	0.04	302	189.01	0.00
4.30	0.04	317	189.01	0.00
4.40	0.04	333	189.02	0.00
4.50	0.04	349	189.02	0.00
4.60	0.04	364	189.02	0.00
4.70	0.05	381	189.02	0.00
4.80	0.05	397	189.02	0.00
4.90	0.05	414	189.02	0.00
5.00	0.05	430	189.02	0.00
5.10	0.05	447	189.02	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	465	189.02	0.00
5.30	0.05	482	189.02	0.00
5.40	0.05	500	189.02	0.00
5.50	0.05	518	189.02	0.00
5.60	0.05	536	189.03	0.00
5.70	0.05	555	189.03	0.00
5.80	0.05	573	189.03	0.00
5.90	0.05	592	189.03	0.00
6.00	0.05	611	189.03	0.00
6.10	0.05	631	189.03	0.00
6.20	0.06	650	189.03	0.00
6.30	0.06	671	189.03	0.00
6.40	0.06	692	189.03	0.00
6.50	0.06	714	189.03	0.00
6.60	0.06	736	189.03	0.00
6.70	0.06	759	189.04	0.00
6.80	0.07	782	189.04	0.00
6.90	0.07	806	189.04	0.00
7.00	0.07	830	189.04	0.00
7.10	0.07	855	189.04	0.00
7.20	0.07	881	189.04	0.00
7.30	0.07	907	189.04	0.00
7.40	0.08	934	189.04	0.00
7.50	0.08	961	189.04	0.00
7.60	0.08	989	189.05	0.00
7.70	0.08	1,018	189.05	0.00
7.80	0.08	1,047	189.05	0.00
7.90	0.08	1,076	189.05	0.00
8.00	0.09	1,107	189.05	0.00
8.10	0.09	1,138	189.05	0.00
8.20	0.09	1,169	189.05	0.00
8.30	0.09	1,201	189.06	0.00
8.40	0.09	1,234	189.06	0.00
8.50	0.09	1,267	189.06	0.00
8.60	0.09	1,301	189.06	0.00
8.70	0.10	1,335	189.06	0.00
8.80	0.10	1,370	189.06	0.00
8.90	0.10	1,405	189.07	0.00
9.00	0.10	1,442	189.07	0.00
9.10	0.11	1,479	189.07	0.00
9.20	0.12	1,520	189.07	0.00
9.30	0.12	1,563	189.07	0.00
9.40	0.13	1,609	189.08	0.00
9.50	0.14	1,658	189.08	0.00
9.60	0.15	1,710	189.08	0.00
9.70	0.16	1,765	189.08	0.00
9.80	0.17	1,824	189.09	0.00
9.90	0.18	1,886	189.09	0.00
10.00	0.19	1,951	189.09	0.00
10.10	0.20	2,021	189.09	0.00
10.20	0.21	2,094	189.10	0.00
10.30	0.22	2,171	189.10	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.23	2,253	189.11	0.00
10.50	0.24	2,338	189.11	0.00
10.60	0.27	2,430	189.11	0.00
10.70	0.30	2,533	189.12	0.00
10.80	0.33	2,647	189.12	0.00
10.90	0.37	2,773	189.13	0.00
11.00	0.41	2,913	189.14	0.00
11.10	0.47	3,070	189.14	0.00
11.20	0.53	3,249	189.15	0.00
11.30	0.60	3,453	189.16	0.00
11.40	0.68	3,683	189.17	0.00
11.50	0.76	3,941	189.18	0.00
11.60	1.04	4,258	189.20	0.00
11.70	1.22	4,664	189.22	0.01
11.80	1.62	5,167	189.24	0.01
11.90	2.24	5,848	189.27	0.02
12.00	3.63	6,870	189.32	0.04
12.10	6.12	8,570	189.39	0.06
12.20	5.35	10,683	189.49	0.08
12.30	4.78	12,476	189.57	0.24
12.40	3.61	13,847	189.63	0.58
12.50	2.79	14,726	189.67	0.86
12.60	2.10	15,259	189.69	1.05
12.70	1.69	15,540	189.71	1.15
12.80	1.40	15,670	189.71	1.20
12.90	1.21	15,702	189.71	1.21
13.00	1.07	15,675	189.71	1.20
13.10	0.95	15,609	189.71	1.18
13.20	0.86	15,515	189.71	1.14
13.30	0.78	15,404	189.70	1.10
13.40	0.71	15,284	189.70	1.06
13.50	0.65	15,157	189.69	1.01
13.60	0.59	15,025	189.68	0.97
13.70	0.55	14,892	189.68	0.92
13.80	0.52	14,761	189.67	0.88
13.90	0.50	14,636	189.67	0.83
14.00	0.48	14,519	189.66	0.79
14.10	0.46	14,409	189.66	0.76
14.20	0.45	14,305	189.65	0.73
14.30	0.43	14,208	189.65	0.70
14.40	0.42	14,115	189.64	0.67
14.50	0.40	14,027	189.64	0.64
14.60	0.39	13,944	189.64	0.61
14.70	0.37	13,864	189.63	0.59
14.80	0.36	13,787	189.63	0.57
14.90	0.34	13,713	189.63	0.55
15.00	0.33	13,640	189.62	0.53
15.10	0.31	13,569	189.62	0.51
15.20	0.30	13,500	189.62	0.49
15.30	0.29	13,434	189.61	0.47
15.40	0.29	13,372	189.61	0.45
15.50	0.28	13,314	189.61	0.44

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.28	13,259	189.61	0.42
15.70	0.27	13,208	189.60	0.41
15.80	0.27	13,161	189.60	0.40
15.90	0.26	13,116	189.60	0.38
16.00	0.26	13,074	189.60	0.38
16.10	0.26	13,034	189.60	0.37
16.20	0.25	12,995	189.59	0.36
16.30	0.25	12,958	189.59	0.35
16.40	0.24	12,923	189.59	0.34
16.50	0.24	12,889	189.59	0.33
16.60	0.24	12,856	189.59	0.33
16.70	0.23	12,825	189.59	0.32
16.80	0.23	12,794	189.58	0.31
16.90	0.22	12,765	189.58	0.30
17.00	0.22	12,737	189.58	0.30
17.10	0.22	12,709	189.58	0.29
17.20	0.21	12,682	189.58	0.29
17.30	0.21	12,656	189.58	0.28
17.40	0.20	12,631	189.58	0.27
17.50	0.20	12,606	189.58	0.27
17.60	0.20	12,581	189.58	0.26
17.70	0.19	12,557	189.57	0.26
17.80	0.19	12,534	189.57	0.25
17.90	0.18	12,511	189.57	0.25
18.00	0.18	12,489	189.57	0.24
18.10	0.18	12,466	189.57	0.24
18.20	0.17	12,444	189.57	0.23
18.30	0.17	12,423	189.57	0.23
18.40	0.17	12,402	189.57	0.23
18.50	0.17	12,382	189.57	0.22
18.60	0.17	12,362	189.57	0.22
18.70	0.17	12,343	189.56	0.22
18.80	0.16	12,326	189.56	0.21
18.90	0.16	12,308	189.56	0.21
19.00	0.16	12,292	189.56	0.21
19.10	0.16	12,276	189.56	0.20
19.20	0.16	12,260	189.56	0.20
19.30	0.16	12,246	189.56	0.20
19.40	0.16	12,231	189.56	0.20
19.50	0.16	12,218	189.56	0.19
19.60	0.16	12,204	189.56	0.19
19.70	0.16	12,191	189.56	0.19
19.80	0.15	12,179	189.56	0.19
19.90	0.15	12,167	189.56	0.19
20.00	0.15	12,155	189.56	0.18
20.10	0.15	12,144	189.56	0.18
20.20	0.15	12,133	189.56	0.18
20.30	0.15	12,122	189.55	0.18
20.40	0.15	12,112	189.55	0.18
20.50	0.15	12,102	189.55	0.18
20.60	0.15	12,092	189.55	0.17
20.70	0.15	12,082	189.55	0.17

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	12,073	189.55	0.17
20.90	0.14	12,063	189.55	0.17
21.00	0.14	12,054	189.55	0.17
21.10	0.14	12,045	189.55	0.17
21.20	0.14	12,036	189.55	0.16
21.30	0.14	12,028	189.55	0.16
21.40	0.14	12,019	189.55	0.16
21.50	0.14	12,011	189.55	0.16
21.60	0.14	12,003	189.55	0.16
21.70	0.13	11,995	189.55	0.16
21.80	0.13	11,987	189.55	0.16
21.90	0.13	11,979	189.55	0.15
22.00	0.13	11,972	189.55	0.15
22.10	0.13	11,964	189.55	0.15
22.20	0.13	11,956	189.55	0.15
22.30	0.13	11,949	189.55	0.15
22.40	0.13	11,942	189.55	0.15
22.50	0.13	11,934	189.55	0.15
22.60	0.13	11,927	189.55	0.15
22.70	0.12	11,920	189.55	0.14
22.80	0.12	11,913	189.55	0.14
22.90	0.12	11,906	189.55	0.14
23.00	0.12	11,899	189.54	0.14
23.10	0.12	11,892	189.54	0.14
23.20	0.12	11,885	189.54	0.14
23.30	0.12	11,878	189.54	0.14
23.40	0.12	11,872	189.54	0.14
23.50	0.12	11,865	189.54	0.14
23.60	0.12	11,858	189.54	0.13
23.70	0.11	11,851	189.54	0.13
23.80	0.11	11,845	189.54	0.13
23.90	0.11	11,838	189.54	0.13
24.00	0.12	11,833	189.54	0.13
24.10	0.08	11,824	189.54	0.13
24.20	0.05	11,803	189.54	0.12
24.30	0.03	11,772	189.54	0.12
24.40	0.01	11,736	189.54	0.12
24.50	0.00	11,696	189.54	0.11
24.60	0.00	11,657	189.53	0.11
24.70	0.00	11,618	189.53	0.11
24.80	0.00	11,580	189.53	0.10
24.90	0.00	11,543	189.53	0.10
25.00	0.00	11,508	189.53	0.10
25.10	0.00	11,473	189.53	0.09
25.20	0.00	11,440	189.52	0.09
25.30	0.00	11,407	189.52	0.09
25.40	0.00	11,376	189.52	0.09
25.50	0.00	11,346	189.52	0.08
25.60	0.00	11,316	189.52	0.08
25.70	0.00	11,286	189.52	0.08
25.80	0.00	11,256	189.52	0.08
25.90	0.00	11,227	189.51	0.08

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,197	189.51	0.08
26.10	0.00	11,168	189.51	0.08
26.20	0.00	11,138	189.51	0.08
26.30	0.00	11,109	189.51	0.08
26.40	0.00	11,080	189.51	0.08
26.50	0.00	11,051	189.51	0.08
26.60	0.00	11,022	189.51	0.08
26.70	0.00	10,993	189.50	0.08
26.80	0.00	10,964	189.50	0.08
26.90	0.00	10,935	189.50	0.08
27.00	0.00	10,906	189.50	0.08
27.10	0.00	10,878	189.50	0.08
27.20	0.00	10,849	189.50	0.08
27.30	0.00	10,821	189.50	0.08
27.40	0.00	10,792	189.50	0.08
27.50	0.00	10,764	189.49	0.08
27.60	0.00	10,736	189.49	0.08
27.70	0.00	10,707	189.49	0.08
27.80	0.00	10,679	189.49	0.08
27.90	0.00	10,651	189.49	0.08
28.00	0.00	10,623	189.49	0.08
28.10	0.00	10,595	189.49	0.08
28.20	0.00	10,568	189.49	0.08
28.30	0.00	10,540	189.48	0.08
28.40	0.00	10,512	189.48	0.08
28.50	0.00	10,485	189.48	0.08
28.60	0.00	10,457	189.48	0.08
28.70	0.00	10,430	189.48	0.08
28.80	0.00	10,402	189.48	0.08
28.90	0.00	10,375	189.48	0.08
29.00	0.00	10,348	189.48	0.08
29.10	0.00	10,321	189.47	0.08
29.20	0.00	10,294	189.47	0.07
29.30	0.00	10,267	189.47	0.07
29.40	0.00	10,240	189.47	0.07
29.50	0.00	10,213	189.47	0.07
29.60	0.00	10,187	189.47	0.07
29.70	0.00	10,160	189.47	0.07
29.80	0.00	10,133	189.47	0.07
29.90	0.00	10,107	189.46	0.07
30.00	0.00	10,081	189.46	0.07
30.10	0.00	10,054	189.46	0.07
30.20	0.00	10,028	189.46	0.07
30.30	0.00	10,002	189.46	0.07
30.40	0.00	9,976	189.46	0.07
30.50	0.00	9,950	189.46	0.07
30.60	0.00	9,924	189.46	0.07
30.70	0.00	9,898	189.45	0.07
30.80	0.00	9,872	189.45	0.07
30.90	0.00	9,847	189.45	0.07
31.00	0.00	9,821	189.45	0.07
31.10	0.00	9,796	189.45	0.07

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,770	189.45	0.07
31.30	0.00	9,745	189.45	0.07
31.40	0.00	9,719	189.45	0.07
31.50	0.00	9,694	189.45	0.07
31.60	0.00	9,669	189.44	0.07
31.70	0.00	9,644	189.44	0.07
31.80	0.00	9,619	189.44	0.07
31.90	0.00	9,594	189.44	0.07
32.00	0.00	9,569	189.44	0.07
32.10	0.00	9,545	189.44	0.07
32.20	0.00	9,520	189.44	0.07
32.30	0.00	9,496	189.44	0.07
32.40	0.00	9,471	189.44	0.07
32.50	0.00	9,447	189.43	0.07
32.60	0.00	9,422	189.43	0.07
32.70	0.00	9,398	189.43	0.07
32.80	0.00	9,374	189.43	0.07
32.90	0.00	9,350	189.43	0.07
33.00	0.00	9,326	189.43	0.07
33.10	0.00	9,302	189.43	0.07
33.20	0.00	9,278	189.43	0.07
33.30	0.00	9,254	189.43	0.07
33.40	0.00	9,230	189.42	0.07
33.50	0.00	9,207	189.42	0.07
33.60	0.00	9,183	189.42	0.07
33.70	0.00	9,160	189.42	0.07
33.80	0.00	9,136	189.42	0.06
33.90	0.00	9,113	189.42	0.06
34.00	0.00	9,090	189.42	0.06
34.10	0.00	9,067	189.42	0.06
34.20	0.00	9,044	189.42	0.06
34.30	0.00	9,021	189.42	0.06
34.40	0.00	8,998	189.41	0.06
34.50	0.00	8,975	189.41	0.06
34.60	0.00	8,952	189.41	0.06
34.70	0.00	8,929	189.41	0.06
34.80	0.00	8,907	189.41	0.06
34.90	0.00	8,884	189.41	0.06
35.00	0.00	8,862	189.41	0.06
35.10	0.00	8,840	189.41	0.06
35.20	0.00	8,817	189.41	0.06
35.30	0.00	8,795	189.41	0.06
35.40	0.00	8,773	189.40	0.06
35.50	0.00	8,751	189.40	0.06
35.60	0.00	8,729	189.40	0.06
35.70	0.00	8,707	189.40	0.06
35.80	0.00	8,685	189.40	0.06
35.90	0.00	8,664	189.40	0.06
36.00	0.00	8,642	189.40	0.06
36.10	0.00	8,620	189.40	0.06
36.20	0.00	8,599	189.40	0.06
36.30	0.00	8,577	189.40	0.06

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,556	189.39	0.06
36.50	0.00	8,535	189.39	0.06
36.60	0.00	8,514	189.39	0.06
36.70	0.00	8,493	189.39	0.06
36.80	0.00	8,472	189.39	0.06
36.90	0.00	8,451	189.39	0.06
37.00	0.00	8,430	189.39	0.06
37.10	0.00	8,409	189.39	0.06
37.20	0.00	8,388	189.39	0.06
37.30	0.00	8,368	189.39	0.06
37.40	0.00	8,347	189.38	0.06
37.50	0.00	8,326	189.38	0.06
37.60	0.00	8,306	189.38	0.06
37.70	0.00	8,286	189.38	0.06
37.80	0.00	8,266	189.38	0.06
37.90	0.00	8,245	189.38	0.06
38.00	0.00	8,225	189.38	0.06
38.10	0.00	8,205	189.38	0.06
38.20	0.00	8,185	189.38	0.06
38.30	0.00	8,165	189.38	0.06
38.40	0.00	8,146	189.38	0.05
38.50	0.00	8,126	189.37	0.05
38.60	0.00	8,106	189.37	0.05
38.70	0.00	8,087	189.37	0.05
38.80	0.00	8,067	189.37	0.05
38.90	0.00	8,048	189.37	0.05
39.00	0.00	8,028	189.37	0.05
39.10	0.00	8,009	189.37	0.05
39.20	0.00	7,990	189.37	0.05
39.30	0.00	7,971	189.37	0.05
39.40	0.00	7,952	189.37	0.05
39.50	0.00	7,933	189.37	0.05
39.60	0.00	7,914	189.37	0.05
39.70	0.00	7,895	189.36	0.05
39.80	0.00	7,876	189.36	0.05
39.90	0.00	7,858	189.36	0.05
40.00	0.00	7,839	189.36	0.05

Stage-Discharge for Pond B-47: Basin #47

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.00	0.00	189.52	0.08	190.04	4.92	190.56	13.82
189.01	0.00	189.53	0.10	190.05	5.06	190.57	14.26
189.02	0.00	189.54	0.12	190.06	5.20	190.58	14.74
189.03	0.00	189.55	0.16	190.07	5.34	190.59	15.25
189.04	0.00	189.56	0.19	190.08	5.48	190.60	15.79
189.05	0.00	189.57	0.24	190.09	5.62	190.61	16.37
189.06	0.00	189.58	0.28	190.10	5.76	190.62	16.97
189.07	0.00	189.59	0.34	190.11	5.90	190.63	17.60
189.08	0.00	189.60	0.39	190.12	6.05	190.64	18.25
189.09	0.00	189.61	0.45	190.13	6.19	190.65	18.93
189.10	0.00	189.62	0.51	190.14	6.34	190.66	19.64
189.11	0.00	189.63	0.57	190.15	6.49	190.67	20.37
189.12	0.00	189.64	0.64	190.16	6.64	190.68	21.12
189.13	0.00	189.65	0.71	190.17	6.79	190.69	21.89
189.14	0.00	189.66	0.78	190.18	6.94	190.70	22.68
189.15	0.00	189.67	0.86	190.19	7.09	190.71	23.50
189.16	0.00	189.68	0.94	190.20	7.24	190.72	24.37
189.17	0.00	189.69	1.02	190.21	7.40	190.73	25.27
189.18	0.00	189.70	1.10	190.22	7.55	190.74	26.20
189.19	0.00	189.71	1.18	190.23	7.71	190.75	27.15
189.20	0.00	189.72	1.27	190.24	7.87	190.76	28.12
189.21	0.00	189.73	1.36	190.25	8.02	190.77	29.13
189.22	0.01	189.74	1.45	190.26	8.18	190.78	30.15
189.23	0.01	189.75	1.54	190.27	8.34	190.79	31.20
189.24	0.01	189.76	1.64	190.28	8.50	190.80	32.28
189.25	0.01	189.77	1.73	190.29	8.66	190.81	33.38
189.26	0.02	189.78	1.83	190.30	8.83	190.82	34.50
189.27	0.02	189.79	1.93	190.31	8.99	190.83	35.65
189.28	0.02	189.80	2.03	190.32	9.15	190.84	36.82
189.29	0.03	189.81	2.13	190.33	9.32	190.85	38.02
189.30	0.03	189.82	2.24	190.34	9.48	190.86	39.24
189.31	0.03	189.83	2.35	190.35	9.65	190.87	40.49
189.32	0.04	189.84	2.45	190.36	9.82	190.88	41.76
189.33	0.04	189.85	2.56	190.37	9.99	190.89	43.05
189.34	0.05	189.86	2.68	190.38	10.16	190.90	44.37
189.35	0.05	189.87	2.79	190.39	10.33	190.91	45.71
189.36	0.05	189.88	2.90	190.40	10.50	190.92	47.10
189.37	0.05	189.89	3.02	190.41	10.67	190.93	48.52
189.38	0.06	189.90	3.14	190.42	10.84	190.94	49.97
189.39	0.06	189.91	3.26	190.43	11.02	190.95	51.44
189.40	0.06	189.92	3.38	190.44	11.19	190.96	52.93
189.41	0.06	189.93	3.50	190.45	11.36	190.97	54.46
189.42	0.06	189.94	3.62	190.46	11.54	190.98	56.01
189.43	0.07	189.95	3.74	190.47	11.72	190.99	57.58
189.44	0.07	189.96	3.87	190.48	11.89	191.00	59.18
189.45	0.07	189.97	4.00	190.49	12.07	191.01	60.81
189.46	0.07	189.98	4.13	190.50	12.25	191.02	62.47
189.47	0.07	189.99	4.26	190.51	12.36	191.03	64.15
189.48	0.08	190.00	4.39	190.52	12.51	191.04	65.85
189.49	0.08	190.01	4.52	190.53	12.75	191.05	67.59
189.50	0.08	190.02	4.65	190.54	13.06	191.06	69.35
189.51	0.08	190.03	4.79	190.55	13.41	191.07	71.14

Stage-Discharge for Pond B-47: Basin #47 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.08	72.95	191.60	175.15
191.09	74.79	191.61	177.39
191.10	76.66	191.62	179.65
191.11	78.56	191.63	181.91
191.12	80.21	191.64	184.18
191.13	81.88	191.65	186.47
191.14	83.55	191.66	188.76
191.15	85.25	191.67	191.07
191.16	86.95	191.68	193.38
191.17	88.67	191.69	195.71
191.18	90.41	191.70	198.04
191.19	92.15	191.71	200.38
191.20	93.91	191.72	202.77
191.21	95.68	191.73	205.17
191.22	97.47	191.74	207.58
191.23	99.26	191.75	210.01
191.24	101.07	191.76	212.44
191.25	102.89	191.77	214.88
191.26	104.73	191.78	217.33
191.27	106.57	191.79	219.80
191.28	108.43	191.80	222.27
191.29	110.30	191.81	224.76
191.30	112.18	191.82	227.25
191.31	114.08	191.83	229.76
191.32	116.02	191.84	232.27
191.33	117.98	191.85	234.80
191.34	119.95	191.86	237.34
191.35	121.94	191.87	239.88
191.36	123.93	191.88	242.44
191.37	125.94	191.89	245.01
191.38	127.97	191.90	247.59
191.39	130.00	191.91	250.18
191.40	132.05	191.92	252.82
191.41	134.12	191.93	255.48
191.42	136.19	191.94	258.14
191.43	138.28	191.95	260.82
191.44	140.38	191.96	263.51
191.45	142.49	191.97	266.20
191.46	144.62	191.98	268.91
191.47	146.76	191.99	271.64
191.48	148.91	192.00	274.37
191.49	151.07		
191.50	153.25		
191.51	155.44		
191.52	157.59		
191.53	159.74		
191.54	161.91		
191.55	164.09		
191.56	166.28		
191.57	168.49		
191.58	170.70		
191.59	172.92		

Stage-Area-Storage for Pond B-47: Basin #47

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.00	21,318	0	189.52	22,324	11,347
189.01	21,337	213	189.53	22,343	11,570
189.02	21,357	427	189.54	22,362	11,794
189.03	21,376	640	189.55	22,382	12,017
189.04	21,395	854	189.56	22,401	12,241
189.05	21,415	1,068	189.57	22,420	12,465
189.06	21,434	1,283	189.58	22,440	12,690
189.07	21,453	1,497	189.59	22,459	12,914
189.08	21,473	1,712	189.60	22,478	13,139
189.09	21,492	1,926	189.61	22,498	13,364
189.10	21,511	2,141	189.62	22,517	13,589
189.11	21,531	2,357	189.63	22,536	13,814
189.12	21,550	2,572	189.64	22,556	14,040
189.13	21,569	2,788	189.65	22,575	14,265
189.14	21,589	3,003	189.66	22,594	14,491
189.15	21,608	3,219	189.67	22,614	14,717
189.16	21,627	3,436	189.68	22,633	14,943
189.17	21,647	3,652	189.69	22,652	15,170
189.18	21,666	3,869	189.70	22,672	15,396
189.19	21,685	4,085	189.71	22,691	15,623
189.20	21,705	4,302	189.72	22,710	15,850
189.21	21,724	4,519	189.73	22,730	16,077
189.22	21,743	4,737	189.74	22,749	16,305
189.23	21,763	4,954	189.75	22,769	16,532
189.24	21,782	5,172	189.76	22,788	16,760
189.25	21,802	5,390	189.77	22,807	16,988
189.26	21,821	5,608	189.78	22,827	17,216
189.27	21,840	5,826	189.79	22,846	17,445
189.28	21,860	6,045	189.80	22,865	17,673
189.29	21,879	6,264	189.81	22,885	17,902
189.30	21,898	6,482	189.82	22,904	18,131
189.31	21,918	6,702	189.83	22,923	18,360
189.32	21,937	6,921	189.84	22,943	18,589
189.33	21,956	7,140	189.85	22,962	18,819
189.34	21,976	7,360	189.86	22,981	19,049
189.35	21,995	7,580	189.87	23,001	19,279
189.36	22,014	7,800	189.88	23,020	19,509
189.37	22,034	8,020	189.89	23,039	19,739
189.38	22,053	8,240	189.90	23,059	19,969
189.39	22,072	8,461	189.91	23,078	20,200
189.40	22,092	8,682	189.92	23,097	20,431
189.41	22,111	8,903	189.93	23,117	20,662
189.42	22,130	9,124	189.94	23,136	20,893
189.43	22,150	9,346	189.95	23,155	21,125
189.44	22,169	9,567	189.96	23,175	21,356
189.45	22,188	9,789	189.97	23,194	21,588
189.46	22,208	10,011	189.98	23,213	21,820
189.47	22,227	10,233	189.99	23,233	22,053
189.48	22,246	10,455	190.00	23,252	22,285
189.49	22,266	10,678	190.01	23,272	22,518
189.50	22,285	10,901	190.02	23,292	22,750
189.51	22,304	11,124	190.03	23,312	22,983

Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.04	23,332	23,217	190.56	24,366	35,618
190.05	23,352	23,450	190.57	24,386	35,862
190.06	23,371	23,684	190.58	24,406	36,106
190.07	23,391	23,918	190.59	24,426	36,350
190.08	23,411	24,152	190.60	24,446	36,594
190.09	23,431	24,386	190.61	24,466	36,839
190.10	23,451	24,620	190.62	24,486	37,084
190.11	23,471	24,855	190.63	24,506	37,329
190.12	23,491	25,090	190.64	24,526	37,574
190.13	23,511	25,325	190.65	24,546	37,819
190.14	23,531	25,560	190.66	24,565	38,065
190.15	23,551	25,795	190.67	24,585	38,310
190.16	23,570	26,031	190.68	24,605	38,556
190.17	23,590	26,267	190.69	24,625	38,803
190.18	23,610	26,503	190.70	24,645	39,049
190.19	23,630	26,739	190.71	24,665	39,295
190.20	23,650	26,975	190.72	24,685	39,542
190.21	23,670	27,212	190.73	24,705	39,789
190.22	23,690	27,449	190.74	24,725	40,036
190.23	23,710	27,686	190.75	24,745	40,284
190.24	23,730	27,923	190.76	24,764	40,531
190.25	23,750	28,160	190.77	24,784	40,779
190.26	23,769	28,398	190.78	24,804	41,027
190.27	23,789	28,636	190.79	24,824	41,275
190.28	23,809	28,874	190.80	24,844	41,523
190.29	23,829	29,112	190.81	24,864	41,772
190.30	23,849	29,350	190.82	24,884	42,021
190.31	23,869	29,589	190.83	24,904	42,270
190.32	23,889	29,828	190.84	24,924	42,519
190.33	23,909	30,067	190.85	24,943	42,768
190.34	23,929	30,306	190.86	24,963	43,018
190.35	23,948	30,545	190.87	24,983	43,267
190.36	23,968	30,785	190.88	25,003	43,517
190.37	23,988	31,024	190.89	25,023	43,767
190.38	24,008	31,264	190.90	25,043	44,018
190.39	24,028	31,505	190.91	25,063	44,268
190.40	24,048	31,745	190.92	25,083	44,519
190.41	24,068	31,986	190.93	25,103	44,770
190.42	24,088	32,226	190.94	25,123	45,021
190.43	24,108	32,467	190.95	25,142	45,272
190.44	24,128	32,709	190.96	25,162	45,524
190.45	24,147	32,950	190.97	25,182	45,776
190.46	24,167	33,191	190.98	25,202	46,028
190.47	24,187	33,433	190.99	25,222	46,280
190.48	24,207	33,675	191.00	25,242	46,532
190.49	24,227	33,917	191.01	25,263	46,785
190.50	24,247	34,160	191.02	25,285	47,037
190.51	24,267	34,402	191.03	25,306	47,290
190.52	24,287	34,645	191.04	25,328	47,543
190.53	24,307	34,888	191.05	25,349	47,797
190.54	24,327	35,131	191.06	25,370	48,050
190.55	24,347	35,375	191.07	25,392	48,304

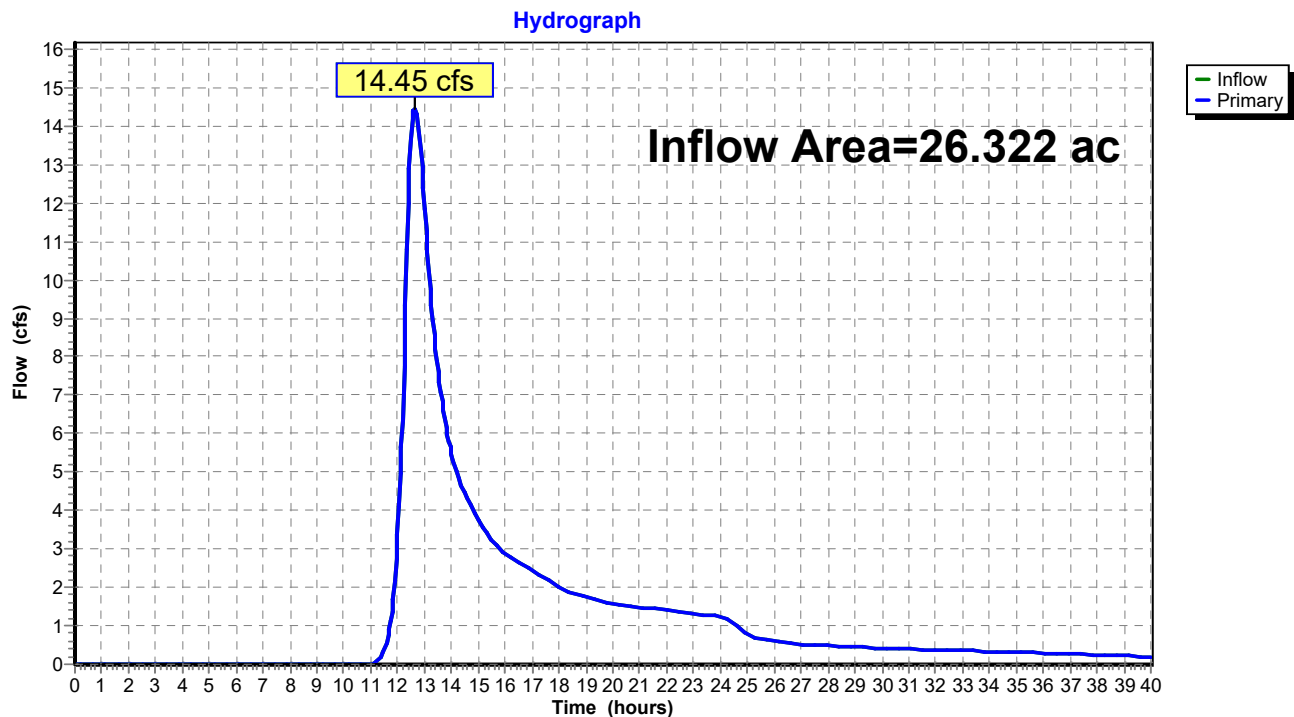
Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.08	25,413	48,558	191.60	26,526	62,062
191.09	25,435	48,812	191.61	26,547	62,328
191.10	25,456	49,067	191.62	26,569	62,593
191.11	25,477	49,322	191.63	26,590	62,859
191.12	25,499	49,576	191.64	26,612	63,125
191.13	25,520	49,832	191.65	26,633	63,391
191.14	25,542	50,087	191.66	26,654	63,658
191.15	25,563	50,342	191.67	26,676	63,924
191.16	25,584	50,598	191.68	26,697	64,191
191.17	25,606	50,854	191.69	26,719	64,458
191.18	25,627	51,110	191.70	26,740	64,726
191.19	25,649	51,367	191.71	26,761	64,993
191.20	25,670	51,623	191.72	26,783	65,261
191.21	25,691	51,880	191.73	26,804	65,529
191.22	25,713	52,137	191.74	26,826	65,797
191.23	25,734	52,394	191.75	26,847	66,065
191.24	25,756	52,652	191.76	26,868	66,334
191.25	25,777	52,909	191.77	26,890	66,603
191.26	25,798	53,167	191.78	26,911	66,872
191.27	25,820	53,425	191.79	26,933	67,141
191.28	25,841	53,684	191.80	26,954	67,410
191.29	25,863	53,942	191.81	26,975	67,680
191.30	25,884	54,201	191.82	26,997	67,950
191.31	25,905	54,460	191.83	27,018	68,220
191.32	25,927	54,719	191.84	27,040	68,490
191.33	25,948	54,978	191.85	27,061	68,761
191.34	25,970	55,238	191.86	27,082	69,031
191.35	25,991	55,498	191.87	27,104	69,302
191.36	26,012	55,758	191.88	27,125	69,574
191.37	26,034	56,018	191.89	27,147	69,845
191.38	26,055	56,278	191.90	27,168	70,117
191.39	26,077	56,539	191.91	27,189	70,388
191.40	26,098	56,800	191.92	27,211	70,660
191.41	26,119	57,061	191.93	27,232	70,933
191.42	26,141	57,322	191.94	27,254	71,205
191.43	26,162	57,584	191.95	27,275	71,478
191.44	26,184	57,846	191.96	27,296	71,750
191.45	26,205	58,108	191.97	27,318	72,024
191.46	26,226	58,370	191.98	27,339	72,297
191.47	26,248	58,632	191.99	27,361	72,570
191.48	26,269	58,895	192.00	27,382	72,844
191.49	26,291	59,157			
191.50	26,312	59,421			
191.51	26,333	59,684			
191.52	26,355	59,947			
191.53	26,376	60,211			
191.54	26,398	60,475			
191.55	26,419	60,739			
191.56	26,440	61,003			
191.57	26,462	61,268			
191.58	26,483	61,532			
191.59	26,505	61,797			

Summary for Link PDA-4: Proposed Drainage Area #4

Inflow Area = 26.322 ac, 21.46% Impervious, Inflow Depth > 1.81" for Current 10 yr event
Inflow = 14.45 cfs @ 12.64 hrs, Volume= 3.975 af
Primary = 14.45 cfs @ 12.64 hrs, Volume= 3.975 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-2

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-4: Proposed Drainage Area #4

Hydrograph for Link PDA-4: Proposed Drainage Area #4

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	11.84	0.00	11.84
10.45	0.00	0.00	0.00	13.05	11.28	0.00	11.28
10.50	0.00	0.00	0.00	13.10	10.73	0.00	10.73
10.55	0.00	0.00	0.00	13.15	10.21	0.00	10.21
10.60	0.00	0.00	0.00	13.20	9.75	0.00	9.75
10.65	0.00	0.00	0.00	13.25	9.33	0.00	9.33
10.70	0.00	0.00	0.00	13.30	8.94	0.00	8.94
10.75	0.00	0.00	0.00	13.35	8.57	0.00	8.57
10.80	0.00	0.00	0.00	13.40	8.23	0.00	8.23
10.85	0.00	0.00	0.00	13.45	7.91	0.00	7.91
10.90	0.00	0.00	0.00	13.50	7.61	0.00	7.61
10.95	0.00	0.00	0.00	13.55	7.33	0.00	7.33
11.00	0.00	0.00	0.00	13.60	7.07	0.00	7.07
11.05	0.00	0.00	0.00	13.65	6.82	0.00	6.82
11.10	0.00	0.00	0.00	13.70	6.59	0.00	6.59
11.15	0.01	0.00	0.01	13.75	6.37	0.00	6.37
11.20	0.03	0.00	0.03	13.80	6.17	0.00	6.17
11.25	0.07	0.00	0.07	13.85	5.98	0.00	5.98
11.30	0.10	0.00	0.10	13.90	5.80	0.00	5.80
11.35	0.16	0.00	0.16	13.95	5.64	0.00	5.64
11.40	0.22	0.00	0.22	14.00	5.49	0.00	5.49
11.45	0.29	0.00	0.29	14.05	5.34	0.00	5.34
11.50	0.37	0.00	0.37	14.10	5.21	0.00	5.21
11.55	0.47	0.00	0.47	14.15	5.09	0.00	5.09
11.60	0.60	0.00	0.60	14.20	4.98	0.00	4.98
11.65	0.75	0.00	0.75	14.25	4.87	0.00	4.87
11.70	0.93	0.00	0.93	14.30	4.77	0.00	4.77
11.75	1.13	0.00	1.13	14.35	4.67	0.00	4.67
11.80	1.38	0.00	1.38	14.40	4.59	0.00	4.59
11.85	1.71	0.00	1.71	14.45	4.50	0.00	4.50
11.90	2.15	0.00	2.15	14.50	4.42	0.00	4.42
11.95	2.72	0.00	2.72	14.55	4.34	0.00	4.34
12.00	3.37	0.00	3.37	14.60	4.27	0.00	4.27
12.05	4.12	0.00	4.12	14.65	4.20	0.00	4.20
12.10	4.95	0.00	4.95	14.70	4.13	0.00	4.13
12.15	5.65	0.00	5.65	14.75	4.06	0.00	4.06
12.20	6.34	0.00	6.34	14.80	3.99	0.00	3.99
12.25	7.76	0.00	7.76	14.85	3.93	0.00	3.93
12.30	9.33	0.00	9.33	14.90	3.87	0.00	3.87
12.35	10.79	0.00	10.79	14.95	3.81	0.00	3.81
12.40	11.98	0.00	11.98	15.00	3.75	0.00	3.75
12.45	12.92	0.00	12.92	15.05	3.69	0.00	3.69
12.50	13.65	0.00	13.65	15.10	3.63	0.00	3.63
12.55	14.15	0.00	14.15	15.15	3.57	0.00	3.57
12.60	14.39	0.00	14.39	15.20	3.52	0.00	3.52
12.65	14.45	0.00	14.45	15.25	3.46	0.00	3.46
12.70	14.34	0.00	14.34	15.30	3.41	0.00	3.41
12.75	14.12	0.00	14.12	15.35	3.36	0.00	3.36
12.80	13.80	0.00	13.80	15.40	3.32	0.00	3.32
12.85	13.40	0.00	13.40	15.45	3.27	0.00	3.27
12.90	12.92	0.00	12.92	15.50	3.22	0.00	3.22
12.95	12.39	0.00	12.39	15.55	3.18	0.00	3.18

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	3.14	0.00	3.14	18.20	1.94	0.00	1.94
15.65	3.10	0.00	3.10	18.25	1.92	0.00	1.92
15.70	3.06	0.00	3.06	18.30	1.90	0.00	1.90
15.75	3.02	0.00	3.02	18.35	1.89	0.00	1.89
15.80	2.99	0.00	2.99	18.40	1.87	0.00	1.87
15.85	2.96	0.00	2.96	18.45	1.86	0.00	1.86
15.90	2.93	0.00	2.93	18.50	1.84	0.00	1.84
15.95	2.90	0.00	2.90	18.55	1.83	0.00	1.83
16.00	2.87	0.00	2.87	18.60	1.82	0.00	1.82
16.05	2.85	0.00	2.85	18.65	1.80	0.00	1.80
16.10	2.82	0.00	2.82	18.70	1.79	0.00	1.79
16.15	2.80	0.00	2.80	18.75	1.78	0.00	1.78
16.20	2.77	0.00	2.77	18.80	1.77	0.00	1.77
16.25	2.75	0.00	2.75	18.85	1.76	0.00	1.76
16.30	2.73	0.00	2.73	18.90	1.75	0.00	1.75
16.35	2.71	0.00	2.71	18.95	1.74	0.00	1.74
16.40	2.68	0.00	2.68	19.00	1.73	0.00	1.73
16.45	2.66	0.00	2.66	19.05	1.72	0.00	1.72
16.50	2.64	0.00	2.64	19.10	1.71	0.00	1.71
16.55	2.62	0.00	2.62	19.15	1.70	0.00	1.70
16.60	2.60	0.00	2.60	19.20	1.69	0.00	1.69
16.65	2.58	0.00	2.58	19.25	1.68	0.00	1.68
16.70	2.56	0.00	2.56	19.30	1.67	0.00	1.67
16.75	2.54	0.00	2.54	19.35	1.67	0.00	1.67
16.80	2.52	0.00	2.52	19.40	1.66	0.00	1.66
16.85	2.49	0.00	2.49	19.45	1.65	0.00	1.65
16.90	2.48	0.00	2.48	19.50	1.65	0.00	1.65
16.95	2.45	0.00	2.45	19.55	1.64	0.00	1.64
17.00	2.44	0.00	2.44	19.60	1.63	0.00	1.63
17.05	2.41	0.00	2.41	19.65	1.62	0.00	1.62
17.10	2.39	0.00	2.39	19.70	1.62	0.00	1.62
17.15	2.37	0.00	2.37	19.75	1.61	0.00	1.61
17.20	2.35	0.00	2.35	19.80	1.60	0.00	1.60
17.25	2.33	0.00	2.33	19.85	1.60	0.00	1.60
17.30	2.30	0.00	2.30	19.90	1.59	0.00	1.59
17.35	2.28	0.00	2.28	19.95	1.59	0.00	1.59
17.40	2.26	0.00	2.26	20.00	1.58	0.00	1.58
17.45	2.24	0.00	2.24	20.05	1.57	0.00	1.57
17.50	2.22	0.00	2.22	20.10	1.57	0.00	1.57
17.55	2.20	0.00	2.20	20.15	1.56	0.00	1.56
17.60	2.17	0.00	2.17	20.20	1.56	0.00	1.56
17.65	2.15	0.00	2.15	20.25	1.55	0.00	1.55
17.70	2.13	0.00	2.13	20.30	1.55	0.00	1.55
17.75	2.11	0.00	2.11	20.35	1.54	0.00	1.54
17.80	2.09	0.00	2.09	20.40	1.54	0.00	1.54
17.85	2.07	0.00	2.07	20.45	1.53	0.00	1.53
17.90	2.05	0.00	2.05	20.50	1.53	0.00	1.53
17.95	2.03	0.00	2.03	20.55	1.52	0.00	1.52
18.00	2.01	0.00	2.01	20.60	1.52	0.00	1.52
18.05	1.99	0.00	1.99	20.65	1.51	0.00	1.51
18.10	1.97	0.00	1.97	20.70	1.51	0.00	1.51
18.15	1.96	0.00	1.96	20.75	1.51	0.00	1.51

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	1.50	0.00	1.50	23.40	1.29	0.00	1.29
20.85	1.50	0.00	1.50	23.45	1.29	0.00	1.29
20.90	1.49	0.00	1.49	23.50	1.28	0.00	1.28
20.95	1.49	0.00	1.49	23.55	1.28	0.00	1.28
21.00	1.48	0.00	1.48	23.60	1.28	0.00	1.28
21.05	1.48	0.00	1.48	23.65	1.27	0.00	1.27
21.10	1.48	0.00	1.48	23.70	1.27	0.00	1.27
21.15	1.47	0.00	1.47	23.75	1.26	0.00	1.26
21.20	1.47	0.00	1.47	23.80	1.26	0.00	1.26
21.25	1.46	0.00	1.46	23.85	1.26	0.00	1.26
21.30	1.46	0.00	1.46	23.90	1.25	0.00	1.25
21.35	1.45	0.00	1.45	23.95	1.25	0.00	1.25
21.40	1.45	0.00	1.45	24.00	1.25	0.00	1.25
21.45	1.45	0.00	1.45	24.05	1.24	0.00	1.24
21.50	1.44	0.00	1.44	24.10	1.23	0.00	1.23
21.55	1.44	0.00	1.44	24.15	1.21	0.00	1.21
21.60	1.43	0.00	1.43	24.20	1.20	0.00	1.20
21.65	1.43	0.00	1.43	24.25	1.18	0.00	1.18
21.70	1.42	0.00	1.42	24.30	1.16	0.00	1.16
21.75	1.42	0.00	1.42	24.35	1.14	0.00	1.14
21.80	1.42	0.00	1.42	24.40	1.12	0.00	1.12
21.85	1.41	0.00	1.41	24.45	1.09	0.00	1.09
21.90	1.41	0.00	1.41	24.50	1.06	0.00	1.06
21.95	1.40	0.00	1.40	24.55	1.03	0.00	1.03
22.00	1.40	0.00	1.40	24.60	0.99	0.00	0.99
22.05	1.40	0.00	1.40	24.65	0.96	0.00	0.96
22.10	1.39	0.00	1.39	24.70	0.93	0.00	0.93
22.15	1.39	0.00	1.39	24.75	0.90	0.00	0.90
22.20	1.38	0.00	1.38	24.80	0.87	0.00	0.87
22.25	1.38	0.00	1.38	24.85	0.84	0.00	0.84
22.30	1.38	0.00	1.38	24.90	0.82	0.00	0.82
22.35	1.37	0.00	1.37	24.95	0.80	0.00	0.80
22.40	1.37	0.00	1.37	25.00	0.78	0.00	0.78
22.45	1.36	0.00	1.36	25.05	0.76	0.00	0.76
22.50	1.36	0.00	1.36	25.10	0.74	0.00	0.74
22.55	1.36	0.00	1.36	25.15	0.73	0.00	0.73
22.60	1.35	0.00	1.35	25.20	0.72	0.00	0.72
22.65	1.35	0.00	1.35	25.25	0.70	0.00	0.70
22.70	1.34	0.00	1.34	25.30	0.69	0.00	0.69
22.75	1.34	0.00	1.34	25.35	0.68	0.00	0.68
22.80	1.34	0.00	1.34	25.40	0.67	0.00	0.67
22.85	1.33	0.00	1.33	25.45	0.66	0.00	0.66
22.90	1.33	0.00	1.33	25.50	0.65	0.00	0.65
22.95	1.33	0.00	1.33	25.55	0.65	0.00	0.65
23.00	1.32	0.00	1.32	25.60	0.64	0.00	0.64
23.05	1.32	0.00	1.32	25.65	0.63	0.00	0.63
23.10	1.31	0.00	1.31	25.70	0.63	0.00	0.63
23.15	1.31	0.00	1.31	25.75	0.62	0.00	0.62
23.20	1.31	0.00	1.31	25.80	0.62	0.00	0.62
23.25	1.30	0.00	1.30	25.85	0.61	0.00	0.61
23.30	1.30	0.00	1.30	25.90	0.61	0.00	0.61
23.35	1.29	0.00	1.29	25.95	0.60	0.00	0.60

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.60	0.00	0.60	28.60	0.46	0.00	0.46
26.05	0.59	0.00	0.59	28.65	0.46	0.00	0.46
26.10	0.59	0.00	0.59	28.70	0.46	0.00	0.46
26.15	0.58	0.00	0.58	28.75	0.46	0.00	0.46
26.20	0.58	0.00	0.58	28.80	0.46	0.00	0.46
26.25	0.57	0.00	0.57	28.85	0.45	0.00	0.45
26.30	0.57	0.00	0.57	28.90	0.45	0.00	0.45
26.35	0.56	0.00	0.56	28.95	0.45	0.00	0.45
26.40	0.56	0.00	0.56	29.00	0.45	0.00	0.45
26.45	0.56	0.00	0.56	29.05	0.45	0.00	0.45
26.50	0.55	0.00	0.55	29.10	0.45	0.00	0.45
26.55	0.55	0.00	0.55	29.15	0.45	0.00	0.45
26.60	0.55	0.00	0.55	29.20	0.44	0.00	0.44
26.65	0.54	0.00	0.54	29.25	0.44	0.00	0.44
26.70	0.54	0.00	0.54	29.30	0.44	0.00	0.44
26.75	0.54	0.00	0.54	29.35	0.44	0.00	0.44
26.80	0.53	0.00	0.53	29.40	0.44	0.00	0.44
26.85	0.53	0.00	0.53	29.45	0.44	0.00	0.44
26.90	0.53	0.00	0.53	29.50	0.44	0.00	0.44
26.95	0.52	0.00	0.52	29.55	0.43	0.00	0.43
27.00	0.52	0.00	0.52	29.60	0.43	0.00	0.43
27.05	0.52	0.00	0.52	29.65	0.43	0.00	0.43
27.10	0.52	0.00	0.52	29.70	0.43	0.00	0.43
27.15	0.51	0.00	0.51	29.75	0.43	0.00	0.43
27.20	0.51	0.00	0.51	29.80	0.43	0.00	0.43
27.25	0.51	0.00	0.51	29.85	0.43	0.00	0.43
27.30	0.51	0.00	0.51	29.90	0.42	0.00	0.42
27.35	0.51	0.00	0.51	29.95	0.42	0.00	0.42
27.40	0.50	0.00	0.50	30.00	0.42	0.00	0.42
27.45	0.50	0.00	0.50	30.05	0.42	0.00	0.42
27.50	0.50	0.00	0.50	30.10	0.42	0.00	0.42
27.55	0.50	0.00	0.50	30.15	0.42	0.00	0.42
27.60	0.50	0.00	0.50	30.20	0.42	0.00	0.42
27.65	0.49	0.00	0.49	30.25	0.42	0.00	0.42
27.70	0.49	0.00	0.49	30.30	0.41	0.00	0.41
27.75	0.49	0.00	0.49	30.35	0.41	0.00	0.41
27.80	0.49	0.00	0.49	30.40	0.41	0.00	0.41
27.85	0.49	0.00	0.49	30.45	0.41	0.00	0.41
27.90	0.48	0.00	0.48	30.50	0.41	0.00	0.41
27.95	0.48	0.00	0.48	30.55	0.41	0.00	0.41
28.00	0.48	0.00	0.48	30.60	0.41	0.00	0.41
28.05	0.48	0.00	0.48	30.65	0.41	0.00	0.41
28.10	0.48	0.00	0.48	30.70	0.41	0.00	0.41
28.15	0.48	0.00	0.48	30.75	0.40	0.00	0.40
28.20	0.47	0.00	0.47	30.80	0.40	0.00	0.40
28.25	0.47	0.00	0.47	30.85	0.40	0.00	0.40
28.30	0.47	0.00	0.47	30.90	0.40	0.00	0.40
28.35	0.47	0.00	0.47	30.95	0.40	0.00	0.40
28.40	0.47	0.00	0.47	31.00	0.40	0.00	0.40
28.45	0.47	0.00	0.47	31.05	0.40	0.00	0.40
28.50	0.46	0.00	0.46	31.10	0.40	0.00	0.40
28.55	0.46	0.00	0.46	31.15	0.39	0.00	0.39

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.39	0.00	0.39	33.80	0.34	0.00	0.34
31.25	0.39	0.00	0.39	33.85	0.33	0.00	0.33
31.30	0.39	0.00	0.39	33.90	0.33	0.00	0.33
31.35	0.39	0.00	0.39	33.95	0.33	0.00	0.33
31.40	0.39	0.00	0.39	34.00	0.33	0.00	0.33
31.45	0.39	0.00	0.39	34.05	0.33	0.00	0.33
31.50	0.39	0.00	0.39	34.10	0.33	0.00	0.33
31.55	0.39	0.00	0.39	34.15	0.33	0.00	0.33
31.60	0.38	0.00	0.38	34.20	0.33	0.00	0.33
31.65	0.38	0.00	0.38	34.25	0.33	0.00	0.33
31.70	0.38	0.00	0.38	34.30	0.32	0.00	0.32
31.75	0.38	0.00	0.38	34.35	0.32	0.00	0.32
31.80	0.38	0.00	0.38	34.40	0.32	0.00	0.32
31.85	0.38	0.00	0.38	34.45	0.32	0.00	0.32
31.90	0.38	0.00	0.38	34.50	0.32	0.00	0.32
31.95	0.38	0.00	0.38	34.55	0.32	0.00	0.32
32.00	0.38	0.00	0.38	34.60	0.32	0.00	0.32
32.05	0.37	0.00	0.37	34.65	0.32	0.00	0.32
32.10	0.37	0.00	0.37	34.70	0.32	0.00	0.32
32.15	0.37	0.00	0.37	34.75	0.31	0.00	0.31
32.20	0.37	0.00	0.37	34.80	0.31	0.00	0.31
32.25	0.37	0.00	0.37	34.85	0.31	0.00	0.31
32.30	0.37	0.00	0.37	34.90	0.31	0.00	0.31
32.35	0.37	0.00	0.37	34.95	0.31	0.00	0.31
32.40	0.37	0.00	0.37	35.00	0.31	0.00	0.31
32.45	0.37	0.00	0.37	35.05	0.31	0.00	0.31
32.50	0.36	0.00	0.36	35.10	0.31	0.00	0.31
32.55	0.36	0.00	0.36	35.15	0.31	0.00	0.31
32.60	0.36	0.00	0.36	35.20	0.31	0.00	0.31
32.65	0.36	0.00	0.36	35.25	0.30	0.00	0.30
32.70	0.36	0.00	0.36	35.30	0.30	0.00	0.30
32.75	0.36	0.00	0.36	35.35	0.30	0.00	0.30
32.80	0.36	0.00	0.36	35.40	0.30	0.00	0.30
32.85	0.36	0.00	0.36	35.45	0.30	0.00	0.30
32.90	0.36	0.00	0.36	35.50	0.30	0.00	0.30
32.95	0.35	0.00	0.35	35.55	0.30	0.00	0.30
33.00	0.35	0.00	0.35	35.60	0.30	0.00	0.30
33.05	0.35	0.00	0.35	35.65	0.30	0.00	0.30
33.10	0.35	0.00	0.35	35.70	0.29	0.00	0.29
33.15	0.35	0.00	0.35	35.75	0.29	0.00	0.29
33.20	0.35	0.00	0.35	35.80	0.29	0.00	0.29
33.25	0.35	0.00	0.35	35.85	0.29	0.00	0.29
33.30	0.35	0.00	0.35	35.90	0.29	0.00	0.29
33.35	0.35	0.00	0.35	35.95	0.29	0.00	0.29
33.40	0.34	0.00	0.34	36.00	0.29	0.00	0.29
33.45	0.34	0.00	0.34	36.05	0.29	0.00	0.29
33.50	0.34	0.00	0.34	36.10	0.29	0.00	0.29
33.55	0.34	0.00	0.34	36.15	0.29	0.00	0.29
33.60	0.34	0.00	0.34	36.20	0.28	0.00	0.28
33.65	0.34	0.00	0.34	36.25	0.28	0.00	0.28
33.70	0.34	0.00	0.34	36.30	0.28	0.00	0.28
33.75	0.34	0.00	0.34	36.35	0.28	0.00	0.28

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.28	0.00	0.28	39.00	0.22	0.00	0.22
36.45	0.28	0.00	0.28	39.05	0.21	0.00	0.21
36.50	0.28	0.00	0.28	39.10	0.21	0.00	0.21
36.55	0.28	0.00	0.28	39.15	0.21	0.00	0.21
36.60	0.28	0.00	0.28	39.20	0.21	0.00	0.21
36.65	0.27	0.00	0.27	39.25	0.21	0.00	0.21
36.70	0.27	0.00	0.27	39.30	0.21	0.00	0.21
36.75	0.27	0.00	0.27	39.35	0.21	0.00	0.21
36.80	0.27	0.00	0.27	39.40	0.21	0.00	0.21
36.85	0.27	0.00	0.27	39.45	0.21	0.00	0.21
36.90	0.27	0.00	0.27	39.50	0.20	0.00	0.20
36.95	0.27	0.00	0.27	39.55	0.20	0.00	0.20
37.00	0.26	0.00	0.26	39.60	0.20	0.00	0.20
37.05	0.26	0.00	0.26	39.65	0.20	0.00	0.20
37.10	0.26	0.00	0.26	39.70	0.20	0.00	0.20
37.15	0.26	0.00	0.26	39.75	0.20	0.00	0.20
37.20	0.26	0.00	0.26	39.80	0.20	0.00	0.20
37.25	0.26	0.00	0.26	39.85	0.20	0.00	0.20
37.30	0.26	0.00	0.26	39.90	0.20	0.00	0.20
37.35	0.26	0.00	0.26	39.95	0.20	0.00	0.20
37.40	0.25	0.00	0.25	40.00	0.19	0.00	0.19
37.45	0.25	0.00	0.25				
37.50	0.25	0.00	0.25				
37.55	0.25	0.00	0.25				
37.60	0.25	0.00	0.25				
37.65	0.25	0.00	0.25				
37.70	0.25	0.00	0.25				
37.75	0.25	0.00	0.25				
37.80	0.24	0.00	0.24				
37.85	0.24	0.00	0.24				
37.90	0.24	0.00	0.24				
37.95	0.24	0.00	0.24				
38.00	0.24	0.00	0.24				
38.05	0.24	0.00	0.24				
38.10	0.24	0.00	0.24				
38.15	0.24	0.00	0.24				
38.20	0.24	0.00	0.24				
38.25	0.23	0.00	0.23				
38.30	0.23	0.00	0.23				
38.35	0.23	0.00	0.23				
38.40	0.23	0.00	0.23				
38.45	0.23	0.00	0.23				
38.50	0.23	0.00	0.23				
38.55	0.23	0.00	0.23				
38.60	0.23	0.00	0.23				
38.65	0.22	0.00	0.22				
38.70	0.22	0.00	0.22				
38.75	0.22	0.00	0.22				
38.80	0.22	0.00	0.22				
38.85	0.22	0.00	0.22				
38.90	0.22	0.00	0.22				
38.95	0.22	0.00	0.22				

Summary for Subcatchment 41I: PDA-41 (impervious)

Runoff = 6.45 cfs @ 12.10 hrs, Volume= 0.470 af, Depth= 8.20"
 Routed to Pond B-41 : Basin #41

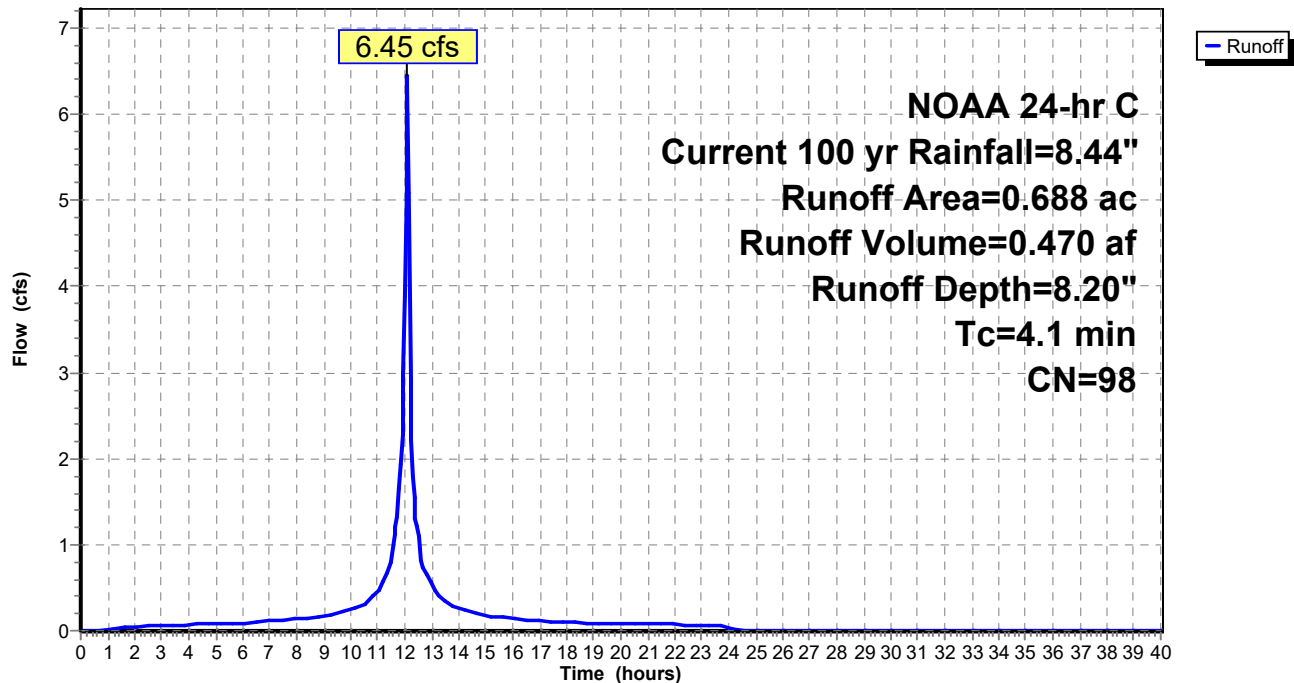
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.136	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.038	98	Concrete, HSC C
0.688	98	Weighted Average
0.688		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 41I: PDA-41 (impervious)

Hydrograph



Hydrograph for Subcatchment 41I: PDA-41 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.06
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.06
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.06
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.06
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.06
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.06
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.06
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.06
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.06
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.06
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.06
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.06
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.06
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.06
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.07
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.07
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.07
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.07
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.07
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.07
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.07
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.07
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.07
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.07
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.07
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.07
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.07
1.40	0.13	0.03	0.03	4.00	0.41	0.24	0.07
1.45	0.14	0.03	0.03	4.05	0.42	0.25	0.07
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.07
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.07
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.07
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.07
1.70	0.16	0.04	0.04	4.30	0.45	0.27	0.08
1.75	0.17	0.05	0.04	4.35	0.46	0.28	0.08
1.80	0.17	0.05	0.04	4.40	0.46	0.28	0.08
1.85	0.18	0.05	0.04	4.45	0.47	0.29	0.08
1.90	0.18	0.06	0.04	4.50	0.47	0.29	0.08
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.08
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.08
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.08
2.10	0.20	0.07	0.05	4.70	0.50	0.32	0.08
2.15	0.21	0.07	0.05	4.75	0.51	0.32	0.08
2.20	0.21	0.08	0.05	4.80	0.51	0.33	0.08
2.25	0.22	0.08	0.05	4.85	0.52	0.33	0.08
2.30	0.22	0.09	0.05	4.90	0.52	0.34	0.08
2.35	0.23	0.09	0.05	4.95	0.53	0.35	0.08
2.40	0.23	0.09	0.05	5.00	0.54	0.35	0.08
2.45	0.24	0.10	0.05	5.05	0.54	0.36	0.08
2.50	0.24	0.10	0.05	5.10	0.55	0.36	0.08
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.08

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.08	7.80	0.97	0.76	0.13
5.25	0.57	0.38	0.08	7.85	0.98	0.77	0.13
5.30	0.58	0.39	0.08	7.90	0.99	0.78	0.13
5.35	0.58	0.39	0.08	7.95	1.00	0.79	0.14
5.40	0.59	0.40	0.08	8.00	1.01	0.80	0.14
5.45	0.60	0.41	0.08	8.05	1.02	0.81	0.14
5.50	0.60	0.41	0.08	8.10	1.03	0.82	0.14
5.55	0.61	0.42	0.09	8.15	1.04	0.83	0.14
5.60	0.62	0.42	0.09	8.20	1.05	0.84	0.14
5.65	0.62	0.43	0.09	8.25	1.06	0.85	0.14
5.70	0.63	0.44	0.09	8.30	1.07	0.86	0.14
5.75	0.64	0.44	0.09	8.35	1.08	0.87	0.14
5.80	0.64	0.45	0.09	8.40	1.10	0.88	0.15
5.85	0.65	0.45	0.09	8.45	1.11	0.89	0.15
5.90	0.66	0.46	0.09	8.50	1.12	0.91	0.15
5.95	0.66	0.47	0.09	8.55	1.13	0.92	0.15
6.00	0.67	0.47	0.09	8.60	1.14	0.93	0.15
6.05	0.68	0.48	0.09	8.65	1.15	0.94	0.15
6.10	0.68	0.49	0.09	8.70	1.16	0.95	0.15
6.15	0.69	0.49	0.09	8.75	1.17	0.96	0.15
6.20	0.70	0.50	0.09	8.80	1.19	0.97	0.16
6.25	0.70	0.51	0.09	8.85	1.20	0.98	0.16
6.30	0.71	0.51	0.10	8.90	1.21	0.99	0.16
6.35	0.72	0.52	0.10	8.95	1.22	1.01	0.16
6.40	0.73	0.53	0.10	9.00	1.23	1.02	0.16
6.45	0.73	0.54	0.10	9.05	1.25	1.03	0.16
6.50	0.74	0.54	0.10	9.10	1.26	1.04	0.17
6.55	0.75	0.55	0.10	9.15	1.27	1.05	0.17
6.60	0.76	0.56	0.10	9.20	1.28	1.07	0.18
6.65	0.77	0.57	0.10	9.25	1.30	1.08	0.18
6.70	0.77	0.57	0.11	9.30	1.31	1.09	0.19
6.75	0.78	0.58	0.11	9.35	1.33	1.11	0.19
6.80	0.79	0.59	0.11	9.40	1.34	1.12	0.19
6.85	0.80	0.60	0.11	9.45	1.35	1.14	0.20
6.90	0.81	0.60	0.11	9.50	1.37	1.15	0.20
6.95	0.81	0.61	0.11	9.55	1.39	1.17	0.21
7.00	0.82	0.62	0.11	9.60	1.40	1.18	0.21
7.05	0.83	0.63	0.11	9.65	1.42	1.20	0.22
7.10	0.84	0.64	0.11	9.70	1.43	1.21	0.22
7.15	0.85	0.65	0.12	9.75	1.45	1.23	0.22
7.20	0.86	0.65	0.12	9.80	1.47	1.25	0.23
7.25	0.87	0.66	0.12	9.85	1.49	1.27	0.23
7.30	0.88	0.67	0.12	9.90	1.50	1.28	0.24
7.35	0.89	0.68	0.12	9.95	1.52	1.30	0.24
7.40	0.89	0.69	0.12	10.00	1.54	1.32	0.25
7.45	0.90	0.70	0.12	10.05	1.56	1.34	0.25
7.50	0.91	0.71	0.12	10.10	1.58	1.36	0.26
7.55	0.92	0.72	0.13	10.15	1.60	1.37	0.26
7.60	0.93	0.73	0.13	10.20	1.62	1.39	0.27
7.65	0.94	0.73	0.13	10.25	1.64	1.41	0.27
7.70	0.95	0.74	0.13	10.30	1.66	1.43	0.27
7.75	0.96	0.75	0.13	10.35	1.68	1.45	0.28

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.28	13.00	6.41	6.18	0.53
10.45	1.72	1.50	0.29	13.05	6.45	6.21	0.50
10.50	1.74	1.52	0.29	13.10	6.48	6.24	0.47
10.55	1.76	1.54	0.31	13.15	6.51	6.27	0.45
10.60	1.79	1.56	0.32	13.20	6.54	6.30	0.43
10.65	1.81	1.59	0.34	13.25	6.57	6.33	0.42
10.70	1.84	1.62	0.36	13.30	6.60	6.36	0.40
10.75	1.87	1.64	0.37	13.35	6.63	6.39	0.38
10.80	1.90	1.67	0.39	13.40	6.65	6.41	0.37
10.85	1.93	1.70	0.40	13.45	6.68	6.44	0.35
10.90	1.96	1.73	0.42	13.50	6.70	6.46	0.33
10.95	1.99	1.77	0.44	13.55	6.72	6.48	0.32
11.00	2.03	1.80	0.46	13.60	6.74	6.50	0.30
11.05	2.06	1.84	0.48	13.65	6.76	6.53	0.29
11.10	2.10	1.87	0.51	13.70	6.78	6.55	0.29
11.15	2.14	1.92	0.54	13.75	6.80	6.57	0.28
11.20	2.19	1.96	0.58	13.80	6.82	6.59	0.28
11.25	2.23	2.01	0.61	13.85	6.84	6.61	0.27
11.30	2.28	2.05	0.64	13.90	6.86	6.62	0.27
11.35	2.33	2.10	0.67	13.95	6.88	6.64	0.27
11.40	2.38	2.16	0.70	14.00	6.90	6.66	0.26
11.45	2.44	2.21	0.73	14.05	6.92	6.68	0.26
11.50	2.49	2.26	0.76	14.10	6.94	6.70	0.25
11.55	2.58	2.35	0.92	14.15	6.95	6.72	0.25
11.60	2.66	2.43	1.12	14.20	6.97	6.73	0.24
11.65	2.75	2.52	1.19	14.25	6.99	6.75	0.24
11.70	2.84	2.61	1.23	14.30	7.01	6.77	0.24
11.75	2.97	2.74	1.41	14.35	7.02	6.78	0.23
11.80	3.09	2.86	1.65	14.40	7.04	6.80	0.23
11.85	3.26	3.03	1.94	14.45	7.05	6.82	0.22
11.90	3.43	3.20	2.29	14.50	7.07	6.83	0.22
11.95	3.73	3.49	3.00	14.55	7.09	6.85	0.21
12.00	4.02	3.79	3.88	14.60	7.10	6.86	0.21
12.05	4.52	4.28	5.08	14.65	7.11	6.88	0.20
12.10	5.01	4.77	6.45	14.70	7.13	6.89	0.20
12.15	5.18	4.94	5.09	14.75	7.14	6.90	0.20
12.20	5.35	5.11	2.92	14.80	7.16	6.92	0.19
12.25	5.47	5.24	2.21	14.85	7.17	6.93	0.19
12.30	5.60	5.36	1.80	14.90	7.18	6.94	0.18
12.35	5.69	5.45	1.55	14.95	7.19	6.96	0.18
12.40	5.78	5.54	1.30	15.00	7.21	6.97	0.17
12.45	5.86	5.62	1.23	15.05	7.22	6.98	0.17
12.50	5.95	5.71	1.19	15.10	7.23	6.99	0.17
12.55	6.00	5.76	1.03	15.15	7.24	7.00	0.16
12.60	6.06	5.82	0.82	15.20	7.25	7.02	0.16
12.65	6.11	5.87	0.75	15.25	7.27	7.03	0.16
12.70	6.16	5.92	0.72	15.30	7.28	7.04	0.16
12.75	6.21	5.97	0.69	15.35	7.29	7.05	0.16
12.80	6.25	6.02	0.66	15.40	7.30	7.06	0.16
12.85	6.30	6.06	0.63	15.45	7.31	7.07	0.16
12.90	6.34	6.10	0.60	15.50	7.32	7.08	0.15
12.95	6.38	6.14	0.57	15.55	7.33	7.09	0.15

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.15	18.20	7.80	7.56	0.09
15.65	7.36	7.12	0.15	18.25	7.80	7.57	0.09
15.70	7.37	7.13	0.15	18.30	7.81	7.57	0.09
15.75	7.38	7.14	0.15	18.35	7.82	7.58	0.09
15.80	7.39	7.15	0.15	18.40	7.82	7.59	0.09
15.85	7.40	7.16	0.15	18.45	7.83	7.59	0.09
15.90	7.41	7.17	0.15	18.50	7.84	7.60	0.09
15.95	7.42	7.18	0.14	18.55	7.84	7.61	0.09
16.00	7.43	7.19	0.14	18.60	7.85	7.61	0.09
16.05	7.44	7.20	0.14	18.65	7.86	7.62	0.09
16.10	7.45	7.21	0.14	18.70	7.86	7.62	0.09
16.15	7.46	7.22	0.14	18.75	7.87	7.63	0.09
16.20	7.47	7.23	0.14	18.80	7.88	7.64	0.09
16.25	7.48	7.24	0.14	18.85	7.88	7.64	0.09
16.30	7.49	7.25	0.14	18.90	7.89	7.65	0.09
16.35	7.50	7.26	0.14	18.95	7.90	7.66	0.09
16.40	7.51	7.27	0.13	19.00	7.90	7.66	0.09
16.45	7.52	7.28	0.13	19.05	7.91	7.67	0.09
16.50	7.53	7.29	0.13	19.10	7.92	7.68	0.09
16.55	7.54	7.30	0.13	19.15	7.92	7.68	0.09
16.60	7.55	7.31	0.13	19.20	7.93	7.69	0.09
16.65	7.55	7.32	0.13	19.25	7.93	7.70	0.09
16.70	7.56	7.32	0.13	19.30	7.94	7.70	0.09
16.75	7.57	7.33	0.13	19.35	7.95	7.71	0.09
16.80	7.58	7.34	0.12	19.40	7.95	7.71	0.09
16.85	7.59	7.35	0.12	19.45	7.96	7.72	0.09
16.90	7.60	7.36	0.12	19.50	7.97	7.73	0.09
16.95	7.61	7.37	0.12	19.55	7.97	7.73	0.09
17.00	7.62	7.38	0.12	19.60	7.98	7.74	0.09
17.05	7.63	7.39	0.12	19.65	7.98	7.74	0.09
17.10	7.63	7.39	0.12	19.70	7.99	7.75	0.08
17.15	7.64	7.40	0.12	19.75	8.00	7.76	0.08
17.20	7.65	7.41	0.12	19.80	8.00	7.76	0.08
17.25	7.66	7.42	0.11	19.85	8.01	7.77	0.08
17.30	7.67	7.43	0.11	19.90	8.01	7.78	0.08
17.35	7.67	7.43	0.11	19.95	8.02	7.78	0.08
17.40	7.68	7.44	0.11	20.00	8.03	7.79	0.08
17.45	7.69	7.45	0.11	20.05	8.03	7.79	0.08
17.50	7.70	7.46	0.11	20.10	8.04	7.80	0.08
17.55	7.71	7.47	0.11	20.15	8.04	7.80	0.08
17.60	7.71	7.47	0.11	20.20	8.05	7.81	0.08
17.65	7.72	7.48	0.11	20.25	8.06	7.82	0.08
17.70	7.73	7.49	0.10	20.30	8.06	7.82	0.08
17.75	7.74	7.50	0.10	20.35	8.07	7.83	0.08
17.80	7.74	7.50	0.10	20.40	8.07	7.83	0.08
17.85	7.75	7.51	0.10	20.45	8.08	7.84	0.08
17.90	7.76	7.52	0.10	20.50	8.09	7.85	0.08
17.95	7.76	7.52	0.10	20.55	8.09	7.85	0.08
18.00	7.77	7.53	0.10	20.60	8.10	7.86	0.08
18.05	7.78	7.54	0.10	20.65	8.10	7.86	0.08
18.10	7.78	7.55	0.09	20.70	8.11	7.87	0.08
18.15	7.79	7.55	0.09	20.75	8.11	7.87	0.08

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.08	23.40	8.38	8.14	0.06
20.85	8.13	7.89	0.08	23.45	8.39	8.15	0.06
20.90	8.13	7.89	0.08	23.50	8.39	8.15	0.06
20.95	8.14	7.90	0.08	23.55	8.40	8.16	0.06
21.00	8.14	7.90	0.08	23.60	8.40	8.16	0.06
21.05	8.15	7.91	0.08	23.65	8.41	8.17	0.06
21.10	8.15	7.91	0.08	23.70	8.41	8.17	0.06
21.15	8.16	7.92	0.08	23.75	8.42	8.18	0.06
21.20	8.16	7.92	0.08	23.80	8.42	8.18	0.06
21.25	8.17	7.93	0.08	23.85	8.42	8.18	0.06
21.30	8.18	7.94	0.08	23.90	8.43	8.19	0.06
21.35	8.18	7.94	0.08	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.08	24.00	8.44	8.20	0.07
21.45	8.19	7.95	0.07	24.05	8.44	8.20	0.05
21.50	8.20	7.96	0.07	24.10	8.44	8.20	0.01
21.55	8.20	7.96	0.07	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.07	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.07	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.07	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.07	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.07	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.07	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.07	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.07	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.07	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.07	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.07	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.07	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.07	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.07	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.07	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.07	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.07	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.07	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.07	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.07	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.07	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.07	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.07	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.07	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.07	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.07	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.07	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.07	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.07	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.07	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.07	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.06	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.06	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.06	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.06	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.06	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 41P: PDA-41 (pervious)

Runoff = 12.83 cfs @ 12.06 hrs, Volume= 0.745 af, Depth= 5.32"
 Routed to Pond B-41 : Basin #41

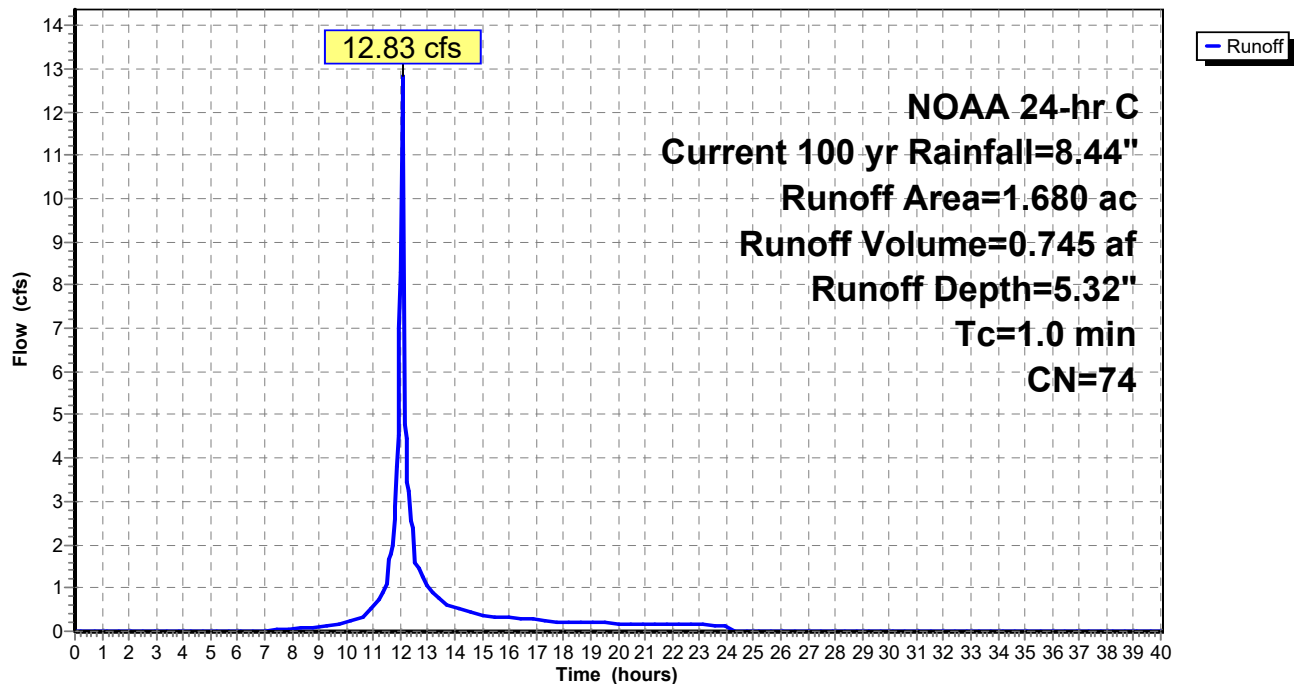
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.680	74	>75% Grass cover, Good, HSG C
1.680		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 41P: PDA-41 (pervious)

Hydrograph



Hydrograph for Subcatchment 41P: PDA-41 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.05
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.05
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.05
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.05
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.06
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.06
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.06
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.06
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.07
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.07
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.07
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.07
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.08
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.08
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.08
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.08
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.09
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.09
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.09
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.09
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.10
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.10
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.10
6.50	0.74	0.00	0.01	9.10	1.26	0.08	0.11
6.55	0.75	0.00	0.01	9.15	1.27	0.08	0.11
6.60	0.76	0.00	0.01	9.20	1.28	0.08	0.12
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.12
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.13
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.13
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.14
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.15
6.90	0.81	0.00	0.02	9.50	1.37	0.11	0.15
6.95	0.81	0.00	0.02	9.55	1.39	0.11	0.16
7.00	0.82	0.00	0.02	9.60	1.40	0.12	0.16
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.17
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.17
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.18
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.19
7.25	0.87	0.01	0.03	9.85	1.49	0.14	0.20
7.30	0.88	0.01	0.03	9.90	1.50	0.15	0.20
7.35	0.89	0.01	0.03	9.95	1.52	0.15	0.21
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.21
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.22
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.23
7.55	0.92	0.01	0.04	10.15	1.60	0.18	0.24
7.60	0.93	0.01	0.04	10.20	1.62	0.19	0.24
7.65	0.94	0.02	0.04	10.25	1.64	0.20	0.25
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.26
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.27

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.28	13.00	6.41	3.54	1.07
10.45	1.72	0.23	0.29	13.05	6.45	3.57	0.97
10.50	1.74	0.24	0.30	13.10	6.48	3.59	0.96
10.55	1.76	0.25	0.33	13.15	6.51	3.62	0.90
10.60	1.79	0.26	0.34	13.20	6.54	3.65	0.89
10.65	1.81	0.27	0.37	13.25	6.57	3.67	0.83
10.70	1.84	0.28	0.39	13.30	6.60	3.70	0.82
10.75	1.87	0.29	0.42	13.35	6.63	3.72	0.76
10.80	1.90	0.30	0.43	13.40	6.65	3.74	0.75
10.85	1.93	0.32	0.47	13.45	6.68	3.76	0.70
10.90	1.96	0.33	0.49	13.50	6.70	3.78	0.68
10.95	1.99	0.35	0.52	13.55	6.72	3.80	0.63
11.00	2.03	0.36	0.55	13.60	6.74	3.82	0.62
11.05	2.06	0.38	0.61	13.65	6.76	3.84	0.61
11.10	2.10	0.40	0.64	13.70	6.78	3.85	0.60
11.15	2.14	0.42	0.71	13.75	6.80	3.87	0.59
11.20	2.19	0.44	0.74	13.80	6.82	3.89	0.59
11.25	2.23	0.46	0.82	13.85	6.84	3.91	0.57
11.30	2.28	0.49	0.85	13.90	6.86	3.92	0.57
11.35	2.33	0.52	0.93	13.95	6.88	3.94	0.55
11.40	2.38	0.54	0.96	14.00	6.90	3.96	0.55
11.45	2.44	0.57	1.02	14.05	6.92	3.97	0.53
11.50	2.49	0.60	1.16	14.10	6.94	3.99	0.53
11.55	2.58	0.65	1.64	14.15	6.95	4.00	0.52
11.60	2.66	0.70	1.71	14.20	6.97	4.02	0.51
11.65	2.75	0.76	1.82	14.25	6.99	4.03	0.50
11.70	2.84	0.81	2.00	14.30	7.01	4.05	0.49
11.75	2.97	0.89	2.60	14.35	7.02	4.06	0.48
11.80	3.09	0.97	2.89	14.40	7.04	4.08	0.48
11.85	3.26	1.08	3.80	14.45	7.05	4.09	0.46
11.90	3.43	1.19	4.52	14.50	7.07	4.10	0.46
11.95	3.73	1.40	6.99	14.55	7.09	4.12	0.44
12.00	4.02	1.61	8.29	14.60	7.10	4.13	0.44
12.05	4.52	1.98	12.61	14.65	7.11	4.14	0.43
12.10	5.01	2.37	11.39	14.70	7.13	4.15	0.42
12.15	5.18	2.51	4.77	14.75	7.14	4.17	0.41
12.20	5.35	2.65	4.43	14.80	7.16	4.18	0.40
12.25	5.47	2.75	3.43	14.85	7.17	4.19	0.39
12.30	5.60	2.85	3.25	14.90	7.18	4.20	0.38
12.35	5.69	2.92	2.53	14.95	7.19	4.21	0.37
12.40	5.78	3.00	2.50	15.00	7.21	4.22	0.37
12.45	5.86	3.07	2.42	15.05	7.22	4.23	0.35
12.50	5.95	3.14	2.25	15.10	7.23	4.24	0.35
12.55	6.00	3.19	1.58	15.15	7.24	4.25	0.35
12.60	6.06	3.23	1.55	15.20	7.25	4.26	0.35
12.65	6.11	3.28	1.48	15.25	7.27	4.27	0.34
12.70	6.16	3.32	1.45	15.30	7.28	4.28	0.34
12.75	6.21	3.36	1.35	15.35	7.29	4.29	0.34
12.80	6.25	3.40	1.33	15.40	7.30	4.30	0.34
12.85	6.30	3.44	1.23	15.45	7.31	4.31	0.33
12.90	6.34	3.47	1.20	15.50	7.32	4.32	0.33
12.95	6.38	3.50	1.10	15.55	7.33	4.33	0.33

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.33	18.20	7.80	4.75	0.20
15.65	7.36	4.35	0.32	18.25	7.80	4.75	0.20
15.70	7.37	4.36	0.32	18.30	7.81	4.76	0.20
15.75	7.38	4.37	0.32	18.35	7.82	4.76	0.20
15.80	7.39	4.38	0.32	18.40	7.82	4.77	0.20
15.85	7.40	4.39	0.31	18.45	7.83	4.78	0.20
15.90	7.41	4.40	0.31	18.50	7.84	4.78	0.20
15.95	7.42	4.41	0.31	18.55	7.84	4.79	0.20
16.00	7.43	4.42	0.31	18.60	7.85	4.79	0.20
16.05	7.44	4.43	0.30	18.65	7.86	4.80	0.20
16.10	7.45	4.44	0.30	18.70	7.86	4.80	0.20
16.15	7.46	4.44	0.30	18.75	7.87	4.81	0.20
16.20	7.47	4.45	0.30	18.80	7.88	4.82	0.20
16.25	7.48	4.46	0.29	18.85	7.88	4.82	0.20
16.30	7.49	4.47	0.29	18.90	7.89	4.83	0.19
16.35	7.50	4.48	0.29	18.95	7.90	4.83	0.19
16.40	7.51	4.49	0.29	19.00	7.90	4.84	0.19
16.45	7.52	4.50	0.28	19.05	7.91	4.84	0.19
16.50	7.53	4.50	0.28	19.10	7.92	4.85	0.19
16.55	7.54	4.51	0.28	19.15	7.92	4.86	0.19
16.60	7.55	4.52	0.28	19.20	7.93	4.86	0.19
16.65	7.55	4.53	0.27	19.25	7.93	4.87	0.19
16.70	7.56	4.54	0.27	19.30	7.94	4.87	0.19
16.75	7.57	4.55	0.27	19.35	7.95	4.88	0.19
16.80	7.58	4.55	0.27	19.40	7.95	4.88	0.19
16.85	7.59	4.56	0.26	19.45	7.96	4.89	0.19
16.90	7.60	4.57	0.26	19.50	7.97	4.90	0.19
16.95	7.61	4.58	0.26	19.55	7.97	4.90	0.19
17.00	7.62	4.58	0.26	19.60	7.98	4.91	0.19
17.05	7.63	4.59	0.25	19.65	7.98	4.91	0.19
17.10	7.63	4.60	0.25	19.70	7.99	4.92	0.19
17.15	7.64	4.61	0.25	19.75	8.00	4.92	0.19
17.20	7.65	4.61	0.25	19.80	8.00	4.93	0.18
17.25	7.66	4.62	0.24	19.85	8.01	4.93	0.18
17.30	7.67	4.63	0.24	19.90	8.01	4.94	0.18
17.35	7.67	4.64	0.24	19.95	8.02	4.94	0.18
17.40	7.68	4.64	0.24	20.00	8.03	4.95	0.18
17.45	7.69	4.65	0.23	20.05	8.03	4.96	0.18
17.50	7.70	4.66	0.23	20.10	8.04	4.96	0.18
17.55	7.71	4.66	0.23	20.15	8.04	4.97	0.18
17.60	7.71	4.67	0.23	20.20	8.05	4.97	0.18
17.65	7.72	4.68	0.22	20.25	8.06	4.98	0.18
17.70	7.73	4.68	0.22	20.30	8.06	4.98	0.18
17.75	7.74	4.69	0.22	20.35	8.07	4.99	0.18
17.80	7.74	4.70	0.22	20.40	8.07	4.99	0.18
17.85	7.75	4.70	0.21	20.45	8.08	5.00	0.18
17.90	7.76	4.71	0.21	20.50	8.09	5.00	0.18
17.95	7.76	4.72	0.21	20.55	8.09	5.01	0.18
18.00	7.77	4.72	0.21	20.60	8.10	5.01	0.18
18.05	7.78	4.73	0.20	20.65	8.10	5.02	0.17
18.10	7.78	4.73	0.20	20.70	8.11	5.02	0.17
18.15	7.79	4.74	0.20	20.75	8.11	5.03	0.17

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.17	23.40	8.38	5.27	0.14
20.85	8.13	5.04	0.17	23.45	8.39	5.28	0.14
20.90	8.13	5.04	0.17	23.50	8.39	5.28	0.14
20.95	8.14	5.05	0.17	23.55	8.40	5.28	0.14
21.00	8.14	5.05	0.17	23.60	8.40	5.29	0.14
21.05	8.15	5.06	0.17	23.65	8.41	5.29	0.14
21.10	8.15	5.06	0.17	23.70	8.41	5.30	0.14
21.15	8.16	5.07	0.17	23.75	8.42	5.30	0.13
21.20	8.16	5.07	0.17	23.80	8.42	5.30	0.13
21.25	8.17	5.08	0.17	23.85	8.42	5.31	0.13
21.30	8.18	5.08	0.17	23.90	8.43	5.31	0.14
21.35	8.18	5.09	0.16	23.95	8.43	5.32	0.16
21.40	8.19	5.09	0.16	24.00	8.44	5.32	0.13
21.45	8.19	5.10	0.16	24.05	8.44	5.32	0.00
21.50	8.20	5.10	0.16	24.10	8.44	5.32	0.00
21.55	8.20	5.11	0.16	24.15	8.44	5.32	0.00
21.60	8.21	5.11	0.16	24.20	8.44	5.32	0.00
21.65	8.21	5.12	0.16	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.16	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.16	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.16	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.16	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.16	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.16	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.16	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.16	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.16	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.16	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.16	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.15	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.15	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.15	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.15	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.15	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.15	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.15	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.15	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.15	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.15	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.15	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.15	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.15	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.15	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.15	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.15	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.14	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.14	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.14	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.14	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.14	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.14	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.14	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 42I: PDA-42 (impervious)

Runoff = 2.96 cfs @ 12.07 hrs, Volume= 0.204 af, Depth= 8.20"
 Routed to Pond B-42 : Basin #42

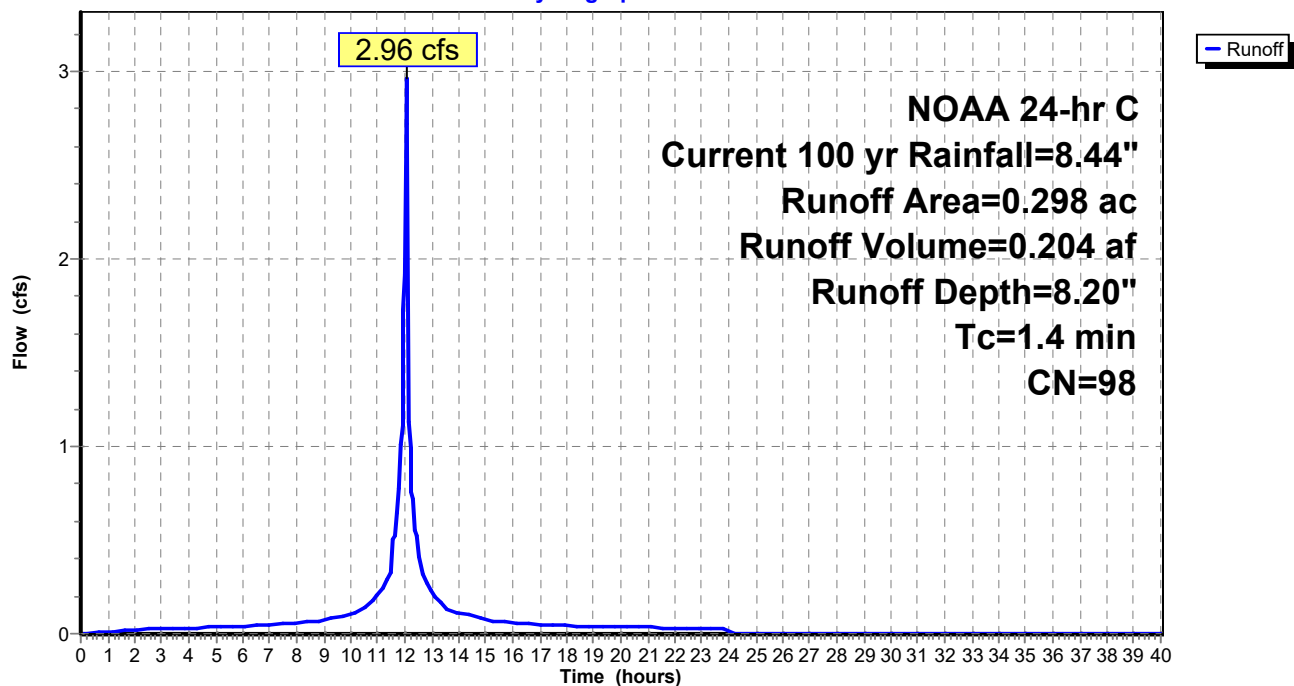
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.298	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.298	98	Weighted Average
0.298		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42I: PDA-42 (impervious)

Hydrograph



Hydrograph for Subcatchment 42I: PDA-42 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.02
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.02
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.03
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.03
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.03
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.03
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.03
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.03
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.03
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.03
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.03
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.03
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.03
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.03
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.03
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.03
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.03
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.03
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.03
0.95	0.09	0.01	0.01	3.55	0.36	0.19	0.03
1.00	0.09	0.01	0.01	3.60	0.37	0.20	0.03
1.05	0.10	0.01	0.01	3.65	0.37	0.20	0.03
1.10	0.10	0.01	0.01	3.70	0.38	0.21	0.03
1.15	0.11	0.02	0.01	3.75	0.38	0.21	0.03
1.20	0.11	0.02	0.01	3.80	0.39	0.22	0.03
1.25	0.12	0.02	0.01	3.85	0.40	0.22	0.03
1.30	0.12	0.02	0.01	3.90	0.40	0.23	0.03
1.35	0.13	0.02	0.01	3.95	0.41	0.24	0.03
1.40	0.13	0.03	0.01	4.00	0.41	0.24	0.03
1.45	0.14	0.03	0.02	4.05	0.42	0.25	0.03
1.50	0.14	0.03	0.02	4.10	0.43	0.25	0.03
1.55	0.15	0.04	0.02	4.15	0.43	0.26	0.03
1.60	0.15	0.04	0.02	4.20	0.44	0.26	0.03
1.65	0.16	0.04	0.02	4.25	0.44	0.27	0.03
1.70	0.16	0.04	0.02	4.30	0.45	0.27	0.03
1.75	0.17	0.05	0.02	4.35	0.46	0.28	0.03
1.80	0.17	0.05	0.02	4.40	0.46	0.28	0.03
1.85	0.18	0.05	0.02	4.45	0.47	0.29	0.03
1.90	0.18	0.06	0.02	4.50	0.47	0.29	0.03
1.95	0.19	0.06	0.02	4.55	0.48	0.30	0.03
2.00	0.19	0.06	0.02	4.60	0.49	0.31	0.03
2.05	0.20	0.07	0.02	4.65	0.49	0.31	0.03
2.10	0.20	0.07	0.02	4.70	0.50	0.32	0.03
2.15	0.21	0.07	0.02	4.75	0.51	0.32	0.03
2.20	0.21	0.08	0.02	4.80	0.51	0.33	0.03
2.25	0.22	0.08	0.02	4.85	0.52	0.33	0.03
2.30	0.22	0.09	0.02	4.90	0.52	0.34	0.03
2.35	0.23	0.09	0.02	4.95	0.53	0.35	0.03
2.40	0.23	0.09	0.02	5.00	0.54	0.35	0.04
2.45	0.24	0.10	0.02	5.05	0.54	0.36	0.04
2.50	0.24	0.10	0.02	5.10	0.55	0.36	0.04
2.55	0.25	0.10	0.02	5.15	0.56	0.37	0.04

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.04	7.80	0.97	0.76	0.06
5.25	0.57	0.38	0.04	7.85	0.98	0.77	0.06
5.30	0.58	0.39	0.04	7.90	0.99	0.78	0.06
5.35	0.58	0.39	0.04	7.95	1.00	0.79	0.06
5.40	0.59	0.40	0.04	8.00	1.01	0.80	0.06
5.45	0.60	0.41	0.04	8.05	1.02	0.81	0.06
5.50	0.60	0.41	0.04	8.10	1.03	0.82	0.06
5.55	0.61	0.42	0.04	8.15	1.04	0.83	0.06
5.60	0.62	0.42	0.04	8.20	1.05	0.84	0.06
5.65	0.62	0.43	0.04	8.25	1.06	0.85	0.06
5.70	0.63	0.44	0.04	8.30	1.07	0.86	0.06
5.75	0.64	0.44	0.04	8.35	1.08	0.87	0.06
5.80	0.64	0.45	0.04	8.40	1.10	0.88	0.06
5.85	0.65	0.45	0.04	8.45	1.11	0.89	0.06
5.90	0.66	0.46	0.04	8.50	1.12	0.91	0.06
5.95	0.66	0.47	0.04	8.55	1.13	0.92	0.07
6.00	0.67	0.47	0.04	8.60	1.14	0.93	0.07
6.05	0.68	0.48	0.04	8.65	1.15	0.94	0.07
6.10	0.68	0.49	0.04	8.70	1.16	0.95	0.07
6.15	0.69	0.49	0.04	8.75	1.17	0.96	0.07
6.20	0.70	0.50	0.04	8.80	1.19	0.97	0.07
6.25	0.70	0.51	0.04	8.85	1.20	0.98	0.07
6.30	0.71	0.51	0.04	8.90	1.21	0.99	0.07
6.35	0.72	0.52	0.04	8.95	1.22	1.01	0.07
6.40	0.73	0.53	0.04	9.00	1.23	1.02	0.07
6.45	0.73	0.54	0.04	9.05	1.25	1.03	0.07
6.50	0.74	0.54	0.04	9.10	1.26	1.04	0.07
6.55	0.75	0.55	0.04	9.15	1.27	1.05	0.08
6.60	0.76	0.56	0.04	9.20	1.28	1.07	0.08
6.65	0.77	0.57	0.05	9.25	1.30	1.08	0.08
6.70	0.77	0.57	0.05	9.30	1.31	1.09	0.08
6.75	0.78	0.58	0.05	9.35	1.33	1.11	0.08
6.80	0.79	0.59	0.05	9.40	1.34	1.12	0.09
6.85	0.80	0.60	0.05	9.45	1.35	1.14	0.09
6.90	0.81	0.60	0.05	9.50	1.37	1.15	0.09
6.95	0.81	0.61	0.05	9.55	1.39	1.17	0.09
7.00	0.82	0.62	0.05	9.60	1.40	1.18	0.09
7.05	0.83	0.63	0.05	9.65	1.42	1.20	0.10
7.10	0.84	0.64	0.05	9.70	1.43	1.21	0.10
7.15	0.85	0.65	0.05	9.75	1.45	1.23	0.10
7.20	0.86	0.65	0.05	9.80	1.47	1.25	0.10
7.25	0.87	0.66	0.05	9.85	1.49	1.27	0.10
7.30	0.88	0.67	0.05	9.90	1.50	1.28	0.10
7.35	0.89	0.68	0.05	9.95	1.52	1.30	0.11
7.40	0.89	0.69	0.05	10.00	1.54	1.32	0.11
7.45	0.90	0.70	0.05	10.05	1.56	1.34	0.11
7.50	0.91	0.71	0.05	10.10	1.58	1.36	0.11
7.55	0.92	0.72	0.05	10.15	1.60	1.37	0.12
7.60	0.93	0.73	0.05	10.20	1.62	1.39	0.12
7.65	0.94	0.73	0.06	10.25	1.64	1.41	0.12
7.70	0.95	0.74	0.06	10.30	1.66	1.43	0.12
7.75	0.96	0.75	0.06	10.35	1.68	1.45	0.12

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.12	13.00	6.41	6.18	0.22
10.45	1.72	1.50	0.13	13.05	6.45	6.21	0.20
10.50	1.74	1.52	0.13	13.10	6.48	6.24	0.20
10.55	1.76	1.54	0.14	13.15	6.51	6.27	0.19
10.60	1.79	1.56	0.14	13.20	6.54	6.30	0.18
10.65	1.81	1.59	0.15	13.25	6.57	6.33	0.17
10.70	1.84	1.62	0.16	13.30	6.60	6.36	0.17
10.75	1.87	1.64	0.17	13.35	6.63	6.39	0.16
10.80	1.90	1.67	0.17	13.40	6.65	6.41	0.16
10.85	1.93	1.70	0.18	13.45	6.68	6.44	0.14
10.90	1.96	1.73	0.19	13.50	6.70	6.46	0.14
10.95	1.99	1.77	0.20	13.55	6.72	6.48	0.13
11.00	2.03	1.80	0.20	13.60	6.74	6.50	0.13
11.05	2.06	1.84	0.22	13.65	6.76	6.53	0.12
11.10	2.10	1.87	0.23	13.70	6.78	6.55	0.12
11.15	2.14	1.92	0.25	13.75	6.80	6.57	0.12
11.20	2.19	1.96	0.26	13.80	6.82	6.59	0.12
11.25	2.23	2.01	0.28	13.85	6.84	6.61	0.12
11.30	2.28	2.05	0.28	13.90	6.86	6.62	0.12
11.35	2.33	2.10	0.31	13.95	6.88	6.64	0.11
11.40	2.38	2.16	0.31	14.00	6.90	6.66	0.11
11.45	2.44	2.21	0.33	14.05	6.92	6.68	0.11
11.50	2.49	2.26	0.35	14.10	6.94	6.70	0.11
11.55	2.58	2.35	0.50	14.15	6.95	6.72	0.11
11.60	2.66	2.43	0.51	14.20	6.97	6.73	0.10
11.65	2.75	2.52	0.54	14.25	6.99	6.75	0.10
11.70	2.84	2.61	0.56	14.30	7.01	6.77	0.10
11.75	2.97	2.74	0.73	14.35	7.02	6.78	0.10
11.80	3.09	2.86	0.77	14.40	7.04	6.80	0.10
11.85	3.26	3.03	1.01	14.45	7.05	6.82	0.09
11.90	3.43	3.20	1.11	14.50	7.07	6.83	0.09
11.95	3.73	3.49	1.73	14.55	7.09	6.85	0.09
12.00	4.02	3.79	1.91	14.60	7.10	6.86	0.09
12.05	4.52	4.28	2.89	14.65	7.11	6.88	0.09
12.10	5.01	4.77	2.72	14.70	7.13	6.89	0.09
12.15	5.18	4.94	1.13	14.75	7.14	6.90	0.08
12.20	5.35	5.11	0.99	14.80	7.16	6.92	0.08
12.25	5.47	5.24	0.75	14.85	7.17	6.93	0.08
12.30	5.60	5.36	0.71	14.90	7.18	6.94	0.08
12.35	5.69	5.45	0.55	14.95	7.19	6.96	0.07
12.40	5.78	5.54	0.54	15.00	7.21	6.97	0.07
12.45	5.86	5.62	0.51	15.05	7.22	6.98	0.07
12.50	5.95	5.71	0.49	15.10	7.23	6.99	0.07
12.55	6.00	5.76	0.34	15.15	7.24	7.00	0.07
12.60	6.06	5.82	0.33	15.20	7.25	7.02	0.07
12.65	6.11	5.87	0.31	15.25	7.27	7.03	0.07
12.70	6.16	5.92	0.31	15.30	7.28	7.04	0.07
12.75	6.21	5.97	0.28	15.35	7.29	7.05	0.07
12.80	6.25	6.02	0.28	15.40	7.30	7.06	0.07
12.85	6.30	6.06	0.26	15.45	7.31	7.07	0.07
12.90	6.34	6.10	0.25	15.50	7.32	7.08	0.07
12.95	6.38	6.14	0.23	15.55	7.33	7.09	0.07

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.07	18.20	7.80	7.56	0.04
15.65	7.36	7.12	0.06	18.25	7.80	7.57	0.04
15.70	7.37	7.13	0.06	18.30	7.81	7.57	0.04
15.75	7.38	7.14	0.06	18.35	7.82	7.58	0.04
15.80	7.39	7.15	0.06	18.40	7.82	7.59	0.04
15.85	7.40	7.16	0.06	18.45	7.83	7.59	0.04
15.90	7.41	7.17	0.06	18.50	7.84	7.60	0.04
15.95	7.42	7.18	0.06	18.55	7.84	7.61	0.04
16.00	7.43	7.19	0.06	18.60	7.85	7.61	0.04
16.05	7.44	7.20	0.06	18.65	7.86	7.62	0.04
16.10	7.45	7.21	0.06	18.70	7.86	7.62	0.04
16.15	7.46	7.22	0.06	18.75	7.87	7.63	0.04
16.20	7.47	7.23	0.06	18.80	7.88	7.64	0.04
16.25	7.48	7.24	0.06	18.85	7.88	7.64	0.04
16.30	7.49	7.25	0.06	18.90	7.89	7.65	0.04
16.35	7.50	7.26	0.06	18.95	7.90	7.66	0.04
16.40	7.51	7.27	0.06	19.00	7.90	7.66	0.04
16.45	7.52	7.28	0.06	19.05	7.91	7.67	0.04
16.50	7.53	7.29	0.06	19.10	7.92	7.68	0.04
16.55	7.54	7.30	0.06	19.15	7.92	7.68	0.04
16.60	7.55	7.31	0.06	19.20	7.93	7.69	0.04
16.65	7.55	7.32	0.06	19.25	7.93	7.70	0.04
16.70	7.56	7.32	0.05	19.30	7.94	7.70	0.04
16.75	7.57	7.33	0.05	19.35	7.95	7.71	0.04
16.80	7.58	7.34	0.05	19.40	7.95	7.71	0.04
16.85	7.59	7.35	0.05	19.45	7.96	7.72	0.04
16.90	7.60	7.36	0.05	19.50	7.97	7.73	0.04
16.95	7.61	7.37	0.05	19.55	7.97	7.73	0.04
17.00	7.62	7.38	0.05	19.60	7.98	7.74	0.04
17.05	7.63	7.39	0.05	19.65	7.98	7.74	0.04
17.10	7.63	7.39	0.05	19.70	7.99	7.75	0.04
17.15	7.64	7.40	0.05	19.75	8.00	7.76	0.04
17.20	7.65	7.41	0.05	19.80	8.00	7.76	0.04
17.25	7.66	7.42	0.05	19.85	8.01	7.77	0.04
17.30	7.67	7.43	0.05	19.90	8.01	7.78	0.04
17.35	7.67	7.43	0.05	19.95	8.02	7.78	0.04
17.40	7.68	7.44	0.05	20.00	8.03	7.79	0.04
17.45	7.69	7.45	0.05	20.05	8.03	7.79	0.04
17.50	7.70	7.46	0.05	20.10	8.04	7.80	0.04
17.55	7.71	7.47	0.05	20.15	8.04	7.80	0.04
17.60	7.71	7.47	0.05	20.20	8.05	7.81	0.04
17.65	7.72	7.48	0.04	20.25	8.06	7.82	0.04
17.70	7.73	7.49	0.04	20.30	8.06	7.82	0.04
17.75	7.74	7.50	0.04	20.35	8.07	7.83	0.03
17.80	7.74	7.50	0.04	20.40	8.07	7.83	0.03
17.85	7.75	7.51	0.04	20.45	8.08	7.84	0.03
17.90	7.76	7.52	0.04	20.50	8.09	7.85	0.03
17.95	7.76	7.52	0.04	20.55	8.09	7.85	0.03
18.00	7.77	7.53	0.04	20.60	8.10	7.86	0.03
18.05	7.78	7.54	0.04	20.65	8.10	7.86	0.03
18.10	7.78	7.55	0.04	20.70	8.11	7.87	0.03
18.15	7.79	7.55	0.04	20.75	8.11	7.87	0.03

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.03	23.40	8.38	8.14	0.03
20.85	8.13	7.89	0.03	23.45	8.39	8.15	0.03
20.90	8.13	7.89	0.03	23.50	8.39	8.15	0.03
20.95	8.14	7.90	0.03	23.55	8.40	8.16	0.03
21.00	8.14	7.90	0.03	23.60	8.40	8.16	0.03
21.05	8.15	7.91	0.03	23.65	8.41	8.17	0.03
21.10	8.15	7.91	0.03	23.70	8.41	8.17	0.03
21.15	8.16	7.92	0.03	23.75	8.42	8.18	0.03
21.20	8.16	7.92	0.03	23.80	8.42	8.18	0.03
21.25	8.17	7.93	0.03	23.85	8.42	8.18	0.03
21.30	8.18	7.94	0.03	23.90	8.43	8.19	0.03
21.35	8.18	7.94	0.03	23.95	8.43	8.19	0.03
21.40	8.19	7.95	0.03	24.00	8.44	8.20	0.03
21.45	8.19	7.95	0.03	24.05	8.44	8.20	0.00
21.50	8.20	7.96	0.03	24.10	8.44	8.20	0.00
21.55	8.20	7.96	0.03	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.03	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.03	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.03	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.03	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.03	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.03	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.03	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.03	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.03	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.03	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.03	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.03	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.03	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.03	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.03	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.03	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.03	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.03	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.03	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.03	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.03	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.03	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.03	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.03	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.03	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.03	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.03	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.03	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.03	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.03	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.03	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.03	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.03	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.03	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.03	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.03	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 42P: PDA-42 (pervious)

Runoff = 3.65 cfs @ 12.07 hrs, Volume= 0.212 af, Depth= 5.32"
 Routed to Pond B-42 : Basin #42

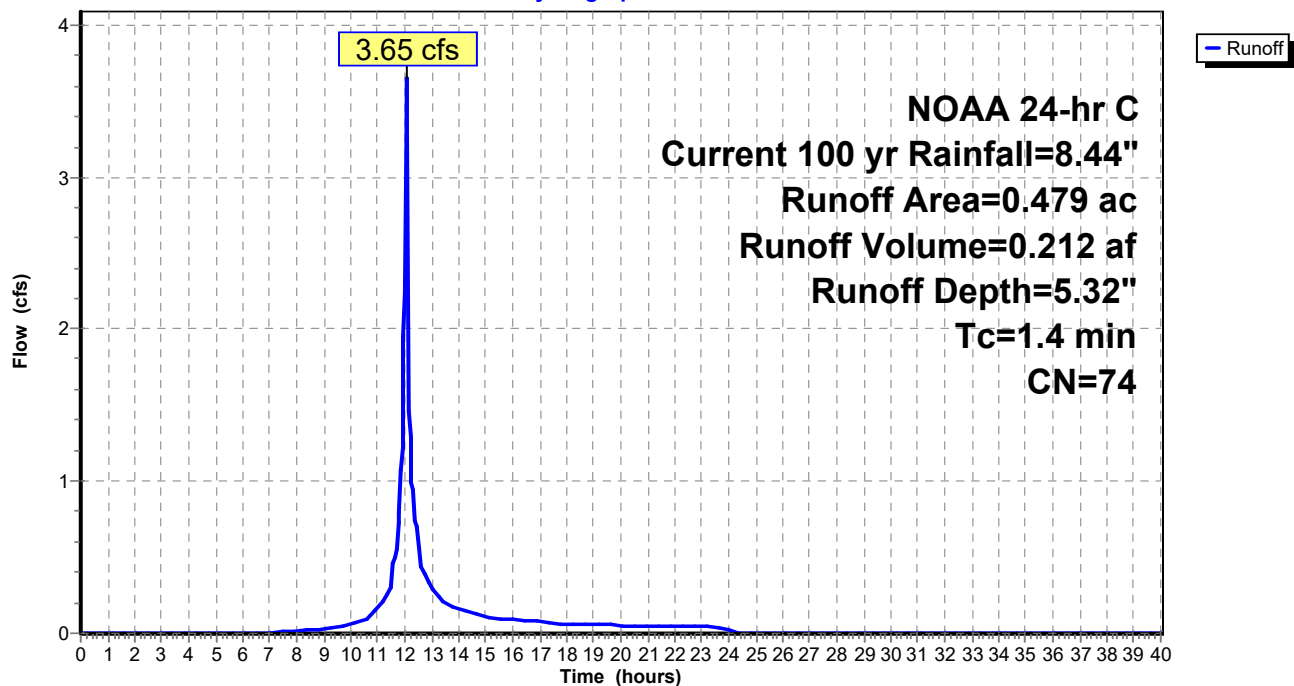
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.479	74	>75% Grass cover, Good, HSG C
0.479		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42P: PDA-42 (pervious)

Hydrograph



Hydrograph for Subcatchment 42P: PDA-42 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.01
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.01
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.01
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.01
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.02
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.02
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.02
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.02
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.02
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.02
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.02
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.02
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.02
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.02
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.02
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.02
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.02
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.02
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.02
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.02
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.03
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.03
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.03
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.03
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.03
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.03
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.03
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.03
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.03
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.04
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.04
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.04
6.80	0.79	0.00	0.00	9.40	1.34	0.10	0.04
6.85	0.80	0.00	0.00	9.45	1.35	0.10	0.04
6.90	0.81	0.00	0.00	9.50	1.37	0.11	0.04
6.95	0.81	0.00	0.00	9.55	1.39	0.11	0.04
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.05
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.05
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.05
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.05
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.05
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.06
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.06
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.06
7.40	0.89	0.01	0.01	10.00	1.54	0.16	0.06
7.45	0.90	0.01	0.01	10.05	1.56	0.17	0.06
7.50	0.91	0.01	0.01	10.10	1.58	0.17	0.06
7.55	0.92	0.01	0.01	10.15	1.60	0.18	0.07
7.60	0.93	0.01	0.01	10.20	1.62	0.19	0.07
7.65	0.94	0.02	0.01	10.25	1.64	0.20	0.07
7.70	0.95	0.02	0.01	10.30	1.66	0.20	0.07
7.75	0.96	0.02	0.01	10.35	1.68	0.21	0.08

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.08	13.00	6.41	3.54	0.31
10.45	1.72	0.23	0.08	13.05	6.45	3.57	0.28
10.50	1.74	0.24	0.08	13.10	6.48	3.59	0.27
10.55	1.76	0.25	0.09	13.15	6.51	3.62	0.26
10.60	1.79	0.26	0.10	13.20	6.54	3.65	0.25
10.65	1.81	0.27	0.11	13.25	6.57	3.67	0.24
10.70	1.84	0.28	0.11	13.30	6.60	3.70	0.24
10.75	1.87	0.29	0.12	13.35	6.63	3.72	0.22
10.80	1.90	0.30	0.12	13.40	6.65	3.74	0.22
10.85	1.93	0.32	0.13	13.45	6.68	3.76	0.20
10.90	1.96	0.33	0.14	13.50	6.70	3.78	0.20
10.95	1.99	0.35	0.15	13.55	6.72	3.80	0.18
11.00	2.03	0.36	0.15	13.60	6.74	3.82	0.18
11.05	2.06	0.38	0.17	13.65	6.76	3.84	0.17
11.10	2.10	0.40	0.18	13.70	6.78	3.85	0.17
11.15	2.14	0.42	0.20	13.75	6.80	3.87	0.17
11.20	2.19	0.44	0.21	13.80	6.82	3.89	0.17
11.25	2.23	0.46	0.23	13.85	6.84	3.91	0.16
11.30	2.28	0.49	0.24	13.90	6.86	3.92	0.16
11.35	2.33	0.52	0.26	13.95	6.88	3.94	0.16
11.40	2.38	0.54	0.27	14.00	6.90	3.96	0.16
11.45	2.44	0.57	0.29	14.05	6.92	3.97	0.15
11.50	2.49	0.60	0.32	14.10	6.94	3.99	0.15
11.55	2.58	0.65	0.46	14.15	6.95	4.00	0.15
11.60	2.66	0.70	0.48	14.20	6.97	4.02	0.15
11.65	2.75	0.76	0.52	14.25	6.99	4.03	0.14
11.70	2.84	0.81	0.55	14.30	7.01	4.05	0.14
11.75	2.97	0.89	0.73	14.35	7.02	4.06	0.14
11.80	3.09	0.97	0.80	14.40	7.04	4.08	0.14
11.85	3.26	1.08	1.07	14.45	7.05	4.09	0.13
11.90	3.43	1.19	1.22	14.50	7.07	4.10	0.13
11.95	3.73	1.40	1.95	14.55	7.09	4.12	0.13
12.00	4.02	1.61	2.24	14.60	7.10	4.13	0.13
12.05	4.52	1.98	3.52	14.65	7.11	4.14	0.12
12.10	5.01	2.37	3.44	14.70	7.13	4.15	0.12
12.15	5.18	2.51	1.46	14.75	7.14	4.17	0.12
12.20	5.35	2.65	1.29	14.80	7.16	4.18	0.12
12.25	5.47	2.75	0.99	14.85	7.17	4.19	0.11
12.30	5.60	2.85	0.95	14.90	7.18	4.20	0.11
12.35	5.69	2.92	0.73	14.95	7.19	4.21	0.11
12.40	5.78	3.00	0.72	15.00	7.21	4.22	0.10
12.45	5.86	3.07	0.69	15.05	7.22	4.23	0.10
12.50	5.95	3.14	0.66	15.10	7.23	4.24	0.10
12.55	6.00	3.19	0.46	15.15	7.24	4.25	0.10
12.60	6.06	3.23	0.44	15.20	7.25	4.26	0.10
12.65	6.11	3.28	0.42	15.25	7.27	4.27	0.10
12.70	6.16	3.32	0.42	15.30	7.28	4.28	0.10
12.75	6.21	3.36	0.39	15.35	7.29	4.29	0.10
12.80	6.25	3.40	0.38	15.40	7.30	4.30	0.10
12.85	6.30	3.44	0.35	15.45	7.31	4.31	0.09
12.90	6.34	3.47	0.35	15.50	7.32	4.32	0.09
12.95	6.38	3.50	0.32	15.55	7.33	4.33	0.09

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.09	18.20	7.80	4.75	0.06
15.65	7.36	4.35	0.09	18.25	7.80	4.75	0.06
15.70	7.37	4.36	0.09	18.30	7.81	4.76	0.06
15.75	7.38	4.37	0.09	18.35	7.82	4.76	0.06
15.80	7.39	4.38	0.09	18.40	7.82	4.77	0.06
15.85	7.40	4.39	0.09	18.45	7.83	4.78	0.06
15.90	7.41	4.40	0.09	18.50	7.84	4.78	0.06
15.95	7.42	4.41	0.09	18.55	7.84	4.79	0.06
16.00	7.43	4.42	0.09	18.60	7.85	4.79	0.06
16.05	7.44	4.43	0.09	18.65	7.86	4.80	0.06
16.10	7.45	4.44	0.09	18.70	7.86	4.80	0.06
16.15	7.46	4.44	0.09	18.75	7.87	4.81	0.06
16.20	7.47	4.45	0.09	18.80	7.88	4.82	0.06
16.25	7.48	4.46	0.08	18.85	7.88	4.82	0.06
16.30	7.49	4.47	0.08	18.90	7.89	4.83	0.06
16.35	7.50	4.48	0.08	18.95	7.90	4.83	0.06
16.40	7.51	4.49	0.08	19.00	7.90	4.84	0.06
16.45	7.52	4.50	0.08	19.05	7.91	4.84	0.05
16.50	7.53	4.50	0.08	19.10	7.92	4.85	0.05
16.55	7.54	4.51	0.08	19.15	7.92	4.86	0.05
16.60	7.55	4.52	0.08	19.20	7.93	4.86	0.05
16.65	7.55	4.53	0.08	19.25	7.93	4.87	0.05
16.70	7.56	4.54	0.08	19.30	7.94	4.87	0.05
16.75	7.57	4.55	0.08	19.35	7.95	4.88	0.05
16.80	7.58	4.55	0.08	19.40	7.95	4.88	0.05
16.85	7.59	4.56	0.08	19.45	7.96	4.89	0.05
16.90	7.60	4.57	0.08	19.50	7.97	4.90	0.05
16.95	7.61	4.58	0.07	19.55	7.97	4.90	0.05
17.00	7.62	4.58	0.07	19.60	7.98	4.91	0.05
17.05	7.63	4.59	0.07	19.65	7.98	4.91	0.05
17.10	7.63	4.60	0.07	19.70	7.99	4.92	0.05
17.15	7.64	4.61	0.07	19.75	8.00	4.92	0.05
17.20	7.65	4.61	0.07	19.80	8.00	4.93	0.05
17.25	7.66	4.62	0.07	19.85	8.01	4.93	0.05
17.30	7.67	4.63	0.07	19.90	8.01	4.94	0.05
17.35	7.67	4.64	0.07	19.95	8.02	4.94	0.05
17.40	7.68	4.64	0.07	20.00	8.03	4.95	0.05
17.45	7.69	4.65	0.07	20.05	8.03	4.96	0.05
17.50	7.70	4.66	0.07	20.10	8.04	4.96	0.05
17.55	7.71	4.66	0.07	20.15	8.04	4.97	0.05
17.60	7.71	4.67	0.07	20.20	8.05	4.97	0.05
17.65	7.72	4.68	0.06	20.25	8.06	4.98	0.05
17.70	7.73	4.68	0.06	20.30	8.06	4.98	0.05
17.75	7.74	4.69	0.06	20.35	8.07	4.99	0.05
17.80	7.74	4.70	0.06	20.40	8.07	4.99	0.05
17.85	7.75	4.70	0.06	20.45	8.08	5.00	0.05
17.90	7.76	4.71	0.06	20.50	8.09	5.00	0.05
17.95	7.76	4.72	0.06	20.55	8.09	5.01	0.05
18.00	7.77	4.72	0.06	20.60	8.10	5.01	0.05
18.05	7.78	4.73	0.06	20.65	8.10	5.02	0.05
18.10	7.78	4.73	0.06	20.70	8.11	5.02	0.05
18.15	7.79	4.74	0.06	20.75	8.11	5.03	0.05

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.05	23.40	8.38	5.27	0.04
20.85	8.13	5.04	0.05	23.45	8.39	5.28	0.04
20.90	8.13	5.04	0.05	23.50	8.39	5.28	0.04
20.95	8.14	5.05	0.05	23.55	8.40	5.28	0.04
21.00	8.14	5.05	0.05	23.60	8.40	5.29	0.04
21.05	8.15	5.06	0.05	23.65	8.41	5.29	0.04
21.10	8.15	5.06	0.05	23.70	8.41	5.30	0.04
21.15	8.16	5.07	0.05	23.75	8.42	5.30	0.04
21.20	8.16	5.07	0.05	23.80	8.42	5.30	0.04
21.25	8.17	5.08	0.05	23.85	8.42	5.31	0.04
21.30	8.18	5.08	0.05	23.90	8.43	5.31	0.04
21.35	8.18	5.09	0.05	23.95	8.43	5.32	0.05
21.40	8.19	5.09	0.05	24.00	8.44	5.32	0.04
21.45	8.19	5.10	0.05	24.05	8.44	5.32	0.00
21.50	8.20	5.10	0.05	24.10	8.44	5.32	0.00
21.55	8.20	5.11	0.05	24.15	8.44	5.32	0.00
21.60	8.21	5.11	0.05	24.20	8.44	5.32	0.00
21.65	8.21	5.12	0.05	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.05	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.05	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.05	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.05	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.05	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.04	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.04	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.04	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.04	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.04	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.04	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.04	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.04	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.04	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.04	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.04	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.04	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.04	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.04	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.04	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.04	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.04	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.04	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.04	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.04	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.04	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.04	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.04	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.04	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.04	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.04	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.04	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.04	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.04	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 43I: PDA-43 (impervious)

Runoff = 9.28 cfs @ 12.08 hrs, Volume= 0.628 af, Depth= 8.20"
 Routed to Pond B-43 : Basin #43

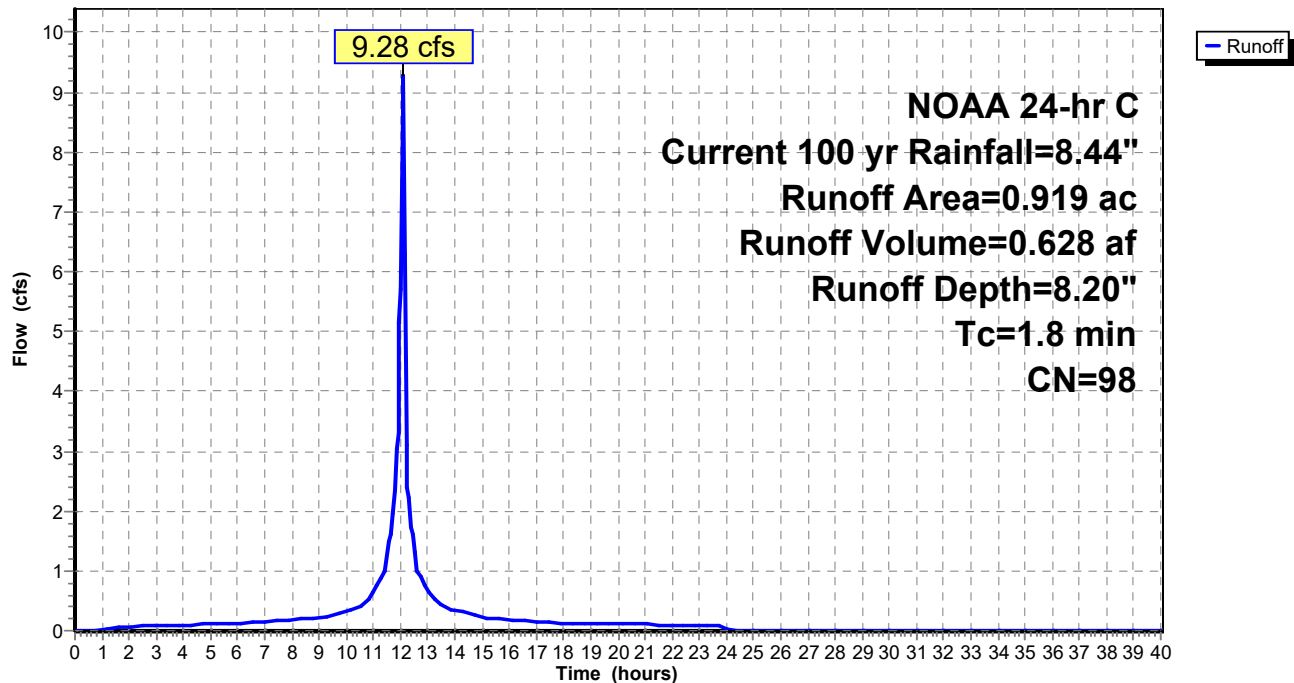
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.326	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.071	98	Concrete, HSC C
0.919	98	Weighted Average
0.919		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8					Direct Entry,

Subcatchment 43I: PDA-43 (impervious)

Hydrograph



Hydrograph for Subcatchment 43I: PDA-43 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.08
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.08
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.08
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.08
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.08
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.01	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.01	3.20	0.32	0.16	0.09
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.09
0.70	0.06	0.00	0.02	3.30	0.33	0.17	0.09
0.75	0.07	0.00	0.02	3.35	0.34	0.18	0.09
0.80	0.07	0.00	0.02	3.40	0.34	0.18	0.09
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.09
0.90	0.08	0.01	0.03	3.50	0.35	0.19	0.09
0.95	0.09	0.01	0.03	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.03	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.04	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.04	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.04	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.10
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.10
1.40	0.13	0.03	0.05	4.00	0.41	0.24	0.10
1.45	0.14	0.03	0.05	4.05	0.42	0.25	0.10
1.50	0.14	0.03	0.05	4.10	0.43	0.25	0.10
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.10
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.10
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.10
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.06	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.06	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.06	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.07	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.07	4.75	0.51	0.32	0.11
2.20	0.21	0.08	0.07	4.80	0.51	0.33	0.11
2.25	0.22	0.08	0.07	4.85	0.52	0.33	0.11
2.30	0.22	0.09	0.07	4.90	0.52	0.34	0.11
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.11
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.11
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.11
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.11
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.11

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.11	7.80	0.97	0.76	0.18
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.18
5.30	0.58	0.39	0.11	7.90	0.99	0.78	0.18
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.18
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.18
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.18
5.50	0.60	0.41	0.11	8.10	1.03	0.82	0.19
5.55	0.61	0.42	0.11	8.15	1.04	0.83	0.19
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.19
5.65	0.62	0.43	0.12	8.25	1.06	0.85	0.19
5.70	0.63	0.44	0.12	8.30	1.07	0.86	0.19
5.75	0.64	0.44	0.12	8.35	1.08	0.87	0.19
5.80	0.64	0.45	0.12	8.40	1.10	0.88	0.20
5.85	0.65	0.45	0.12	8.45	1.11	0.89	0.20
5.90	0.66	0.46	0.12	8.50	1.12	0.91	0.20
5.95	0.66	0.47	0.12	8.55	1.13	0.92	0.20
6.00	0.67	0.47	0.12	8.60	1.14	0.93	0.20
6.05	0.68	0.48	0.12	8.65	1.15	0.94	0.20
6.10	0.68	0.49	0.12	8.70	1.16	0.95	0.21
6.15	0.69	0.49	0.12	8.75	1.17	0.96	0.21
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.21
6.25	0.70	0.51	0.13	8.85	1.20	0.98	0.21
6.30	0.71	0.51	0.13	8.90	1.21	0.99	0.21
6.35	0.72	0.52	0.13	8.95	1.22	1.01	0.21
6.40	0.73	0.53	0.13	9.00	1.23	1.02	0.22
6.45	0.73	0.54	0.13	9.05	1.25	1.03	0.22
6.50	0.74	0.54	0.13	9.10	1.26	1.04	0.23
6.55	0.75	0.55	0.14	9.15	1.27	1.05	0.24
6.60	0.76	0.56	0.14	9.20	1.28	1.07	0.24
6.65	0.77	0.57	0.14	9.25	1.30	1.08	0.25
6.70	0.77	0.57	0.14	9.30	1.31	1.09	0.25
6.75	0.78	0.58	0.14	9.35	1.33	1.11	0.26
6.80	0.79	0.59	0.14	9.40	1.34	1.12	0.26
6.85	0.80	0.60	0.15	9.45	1.35	1.14	0.27
6.90	0.81	0.60	0.15	9.50	1.37	1.15	0.27
6.95	0.81	0.61	0.15	9.55	1.39	1.17	0.28
7.00	0.82	0.62	0.15	9.60	1.40	1.18	0.29
7.05	0.83	0.63	0.15	9.65	1.42	1.20	0.29
7.10	0.84	0.64	0.15	9.70	1.43	1.21	0.30
7.15	0.85	0.65	0.16	9.75	1.45	1.23	0.31
7.20	0.86	0.65	0.16	9.80	1.47	1.25	0.31
7.25	0.87	0.66	0.16	9.85	1.49	1.27	0.32
7.30	0.88	0.67	0.16	9.90	1.50	1.28	0.32
7.35	0.89	0.68	0.16	9.95	1.52	1.30	0.33
7.40	0.89	0.69	0.16	10.00	1.54	1.32	0.33
7.45	0.90	0.70	0.17	10.05	1.56	1.34	0.34
7.50	0.91	0.71	0.17	10.10	1.58	1.36	0.34
7.55	0.92	0.72	0.17	10.15	1.60	1.37	0.35
7.60	0.93	0.73	0.17	10.20	1.62	1.39	0.36
7.65	0.94	0.73	0.17	10.25	1.64	1.41	0.37
7.70	0.95	0.74	0.17	10.30	1.66	1.43	0.37
7.75	0.96	0.75	0.18	10.35	1.68	1.45	0.38

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.38	13.00	6.41	6.18	0.70
10.45	1.72	1.50	0.39	13.05	6.45	6.21	0.63
10.50	1.74	1.52	0.39	13.10	6.48	6.24	0.62
10.55	1.76	1.54	0.43	13.15	6.51	6.27	0.58
10.60	1.79	1.56	0.44	13.20	6.54	6.30	0.57
10.65	1.81	1.59	0.47	13.25	6.57	6.33	0.54
10.70	1.84	1.62	0.48	13.30	6.60	6.36	0.53
10.75	1.87	1.64	0.52	13.35	6.63	6.39	0.49
10.80	1.90	1.67	0.53	13.40	6.65	6.41	0.48
10.85	1.93	1.70	0.56	13.45	6.68	6.44	0.45
10.90	1.96	1.73	0.57	13.50	6.70	6.46	0.44
10.95	1.99	1.77	0.61	13.55	6.72	6.48	0.40
11.00	2.03	1.80	0.62	13.60	6.74	6.50	0.39
11.05	2.06	1.84	0.69	13.65	6.76	6.53	0.38
11.10	2.10	1.87	0.70	13.70	6.78	6.55	0.38
11.15	2.14	1.92	0.77	13.75	6.80	6.57	0.37
11.20	2.19	1.96	0.79	13.80	6.82	6.59	0.37
11.25	2.23	2.01	0.86	13.85	6.84	6.61	0.36
11.30	2.28	2.05	0.87	13.90	6.86	6.62	0.36
11.35	2.33	2.10	0.94	13.95	6.88	6.64	0.35
11.40	2.38	2.16	0.95	14.00	6.90	6.66	0.35
11.45	2.44	2.21	1.01	14.05	6.92	6.68	0.34
11.50	2.49	2.26	1.05	14.10	6.94	6.70	0.34
11.55	2.58	2.35	1.50	14.15	6.95	6.72	0.33
11.60	2.66	2.43	1.58	14.20	6.97	6.73	0.32
11.65	2.75	2.52	1.65	14.25	6.99	6.75	0.31
11.70	2.84	2.61	1.70	14.30	7.01	6.77	0.31
11.75	2.97	2.74	2.20	14.35	7.02	6.78	0.30
11.80	3.09	2.86	2.33	14.40	7.04	6.80	0.30
11.85	3.26	3.03	3.05	14.45	7.05	6.82	0.29
11.90	3.43	3.20	3.32	14.50	7.07	6.83	0.29
11.95	3.73	3.49	5.17	14.55	7.09	6.85	0.28
12.00	4.02	3.79	5.70	14.60	7.10	6.86	0.28
12.05	4.52	4.28	8.65	14.65	7.11	6.88	0.27
12.10	5.01	4.77	8.69	14.70	7.13	6.89	0.26
12.15	5.18	4.94	3.90	14.75	7.14	6.90	0.26
12.20	5.35	5.11	3.11	14.80	7.16	6.92	0.25
12.25	5.47	5.24	2.39	14.85	7.17	6.93	0.24
12.30	5.60	5.36	2.24	14.90	7.18	6.94	0.24
12.35	5.69	5.45	1.74	14.95	7.19	6.96	0.23
12.40	5.78	5.54	1.66	15.00	7.21	6.97	0.23
12.45	5.86	5.62	1.59	15.05	7.22	6.98	0.22
12.50	5.95	5.71	1.54	15.10	7.23	6.99	0.22
12.55	6.00	5.76	1.09	15.15	7.24	7.00	0.22
12.60	6.06	5.82	1.02	15.20	7.25	7.02	0.22
12.65	6.11	5.87	0.96	15.25	7.27	7.03	0.21
12.70	6.16	5.92	0.95	15.30	7.28	7.04	0.21
12.75	6.21	5.97	0.88	15.35	7.29	7.05	0.21
12.80	6.25	6.02	0.87	15.40	7.30	7.06	0.21
12.85	6.30	6.06	0.80	15.45	7.31	7.07	0.21
12.90	6.34	6.10	0.78	15.50	7.32	7.08	0.21
12.95	6.38	6.14	0.71	15.55	7.33	7.09	0.20

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.20	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.20	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.20	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.20	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.20	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.19	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.19	18.50	7.84	7.60	0.12
15.95	7.42	7.18	0.19	18.55	7.84	7.61	0.12
16.00	7.43	7.19	0.19	18.60	7.85	7.61	0.12
16.05	7.44	7.20	0.19	18.65	7.86	7.62	0.12
16.10	7.45	7.21	0.19	18.70	7.86	7.62	0.12
16.15	7.46	7.22	0.19	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.18	18.85	7.88	7.64	0.12
16.30	7.49	7.25	0.18	18.90	7.89	7.65	0.12
16.35	7.50	7.26	0.18	18.95	7.90	7.66	0.12
16.40	7.51	7.27	0.18	19.00	7.90	7.66	0.12
16.45	7.52	7.28	0.18	19.05	7.91	7.67	0.12
16.50	7.53	7.29	0.17	19.10	7.92	7.68	0.12
16.55	7.54	7.30	0.17	19.15	7.92	7.68	0.12
16.60	7.55	7.31	0.17	19.20	7.93	7.69	0.12
16.65	7.55	7.32	0.17	19.25	7.93	7.70	0.12
16.70	7.56	7.32	0.17	19.30	7.94	7.70	0.12
16.75	7.57	7.33	0.17	19.35	7.95	7.71	0.12
16.80	7.58	7.34	0.17	19.40	7.95	7.71	0.12
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.16	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.16	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.16	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.16	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.16	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.15	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.15	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.15	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.15	19.95	8.02	7.78	0.11
17.40	7.68	7.44	0.15	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.14	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.14	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.14	20.20	8.05	7.81	0.11
17.65	7.72	7.48	0.14	20.25	8.06	7.82	0.11
17.70	7.73	7.49	0.14	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.14	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.13	20.40	8.07	7.83	0.11
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.11
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.11
17.95	7.76	7.52	0.13	20.55	8.09	7.85	0.11
18.00	7.77	7.53	0.13	20.60	8.10	7.86	0.11
18.05	7.78	7.54	0.13	20.65	8.10	7.86	0.11
18.10	7.78	7.55	0.13	20.70	8.11	7.87	0.11
18.15	7.79	7.55	0.13	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.09
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.10
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.09
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.01
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.00
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.10	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.10	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.10	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.10	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.10	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.10	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.10	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.09	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.09	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.09	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.09	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.09	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.09	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 43P: PDA-43 (pervious)

Runoff = 9.90 cfs @ 12.20 hrs, Volume= 0.795 af, Depth= 5.32"
 Routed to Pond B-43 : Basin #43

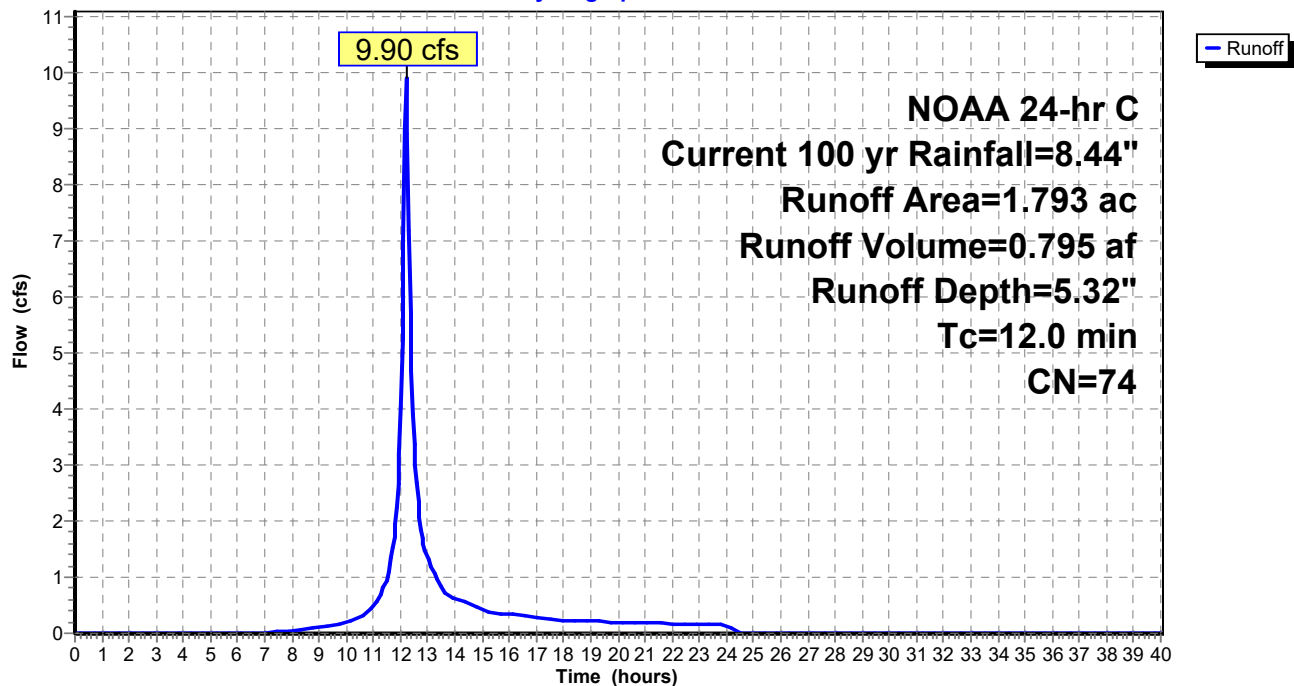
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.793	74	>75% Grass cover, Good, HSG C
1.793		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.0					Direct Entry,

Subcatchment 43P: PDA-43 (pervious)

Hydrograph



Hydrograph for Subcatchment 43P: PDA-43 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.05
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.05
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.06
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.06
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.07
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.07
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.08
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.08
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.08
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.08
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.09
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.09
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.09
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.09
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.10
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.10
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.10
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.11
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.11
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.11
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.12
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.12
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.13
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.14
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.14
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.15
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.15
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.16
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.16
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.17
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.18
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.18
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.19
7.35	0.89	0.01	0.03	9.95	1.52	0.15	0.20
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.21
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.21
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.22
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.23
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.23
7.65	0.94	0.02	0.04	10.25	1.64	0.20	0.24
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.25
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.26

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.27	13.00	6.41	3.54	1.36
10.45	1.72	0.23	0.27	13.05	6.45	3.57	1.29
10.50	1.74	0.24	0.28	13.10	6.48	3.59	1.22
10.55	1.76	0.25	0.29	13.15	6.51	3.62	1.15
10.60	1.79	0.26	0.30	13.20	6.54	3.65	1.09
10.65	1.81	0.27	0.32	13.25	6.57	3.67	1.04
10.70	1.84	0.28	0.34	13.30	6.60	3.70	1.00
10.75	1.87	0.29	0.36	13.35	6.63	3.72	0.96
10.80	1.90	0.30	0.38	13.40	6.65	3.74	0.92
10.85	1.93	0.32	0.41	13.45	6.68	3.76	0.88
10.90	1.96	0.33	0.43	13.50	6.70	3.78	0.84
10.95	1.99	0.35	0.46	13.55	6.72	3.80	0.80
11.00	2.03	0.36	0.49	13.60	6.74	3.82	0.77
11.05	2.06	0.38	0.52	13.65	6.76	3.84	0.73
11.10	2.10	0.40	0.55	13.70	6.78	3.85	0.70
11.15	2.14	0.42	0.59	13.75	6.80	3.87	0.68
11.20	2.19	0.44	0.63	13.80	6.82	3.89	0.66
11.25	2.23	0.46	0.68	13.85	6.84	3.91	0.65
11.30	2.28	0.49	0.73	13.90	6.86	3.92	0.64
11.35	2.33	0.52	0.78	13.95	6.88	3.94	0.63
11.40	2.38	0.54	0.84	14.00	6.90	3.96	0.62
11.45	2.44	0.57	0.90	14.05	6.92	3.97	0.61
11.50	2.49	0.60	0.95	14.10	6.94	3.99	0.60
11.55	2.58	0.65	1.02	14.15	6.95	4.00	0.59
11.60	2.66	0.70	1.14	14.20	6.97	4.02	0.58
11.65	2.75	0.76	1.34	14.25	6.99	4.03	0.57
11.70	2.84	0.81	1.54	14.30	7.01	4.05	0.56
11.75	2.97	0.89	1.72	14.35	7.02	4.06	0.55
11.80	3.09	0.97	1.93	14.40	7.04	4.08	0.54
11.85	3.26	1.08	2.24	14.45	7.05	4.09	0.53
11.90	3.43	1.19	2.64	14.50	7.07	4.10	0.52
11.95	3.73	1.40	3.19	14.55	7.09	4.12	0.51
12.00	4.02	1.61	4.03	14.60	7.10	4.13	0.50
12.05	4.52	1.98	5.25	14.65	7.11	4.14	0.49
12.10	5.01	2.37	7.00	14.70	7.13	4.15	0.48
12.15	5.18	2.51	9.04	14.75	7.14	4.17	0.47
12.20	5.35	2.65	9.90	14.80	7.16	4.18	0.46
12.25	5.47	2.75	8.91	14.85	7.17	4.19	0.45
12.30	5.60	2.85	7.18	14.90	7.18	4.20	0.44
12.35	5.69	2.92	5.73	14.95	7.19	4.21	0.43
12.40	5.78	3.00	4.69	15.00	7.21	4.22	0.42
12.45	5.86	3.07	3.91	15.05	7.22	4.23	0.41
12.50	5.95	3.14	3.36	15.10	7.23	4.24	0.40
12.55	6.00	3.19	3.00	15.15	7.24	4.25	0.39
12.60	6.06	3.23	2.69	15.20	7.25	4.26	0.38
12.65	6.11	3.28	2.35	15.25	7.27	4.27	0.38
12.70	6.16	3.32	2.05	15.30	7.28	4.28	0.37
12.75	6.21	3.36	1.83	15.35	7.29	4.29	0.37
12.80	6.25	3.40	1.70	15.40	7.30	4.30	0.37
12.85	6.30	3.44	1.60	15.45	7.31	4.31	0.36
12.90	6.34	3.47	1.51	15.50	7.32	4.32	0.36
12.95	6.38	3.50	1.43	15.55	7.33	4.33	0.36

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.36	18.20	7.80	4.75	0.22
15.65	7.36	4.35	0.35	18.25	7.80	4.75	0.22
15.70	7.37	4.36	0.35	18.30	7.81	4.76	0.22
15.75	7.38	4.37	0.35	18.35	7.82	4.76	0.22
15.80	7.39	4.38	0.35	18.40	7.82	4.77	0.22
15.85	7.40	4.39	0.34	18.45	7.83	4.78	0.22
15.90	7.41	4.40	0.34	18.50	7.84	4.78	0.22
15.95	7.42	4.41	0.34	18.55	7.84	4.79	0.21
16.00	7.43	4.42	0.34	18.60	7.85	4.79	0.21
16.05	7.44	4.43	0.33	18.65	7.86	4.80	0.21
16.10	7.45	4.44	0.33	18.70	7.86	4.80	0.21
16.15	7.46	4.44	0.33	18.75	7.87	4.81	0.21
16.20	7.47	4.45	0.33	18.80	7.88	4.82	0.21
16.25	7.48	4.46	0.32	18.85	7.88	4.82	0.21
16.30	7.49	4.47	0.32	18.90	7.89	4.83	0.21
16.35	7.50	4.48	0.32	18.95	7.90	4.83	0.21
16.40	7.51	4.49	0.32	19.00	7.90	4.84	0.21
16.45	7.52	4.50	0.31	19.05	7.91	4.84	0.21
16.50	7.53	4.50	0.31	19.10	7.92	4.85	0.21
16.55	7.54	4.51	0.31	19.15	7.92	4.86	0.21
16.60	7.55	4.52	0.30	19.20	7.93	4.86	0.21
16.65	7.55	4.53	0.30	19.25	7.93	4.87	0.21
16.70	7.56	4.54	0.30	19.30	7.94	4.87	0.20
16.75	7.57	4.55	0.30	19.35	7.95	4.88	0.20
16.80	7.58	4.55	0.29	19.40	7.95	4.88	0.20
16.85	7.59	4.56	0.29	19.45	7.96	4.89	0.20
16.90	7.60	4.57	0.29	19.50	7.97	4.90	0.20
16.95	7.61	4.58	0.29	19.55	7.97	4.90	0.20
17.00	7.62	4.58	0.28	19.60	7.98	4.91	0.20
17.05	7.63	4.59	0.28	19.65	7.98	4.91	0.20
17.10	7.63	4.60	0.28	19.70	7.99	4.92	0.20
17.15	7.64	4.61	0.28	19.75	8.00	4.92	0.20
17.20	7.65	4.61	0.27	19.80	8.00	4.93	0.20
17.25	7.66	4.62	0.27	19.85	8.01	4.93	0.20
17.30	7.67	4.63	0.27	19.90	8.01	4.94	0.20
17.35	7.67	4.64	0.27	19.95	8.02	4.94	0.20
17.40	7.68	4.64	0.26	20.00	8.03	4.95	0.20
17.45	7.69	4.65	0.26	20.05	8.03	4.96	0.20
17.50	7.70	4.66	0.26	20.10	8.04	4.96	0.19
17.55	7.71	4.66	0.26	20.15	8.04	4.97	0.19
17.60	7.71	4.67	0.25	20.20	8.05	4.97	0.19
17.65	7.72	4.68	0.25	20.25	8.06	4.98	0.19
17.70	7.73	4.68	0.25	20.30	8.06	4.98	0.19
17.75	7.74	4.69	0.24	20.35	8.07	4.99	0.19
17.80	7.74	4.70	0.24	20.40	8.07	4.99	0.19
17.85	7.75	4.70	0.24	20.45	8.08	5.00	0.19
17.90	7.76	4.71	0.24	20.50	8.09	5.00	0.19
17.95	7.76	4.72	0.23	20.55	8.09	5.01	0.19
18.00	7.77	4.72	0.23	20.60	8.10	5.01	0.19
18.05	7.78	4.73	0.23	20.65	8.10	5.02	0.19
18.10	7.78	4.73	0.23	20.70	8.11	5.02	0.19
18.15	7.79	4.74	0.22	20.75	8.11	5.03	0.19

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.19	23.40	8.38	5.27	0.15
20.85	8.13	5.04	0.18	23.45	8.39	5.28	0.15
20.90	8.13	5.04	0.18	23.50	8.39	5.28	0.15
20.95	8.14	5.05	0.18	23.55	8.40	5.28	0.15
21.00	8.14	5.05	0.18	23.60	8.40	5.29	0.15
21.05	8.15	5.06	0.18	23.65	8.41	5.29	0.15
21.10	8.15	5.06	0.18	23.70	8.41	5.30	0.15
21.15	8.16	5.07	0.18	23.75	8.42	5.30	0.15
21.20	8.16	5.07	0.18	23.80	8.42	5.30	0.15
21.25	8.17	5.08	0.18	23.85	8.42	5.31	0.14
21.30	8.18	5.08	0.18	23.90	8.43	5.31	0.14
21.35	8.18	5.09	0.18	23.95	8.43	5.32	0.14
21.40	8.19	5.09	0.18	24.00	8.44	5.32	0.15
21.45	8.19	5.10	0.18	24.05	8.44	5.32	0.15
21.50	8.20	5.10	0.18	24.10	8.44	5.32	0.14
21.55	8.20	5.11	0.18	24.15	8.44	5.32	0.10
21.60	8.21	5.11	0.17	24.20	8.44	5.32	0.06
21.65	8.21	5.12	0.17	24.25	8.44	5.32	0.03
21.70	8.22	5.12	0.17	24.30	8.44	5.32	0.02
21.75	8.22	5.13	0.17	24.35	8.44	5.32	0.01
21.80	8.23	5.13	0.17	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.17	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.17	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.17	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.17	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.17	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.17	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.17	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.17	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.17	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.17	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.17	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.16	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.16	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.16	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.16	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.16	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.16	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.16	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.16	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.16	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.16	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.16	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.16	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.16	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.16	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.16	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.15	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.15	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.15	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.15	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.15	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 44I: PDA-44 (impervious)

Runoff = 3.17 cfs @ 12.17 hrs, Volume= 0.281 af, Depth= 8.20"
 Routed to Pond B-44 : Basin #44

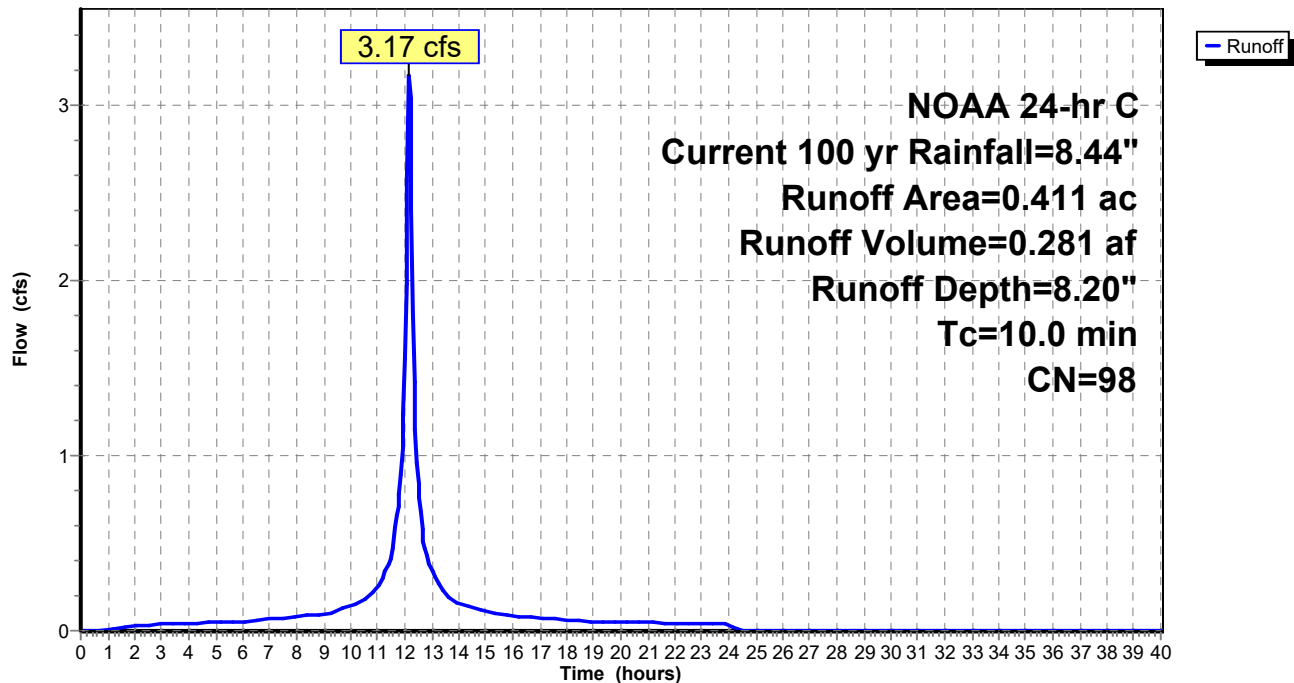
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.283	98	Pavement, HSG C
* 0.104	98	Roof, HSG C
* 0.024	98	Concrete, HSC C
0.411	98	Weighted Average
0.411		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44I: PDA-44 (impervious)

Hydrograph



Hydrograph for Subcatchment 44I: PDA-44 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.03
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.03
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.03
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.03
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.03
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.03
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.04
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.04
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.04
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.04
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.04
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.04
0.60	0.06	0.00	0.00	3.20	0.32	0.16	0.04
0.65	0.06	0.00	0.00	3.25	0.33	0.17	0.04
0.70	0.06	0.00	0.00	3.30	0.33	0.17	0.04
0.75	0.07	0.00	0.00	3.35	0.34	0.18	0.04
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.04
0.85	0.08	0.01	0.01	3.45	0.35	0.19	0.04
0.90	0.08	0.01	0.01	3.50	0.35	0.19	0.04
0.95	0.09	0.01	0.01	3.55	0.36	0.19	0.04
1.00	0.09	0.01	0.01	3.60	0.37	0.20	0.04
1.05	0.10	0.01	0.01	3.65	0.37	0.20	0.04
1.10	0.10	0.01	0.01	3.70	0.38	0.21	0.04
1.15	0.11	0.02	0.01	3.75	0.38	0.21	0.04
1.20	0.11	0.02	0.02	3.80	0.39	0.22	0.04
1.25	0.12	0.02	0.02	3.85	0.40	0.22	0.04
1.30	0.12	0.02	0.02	3.90	0.40	0.23	0.04
1.35	0.13	0.02	0.02	3.95	0.41	0.24	0.04
1.40	0.13	0.03	0.02	4.00	0.41	0.24	0.04
1.45	0.14	0.03	0.02	4.05	0.42	0.25	0.04
1.50	0.14	0.03	0.02	4.10	0.43	0.25	0.04
1.55	0.15	0.04	0.02	4.15	0.43	0.26	0.04
1.60	0.15	0.04	0.02	4.20	0.44	0.26	0.04
1.65	0.16	0.04	0.02	4.25	0.44	0.27	0.04
1.70	0.16	0.04	0.02	4.30	0.45	0.27	0.04
1.75	0.17	0.05	0.02	4.35	0.46	0.28	0.04
1.80	0.17	0.05	0.02	4.40	0.46	0.28	0.04
1.85	0.18	0.05	0.02	4.45	0.47	0.29	0.05
1.90	0.18	0.06	0.03	4.50	0.47	0.29	0.05
1.95	0.19	0.06	0.03	4.55	0.48	0.30	0.05
2.00	0.19	0.06	0.03	4.60	0.49	0.31	0.05
2.05	0.20	0.07	0.03	4.65	0.49	0.31	0.05
2.10	0.20	0.07	0.03	4.70	0.50	0.32	0.05
2.15	0.21	0.07	0.03	4.75	0.51	0.32	0.05
2.20	0.21	0.08	0.03	4.80	0.51	0.33	0.05
2.25	0.22	0.08	0.03	4.85	0.52	0.33	0.05
2.30	0.22	0.09	0.03	4.90	0.52	0.34	0.05
2.35	0.23	0.09	0.03	4.95	0.53	0.35	0.05
2.40	0.23	0.09	0.03	5.00	0.54	0.35	0.05
2.45	0.24	0.10	0.03	5.05	0.54	0.36	0.05
2.50	0.24	0.10	0.03	5.10	0.55	0.36	0.05
2.55	0.25	0.10	0.03	5.15	0.56	0.37	0.05

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.05	7.80	0.97	0.76	0.08
5.25	0.57	0.38	0.05	7.85	0.98	0.77	0.08
5.30	0.58	0.39	0.05	7.90	0.99	0.78	0.08
5.35	0.58	0.39	0.05	7.95	1.00	0.79	0.08
5.40	0.59	0.40	0.05	8.00	1.01	0.80	0.08
5.45	0.60	0.41	0.05	8.05	1.02	0.81	0.08
5.50	0.60	0.41	0.05	8.10	1.03	0.82	0.08
5.55	0.61	0.42	0.05	8.15	1.04	0.83	0.08
5.60	0.62	0.42	0.05	8.20	1.05	0.84	0.08
5.65	0.62	0.43	0.05	8.25	1.06	0.85	0.08
5.70	0.63	0.44	0.05	8.30	1.07	0.86	0.08
5.75	0.64	0.44	0.05	8.35	1.08	0.87	0.09
5.80	0.64	0.45	0.05	8.40	1.10	0.88	0.09
5.85	0.65	0.45	0.05	8.45	1.11	0.89	0.09
5.90	0.66	0.46	0.05	8.50	1.12	0.91	0.09
5.95	0.66	0.47	0.05	8.55	1.13	0.92	0.09
6.00	0.67	0.47	0.05	8.60	1.14	0.93	0.09
6.05	0.68	0.48	0.05	8.65	1.15	0.94	0.09
6.10	0.68	0.49	0.05	8.70	1.16	0.95	0.09
6.15	0.69	0.49	0.05	8.75	1.17	0.96	0.09
6.20	0.70	0.50	0.05	8.80	1.19	0.97	0.09
6.25	0.70	0.51	0.05	8.85	1.20	0.98	0.09
6.30	0.71	0.51	0.06	8.90	1.21	0.99	0.09
6.35	0.72	0.52	0.06	8.95	1.22	1.01	0.09
6.40	0.73	0.53	0.06	9.00	1.23	1.02	0.09
6.45	0.73	0.54	0.06	9.05	1.25	1.03	0.10
6.50	0.74	0.54	0.06	9.10	1.26	1.04	0.10
6.55	0.75	0.55	0.06	9.15	1.27	1.05	0.10
6.60	0.76	0.56	0.06	9.20	1.28	1.07	0.10
6.65	0.77	0.57	0.06	9.25	1.30	1.08	0.10
6.70	0.77	0.57	0.06	9.30	1.31	1.09	0.11
6.75	0.78	0.58	0.06	9.35	1.33	1.11	0.11
6.80	0.79	0.59	0.06	9.40	1.34	1.12	0.11
6.85	0.80	0.60	0.06	9.45	1.35	1.14	0.11
6.90	0.81	0.60	0.06	9.50	1.37	1.15	0.12
6.95	0.81	0.61	0.06	9.55	1.39	1.17	0.12
7.00	0.82	0.62	0.07	9.60	1.40	1.18	0.12
7.05	0.83	0.63	0.07	9.65	1.42	1.20	0.12
7.10	0.84	0.64	0.07	9.70	1.43	1.21	0.13
7.15	0.85	0.65	0.07	9.75	1.45	1.23	0.13
7.20	0.86	0.65	0.07	9.80	1.47	1.25	0.13
7.25	0.87	0.66	0.07	9.85	1.49	1.27	0.13
7.30	0.88	0.67	0.07	9.90	1.50	1.28	0.14
7.35	0.89	0.68	0.07	9.95	1.52	1.30	0.14
7.40	0.89	0.69	0.07	10.00	1.54	1.32	0.14
7.45	0.90	0.70	0.07	10.05	1.56	1.34	0.15
7.50	0.91	0.71	0.07	10.10	1.58	1.36	0.15
7.55	0.92	0.72	0.07	10.15	1.60	1.37	0.15
7.60	0.93	0.73	0.07	10.20	1.62	1.39	0.15
7.65	0.94	0.73	0.07	10.25	1.64	1.41	0.16
7.70	0.95	0.74	0.08	10.30	1.66	1.43	0.16
7.75	0.96	0.75	0.08	10.35	1.68	1.45	0.16

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.16	13.00	6.41	6.18	0.35
10.45	1.72	1.50	0.17	13.05	6.45	6.21	0.34
10.50	1.74	1.52	0.17	13.10	6.48	6.24	0.32
10.55	1.76	1.54	0.17	13.15	6.51	6.27	0.30
10.60	1.79	1.56	0.18	13.20	6.54	6.30	0.28
10.65	1.81	1.59	0.19	13.25	6.57	6.33	0.27
10.70	1.84	1.62	0.19	13.30	6.60	6.36	0.26
10.75	1.87	1.64	0.20	13.35	6.63	6.39	0.25
10.80	1.90	1.67	0.21	13.40	6.65	6.41	0.24
10.85	1.93	1.70	0.22	13.45	6.68	6.44	0.23
10.90	1.96	1.73	0.23	13.50	6.70	6.46	0.22
10.95	1.99	1.77	0.24	13.55	6.72	6.48	0.21
11.00	2.03	1.80	0.25	13.60	6.74	6.50	0.20
11.05	2.06	1.84	0.26	13.65	6.76	6.53	0.19
11.10	2.10	1.87	0.28	13.70	6.78	6.55	0.18
11.15	2.14	1.92	0.29	13.75	6.80	6.57	0.18
11.20	2.19	1.96	0.31	13.80	6.82	6.59	0.17
11.25	2.23	2.01	0.33	13.85	6.84	6.61	0.17
11.30	2.28	2.05	0.35	13.90	6.86	6.62	0.17
11.35	2.33	2.10	0.37	13.95	6.88	6.64	0.16
11.40	2.38	2.16	0.39	14.00	6.90	6.66	0.16
11.45	2.44	2.21	0.40	14.05	6.92	6.68	0.16
11.50	2.49	2.26	0.42	14.10	6.94	6.70	0.16
11.55	2.58	2.35	0.44	14.15	6.95	6.72	0.15
11.60	2.66	2.43	0.50	14.20	6.97	6.73	0.15
11.65	2.75	2.52	0.59	14.25	6.99	6.75	0.15
11.70	2.84	2.61	0.66	14.30	7.01	6.77	0.15
11.75	2.97	2.74	0.71	14.35	7.02	6.78	0.14
11.80	3.09	2.86	0.78	14.40	7.04	6.80	0.14
11.85	3.26	3.03	0.89	14.45	7.05	6.82	0.14
11.90	3.43	3.20	1.04	14.50	7.07	6.83	0.13
11.95	3.73	3.49	1.24	14.55	7.09	6.85	0.13
12.00	4.02	3.79	1.55	14.60	7.10	6.86	0.13
12.05	4.52	4.28	1.98	14.65	7.11	6.88	0.13
12.10	5.01	4.77	2.57	14.70	7.13	6.89	0.12
12.15	5.18	4.94	3.13	14.75	7.14	6.90	0.12
12.20	5.35	5.11	3.04	14.80	7.16	6.92	0.12
12.25	5.47	5.24	2.41	14.85	7.17	6.93	0.12
12.30	5.60	5.36	1.81	14.90	7.18	6.94	0.11
12.35	5.69	5.45	1.42	14.95	7.19	6.96	0.11
12.40	5.78	5.54	1.15	15.00	7.21	6.97	0.11
12.45	5.86	5.62	0.96	15.05	7.22	6.98	0.11
12.50	5.95	5.71	0.84	15.10	7.23	6.99	0.10
12.55	6.00	5.76	0.76	15.15	7.24	7.00	0.10
12.60	6.06	5.82	0.68	15.20	7.25	7.02	0.10
12.65	6.11	5.87	0.58	15.25	7.27	7.03	0.10
12.70	6.16	5.92	0.51	15.30	7.28	7.04	0.10
12.75	6.21	5.97	0.47	15.35	7.29	7.05	0.10
12.80	6.25	6.02	0.44	15.40	7.30	7.06	0.10
12.85	6.30	6.06	0.41	15.45	7.31	7.07	0.09
12.90	6.34	6.10	0.39	15.50	7.32	7.08	0.09
12.95	6.38	6.14	0.37	15.55	7.33	7.09	0.09

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.09	18.20	7.80	7.56	0.06
15.65	7.36	7.12	0.09	18.25	7.80	7.57	0.06
15.70	7.37	7.13	0.09	18.30	7.81	7.57	0.06
15.75	7.38	7.14	0.09	18.35	7.82	7.58	0.06
15.80	7.39	7.15	0.09	18.40	7.82	7.59	0.06
15.85	7.40	7.16	0.09	18.45	7.83	7.59	0.06
15.90	7.41	7.17	0.09	18.50	7.84	7.60	0.06
15.95	7.42	7.18	0.09	18.55	7.84	7.61	0.06
16.00	7.43	7.19	0.09	18.60	7.85	7.61	0.05
16.05	7.44	7.20	0.09	18.65	7.86	7.62	0.05
16.10	7.45	7.21	0.09	18.70	7.86	7.62	0.05
16.15	7.46	7.22	0.08	18.75	7.87	7.63	0.05
16.20	7.47	7.23	0.08	18.80	7.88	7.64	0.05
16.25	7.48	7.24	0.08	18.85	7.88	7.64	0.05
16.30	7.49	7.25	0.08	18.90	7.89	7.65	0.05
16.35	7.50	7.26	0.08	18.95	7.90	7.66	0.05
16.40	7.51	7.27	0.08	19.00	7.90	7.66	0.05
16.45	7.52	7.28	0.08	19.05	7.91	7.67	0.05
16.50	7.53	7.29	0.08	19.10	7.92	7.68	0.05
16.55	7.54	7.30	0.08	19.15	7.92	7.68	0.05
16.60	7.55	7.31	0.08	19.20	7.93	7.69	0.05
16.65	7.55	7.32	0.08	19.25	7.93	7.70	0.05
16.70	7.56	7.32	0.08	19.30	7.94	7.70	0.05
16.75	7.57	7.33	0.08	19.35	7.95	7.71	0.05
16.80	7.58	7.34	0.08	19.40	7.95	7.71	0.05
16.85	7.59	7.35	0.08	19.45	7.96	7.72	0.05
16.90	7.60	7.36	0.07	19.50	7.97	7.73	0.05
16.95	7.61	7.37	0.07	19.55	7.97	7.73	0.05
17.00	7.62	7.38	0.07	19.60	7.98	7.74	0.05
17.05	7.63	7.39	0.07	19.65	7.98	7.74	0.05
17.10	7.63	7.39	0.07	19.70	7.99	7.75	0.05
17.15	7.64	7.40	0.07	19.75	8.00	7.76	0.05
17.20	7.65	7.41	0.07	19.80	8.00	7.76	0.05
17.25	7.66	7.42	0.07	19.85	8.01	7.77	0.05
17.30	7.67	7.43	0.07	19.90	8.01	7.78	0.05
17.35	7.67	7.43	0.07	19.95	8.02	7.78	0.05
17.40	7.68	7.44	0.07	20.00	8.03	7.79	0.05
17.45	7.69	7.45	0.07	20.05	8.03	7.79	0.05
17.50	7.70	7.46	0.07	20.10	8.04	7.80	0.05
17.55	7.71	7.47	0.07	20.15	8.04	7.80	0.05
17.60	7.71	7.47	0.06	20.20	8.05	7.81	0.05
17.65	7.72	7.48	0.06	20.25	8.06	7.82	0.05
17.70	7.73	7.49	0.06	20.30	8.06	7.82	0.05
17.75	7.74	7.50	0.06	20.35	8.07	7.83	0.05
17.80	7.74	7.50	0.06	20.40	8.07	7.83	0.05
17.85	7.75	7.51	0.06	20.45	8.08	7.84	0.05
17.90	7.76	7.52	0.06	20.50	8.09	7.85	0.05
17.95	7.76	7.52	0.06	20.55	8.09	7.85	0.05
18.00	7.77	7.53	0.06	20.60	8.10	7.86	0.05
18.05	7.78	7.54	0.06	20.65	8.10	7.86	0.05
18.10	7.78	7.55	0.06	20.70	8.11	7.87	0.05
18.15	7.79	7.55	0.06	20.75	8.11	7.87	0.05

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.05	23.40	8.38	8.14	0.04
20.85	8.13	7.89	0.05	23.45	8.39	8.15	0.04
20.90	8.13	7.89	0.05	23.50	8.39	8.15	0.04
20.95	8.14	7.90	0.05	23.55	8.40	8.16	0.04
21.00	8.14	7.90	0.05	23.60	8.40	8.16	0.04
21.05	8.15	7.91	0.05	23.65	8.41	8.17	0.04
21.10	8.15	7.91	0.05	23.70	8.41	8.17	0.04
21.15	8.16	7.92	0.05	23.75	8.42	8.18	0.04
21.20	8.16	7.92	0.05	23.80	8.42	8.18	0.04
21.25	8.17	7.93	0.05	23.85	8.42	8.18	0.04
21.30	8.18	7.94	0.05	23.90	8.43	8.19	0.04
21.35	8.18	7.94	0.05	23.95	8.43	8.19	0.04
21.40	8.19	7.95	0.05	24.00	8.44	8.20	0.04
21.45	8.19	7.95	0.05	24.05	8.44	8.20	0.04
21.50	8.20	7.96	0.04	24.10	8.44	8.20	0.03
21.55	8.20	7.96	0.04	24.15	8.44	8.20	0.02
21.60	8.21	7.97	0.04	24.20	8.44	8.20	0.01
21.65	8.21	7.97	0.04	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.04	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.04	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.04	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.04	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.04	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.04	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.04	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.04	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.04	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.04	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.04	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.04	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.04	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.04	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.04	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.04	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.04	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.04	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.04	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.04	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.04	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.04	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.04	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.04	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.04	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.04	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.04	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.04	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.04	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.04	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.04	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.04	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.04	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.04	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 44P: PDA-44 (pervious)

Runoff = 4.51 cfs @ 12.17 hrs, Volume= 0.343 af, Depth= 5.32"
Routed to Pond B-44 : Basin #44

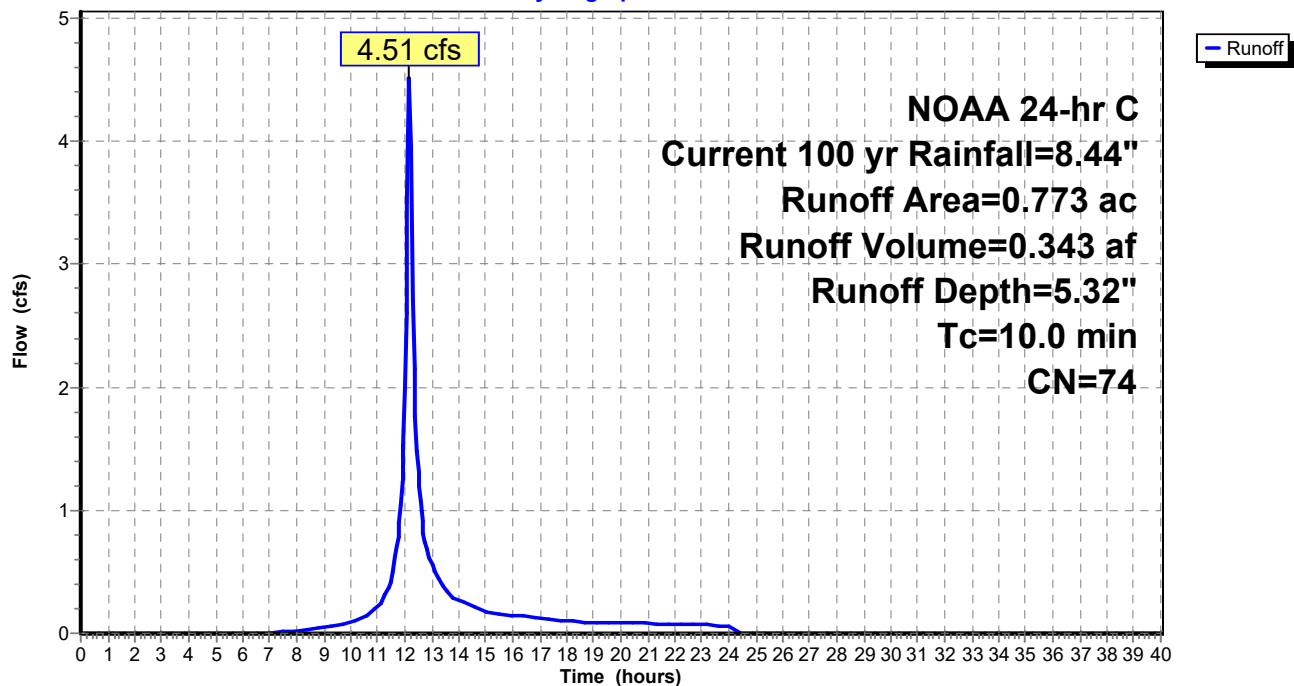
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.773	74	>75% Grass cover, Good, HSG C
0.773		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44P: PDA-44 (pervious)

Hydrograph



Hydrograph for Subcatchment 44P: PDA-44 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.02
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.02
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.02
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.02
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.02
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.02
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.02
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.03
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.03
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.03
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.03
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.03
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.03
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.03
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.03
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.03
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.03
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.04
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.04
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.04
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.04
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.04
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.04
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.04
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.04
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.04
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.05
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.05
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.05
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.05
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.06
6.80	0.79	0.00	0.00	9.40	1.34	0.10	0.06
6.85	0.80	0.00	0.00	9.45	1.35	0.10	0.06
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.06
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.06
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.07
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.07
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.07
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.08
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.08
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.08
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.08
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.09
7.40	0.89	0.01	0.01	10.00	1.54	0.16	0.09
7.45	0.90	0.01	0.01	10.05	1.56	0.17	0.09
7.50	0.91	0.01	0.01	10.10	1.58	0.17	0.10
7.55	0.92	0.01	0.01	10.15	1.60	0.18	0.10
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.10
7.65	0.94	0.02	0.02	10.25	1.64	0.20	0.11
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.11
7.75	0.96	0.02	0.02	10.35	1.68	0.21	0.11

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.12	13.00	6.41	3.54	0.57
10.45	1.72	0.23	0.12	13.05	6.45	3.57	0.54
10.50	1.74	0.24	0.12	13.10	6.48	3.59	0.51
10.55	1.76	0.25	0.13	13.15	6.51	3.62	0.48
10.60	1.79	0.26	0.13	13.20	6.54	3.65	0.46
10.65	1.81	0.27	0.14	13.25	6.57	3.67	0.44
10.70	1.84	0.28	0.15	13.30	6.60	3.70	0.42
10.75	1.87	0.29	0.16	13.35	6.63	3.72	0.40
10.80	1.90	0.30	0.17	13.40	6.65	3.74	0.38
10.85	1.93	0.32	0.18	13.45	6.68	3.76	0.37
10.90	1.96	0.33	0.19	13.50	6.70	3.78	0.35
10.95	1.99	0.35	0.21	13.55	6.72	3.80	0.34
11.00	2.03	0.36	0.22	13.60	6.74	3.82	0.32
11.05	2.06	0.38	0.23	13.65	6.76	3.84	0.31
11.10	2.10	0.40	0.25	13.70	6.78	3.85	0.29
11.15	2.14	0.42	0.26	13.75	6.80	3.87	0.29
11.20	2.19	0.44	0.28	13.80	6.82	3.89	0.28
11.25	2.23	0.46	0.31	13.85	6.84	3.91	0.28
11.30	2.28	0.49	0.33	13.90	6.86	3.92	0.27
11.35	2.33	0.52	0.35	13.95	6.88	3.94	0.27
11.40	2.38	0.54	0.38	14.00	6.90	3.96	0.26
11.45	2.44	0.57	0.40	14.05	6.92	3.97	0.26
11.50	2.49	0.60	0.43	14.10	6.94	3.99	0.25
11.55	2.58	0.65	0.46	14.15	6.95	4.00	0.25
11.60	2.66	0.70	0.53	14.20	6.97	4.02	0.25
11.65	2.75	0.76	0.63	14.25	6.99	4.03	0.24
11.70	2.84	0.81	0.72	14.30	7.01	4.05	0.24
11.75	2.97	0.89	0.79	14.35	7.02	4.06	0.23
11.80	3.09	0.97	0.90	14.40	7.04	4.08	0.23
11.85	3.26	1.08	1.05	14.45	7.05	4.09	0.23
11.90	3.43	1.19	1.25	14.50	7.07	4.10	0.22
11.95	3.73	1.40	1.53	14.55	7.09	4.12	0.22
12.00	4.02	1.61	1.97	14.60	7.10	4.13	0.21
12.05	4.52	1.98	2.60	14.65	7.11	4.14	0.21
12.10	5.01	2.37	3.50	14.70	7.13	4.15	0.20
12.15	5.18	2.51	4.41	14.75	7.14	4.17	0.20
12.20	5.35	2.65	4.39	14.80	7.16	4.18	0.20
12.25	5.47	2.75	3.53	14.85	7.17	4.19	0.19
12.30	5.60	2.85	2.70	14.90	7.18	4.20	0.19
12.35	5.69	2.92	2.15	14.95	7.19	4.21	0.18
12.40	5.78	3.00	1.76	15.00	7.21	4.22	0.18
12.45	5.86	3.07	1.48	15.05	7.22	4.23	0.17
12.50	5.95	3.14	1.30	15.10	7.23	4.24	0.17
12.55	6.00	3.19	1.19	15.15	7.24	4.25	0.17
12.60	6.06	3.23	1.06	15.20	7.25	4.26	0.16
12.65	6.11	3.28	0.91	15.25	7.27	4.27	0.16
12.70	6.16	3.32	0.81	15.30	7.28	4.28	0.16
12.75	6.21	3.36	0.74	15.35	7.29	4.29	0.16
12.80	6.25	3.40	0.70	15.40	7.30	4.30	0.16
12.85	6.30	3.44	0.66	15.45	7.31	4.31	0.16
12.90	6.34	3.47	0.63	15.50	7.32	4.32	0.16
12.95	6.38	3.50	0.60	15.55	7.33	4.33	0.15

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.15	18.20	7.80	4.75	0.09
15.65	7.36	4.35	0.15	18.25	7.80	4.75	0.09
15.70	7.37	4.36	0.15	18.30	7.81	4.76	0.09
15.75	7.38	4.37	0.15	18.35	7.82	4.76	0.09
15.80	7.39	4.38	0.15	18.40	7.82	4.77	0.09
15.85	7.40	4.39	0.15	18.45	7.83	4.78	0.09
15.90	7.41	4.40	0.15	18.50	7.84	4.78	0.09
15.95	7.42	4.41	0.15	18.55	7.84	4.79	0.09
16.00	7.43	4.42	0.14	18.60	7.85	4.79	0.09
16.05	7.44	4.43	0.14	18.65	7.86	4.80	0.09
16.10	7.45	4.44	0.14	18.70	7.86	4.80	0.09
16.15	7.46	4.44	0.14	18.75	7.87	4.81	0.09
16.20	7.47	4.45	0.14	18.80	7.88	4.82	0.09
16.25	7.48	4.46	0.14	18.85	7.88	4.82	0.09
16.30	7.49	4.47	0.14	18.90	7.89	4.83	0.09
16.35	7.50	4.48	0.14	18.95	7.90	4.83	0.09
16.40	7.51	4.49	0.14	19.00	7.90	4.84	0.09
16.45	7.52	4.50	0.13	19.05	7.91	4.84	0.09
16.50	7.53	4.50	0.13	19.10	7.92	4.85	0.09
16.55	7.54	4.51	0.13	19.15	7.92	4.86	0.09
16.60	7.55	4.52	0.13	19.20	7.93	4.86	0.09
16.65	7.55	4.53	0.13	19.25	7.93	4.87	0.09
16.70	7.56	4.54	0.13	19.30	7.94	4.87	0.09
16.75	7.57	4.55	0.13	19.35	7.95	4.88	0.09
16.80	7.58	4.55	0.13	19.40	7.95	4.88	0.09
16.85	7.59	4.56	0.13	19.45	7.96	4.89	0.09
16.90	7.60	4.57	0.12	19.50	7.97	4.90	0.09
16.95	7.61	4.58	0.12	19.55	7.97	4.90	0.09
17.00	7.62	4.58	0.12	19.60	7.98	4.91	0.09
17.05	7.63	4.59	0.12	19.65	7.98	4.91	0.09
17.10	7.63	4.60	0.12	19.70	7.99	4.92	0.09
17.15	7.64	4.61	0.12	19.75	8.00	4.92	0.09
17.20	7.65	4.61	0.12	19.80	8.00	4.93	0.09
17.25	7.66	4.62	0.12	19.85	8.01	4.93	0.09
17.30	7.67	4.63	0.11	19.90	8.01	4.94	0.09
17.35	7.67	4.64	0.11	19.95	8.02	4.94	0.08
17.40	7.68	4.64	0.11	20.00	8.03	4.95	0.08
17.45	7.69	4.65	0.11	20.05	8.03	4.96	0.08
17.50	7.70	4.66	0.11	20.10	8.04	4.96	0.08
17.55	7.71	4.66	0.11	20.15	8.04	4.97	0.08
17.60	7.71	4.67	0.11	20.20	8.05	4.97	0.08
17.65	7.72	4.68	0.11	20.25	8.06	4.98	0.08
17.70	7.73	4.68	0.11	20.30	8.06	4.98	0.08
17.75	7.74	4.69	0.10	20.35	8.07	4.99	0.08
17.80	7.74	4.70	0.10	20.40	8.07	4.99	0.08
17.85	7.75	4.70	0.10	20.45	8.08	5.00	0.08
17.90	7.76	4.71	0.10	20.50	8.09	5.00	0.08
17.95	7.76	4.72	0.10	20.55	8.09	5.01	0.08
18.00	7.77	4.72	0.10	20.60	8.10	5.01	0.08
18.05	7.78	4.73	0.10	20.65	8.10	5.02	0.08
18.10	7.78	4.73	0.10	20.70	8.11	5.02	0.08
18.15	7.79	4.74	0.10	20.75	8.11	5.03	0.08

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.08	23.40	8.38	5.27	0.06
20.85	8.13	5.04	0.08	23.45	8.39	5.28	0.06
20.90	8.13	5.04	0.08	23.50	8.39	5.28	0.06
20.95	8.14	5.05	0.08	23.55	8.40	5.28	0.06
21.00	8.14	5.05	0.08	23.60	8.40	5.29	0.06
21.05	8.15	5.06	0.08	23.65	8.41	5.29	0.06
21.10	8.15	5.06	0.08	23.70	8.41	5.30	0.06
21.15	8.16	5.07	0.08	23.75	8.42	5.30	0.06
21.20	8.16	5.07	0.08	23.80	8.42	5.30	0.06
21.25	8.17	5.08	0.08	23.85	8.42	5.31	0.06
21.30	8.18	5.08	0.08	23.90	8.43	5.31	0.06
21.35	8.18	5.09	0.08	23.95	8.43	5.32	0.06
21.40	8.19	5.09	0.08	24.00	8.44	5.32	0.06
21.45	8.19	5.10	0.08	24.05	8.44	5.32	0.07
21.50	8.20	5.10	0.08	24.10	8.44	5.32	0.06
21.55	8.20	5.11	0.08	24.15	8.44	5.32	0.03
21.60	8.21	5.11	0.08	24.20	8.44	5.32	0.02
21.65	8.21	5.12	0.07	24.25	8.44	5.32	0.01
21.70	8.22	5.12	0.07	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.07	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.07	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.07	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.07	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.07	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.07	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.07	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.07	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.07	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.07	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.07	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.07	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.07	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.07	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.07	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.07	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.07	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.07	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.07	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.07	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.07	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.07	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.07	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.07	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.07	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.07	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.07	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.07	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.07	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.07	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.07	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.07	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.06	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 45I: PDA-45 (impervious)

Runoff = 12.86 cfs @ 12.11 hrs, Volume= 0.985 af, Depth= 8.20"
 Routed to Pond B-45 : Basin #45

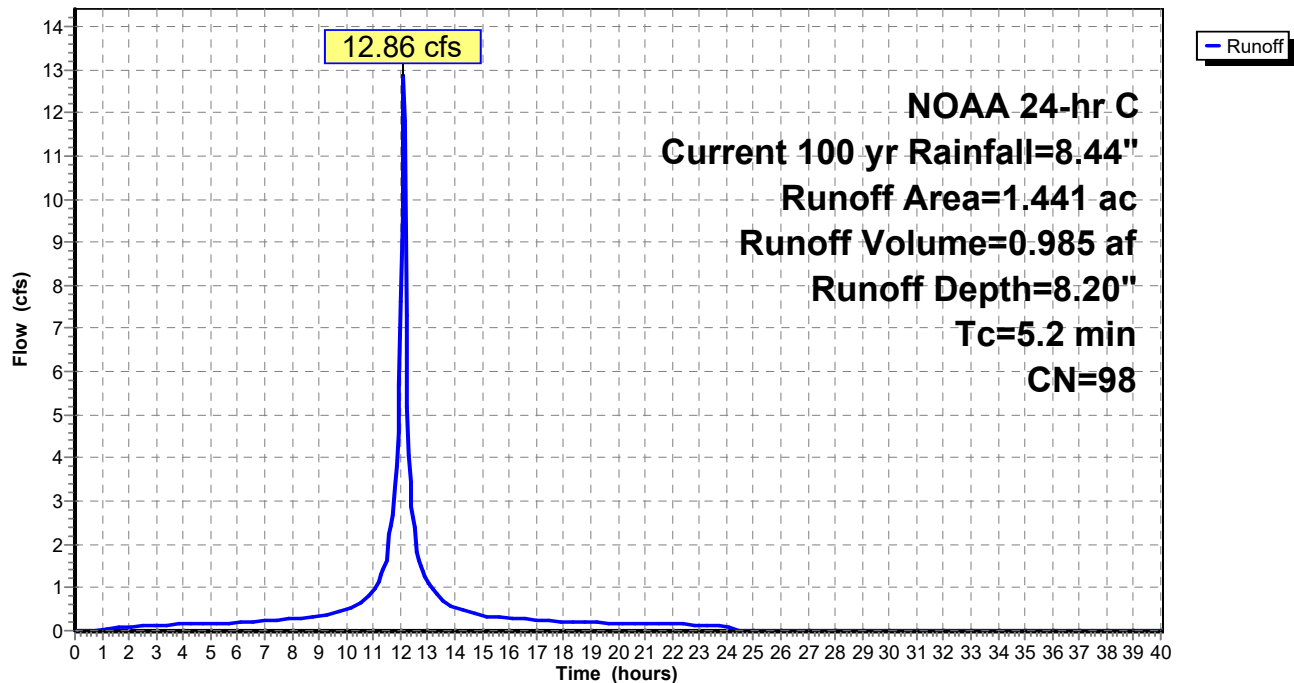
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.394	98	Pavement, HSG C
* 1.045	98	Roof, HSG C
* 0.002	98	Concrete, HSG C
1.441	98	Weighted Average
1.441		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.2					Direct Entry,

Subcatchment 45I: PDA-45 (impervious)

Hydrograph



Hydrograph for Subcatchment 45I: PDA-45 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.12
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.12
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.12
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.12
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.12
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.12
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.13
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.13
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.13
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.13
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.13
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.13
0.60	0.06	0.00	0.01	3.20	0.32	0.16	0.13
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.13
0.70	0.06	0.00	0.02	3.30	0.33	0.17	0.14
0.75	0.07	0.00	0.02	3.35	0.34	0.18	0.14
0.80	0.07	0.00	0.03	3.40	0.34	0.18	0.14
0.85	0.08	0.01	0.03	3.45	0.35	0.19	0.14
0.90	0.08	0.01	0.04	3.50	0.35	0.19	0.14
0.95	0.09	0.01	0.04	3.55	0.36	0.19	0.14
1.00	0.09	0.01	0.04	3.60	0.37	0.20	0.14
1.05	0.10	0.01	0.05	3.65	0.37	0.20	0.14
1.10	0.10	0.01	0.05	3.70	0.38	0.21	0.14
1.15	0.11	0.02	0.05	3.75	0.38	0.21	0.14
1.20	0.11	0.02	0.06	3.80	0.39	0.22	0.15
1.25	0.12	0.02	0.06	3.85	0.40	0.22	0.15
1.30	0.12	0.02	0.06	3.90	0.40	0.23	0.15
1.35	0.13	0.02	0.07	3.95	0.41	0.24	0.15
1.40	0.13	0.03	0.07	4.00	0.41	0.24	0.15
1.45	0.14	0.03	0.07	4.05	0.42	0.25	0.15
1.50	0.14	0.03	0.07	4.10	0.43	0.25	0.15
1.55	0.15	0.04	0.08	4.15	0.43	0.26	0.15
1.60	0.15	0.04	0.08	4.20	0.44	0.26	0.15
1.65	0.16	0.04	0.08	4.25	0.44	0.27	0.16
1.70	0.16	0.04	0.08	4.30	0.45	0.27	0.16
1.75	0.17	0.05	0.09	4.35	0.46	0.28	0.16
1.80	0.17	0.05	0.09	4.40	0.46	0.28	0.16
1.85	0.18	0.05	0.09	4.45	0.47	0.29	0.16
1.90	0.18	0.06	0.09	4.50	0.47	0.29	0.16
1.95	0.19	0.06	0.10	4.55	0.48	0.30	0.16
2.00	0.19	0.06	0.10	4.60	0.49	0.31	0.16
2.05	0.20	0.07	0.10	4.65	0.49	0.31	0.16
2.10	0.20	0.07	0.10	4.70	0.50	0.32	0.16
2.15	0.21	0.07	0.10	4.75	0.51	0.32	0.16
2.20	0.21	0.08	0.10	4.80	0.51	0.33	0.17
2.25	0.22	0.08	0.11	4.85	0.52	0.33	0.17
2.30	0.22	0.09	0.11	4.90	0.52	0.34	0.17
2.35	0.23	0.09	0.11	4.95	0.53	0.35	0.17
2.40	0.23	0.09	0.11	5.00	0.54	0.35	0.17
2.45	0.24	0.10	0.11	5.05	0.54	0.36	0.17
2.50	0.24	0.10	0.11	5.10	0.55	0.36	0.17
2.55	0.25	0.10	0.12	5.15	0.56	0.37	0.17

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.17	7.80	0.97	0.76	0.27
5.25	0.57	0.38	0.17	7.85	0.98	0.77	0.28
5.30	0.58	0.39	0.17	7.90	0.99	0.78	0.28
5.35	0.58	0.39	0.17	7.95	1.00	0.79	0.28
5.40	0.59	0.40	0.18	8.00	1.01	0.80	0.29
5.45	0.60	0.41	0.18	8.05	1.02	0.81	0.29
5.50	0.60	0.41	0.18	8.10	1.03	0.82	0.29
5.55	0.61	0.42	0.18	8.15	1.04	0.83	0.29
5.60	0.62	0.42	0.18	8.20	1.05	0.84	0.29
5.65	0.62	0.43	0.18	8.25	1.06	0.85	0.30
5.70	0.63	0.44	0.18	8.30	1.07	0.86	0.30
5.75	0.64	0.44	0.18	8.35	1.08	0.87	0.30
5.80	0.64	0.45	0.18	8.40	1.10	0.88	0.30
5.85	0.65	0.45	0.18	8.45	1.11	0.89	0.31
5.90	0.66	0.46	0.18	8.50	1.12	0.91	0.31
5.95	0.66	0.47	0.18	8.55	1.13	0.92	0.31
6.00	0.67	0.47	0.18	8.60	1.14	0.93	0.31
6.05	0.68	0.48	0.19	8.65	1.15	0.94	0.32
6.10	0.68	0.49	0.19	8.70	1.16	0.95	0.32
6.15	0.69	0.49	0.19	8.75	1.17	0.96	0.32
6.20	0.70	0.50	0.19	8.80	1.19	0.97	0.32
6.25	0.70	0.51	0.20	8.85	1.20	0.98	0.33
6.30	0.71	0.51	0.20	8.90	1.21	0.99	0.33
6.35	0.72	0.52	0.20	8.95	1.22	1.01	0.33
6.40	0.73	0.53	0.20	9.00	1.23	1.02	0.34
6.45	0.73	0.54	0.21	9.05	1.25	1.03	0.34
6.50	0.74	0.54	0.21	9.10	1.26	1.04	0.35
6.55	0.75	0.55	0.21	9.15	1.27	1.05	0.36
6.60	0.76	0.56	0.21	9.20	1.28	1.07	0.37
6.65	0.77	0.57	0.22	9.25	1.30	1.08	0.38
6.70	0.77	0.57	0.22	9.30	1.31	1.09	0.39
6.75	0.78	0.58	0.22	9.35	1.33	1.11	0.39
6.80	0.79	0.59	0.22	9.40	1.34	1.12	0.40
6.85	0.80	0.60	0.23	9.45	1.35	1.14	0.41
6.90	0.81	0.60	0.23	9.50	1.37	1.15	0.42
6.95	0.81	0.61	0.23	9.55	1.39	1.17	0.43
7.00	0.82	0.62	0.23	9.60	1.40	1.18	0.44
7.05	0.83	0.63	0.24	9.65	1.42	1.20	0.45
7.10	0.84	0.64	0.24	9.70	1.43	1.21	0.46
7.15	0.85	0.65	0.24	9.75	1.45	1.23	0.47
7.20	0.86	0.65	0.24	9.80	1.47	1.25	0.48
7.25	0.87	0.66	0.25	9.85	1.49	1.27	0.49
7.30	0.88	0.67	0.25	9.90	1.50	1.28	0.50
7.35	0.89	0.68	0.25	9.95	1.52	1.30	0.51
7.40	0.89	0.69	0.25	10.00	1.54	1.32	0.51
7.45	0.90	0.70	0.26	10.05	1.56	1.34	0.52
7.50	0.91	0.71	0.26	10.10	1.58	1.36	0.53
7.55	0.92	0.72	0.26	10.15	1.60	1.37	0.54
7.60	0.93	0.73	0.26	10.20	1.62	1.39	0.55
7.65	0.94	0.73	0.27	10.25	1.64	1.41	0.56
7.70	0.95	0.74	0.27	10.30	1.66	1.43	0.57
7.75	0.96	0.75	0.27	10.35	1.68	1.45	0.58

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.59	13.00	6.41	6.18	1.14
10.45	1.72	1.50	0.60	13.05	6.45	6.21	1.08
10.50	1.74	1.52	0.61	13.10	6.48	6.24	1.01
10.55	1.76	1.54	0.63	13.15	6.51	6.27	0.96
10.60	1.79	1.56	0.66	13.20	6.54	6.30	0.92
10.65	1.81	1.59	0.69	13.25	6.57	6.33	0.89
10.70	1.84	1.62	0.73	13.30	6.60	6.36	0.85
10.75	1.87	1.64	0.76	13.35	6.63	6.39	0.82
10.80	1.90	1.67	0.80	13.40	6.65	6.41	0.78
10.85	1.93	1.70	0.83	13.45	6.68	6.44	0.75
10.90	1.96	1.73	0.87	13.50	6.70	6.46	0.71
10.95	1.99	1.77	0.90	13.55	6.72	6.48	0.68
11.00	2.03	1.80	0.94	13.60	6.74	6.50	0.64
11.05	2.06	1.84	0.99	13.65	6.76	6.53	0.62
11.10	2.10	1.87	1.06	13.70	6.78	6.55	0.61
11.15	2.14	1.92	1.12	13.75	6.80	6.57	0.60
11.20	2.19	1.96	1.19	13.80	6.82	6.59	0.59
11.25	2.23	2.01	1.25	13.85	6.84	6.61	0.58
11.30	2.28	2.05	1.32	13.90	6.86	6.62	0.57
11.35	2.33	2.10	1.38	13.95	6.88	6.64	0.56
11.40	2.38	2.16	1.45	14.00	6.90	6.66	0.55
11.45	2.44	2.21	1.50	14.05	6.92	6.68	0.54
11.50	2.49	2.26	1.56	14.10	6.94	6.70	0.53
11.55	2.58	2.35	1.78	14.15	6.95	6.72	0.52
11.60	2.66	2.43	2.24	14.20	6.97	6.73	0.51
11.65	2.75	2.52	2.44	14.25	6.99	6.75	0.51
11.70	2.84	2.61	2.55	14.30	7.01	6.77	0.50
11.75	2.97	2.74	2.81	14.35	7.02	6.78	0.49
11.80	3.09	2.86	3.31	14.40	7.04	6.80	0.48
11.85	3.26	3.03	3.82	14.45	7.05	6.82	0.47
11.90	3.43	3.20	4.59	14.50	7.07	6.83	0.46
11.95	3.73	3.49	5.68	14.55	7.09	6.85	0.45
12.00	4.02	3.79	7.61	14.60	7.10	6.86	0.44
12.05	4.52	4.28	9.64	14.65	7.11	6.88	0.43
12.10	5.01	4.77	12.72	14.70	7.13	6.89	0.42
12.15	5.18	4.94	11.79	14.75	7.14	6.90	0.41
12.20	5.35	5.11	7.29	14.80	7.16	6.92	0.40
12.25	5.47	5.24	5.21	14.85	7.17	6.93	0.40
12.30	5.60	5.36	4.06	14.90	7.18	6.94	0.39
12.35	5.69	5.45	3.46	14.95	7.19	6.96	0.38
12.40	5.78	5.54	2.88	15.00	7.21	6.97	0.37
12.45	5.86	5.62	2.64	15.05	7.22	6.98	0.36
12.50	5.95	5.71	2.52	15.10	7.23	6.99	0.35
12.55	6.00	5.76	2.29	15.15	7.24	7.00	0.34
12.60	6.06	5.82	1.83	15.20	7.25	7.02	0.34
12.65	6.11	5.87	1.63	15.25	7.27	7.03	0.34
12.70	6.16	5.92	1.54	15.30	7.28	7.04	0.33
12.75	6.21	5.97	1.48	15.35	7.29	7.05	0.33
12.80	6.25	6.02	1.40	15.40	7.30	7.06	0.33
12.85	6.30	6.06	1.34	15.45	7.31	7.07	0.33
12.90	6.34	6.10	1.27	15.50	7.32	7.08	0.33
12.95	6.38	6.14	1.21	15.55	7.33	7.09	0.32

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.32	18.20	7.80	7.56	0.20
15.65	7.36	7.12	0.32	18.25	7.80	7.57	0.20
15.70	7.37	7.13	0.32	18.30	7.81	7.57	0.20
15.75	7.38	7.14	0.31	18.35	7.82	7.58	0.19
15.80	7.39	7.15	0.31	18.40	7.82	7.59	0.19
15.85	7.40	7.16	0.31	18.45	7.83	7.59	0.19
15.90	7.41	7.17	0.31	18.50	7.84	7.60	0.19
15.95	7.42	7.18	0.30	18.55	7.84	7.61	0.19
16.00	7.43	7.19	0.30	18.60	7.85	7.61	0.19
16.05	7.44	7.20	0.30	18.65	7.86	7.62	0.19
16.10	7.45	7.21	0.30	18.70	7.86	7.62	0.19
16.15	7.46	7.22	0.29	18.75	7.87	7.63	0.19
16.20	7.47	7.23	0.29	18.80	7.88	7.64	0.19
16.25	7.48	7.24	0.29	18.85	7.88	7.64	0.19
16.30	7.49	7.25	0.29	18.90	7.89	7.65	0.19
16.35	7.50	7.26	0.28	18.95	7.90	7.66	0.19
16.40	7.51	7.27	0.28	19.00	7.90	7.66	0.19
16.45	7.52	7.28	0.28	19.05	7.91	7.67	0.19
16.50	7.53	7.29	0.28	19.10	7.92	7.68	0.19
16.55	7.54	7.30	0.27	19.15	7.92	7.68	0.18
16.60	7.55	7.31	0.27	19.20	7.93	7.69	0.18
16.65	7.55	7.32	0.27	19.25	7.93	7.70	0.18
16.70	7.56	7.32	0.27	19.30	7.94	7.70	0.18
16.75	7.57	7.33	0.26	19.35	7.95	7.71	0.18
16.80	7.58	7.34	0.26	19.40	7.95	7.71	0.18
16.85	7.59	7.35	0.26	19.45	7.96	7.72	0.18
16.90	7.60	7.36	0.26	19.50	7.97	7.73	0.18
16.95	7.61	7.37	0.26	19.55	7.97	7.73	0.18
17.00	7.62	7.38	0.25	19.60	7.98	7.74	0.18
17.05	7.63	7.39	0.25	19.65	7.98	7.74	0.18
17.10	7.63	7.39	0.25	19.70	7.99	7.75	0.18
17.15	7.64	7.40	0.25	19.75	8.00	7.76	0.18
17.20	7.65	7.41	0.24	19.80	8.00	7.76	0.18
17.25	7.66	7.42	0.24	19.85	8.01	7.77	0.18
17.30	7.67	7.43	0.24	19.90	8.01	7.78	0.18
17.35	7.67	7.43	0.23	19.95	8.02	7.78	0.18
17.40	7.68	7.44	0.23	20.00	8.03	7.79	0.17
17.45	7.69	7.45	0.23	20.05	8.03	7.79	0.17
17.50	7.70	7.46	0.23	20.10	8.04	7.80	0.17
17.55	7.71	7.47	0.23	20.15	8.04	7.80	0.17
17.60	7.71	7.47	0.22	20.20	8.05	7.81	0.17
17.65	7.72	7.48	0.22	20.25	8.06	7.82	0.17
17.70	7.73	7.49	0.22	20.30	8.06	7.82	0.17
17.75	7.74	7.50	0.22	20.35	8.07	7.83	0.17
17.80	7.74	7.50	0.21	20.40	8.07	7.83	0.17
17.85	7.75	7.51	0.21	20.45	8.08	7.84	0.17
17.90	7.76	7.52	0.21	20.50	8.09	7.85	0.17
17.95	7.76	7.52	0.21	20.55	8.09	7.85	0.17
18.00	7.77	7.53	0.20	20.60	8.10	7.86	0.17
18.05	7.78	7.54	0.20	20.65	8.10	7.86	0.17
18.10	7.78	7.55	0.20	20.70	8.11	7.87	0.17
18.15	7.79	7.55	0.20	20.75	8.11	7.87	0.17

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.16	23.40	8.38	8.14	0.13
20.85	8.13	7.89	0.16	23.45	8.39	8.15	0.13
20.90	8.13	7.89	0.16	23.50	8.39	8.15	0.13
20.95	8.14	7.90	0.16	23.55	8.40	8.16	0.13
21.00	8.14	7.90	0.16	23.60	8.40	8.16	0.13
21.05	8.15	7.91	0.16	23.65	8.41	8.17	0.13
21.10	8.15	7.91	0.16	23.70	8.41	8.17	0.13
21.15	8.16	7.92	0.16	23.75	8.42	8.18	0.13
21.20	8.16	7.92	0.16	23.80	8.42	8.18	0.13
21.25	8.17	7.93	0.16	23.85	8.42	8.18	0.13
21.30	8.18	7.94	0.16	23.90	8.43	8.19	0.13
21.35	8.18	7.94	0.16	23.95	8.43	8.19	0.13
21.40	8.19	7.95	0.16	24.00	8.44	8.20	0.15
21.45	8.19	7.95	0.16	24.05	8.44	8.20	0.12
21.50	8.20	7.96	0.16	24.10	8.44	8.20	0.04
21.55	8.20	7.96	0.16	24.15	8.44	8.20	0.01
21.60	8.21	7.97	0.15	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.15	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.15	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.15	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.15	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.15	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.15	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.15	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.15	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.15	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.15	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.15	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.15	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.15	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.15	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.15	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.14	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.14	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.14	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.14	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.14	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.14	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.14	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.14	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.14	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.14	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.14	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.14	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.14	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.14	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.14	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.14	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.14	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.13	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.13	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.13	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 45P: PDA-45 (pervious)

Runoff = 6.35 cfs @ 12.09 hrs, Volume= 0.378 af, Depth= 5.32"
 Routed to Pond B-45 : Basin #45

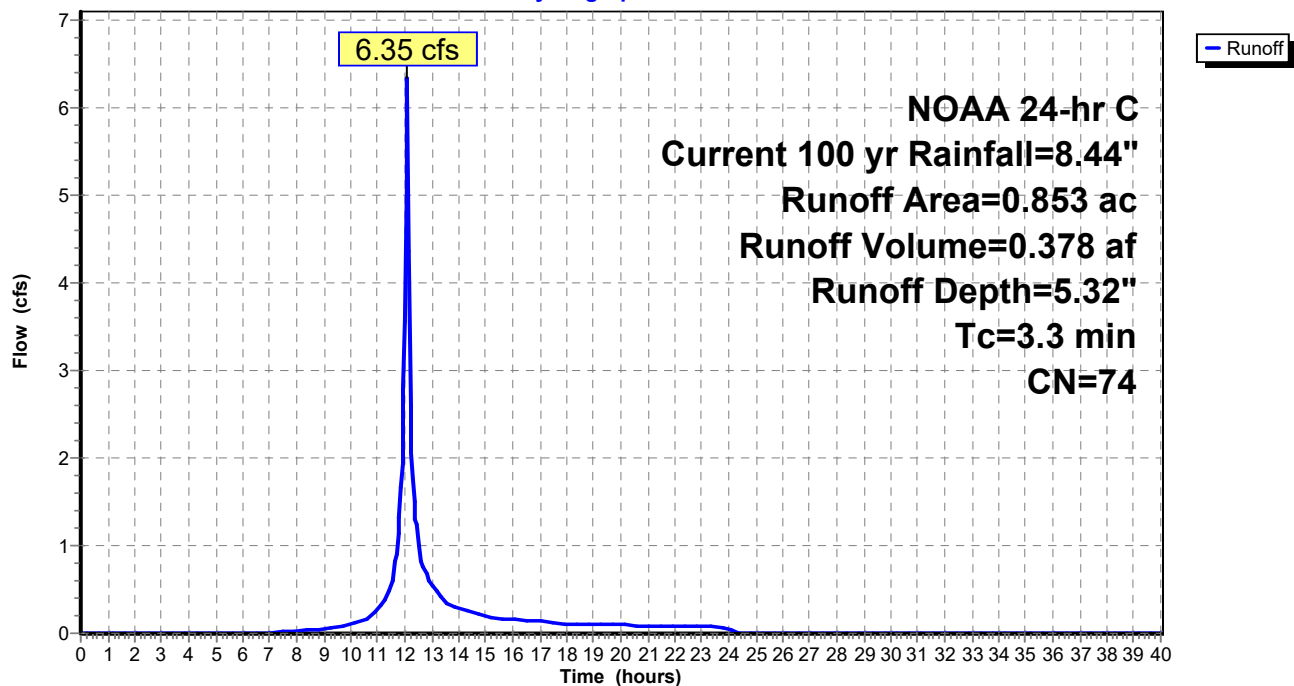
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.853	74	>75% Grass cover, Good, HSG C
0.853		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.3					Direct Entry,

Subcatchment 45P: PDA-45 (pervious)

Hydrograph



Hydrograph for Subcatchment 45P: PDA-45 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.02
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.02
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.02
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.03
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.03
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.03
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.03
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.03
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.03
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.03
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.03
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.03
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.03
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.04
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.04
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.04
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.04
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.04
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.04
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.04
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.04
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.05
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.05
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.05
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.05
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.05
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.05
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.06
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.06
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.06
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.06
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.07
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.07
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.07
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.07
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.08
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.08
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.08
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.09
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.09
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.09
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.10
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.10
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.10
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.11
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.11
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.11
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.12
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.12
7.65	0.94	0.02	0.02	10.25	1.64	0.20	0.13
7.70	0.95	0.02	0.02	10.30	1.66	0.20	0.13
7.75	0.96	0.02	0.02	10.35	1.68	0.21	0.13

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.14	13.00	6.41	3.54	0.56
10.45	1.72	0.23	0.14	13.05	6.45	3.57	0.52
10.50	1.74	0.24	0.15	13.10	6.48	3.59	0.50
10.55	1.76	0.25	0.16	13.15	6.51	3.62	0.47
10.60	1.79	0.26	0.17	13.20	6.54	3.65	0.46
10.65	1.81	0.27	0.18	13.25	6.57	3.67	0.44
10.70	1.84	0.28	0.19	13.30	6.60	3.70	0.42
10.75	1.87	0.29	0.20	13.35	6.63	3.72	0.40
10.80	1.90	0.30	0.21	13.40	6.65	3.74	0.39
10.85	1.93	0.32	0.23	13.45	6.68	3.76	0.37
10.90	1.96	0.33	0.24	13.50	6.70	3.78	0.35
10.95	1.99	0.35	0.25	13.55	6.72	3.80	0.33
11.00	2.03	0.36	0.27	13.60	6.74	3.82	0.32
11.05	2.06	0.38	0.29	13.65	6.76	3.84	0.31
11.10	2.10	0.40	0.31	13.70	6.78	3.85	0.31
11.15	2.14	0.42	0.34	13.75	6.80	3.87	0.30
11.20	2.19	0.44	0.36	13.80	6.82	3.89	0.30
11.25	2.23	0.46	0.39	13.85	6.84	3.91	0.29
11.30	2.28	0.49	0.41	13.90	6.86	3.92	0.29
11.35	2.33	0.52	0.45	13.95	6.88	3.94	0.29
11.40	2.38	0.54	0.47	14.00	6.90	3.96	0.28
11.45	2.44	0.57	0.50	14.05	6.92	3.97	0.28
11.50	2.49	0.60	0.52	14.10	6.94	3.99	0.27
11.55	2.58	0.65	0.69	14.15	6.95	4.00	0.27
11.60	2.66	0.70	0.83	14.20	6.97	4.02	0.26
11.65	2.75	0.76	0.89	14.25	6.99	4.03	0.26
11.70	2.84	0.81	0.93	14.30	7.01	4.05	0.25
11.75	2.97	0.89	1.14	14.35	7.02	4.06	0.25
11.80	3.09	0.97	1.32	14.40	7.04	4.08	0.24
11.85	3.26	1.08	1.65	14.45	7.05	4.09	0.24
11.90	3.43	1.19	1.94	14.50	7.07	4.10	0.24
11.95	3.73	1.40	2.80	14.55	7.09	4.12	0.23
12.00	4.02	1.61	3.56	14.60	7.10	4.13	0.23
12.05	4.52	1.98	5.08	14.65	7.11	4.14	0.22
12.10	5.01	2.37	6.33	14.70	7.13	4.15	0.22
12.15	5.18	2.51	4.36	14.75	7.14	4.17	0.21
12.20	5.35	2.65	2.60	14.80	7.16	4.18	0.21
12.25	5.47	2.75	2.06	14.85	7.17	4.19	0.20
12.30	5.60	2.85	1.77	14.90	7.18	4.20	0.20
12.35	5.69	2.92	1.50	14.95	7.19	4.21	0.19
12.40	5.78	3.00	1.31	15.00	7.21	4.22	0.19
12.45	5.86	3.07	1.25	15.05	7.22	4.23	0.18
12.50	5.95	3.14	1.22	15.10	7.23	4.24	0.18
12.55	6.00	3.19	1.00	15.15	7.24	4.25	0.18
12.60	6.06	3.23	0.82	15.20	7.25	4.26	0.18
12.65	6.11	3.28	0.77	15.25	7.27	4.27	0.17
12.70	6.16	3.32	0.75	15.30	7.28	4.28	0.17
12.75	6.21	3.36	0.72	15.35	7.29	4.29	0.17
12.80	6.25	3.40	0.69	15.40	7.30	4.30	0.17
12.85	6.30	3.44	0.65	15.45	7.31	4.31	0.17
12.90	6.34	3.47	0.63	15.50	7.32	4.32	0.17
12.95	6.38	3.50	0.59	15.55	7.33	4.33	0.17

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.17	18.20	7.80	4.75	0.10
15.65	7.36	4.35	0.17	18.25	7.80	4.75	0.10
15.70	7.37	4.36	0.16	18.30	7.81	4.76	0.10
15.75	7.38	4.37	0.16	18.35	7.82	4.76	0.10
15.80	7.39	4.38	0.16	18.40	7.82	4.77	0.10
15.85	7.40	4.39	0.16	18.45	7.83	4.78	0.10
15.90	7.41	4.40	0.16	18.50	7.84	4.78	0.10
15.95	7.42	4.41	0.16	18.55	7.84	4.79	0.10
16.00	7.43	4.42	0.16	18.60	7.85	4.79	0.10
16.05	7.44	4.43	0.16	18.65	7.86	4.80	0.10
16.10	7.45	4.44	0.15	18.70	7.86	4.80	0.10
16.15	7.46	4.44	0.15	18.75	7.87	4.81	0.10
16.20	7.47	4.45	0.15	18.80	7.88	4.82	0.10
16.25	7.48	4.46	0.15	18.85	7.88	4.82	0.10
16.30	7.49	4.47	0.15	18.90	7.89	4.83	0.10
16.35	7.50	4.48	0.15	18.95	7.90	4.83	0.10
16.40	7.51	4.49	0.15	19.00	7.90	4.84	0.10
16.45	7.52	4.50	0.15	19.05	7.91	4.84	0.10
16.50	7.53	4.50	0.14	19.10	7.92	4.85	0.10
16.55	7.54	4.51	0.14	19.15	7.92	4.86	0.10
16.60	7.55	4.52	0.14	19.20	7.93	4.86	0.10
16.65	7.55	4.53	0.14	19.25	7.93	4.87	0.10
16.70	7.56	4.54	0.14	19.30	7.94	4.87	0.10
16.75	7.57	4.55	0.14	19.35	7.95	4.88	0.10
16.80	7.58	4.55	0.14	19.40	7.95	4.88	0.10
16.85	7.59	4.56	0.14	19.45	7.96	4.89	0.10
16.90	7.60	4.57	0.13	19.50	7.97	4.90	0.10
16.95	7.61	4.58	0.13	19.55	7.97	4.90	0.10
17.00	7.62	4.58	0.13	19.60	7.98	4.91	0.09
17.05	7.63	4.59	0.13	19.65	7.98	4.91	0.09
17.10	7.63	4.60	0.13	19.70	7.99	4.92	0.09
17.15	7.64	4.61	0.13	19.75	8.00	4.92	0.09
17.20	7.65	4.61	0.13	19.80	8.00	4.93	0.09
17.25	7.66	4.62	0.13	19.85	8.01	4.93	0.09
17.30	7.67	4.63	0.12	19.90	8.01	4.94	0.09
17.35	7.67	4.64	0.12	19.95	8.02	4.94	0.09
17.40	7.68	4.64	0.12	20.00	8.03	4.95	0.09
17.45	7.69	4.65	0.12	20.05	8.03	4.96	0.09
17.50	7.70	4.66	0.12	20.10	8.04	4.96	0.09
17.55	7.71	4.66	0.12	20.15	8.04	4.97	0.09
17.60	7.71	4.67	0.12	20.20	8.05	4.97	0.09
17.65	7.72	4.68	0.12	20.25	8.06	4.98	0.09
17.70	7.73	4.68	0.11	20.30	8.06	4.98	0.09
17.75	7.74	4.69	0.11	20.35	8.07	4.99	0.09
17.80	7.74	4.70	0.11	20.40	8.07	4.99	0.09
17.85	7.75	4.70	0.11	20.45	8.08	5.00	0.09
17.90	7.76	4.71	0.11	20.50	8.09	5.00	0.09
17.95	7.76	4.72	0.11	20.55	8.09	5.01	0.09
18.00	7.77	4.72	0.11	20.60	8.10	5.01	0.09
18.05	7.78	4.73	0.11	20.65	8.10	5.02	0.09
18.10	7.78	4.73	0.10	20.70	8.11	5.02	0.09
18.15	7.79	4.74	0.10	20.75	8.11	5.03	0.09

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.09	23.40	8.38	5.27	0.07
20.85	8.13	5.04	0.09	23.45	8.39	5.28	0.07
20.90	8.13	5.04	0.09	23.50	8.39	5.28	0.07
20.95	8.14	5.05	0.09	23.55	8.40	5.28	0.07
21.00	8.14	5.05	0.09	23.60	8.40	5.29	0.07
21.05	8.15	5.06	0.09	23.65	8.41	5.29	0.07
21.10	8.15	5.06	0.09	23.70	8.41	5.30	0.07
21.15	8.16	5.07	0.08	23.75	8.42	5.30	0.07
21.20	8.16	5.07	0.08	23.80	8.42	5.30	0.07
21.25	8.17	5.08	0.08	23.85	8.42	5.31	0.07
21.30	8.18	5.08	0.08	23.90	8.43	5.31	0.07
21.35	8.18	5.09	0.08	23.95	8.43	5.32	0.08
21.40	8.19	5.09	0.08	24.00	8.44	5.32	0.08
21.45	8.19	5.10	0.08	24.05	8.44	5.32	0.04
21.50	8.20	5.10	0.08	24.10	8.44	5.32	0.00
21.55	8.20	5.11	0.08	24.15	8.44	5.32	0.00
21.60	8.21	5.11	0.08	24.20	8.44	5.32	0.00
21.65	8.21	5.12	0.08	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.08	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.08	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.08	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.08	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.08	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.08	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.08	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.08	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.08	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.08	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.08	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.08	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.08	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.08	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.08	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.08	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.08	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.08	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.08	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.08	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.08	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.07	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.07	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.07	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.07	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.07	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.07	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.07	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.07	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.07	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.07	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.07	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.07	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.07	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 46BP: PDA-46B (pervious)

Runoff = 3.06 cfs @ 12.12 hrs, Volume= 0.200 af, Depth= 5.32"
 Routed to Pond B-46B : Basin #46B

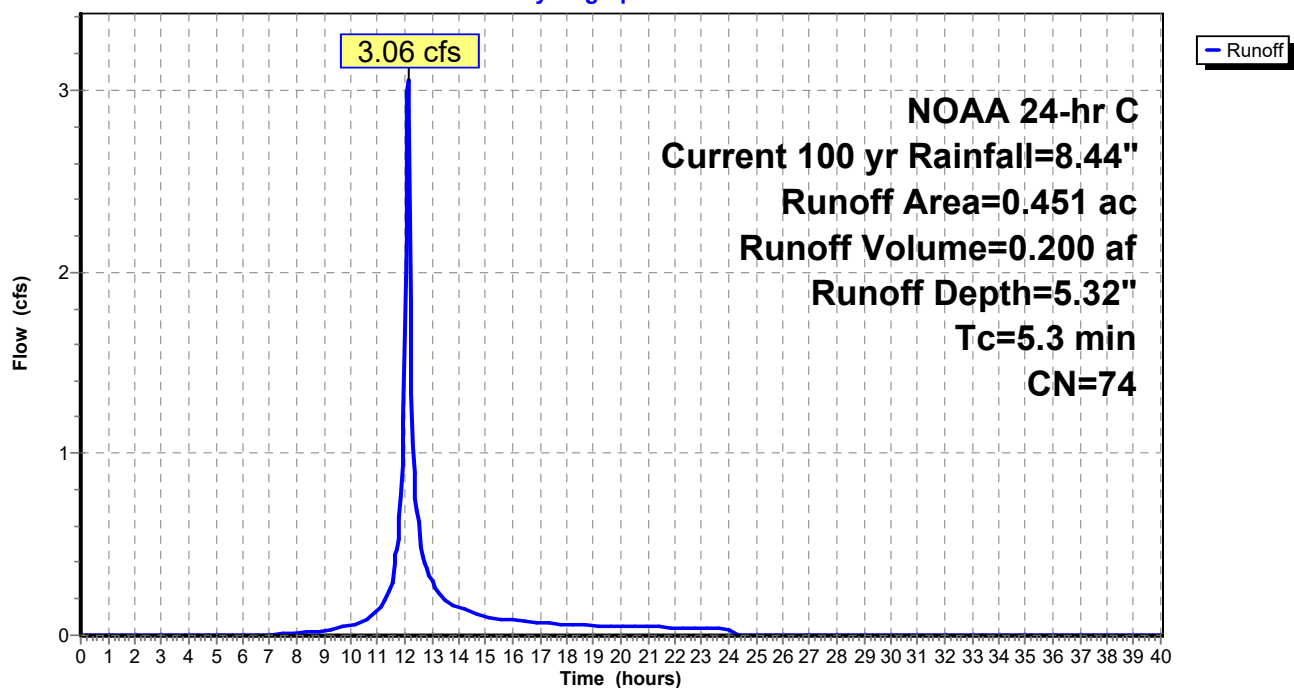
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.451	74	>75% Grass cover, Good, HSG C
0.451		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.3					Direct Entry,

Subcatchment 46BP: PDA-46B (pervious)

Hydrograph



Hydrograph for Subcatchment 46BP: PDA-46B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.01
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.01
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.01
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.01
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.01
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.01
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.01
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.02
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.02
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.02
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.02
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.02
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.02
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.02
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.02
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.02
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.02
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.02
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.02
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.02
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.02
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.02
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.02
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.02
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.03
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.03
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.03
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.03
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.03
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.03
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.03
6.75	0.78	0.00	0.00	9.35	1.33	0.09	0.03
6.80	0.79	0.00	0.00	9.40	1.34	0.10	0.04
6.85	0.80	0.00	0.00	9.45	1.35	0.10	0.04
6.90	0.81	0.00	0.00	9.50	1.37	0.11	0.04
6.95	0.81	0.00	0.00	9.55	1.39	0.11	0.04
7.00	0.82	0.00	0.00	9.60	1.40	0.12	0.04
7.05	0.83	0.00	0.00	9.65	1.42	0.12	0.04
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.04
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.05
7.20	0.86	0.01	0.01	9.80	1.47	0.14	0.05
7.25	0.87	0.01	0.01	9.85	1.49	0.14	0.05
7.30	0.88	0.01	0.01	9.90	1.50	0.15	0.05
7.35	0.89	0.01	0.01	9.95	1.52	0.15	0.05
7.40	0.89	0.01	0.01	10.00	1.54	0.16	0.06
7.45	0.90	0.01	0.01	10.05	1.56	0.17	0.06
7.50	0.91	0.01	0.01	10.10	1.58	0.17	0.06
7.55	0.92	0.01	0.01	10.15	1.60	0.18	0.06
7.60	0.93	0.01	0.01	10.20	1.62	0.19	0.06
7.65	0.94	0.02	0.01	10.25	1.64	0.20	0.07
7.70	0.95	0.02	0.01	10.30	1.66	0.20	0.07
7.75	0.96	0.02	0.01	10.35	1.68	0.21	0.07

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.07	13.00	6.41	3.54	0.30
10.45	1.72	0.23	0.07	13.05	6.45	3.57	0.29
10.50	1.74	0.24	0.08	13.10	6.48	3.59	0.27
10.55	1.76	0.25	0.08	13.15	6.51	3.62	0.26
10.60	1.79	0.26	0.09	13.20	6.54	3.65	0.25
10.65	1.81	0.27	0.09	13.25	6.57	3.67	0.24
10.70	1.84	0.28	0.10	13.30	6.60	3.70	0.23
10.75	1.87	0.29	0.10	13.35	6.63	3.72	0.22
10.80	1.90	0.30	0.11	13.40	6.65	3.74	0.21
10.85	1.93	0.32	0.12	13.45	6.68	3.76	0.20
10.90	1.96	0.33	0.12	13.50	6.70	3.78	0.19
10.95	1.99	0.35	0.13	13.55	6.72	3.80	0.18
11.00	2.03	0.36	0.14	13.60	6.74	3.82	0.17
11.05	2.06	0.38	0.15	13.65	6.76	3.84	0.17
11.10	2.10	0.40	0.16	13.70	6.78	3.85	0.16
11.15	2.14	0.42	0.17	13.75	6.80	3.87	0.16
11.20	2.19	0.44	0.18	13.80	6.82	3.89	0.16
11.25	2.23	0.46	0.20	13.85	6.84	3.91	0.16
11.30	2.28	0.49	0.21	13.90	6.86	3.92	0.15
11.35	2.33	0.52	0.23	13.95	6.88	3.94	0.15
11.40	2.38	0.54	0.24	14.00	6.90	3.96	0.15
11.45	2.44	0.57	0.25	14.05	6.92	3.97	0.15
11.50	2.49	0.60	0.27	14.10	6.94	3.99	0.14
11.55	2.58	0.65	0.31	14.15	6.95	4.00	0.14
11.60	2.66	0.70	0.40	14.20	6.97	4.02	0.14
11.65	2.75	0.76	0.44	14.25	6.99	4.03	0.14
11.70	2.84	0.81	0.48	14.30	7.01	4.05	0.14
11.75	2.97	0.89	0.53	14.35	7.02	4.06	0.13
11.80	3.09	0.97	0.65	14.40	7.04	4.08	0.13
11.85	3.26	1.08	0.76	14.45	7.05	4.09	0.13
11.90	3.43	1.19	0.94	14.50	7.07	4.10	0.13
11.95	3.73	1.40	1.20	14.55	7.09	4.12	0.12
12.00	4.02	1.61	1.66	14.60	7.10	4.13	0.12
12.05	4.52	1.98	2.17	14.65	7.11	4.14	0.12
12.10	5.01	2.37	2.99	14.70	7.13	4.15	0.12
12.15	5.18	2.51	2.88	14.75	7.14	4.17	0.11
12.20	5.35	2.65	1.84	14.80	7.16	4.18	0.11
12.25	5.47	2.75	1.33	14.85	7.17	4.19	0.11
12.30	5.60	2.85	1.05	14.90	7.18	4.20	0.11
12.35	5.69	2.92	0.90	14.95	7.19	4.21	0.10
12.40	5.78	3.00	0.75	15.00	7.21	4.22	0.10
12.45	5.86	3.07	0.69	15.05	7.22	4.23	0.10
12.50	5.95	3.14	0.66	15.10	7.23	4.24	0.10
12.55	6.00	3.19	0.60	15.15	7.24	4.25	0.09
12.60	6.06	3.23	0.48	15.20	7.25	4.26	0.09
12.65	6.11	3.28	0.43	15.25	7.27	4.27	0.09
12.70	6.16	3.32	0.41	15.30	7.28	4.28	0.09
12.75	6.21	3.36	0.39	15.35	7.29	4.29	0.09
12.80	6.25	3.40	0.37	15.40	7.30	4.30	0.09
12.85	6.30	3.44	0.36	15.45	7.31	4.31	0.09
12.90	6.34	3.47	0.34	15.50	7.32	4.32	0.09
12.95	6.38	3.50	0.32	15.55	7.33	4.33	0.09

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.09	18.20	7.80	4.75	0.05
15.65	7.36	4.35	0.09	18.25	7.80	4.75	0.05
15.70	7.37	4.36	0.09	18.30	7.81	4.76	0.05
15.75	7.38	4.37	0.09	18.35	7.82	4.76	0.05
15.80	7.39	4.38	0.09	18.40	7.82	4.77	0.05
15.85	7.40	4.39	0.09	18.45	7.83	4.78	0.05
15.90	7.41	4.40	0.08	18.50	7.84	4.78	0.05
15.95	7.42	4.41	0.08	18.55	7.84	4.79	0.05
16.00	7.43	4.42	0.08	18.60	7.85	4.79	0.05
16.05	7.44	4.43	0.08	18.65	7.86	4.80	0.05
16.10	7.45	4.44	0.08	18.70	7.86	4.80	0.05
16.15	7.46	4.44	0.08	18.75	7.87	4.81	0.05
16.20	7.47	4.45	0.08	18.80	7.88	4.82	0.05
16.25	7.48	4.46	0.08	18.85	7.88	4.82	0.05
16.30	7.49	4.47	0.08	18.90	7.89	4.83	0.05
16.35	7.50	4.48	0.08	18.95	7.90	4.83	0.05
16.40	7.51	4.49	0.08	19.00	7.90	4.84	0.05
16.45	7.52	4.50	0.08	19.05	7.91	4.84	0.05
16.50	7.53	4.50	0.08	19.10	7.92	4.85	0.05
16.55	7.54	4.51	0.08	19.15	7.92	4.86	0.05
16.60	7.55	4.52	0.08	19.20	7.93	4.86	0.05
16.65	7.55	4.53	0.07	19.25	7.93	4.87	0.05
16.70	7.56	4.54	0.07	19.30	7.94	4.87	0.05
16.75	7.57	4.55	0.07	19.35	7.95	4.88	0.05
16.80	7.58	4.55	0.07	19.40	7.95	4.88	0.05
16.85	7.59	4.56	0.07	19.45	7.96	4.89	0.05
16.90	7.60	4.57	0.07	19.50	7.97	4.90	0.05
16.95	7.61	4.58	0.07	19.55	7.97	4.90	0.05
17.00	7.62	4.58	0.07	19.60	7.98	4.91	0.05
17.05	7.63	4.59	0.07	19.65	7.98	4.91	0.05
17.10	7.63	4.60	0.07	19.70	7.99	4.92	0.05
17.15	7.64	4.61	0.07	19.75	8.00	4.92	0.05
17.20	7.65	4.61	0.07	19.80	8.00	4.93	0.05
17.25	7.66	4.62	0.07	19.85	8.01	4.93	0.05
17.30	7.67	4.63	0.07	19.90	8.01	4.94	0.05
17.35	7.67	4.64	0.07	19.95	8.02	4.94	0.05
17.40	7.68	4.64	0.06	20.00	8.03	4.95	0.05
17.45	7.69	4.65	0.06	20.05	8.03	4.96	0.05
17.50	7.70	4.66	0.06	20.10	8.04	4.96	0.05
17.55	7.71	4.66	0.06	20.15	8.04	4.97	0.05
17.60	7.71	4.67	0.06	20.20	8.05	4.97	0.05
17.65	7.72	4.68	0.06	20.25	8.06	4.98	0.05
17.70	7.73	4.68	0.06	20.30	8.06	4.98	0.05
17.75	7.74	4.69	0.06	20.35	8.07	4.99	0.05
17.80	7.74	4.70	0.06	20.40	8.07	4.99	0.05
17.85	7.75	4.70	0.06	20.45	8.08	5.00	0.05
17.90	7.76	4.71	0.06	20.50	8.09	5.00	0.05
17.95	7.76	4.72	0.06	20.55	8.09	5.01	0.05
18.00	7.77	4.72	0.06	20.60	8.10	5.01	0.05
18.05	7.78	4.73	0.06	20.65	8.10	5.02	0.05
18.10	7.78	4.73	0.06	20.70	8.11	5.02	0.05
18.15	7.79	4.74	0.06	20.75	8.11	5.03	0.05

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.05	23.40	8.38	5.27	0.04
20.85	8.13	5.04	0.05	23.45	8.39	5.28	0.04
20.90	8.13	5.04	0.05	23.50	8.39	5.28	0.04
20.95	8.14	5.05	0.05	23.55	8.40	5.28	0.04
21.00	8.14	5.05	0.05	23.60	8.40	5.29	0.04
21.05	8.15	5.06	0.05	23.65	8.41	5.29	0.04
21.10	8.15	5.06	0.05	23.70	8.41	5.30	0.04
21.15	8.16	5.07	0.05	23.75	8.42	5.30	0.04
21.20	8.16	5.07	0.04	23.80	8.42	5.30	0.04
21.25	8.17	5.08	0.04	23.85	8.42	5.31	0.04
21.30	8.18	5.08	0.04	23.90	8.43	5.31	0.04
21.35	8.18	5.09	0.04	23.95	8.43	5.32	0.04
21.40	8.19	5.09	0.04	24.00	8.44	5.32	0.04
21.45	8.19	5.10	0.04	24.05	8.44	5.32	0.03
21.50	8.20	5.10	0.04	24.10	8.44	5.32	0.01
21.55	8.20	5.11	0.04	24.15	8.44	5.32	0.00
21.60	8.21	5.11	0.04	24.20	8.44	5.32	0.00
21.65	8.21	5.12	0.04	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.04	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.04	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.04	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.04	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.04	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.04	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.04	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.04	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.04	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.04	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.04	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.04	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.04	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.04	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.04	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.04	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.04	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.04	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.04	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.04	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.04	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.04	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.04	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.04	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.04	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.04	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.04	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.04	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.04	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.04	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.04	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.04	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.04	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.04	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 46I: PDA-46 (impervious)

Runoff = 11.54 cfs @ 12.08 hrs, Volume= 0.784 af, Depth= 8.20"
 Routed to Pond B-46A : Basin #46A

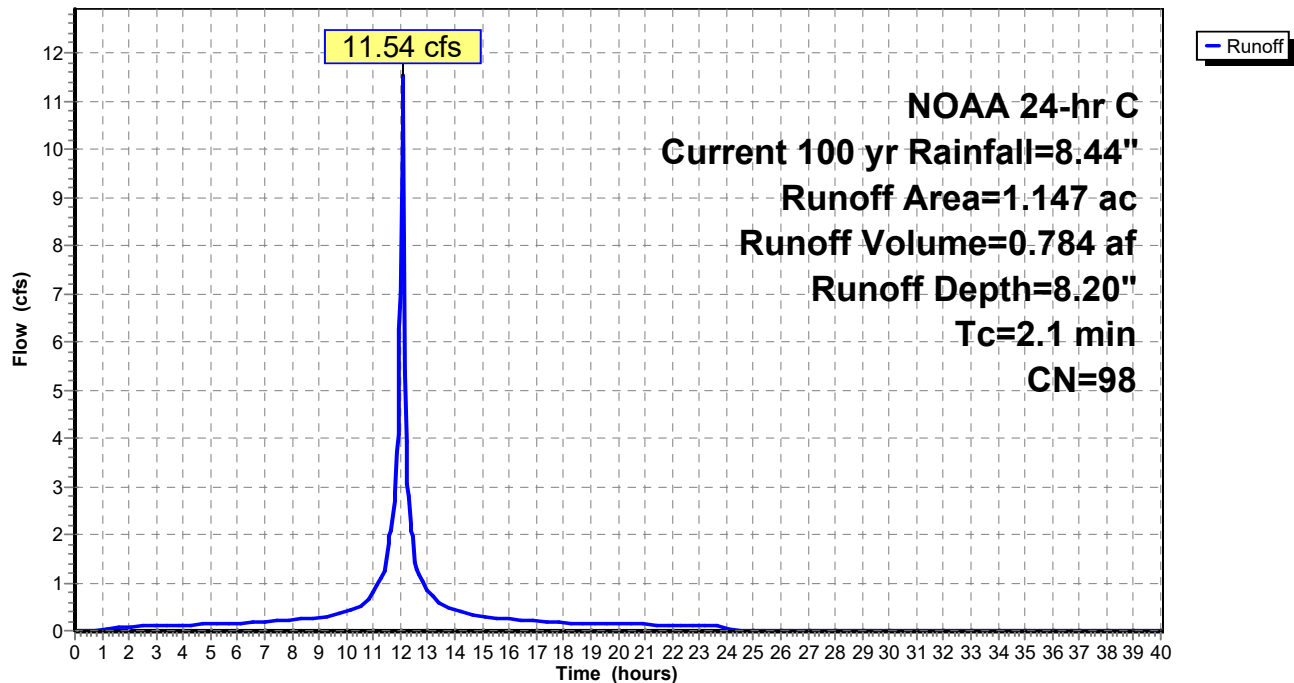
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.430	98	Pavement, HSG C
* 0.653	98	Roof, HSG C
* 0.064	98	Concrete, HSG C
1.147	98	Weighted Average
1.147		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.1					Direct Entry,

Subcatchment 46I: PDA-46 (impervious)

Hydrograph



Hydrograph for Subcatchment 46I: PDA-46 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.09
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.10
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.10
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.10
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.10
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.10
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.10
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.10
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.10
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.10
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.10
0.55	0.05	0.00	0.01	3.15	0.31	0.16	0.11
0.60	0.06	0.00	0.01	3.20	0.32	0.16	0.11
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.11
0.70	0.06	0.00	0.02	3.30	0.33	0.17	0.11
0.75	0.07	0.00	0.02	3.35	0.34	0.18	0.11
0.80	0.07	0.00	0.03	3.40	0.34	0.18	0.11
0.85	0.08	0.01	0.03	3.45	0.35	0.19	0.11
0.90	0.08	0.01	0.03	3.50	0.35	0.19	0.11
0.95	0.09	0.01	0.03	3.55	0.36	0.19	0.11
1.00	0.09	0.01	0.04	3.60	0.37	0.20	0.11
1.05	0.10	0.01	0.04	3.65	0.37	0.20	0.11
1.10	0.10	0.01	0.04	3.70	0.38	0.21	0.12
1.15	0.11	0.02	0.05	3.75	0.38	0.21	0.12
1.20	0.11	0.02	0.05	3.80	0.39	0.22	0.12
1.25	0.12	0.02	0.05	3.85	0.40	0.22	0.12
1.30	0.12	0.02	0.05	3.90	0.40	0.23	0.12
1.35	0.13	0.02	0.05	3.95	0.41	0.24	0.12
1.40	0.13	0.03	0.06	4.00	0.41	0.24	0.12
1.45	0.14	0.03	0.06	4.05	0.42	0.25	0.12
1.50	0.14	0.03	0.06	4.10	0.43	0.25	0.12
1.55	0.15	0.04	0.06	4.15	0.43	0.26	0.12
1.60	0.15	0.04	0.06	4.20	0.44	0.26	0.12
1.65	0.16	0.04	0.07	4.25	0.44	0.27	0.12
1.70	0.16	0.04	0.07	4.30	0.45	0.27	0.13
1.75	0.17	0.05	0.07	4.35	0.46	0.28	0.13
1.80	0.17	0.05	0.07	4.40	0.46	0.28	0.13
1.85	0.18	0.05	0.07	4.45	0.47	0.29	0.13
1.90	0.18	0.06	0.08	4.50	0.47	0.29	0.13
1.95	0.19	0.06	0.08	4.55	0.48	0.30	0.13
2.00	0.19	0.06	0.08	4.60	0.49	0.31	0.13
2.05	0.20	0.07	0.08	4.65	0.49	0.31	0.13
2.10	0.20	0.07	0.08	4.70	0.50	0.32	0.13
2.15	0.21	0.07	0.08	4.75	0.51	0.32	0.13
2.20	0.21	0.08	0.08	4.80	0.51	0.33	0.13
2.25	0.22	0.08	0.09	4.85	0.52	0.33	0.13
2.30	0.22	0.09	0.09	4.90	0.52	0.34	0.13
2.35	0.23	0.09	0.09	4.95	0.53	0.35	0.13
2.40	0.23	0.09	0.09	5.00	0.54	0.35	0.13
2.45	0.24	0.10	0.09	5.05	0.54	0.36	0.14
2.50	0.24	0.10	0.09	5.10	0.55	0.36	0.14
2.55	0.25	0.10	0.09	5.15	0.56	0.37	0.14

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.14	7.80	0.97	0.76	0.22
5.25	0.57	0.38	0.14	7.85	0.98	0.77	0.22
5.30	0.58	0.39	0.14	7.90	0.99	0.78	0.22
5.35	0.58	0.39	0.14	7.95	1.00	0.79	0.23
5.40	0.59	0.40	0.14	8.00	1.01	0.80	0.23
5.45	0.60	0.41	0.14	8.05	1.02	0.81	0.23
5.50	0.60	0.41	0.14	8.10	1.03	0.82	0.23
5.55	0.61	0.42	0.14	8.15	1.04	0.83	0.24
5.60	0.62	0.42	0.14	8.20	1.05	0.84	0.24
5.65	0.62	0.43	0.14	8.25	1.06	0.85	0.24
5.70	0.63	0.44	0.14	8.30	1.07	0.86	0.24
5.75	0.64	0.44	0.14	8.35	1.08	0.87	0.24
5.80	0.64	0.45	0.15	8.40	1.10	0.88	0.24
5.85	0.65	0.45	0.15	8.45	1.11	0.89	0.25
5.90	0.66	0.46	0.15	8.50	1.12	0.91	0.25
5.95	0.66	0.47	0.15	8.55	1.13	0.92	0.25
6.00	0.67	0.47	0.15	8.60	1.14	0.93	0.25
6.05	0.68	0.48	0.15	8.65	1.15	0.94	0.26
6.10	0.68	0.49	0.15	8.70	1.16	0.95	0.26
6.15	0.69	0.49	0.15	8.75	1.17	0.96	0.26
6.20	0.70	0.50	0.16	8.80	1.19	0.97	0.26
6.25	0.70	0.51	0.16	8.85	1.20	0.98	0.26
6.30	0.71	0.51	0.16	8.90	1.21	0.99	0.26
6.35	0.72	0.52	0.16	8.95	1.22	1.01	0.27
6.40	0.73	0.53	0.16	9.00	1.23	1.02	0.27
6.45	0.73	0.54	0.17	9.05	1.25	1.03	0.28
6.50	0.74	0.54	0.17	9.10	1.26	1.04	0.28
6.55	0.75	0.55	0.17	9.15	1.27	1.05	0.29
6.60	0.76	0.56	0.17	9.20	1.28	1.07	0.30
6.65	0.77	0.57	0.17	9.25	1.30	1.08	0.31
6.70	0.77	0.57	0.18	9.30	1.31	1.09	0.31
6.75	0.78	0.58	0.18	9.35	1.33	1.11	0.32
6.80	0.79	0.59	0.18	9.40	1.34	1.12	0.33
6.85	0.80	0.60	0.18	9.45	1.35	1.14	0.34
6.90	0.81	0.60	0.18	9.50	1.37	1.15	0.34
6.95	0.81	0.61	0.19	9.55	1.39	1.17	0.35
7.00	0.82	0.62	0.19	9.60	1.40	1.18	0.36
7.05	0.83	0.63	0.19	9.65	1.42	1.20	0.37
7.10	0.84	0.64	0.19	9.70	1.43	1.21	0.37
7.15	0.85	0.65	0.19	9.75	1.45	1.23	0.38
7.20	0.86	0.65	0.20	9.80	1.47	1.25	0.38
7.25	0.87	0.66	0.20	9.85	1.49	1.27	0.40
7.30	0.88	0.67	0.20	9.90	1.50	1.28	0.40
7.35	0.89	0.68	0.20	9.95	1.52	1.30	0.41
7.40	0.89	0.69	0.20	10.00	1.54	1.32	0.41
7.45	0.90	0.70	0.21	10.05	1.56	1.34	0.43
7.50	0.91	0.71	0.21	10.10	1.58	1.36	0.43
7.55	0.92	0.72	0.21	10.15	1.60	1.37	0.44
7.60	0.93	0.73	0.21	10.20	1.62	1.39	0.44
7.65	0.94	0.73	0.21	10.25	1.64	1.41	0.46
7.70	0.95	0.74	0.22	10.30	1.66	1.43	0.46
7.75	0.96	0.75	0.22	10.35	1.68	1.45	0.47

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.47	13.00	6.41	6.18	0.87
10.45	1.72	1.50	0.49	13.05	6.45	6.21	0.79
10.50	1.74	1.52	0.49	13.10	6.48	6.24	0.77
10.55	1.76	1.54	0.53	13.15	6.51	6.27	0.73
10.60	1.79	1.56	0.55	13.20	6.54	6.30	0.71
10.65	1.81	1.59	0.59	13.25	6.57	6.33	0.67
10.70	1.84	1.62	0.60	13.30	6.60	6.36	0.66
10.75	1.87	1.64	0.64	13.35	6.63	6.39	0.62
10.80	1.90	1.67	0.66	13.40	6.65	6.41	0.60
10.85	1.93	1.70	0.70	13.45	6.68	6.44	0.56
10.90	1.96	1.73	0.71	13.50	6.70	6.46	0.55
10.95	1.99	1.77	0.76	13.55	6.72	6.48	0.50
11.00	2.03	1.80	0.77	13.60	6.74	6.50	0.49
11.05	2.06	1.84	0.85	13.65	6.76	6.53	0.48
11.10	2.10	1.87	0.88	13.70	6.78	6.55	0.48
11.15	2.14	1.92	0.96	13.75	6.80	6.57	0.47
11.20	2.19	1.96	0.98	13.80	6.82	6.59	0.46
11.25	2.23	2.01	1.06	13.85	6.84	6.61	0.45
11.30	2.28	2.05	1.09	13.90	6.86	6.62	0.45
11.35	2.33	2.10	1.17	13.95	6.88	6.64	0.44
11.40	2.38	2.16	1.19	14.00	6.90	6.66	0.43
11.45	2.44	2.21	1.25	14.05	6.92	6.68	0.42
11.50	2.49	2.26	1.30	14.10	6.94	6.70	0.42
11.55	2.58	2.35	1.83	14.15	6.95	6.72	0.41
11.60	2.66	2.43	1.96	14.20	6.97	6.73	0.41
11.65	2.75	2.52	2.05	14.25	6.99	6.75	0.39
11.70	2.84	2.61	2.10	14.30	7.01	6.77	0.39
11.75	2.97	2.74	2.69	14.35	7.02	6.78	0.38
11.80	3.09	2.86	2.89	14.40	7.04	6.80	0.37
11.85	3.26	3.03	3.73	14.45	7.05	6.82	0.36
11.90	3.43	3.20	4.07	14.50	7.07	6.83	0.36
11.95	3.73	3.49	6.26	14.55	7.09	6.85	0.35
12.00	4.02	3.79	7.01	14.60	7.10	6.86	0.35
12.05	4.52	4.28	10.49	14.65	7.11	6.88	0.33
12.10	5.01	4.77	11.00	14.70	7.13	6.89	0.33
12.15	5.18	4.94	5.37	14.75	7.14	6.90	0.32
12.20	5.35	5.11	3.93	14.80	7.16	6.92	0.32
12.25	5.47	5.24	3.06	14.85	7.17	6.93	0.31
12.30	5.60	5.36	2.81	14.90	7.18	6.94	0.30
12.35	5.69	5.45	2.22	14.95	7.19	6.96	0.29
12.40	5.78	5.54	2.07	15.00	7.21	6.97	0.29
12.45	5.86	5.62	1.99	15.05	7.22	6.98	0.28
12.50	5.95	5.71	1.94	15.10	7.23	6.99	0.27
12.55	6.00	5.76	1.41	15.15	7.24	7.00	0.27
12.60	6.06	5.82	1.27	15.20	7.25	7.02	0.27
12.65	6.11	5.87	1.21	15.25	7.27	7.03	0.27
12.70	6.16	5.92	1.19	15.30	7.28	7.04	0.27
12.75	6.21	5.97	1.11	15.35	7.29	7.05	0.26
12.80	6.25	6.02	1.08	15.40	7.30	7.06	0.26
12.85	6.30	6.06	1.00	15.45	7.31	7.07	0.26
12.90	6.34	6.10	0.98	15.50	7.32	7.08	0.26
12.95	6.38	6.14	0.90	15.55	7.33	7.09	0.26

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.25	18.20	7.80	7.56	0.16
15.65	7.36	7.12	0.25	18.25	7.80	7.57	0.16
15.70	7.37	7.13	0.25	18.30	7.81	7.57	0.16
15.75	7.38	7.14	0.25	18.35	7.82	7.58	0.15
15.80	7.39	7.15	0.25	18.40	7.82	7.59	0.15
15.85	7.40	7.16	0.24	18.45	7.83	7.59	0.15
15.90	7.41	7.17	0.24	18.50	7.84	7.60	0.15
15.95	7.42	7.18	0.24	18.55	7.84	7.61	0.15
16.00	7.43	7.19	0.24	18.60	7.85	7.61	0.15
16.05	7.44	7.20	0.24	18.65	7.86	7.62	0.15
16.10	7.45	7.21	0.23	18.70	7.86	7.62	0.15
16.15	7.46	7.22	0.23	18.75	7.87	7.63	0.15
16.20	7.47	7.23	0.23	18.80	7.88	7.64	0.15
16.25	7.48	7.24	0.23	18.85	7.88	7.64	0.15
16.30	7.49	7.25	0.23	18.90	7.89	7.65	0.15
16.35	7.50	7.26	0.22	18.95	7.90	7.66	0.15
16.40	7.51	7.27	0.22	19.00	7.90	7.66	0.15
16.45	7.52	7.28	0.22	19.05	7.91	7.67	0.15
16.50	7.53	7.29	0.22	19.10	7.92	7.68	0.15
16.55	7.54	7.30	0.22	19.15	7.92	7.68	0.15
16.60	7.55	7.31	0.22	19.20	7.93	7.69	0.15
16.65	7.55	7.32	0.21	19.25	7.93	7.70	0.15
16.70	7.56	7.32	0.21	19.30	7.94	7.70	0.15
16.75	7.57	7.33	0.21	19.35	7.95	7.71	0.14
16.80	7.58	7.34	0.21	19.40	7.95	7.71	0.14
16.85	7.59	7.35	0.20	19.45	7.96	7.72	0.14
16.90	7.60	7.36	0.20	19.50	7.97	7.73	0.14
16.95	7.61	7.37	0.20	19.55	7.97	7.73	0.14
17.00	7.62	7.38	0.20	19.60	7.98	7.74	0.14
17.05	7.63	7.39	0.20	19.65	7.98	7.74	0.14
17.10	7.63	7.39	0.20	19.70	7.99	7.75	0.14
17.15	7.64	7.40	0.19	19.75	8.00	7.76	0.14
17.20	7.65	7.41	0.19	19.80	8.00	7.76	0.14
17.25	7.66	7.42	0.19	19.85	8.01	7.77	0.14
17.30	7.67	7.43	0.19	19.90	8.01	7.78	0.14
17.35	7.67	7.43	0.18	19.95	8.02	7.78	0.14
17.40	7.68	7.44	0.18	20.00	8.03	7.79	0.14
17.45	7.69	7.45	0.18	20.05	8.03	7.79	0.14
17.50	7.70	7.46	0.18	20.10	8.04	7.80	0.14
17.55	7.71	7.47	0.18	20.15	8.04	7.80	0.14
17.60	7.71	7.47	0.18	20.20	8.05	7.81	0.14
17.65	7.72	7.48	0.17	20.25	8.06	7.82	0.14
17.70	7.73	7.49	0.17	20.30	8.06	7.82	0.14
17.75	7.74	7.50	0.17	20.35	8.07	7.83	0.13
17.80	7.74	7.50	0.17	20.40	8.07	7.83	0.13
17.85	7.75	7.51	0.17	20.45	8.08	7.84	0.13
17.90	7.76	7.52	0.16	20.50	8.09	7.85	0.13
17.95	7.76	7.52	0.16	20.55	8.09	7.85	0.13
18.00	7.77	7.53	0.16	20.60	8.10	7.86	0.13
18.05	7.78	7.54	0.16	20.65	8.10	7.86	0.13
18.10	7.78	7.55	0.16	20.70	8.11	7.87	0.13
18.15	7.79	7.55	0.16	20.75	8.11	7.87	0.13

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.13	23.40	8.38	8.14	0.11
20.85	8.13	7.89	0.13	23.45	8.39	8.15	0.10
20.90	8.13	7.89	0.13	23.50	8.39	8.15	0.10
20.95	8.14	7.90	0.13	23.55	8.40	8.16	0.10
21.00	8.14	7.90	0.13	23.60	8.40	8.16	0.10
21.05	8.15	7.91	0.13	23.65	8.41	8.17	0.10
21.10	8.15	7.91	0.13	23.70	8.41	8.17	0.10
21.15	8.16	7.92	0.13	23.75	8.42	8.18	0.10
21.20	8.16	7.92	0.13	23.80	8.42	8.18	0.10
21.25	8.17	7.93	0.13	23.85	8.42	8.18	0.10
21.30	8.18	7.94	0.13	23.90	8.43	8.19	0.10
21.35	8.18	7.94	0.13	23.95	8.43	8.19	0.12
21.40	8.19	7.95	0.12	24.00	8.44	8.20	0.12
21.45	8.19	7.95	0.12	24.05	8.44	8.20	0.02
21.50	8.20	7.96	0.12	24.10	8.44	8.20	0.00
21.55	8.20	7.96	0.12	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.12	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.12	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.12	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.12	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.12	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.12	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.12	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.12	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.12	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.12	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.12	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.12	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.12	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.12	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.12	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.12	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.12	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.11	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.11	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.11	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.11	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.11	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.11	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.11	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.11	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.11	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.11	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.11	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.11	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.11	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.11	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.11	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.11	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.11	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.11	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.11	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 46P: PDA-46 (pervious)

Runoff = 10.25 cfs @ 12.09 hrs, Volume= 0.591 af, Depth= 5.32"
 Routed to Pond B-46A : Basin #46A

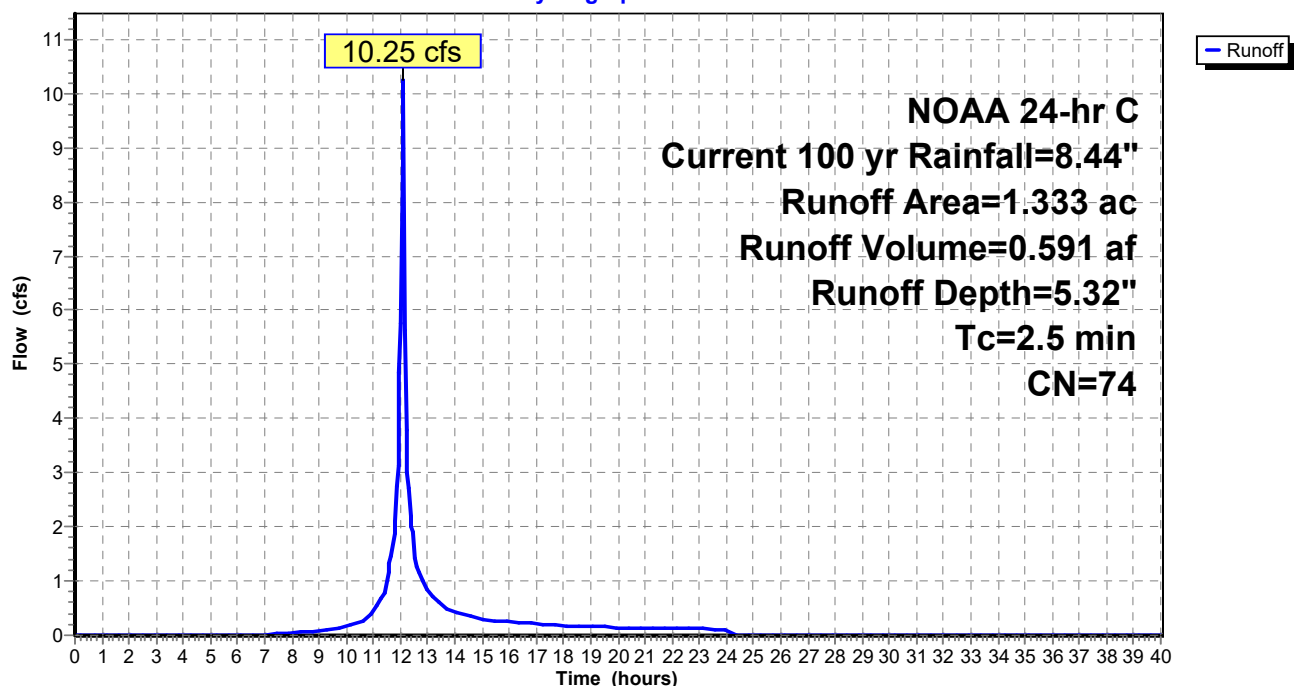
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.333	74	>75% Grass cover, Good, HSG C
1.333		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.5					Direct Entry,

Subcatchment 46P: PDA-46 (pervious)

Hydrograph



Hydrograph for Subcatchment 46P: PDA-46 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.06
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.07
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.08
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.08
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.08
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.09
6.60	0.76	0.00	0.01	9.20	1.28	0.08	0.09
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.10
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.10
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.10
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.11
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.11
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.12
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.12
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.13
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.13
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.14
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.14
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.15
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.15
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.16
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.16
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.17
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.17
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.18
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.19
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.19
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.20
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.20
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.21

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.22	13.00	6.41	3.54	0.87
10.45	1.72	0.23	0.22	13.05	6.45	3.57	0.80
10.50	1.74	0.24	0.23	13.10	6.48	3.59	0.77
10.55	1.76	0.25	0.25	13.15	6.51	3.62	0.73
10.60	1.79	0.26	0.26	13.20	6.54	3.65	0.71
10.65	1.81	0.27	0.29	13.25	6.57	3.67	0.68
10.70	1.84	0.28	0.30	13.30	6.60	3.70	0.66
10.75	1.87	0.29	0.32	13.35	6.63	3.72	0.62
10.80	1.90	0.30	0.34	13.40	6.65	3.74	0.61
10.85	1.93	0.32	0.36	13.45	6.68	3.76	0.57
10.90	1.96	0.33	0.38	13.50	6.70	3.78	0.55
10.95	1.99	0.35	0.40	13.55	6.72	3.80	0.51
11.00	2.03	0.36	0.42	13.60	6.74	3.82	0.50
11.05	2.06	0.38	0.47	13.65	6.76	3.84	0.49
11.10	2.10	0.40	0.49	13.70	6.78	3.85	0.48
11.15	2.14	0.42	0.54	13.75	6.80	3.87	0.47
11.20	2.19	0.44	0.57	13.80	6.82	3.89	0.47
11.25	2.23	0.46	0.62	13.85	6.84	3.91	0.46
11.30	2.28	0.49	0.65	13.90	6.86	3.92	0.45
11.35	2.33	0.52	0.71	13.95	6.88	3.94	0.44
11.40	2.38	0.54	0.74	14.00	6.90	3.96	0.44
11.45	2.44	0.57	0.79	14.05	6.92	3.97	0.43
11.50	2.49	0.60	0.83	14.10	6.94	3.99	0.42
11.55	2.58	0.65	1.17	14.15	6.95	4.00	0.41
11.60	2.66	0.70	1.32	14.20	6.97	4.02	0.41
11.65	2.75	0.76	1.41	14.25	6.99	4.03	0.40
11.70	2.84	0.81	1.47	14.30	7.01	4.05	0.40
11.75	2.97	0.89	1.89	14.35	7.02	4.06	0.39
11.80	3.09	0.97	2.11	14.40	7.04	4.08	0.38
11.85	3.26	1.08	2.75	14.45	7.05	4.09	0.37
11.90	3.43	1.19	3.13	14.50	7.07	4.10	0.37
11.95	3.73	1.40	4.83	14.55	7.09	4.12	0.36
12.00	4.02	1.61	5.76	14.60	7.10	4.13	0.35
12.05	4.52	1.98	8.76	14.65	7.11	4.14	0.34
12.10	5.01	2.37	10.03	14.70	7.13	4.15	0.34
12.15	5.18	2.51	5.61	14.75	7.14	4.17	0.33
12.20	5.35	2.65	3.79	14.80	7.16	4.18	0.32
12.25	5.47	2.75	3.00	14.85	7.17	4.19	0.31
12.30	5.60	2.85	2.71	14.90	7.18	4.20	0.31
12.35	5.69	2.92	2.20	14.95	7.19	4.21	0.30
12.40	5.78	3.00	2.01	15.00	7.21	4.22	0.29
12.45	5.86	3.07	1.94	15.05	7.22	4.23	0.28
12.50	5.95	3.14	1.90	15.10	7.23	4.24	0.28
12.55	6.00	3.19	1.44	15.15	7.24	4.25	0.28
12.60	6.06	3.23	1.25	15.20	7.25	4.26	0.27
12.65	6.11	3.28	1.19	15.25	7.27	4.27	0.27
12.70	6.16	3.32	1.17	15.30	7.28	4.28	0.27
12.75	6.21	3.36	1.10	15.35	7.29	4.29	0.27
12.80	6.25	3.40	1.07	15.40	7.30	4.30	0.27
12.85	6.30	3.44	1.00	15.45	7.31	4.31	0.26
12.90	6.34	3.47	0.97	15.50	7.32	4.32	0.26
12.95	6.38	3.50	0.90	15.55	7.33	4.33	0.26

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.26	18.20	7.80	4.75	0.16
15.65	7.36	4.35	0.26	18.25	7.80	4.75	0.16
15.70	7.37	4.36	0.26	18.30	7.81	4.76	0.16
15.75	7.38	4.37	0.25	18.35	7.82	4.76	0.16
15.80	7.39	4.38	0.25	18.40	7.82	4.77	0.16
15.85	7.40	4.39	0.25	18.45	7.83	4.78	0.16
15.90	7.41	4.40	0.25	18.50	7.84	4.78	0.16
15.95	7.42	4.41	0.25	18.55	7.84	4.79	0.16
16.00	7.43	4.42	0.24	18.60	7.85	4.79	0.16
16.05	7.44	4.43	0.24	18.65	7.86	4.80	0.16
16.10	7.45	4.44	0.24	18.70	7.86	4.80	0.16
16.15	7.46	4.44	0.24	18.75	7.87	4.81	0.16
16.20	7.47	4.45	0.24	18.80	7.88	4.82	0.16
16.25	7.48	4.46	0.23	18.85	7.88	4.82	0.16
16.30	7.49	4.47	0.23	18.90	7.89	4.83	0.15
16.35	7.50	4.48	0.23	18.95	7.90	4.83	0.15
16.40	7.51	4.49	0.23	19.00	7.90	4.84	0.15
16.45	7.52	4.50	0.23	19.05	7.91	4.84	0.15
16.50	7.53	4.50	0.22	19.10	7.92	4.85	0.15
16.55	7.54	4.51	0.22	19.15	7.92	4.86	0.15
16.60	7.55	4.52	0.22	19.20	7.93	4.86	0.15
16.65	7.55	4.53	0.22	19.25	7.93	4.87	0.15
16.70	7.56	4.54	0.22	19.30	7.94	4.87	0.15
16.75	7.57	4.55	0.21	19.35	7.95	4.88	0.15
16.80	7.58	4.55	0.21	19.40	7.95	4.88	0.15
16.85	7.59	4.56	0.21	19.45	7.96	4.89	0.15
16.90	7.60	4.57	0.21	19.50	7.97	4.90	0.15
16.95	7.61	4.58	0.21	19.55	7.97	4.90	0.15
17.00	7.62	4.58	0.21	19.60	7.98	4.91	0.15
17.05	7.63	4.59	0.20	19.65	7.98	4.91	0.15
17.10	7.63	4.60	0.20	19.70	7.99	4.92	0.15
17.15	7.64	4.61	0.20	19.75	8.00	4.92	0.15
17.20	7.65	4.61	0.20	19.80	8.00	4.93	0.15
17.25	7.66	4.62	0.19	19.85	8.01	4.93	0.15
17.30	7.67	4.63	0.19	19.90	8.01	4.94	0.15
17.35	7.67	4.64	0.19	19.95	8.02	4.94	0.14
17.40	7.68	4.64	0.19	20.00	8.03	4.95	0.14
17.45	7.69	4.65	0.19	20.05	8.03	4.96	0.14
17.50	7.70	4.66	0.19	20.10	8.04	4.96	0.14
17.55	7.71	4.66	0.18	20.15	8.04	4.97	0.14
17.60	7.71	4.67	0.18	20.20	8.05	4.97	0.14
17.65	7.72	4.68	0.18	20.25	8.06	4.98	0.14
17.70	7.73	4.68	0.18	20.30	8.06	4.98	0.14
17.75	7.74	4.69	0.18	20.35	8.07	4.99	0.14
17.80	7.74	4.70	0.17	20.40	8.07	4.99	0.14
17.85	7.75	4.70	0.17	20.45	8.08	5.00	0.14
17.90	7.76	4.71	0.17	20.50	8.09	5.00	0.14
17.95	7.76	4.72	0.17	20.55	8.09	5.01	0.14
18.00	7.77	4.72	0.17	20.60	8.10	5.01	0.14
18.05	7.78	4.73	0.16	20.65	8.10	5.02	0.14
18.10	7.78	4.73	0.16	20.70	8.11	5.02	0.14
18.15	7.79	4.74	0.16	20.75	8.11	5.03	0.14

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.14	23.40	8.38	5.27	0.11
20.85	8.13	5.04	0.14	23.45	8.39	5.28	0.11
20.90	8.13	5.04	0.14	23.50	8.39	5.28	0.11
20.95	8.14	5.05	0.13	23.55	8.40	5.28	0.11
21.00	8.14	5.05	0.13	23.60	8.40	5.29	0.11
21.05	8.15	5.06	0.13	23.65	8.41	5.29	0.11
21.10	8.15	5.06	0.13	23.70	8.41	5.30	0.11
21.15	8.16	5.07	0.13	23.75	8.42	5.30	0.11
21.20	8.16	5.07	0.13	23.80	8.42	5.30	0.11
21.25	8.17	5.08	0.13	23.85	8.42	5.31	0.11
21.30	8.18	5.08	0.13	23.90	8.43	5.31	0.11
21.35	8.18	5.09	0.13	23.95	8.43	5.32	0.12
21.40	8.19	5.09	0.13	24.00	8.44	5.32	0.13
21.45	8.19	5.10	0.13	24.05	8.44	5.32	0.04
21.50	8.20	5.10	0.13	24.10	8.44	5.32	0.00
21.55	8.20	5.11	0.13	24.15	8.44	5.32	0.00
21.60	8.21	5.11	0.13	24.20	8.44	5.32	0.00
21.65	8.21	5.12	0.13	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.13	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.13	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.13	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.13	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.13	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.12	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.12	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.12	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.12	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.12	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.12	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.12	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.12	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.12	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.12	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.12	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.12	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.12	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.12	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.12	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.12	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.12	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.12	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.12	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.12	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.12	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.12	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.11	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.11	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.11	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.11	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.11	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.11	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.11	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 47I: PDA-47 (impervious)

Runoff = 6.88 cfs @ 12.10 hrs, Volume= 0.510 af, Depth= 8.20"
 Routed to Pond B-47 : Basin #47

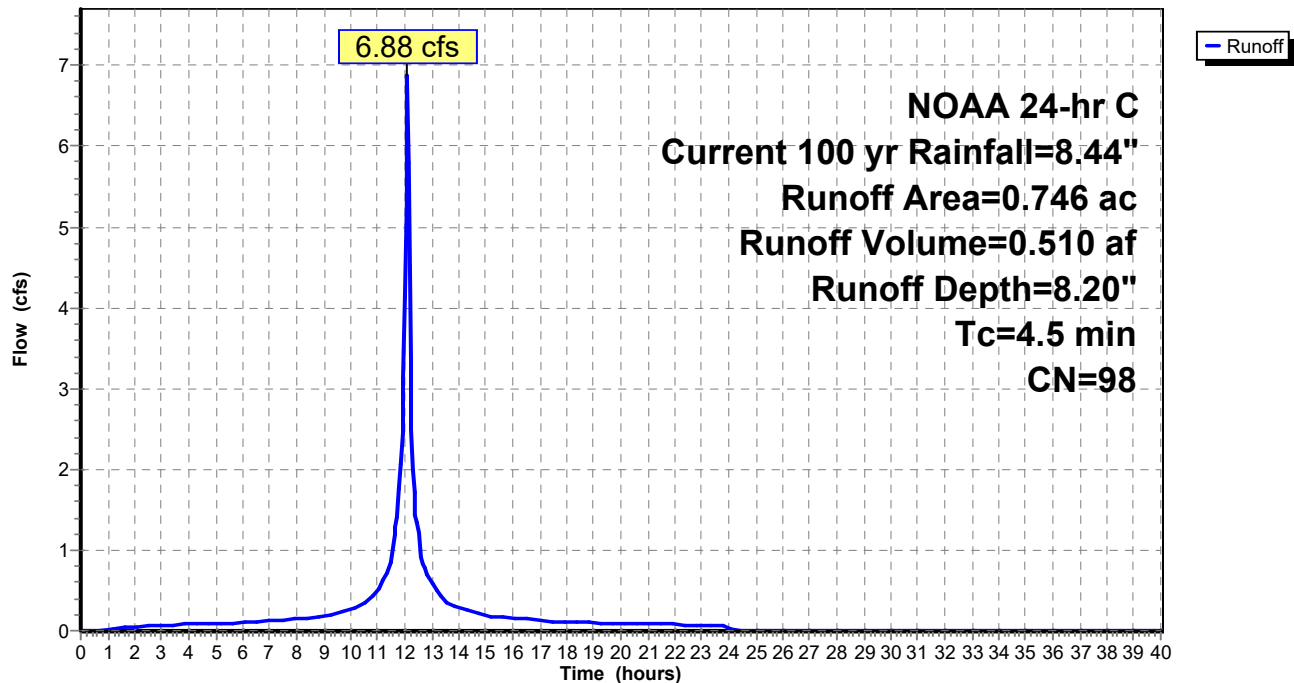
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.244	98	Pavement, HSG C
* 0.484	98	Roof, HSG C
* 0.018	98	Concrete, HSG C
0.746	98	Weighted Average
0.746		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.5					Direct Entry,

Subcatchment 47I: PDA-47 (impervious)

Hydrograph



Hydrograph for Subcatchment 47I: PDA-47 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.06
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.06
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.06
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.06
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.06
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.06
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.07
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.07
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.07
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.07
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.07
0.60	0.06	0.00	0.01	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.07
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.07
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.07
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.07
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.07
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.07
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.07
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.07
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.07
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.07
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.08
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.08
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.08
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.08
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.08
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.08
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.08
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.08
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.08
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.08
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.08
1.70	0.16	0.04	0.04	4.30	0.45	0.27	0.08
1.75	0.17	0.05	0.04	4.35	0.46	0.28	0.08
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.08
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.08
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.08
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.08
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.08
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.08
2.10	0.20	0.07	0.05	4.70	0.50	0.32	0.08
2.15	0.21	0.07	0.05	4.75	0.51	0.32	0.09
2.20	0.21	0.08	0.05	4.80	0.51	0.33	0.09
2.25	0.22	0.08	0.05	4.85	0.52	0.33	0.09
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.09
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.09
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.09
2.45	0.24	0.10	0.06	5.05	0.54	0.36	0.09
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.09
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.09

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.09	7.80	0.97	0.76	0.14
5.25	0.57	0.38	0.09	7.85	0.98	0.77	0.14
5.30	0.58	0.39	0.09	7.90	0.99	0.78	0.15
5.35	0.58	0.39	0.09	7.95	1.00	0.79	0.15
5.40	0.59	0.40	0.09	8.00	1.01	0.80	0.15
5.45	0.60	0.41	0.09	8.05	1.02	0.81	0.15
5.50	0.60	0.41	0.09	8.10	1.03	0.82	0.15
5.55	0.61	0.42	0.09	8.15	1.04	0.83	0.15
5.60	0.62	0.42	0.09	8.20	1.05	0.84	0.15
5.65	0.62	0.43	0.09	8.25	1.06	0.85	0.15
5.70	0.63	0.44	0.09	8.30	1.07	0.86	0.16
5.75	0.64	0.44	0.09	8.35	1.08	0.87	0.16
5.80	0.64	0.45	0.09	8.40	1.10	0.88	0.16
5.85	0.65	0.45	0.09	8.45	1.11	0.89	0.16
5.90	0.66	0.46	0.10	8.50	1.12	0.91	0.16
5.95	0.66	0.47	0.10	8.55	1.13	0.92	0.16
6.00	0.67	0.47	0.10	8.60	1.14	0.93	0.16
6.05	0.68	0.48	0.10	8.65	1.15	0.94	0.16
6.10	0.68	0.49	0.10	8.70	1.16	0.95	0.17
6.15	0.69	0.49	0.10	8.75	1.17	0.96	0.17
6.20	0.70	0.50	0.10	8.80	1.19	0.97	0.17
6.25	0.70	0.51	0.10	8.85	1.20	0.98	0.17
6.30	0.71	0.51	0.10	8.90	1.21	0.99	0.17
6.35	0.72	0.52	0.10	8.95	1.22	1.01	0.17
6.40	0.73	0.53	0.11	9.00	1.23	1.02	0.17
6.45	0.73	0.54	0.11	9.05	1.25	1.03	0.18
6.50	0.74	0.54	0.11	9.10	1.26	1.04	0.18
6.55	0.75	0.55	0.11	9.15	1.27	1.05	0.19
6.60	0.76	0.56	0.11	9.20	1.28	1.07	0.19
6.65	0.77	0.57	0.11	9.25	1.30	1.08	0.20
6.70	0.77	0.57	0.11	9.30	1.31	1.09	0.20
6.75	0.78	0.58	0.11	9.35	1.33	1.11	0.21
6.80	0.79	0.59	0.12	9.40	1.34	1.12	0.21
6.85	0.80	0.60	0.12	9.45	1.35	1.14	0.21
6.90	0.81	0.60	0.12	9.50	1.37	1.15	0.22
6.95	0.81	0.61	0.12	9.55	1.39	1.17	0.22
7.00	0.82	0.62	0.12	9.60	1.40	1.18	0.23
7.05	0.83	0.63	0.12	9.65	1.42	1.20	0.23
7.10	0.84	0.64	0.12	9.70	1.43	1.21	0.24
7.15	0.85	0.65	0.13	9.75	1.45	1.23	0.24
7.20	0.86	0.65	0.13	9.80	1.47	1.25	0.25
7.25	0.87	0.66	0.13	9.85	1.49	1.27	0.25
7.30	0.88	0.67	0.13	9.90	1.50	1.28	0.26
7.35	0.89	0.68	0.13	9.95	1.52	1.30	0.26
7.40	0.89	0.69	0.13	10.00	1.54	1.32	0.27
7.45	0.90	0.70	0.13	10.05	1.56	1.34	0.27
7.50	0.91	0.71	0.13	10.10	1.58	1.36	0.28
7.55	0.92	0.72	0.14	10.15	1.60	1.37	0.28
7.60	0.93	0.73	0.14	10.20	1.62	1.39	0.29
7.65	0.94	0.73	0.14	10.25	1.64	1.41	0.29
7.70	0.95	0.74	0.14	10.30	1.66	1.43	0.30
7.75	0.96	0.75	0.14	10.35	1.68	1.45	0.30

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.31	13.00	6.41	6.18	0.58
10.45	1.72	1.50	0.31	13.05	6.45	6.21	0.55
10.50	1.74	1.52	0.32	13.10	6.48	6.24	0.51
10.55	1.76	1.54	0.33	13.15	6.51	6.27	0.49
10.60	1.79	1.56	0.35	13.20	6.54	6.30	0.47
10.65	1.81	1.59	0.36	13.25	6.57	6.33	0.46
10.70	1.84	1.62	0.38	13.30	6.60	6.36	0.44
10.75	1.87	1.64	0.40	13.35	6.63	6.39	0.42
10.80	1.90	1.67	0.42	13.40	6.65	6.41	0.40
10.85	1.93	1.70	0.44	13.45	6.68	6.44	0.38
10.90	1.96	1.73	0.46	13.50	6.70	6.46	0.36
10.95	1.99	1.77	0.47	13.55	6.72	6.48	0.35
11.00	2.03	1.80	0.49	13.60	6.74	6.50	0.33
11.05	2.06	1.84	0.52	13.65	6.76	6.53	0.32
11.10	2.10	1.87	0.56	13.70	6.78	6.55	0.31
11.15	2.14	1.92	0.59	13.75	6.80	6.57	0.31
11.20	2.19	1.96	0.62	13.80	6.82	6.59	0.30
11.25	2.23	2.01	0.65	13.85	6.84	6.61	0.30
11.30	2.28	2.05	0.69	13.90	6.86	6.62	0.29
11.35	2.33	2.10	0.72	13.95	6.88	6.64	0.29
11.40	2.38	2.16	0.76	14.00	6.90	6.66	0.28
11.45	2.44	2.21	0.79	14.05	6.92	6.68	0.28
11.50	2.49	2.26	0.82	14.10	6.94	6.70	0.27
11.55	2.58	2.35	0.96	14.15	6.95	6.72	0.27
11.60	2.66	2.43	1.20	14.20	6.97	6.73	0.27
11.65	2.75	2.52	1.28	14.25	6.99	6.75	0.26
11.70	2.84	2.61	1.33	14.30	7.01	6.77	0.26
11.75	2.97	2.74	1.50	14.35	7.02	6.78	0.25
11.80	3.09	2.86	1.76	14.40	7.04	6.80	0.25
11.85	3.26	3.03	2.05	14.45	7.05	6.82	0.24
11.90	3.43	3.20	2.44	14.50	7.07	6.83	0.24
11.95	3.73	3.49	3.12	14.55	7.09	6.85	0.23
12.00	4.02	3.79	4.12	14.60	7.10	6.86	0.23
12.05	4.52	4.28	5.29	14.65	7.11	6.88	0.22
12.10	5.01	4.77	6.86	14.70	7.13	6.89	0.22
12.15	5.18	4.94	5.79	14.75	7.14	6.90	0.21
12.20	5.35	5.11	3.37	14.80	7.16	6.92	0.21
12.25	5.47	5.24	2.50	14.85	7.17	6.93	0.20
12.30	5.60	5.36	2.00	14.90	7.18	6.94	0.20
12.35	5.69	5.45	1.72	14.95	7.19	6.96	0.19
12.40	5.78	5.54	1.44	15.00	7.21	6.97	0.19
12.45	5.86	5.62	1.34	15.05	7.22	6.98	0.18
12.50	5.95	5.71	1.29	15.10	7.23	6.99	0.18
12.55	6.00	5.76	1.14	15.15	7.24	7.00	0.18
12.60	6.06	5.82	0.90	15.20	7.25	7.02	0.18
12.65	6.11	5.87	0.83	15.25	7.27	7.03	0.17
12.70	6.16	5.92	0.79	15.30	7.28	7.04	0.17
12.75	6.21	5.97	0.76	15.35	7.29	7.05	0.17
12.80	6.25	6.02	0.72	15.40	7.30	7.06	0.17
12.85	6.30	6.06	0.69	15.45	7.31	7.07	0.17
12.90	6.34	6.10	0.65	15.50	7.32	7.08	0.17
12.95	6.38	6.14	0.62	15.55	7.33	7.09	0.17

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.17	18.20	7.80	7.56	0.10
15.65	7.36	7.12	0.16	18.25	7.80	7.57	0.10
15.70	7.37	7.13	0.16	18.30	7.81	7.57	0.10
15.75	7.38	7.14	0.16	18.35	7.82	7.58	0.10
15.80	7.39	7.15	0.16	18.40	7.82	7.59	0.10
15.85	7.40	7.16	0.16	18.45	7.83	7.59	0.10
15.90	7.41	7.17	0.16	18.50	7.84	7.60	0.10
15.95	7.42	7.18	0.16	18.55	7.84	7.61	0.10
16.00	7.43	7.19	0.16	18.60	7.85	7.61	0.10
16.05	7.44	7.20	0.15	18.65	7.86	7.62	0.10
16.10	7.45	7.21	0.15	18.70	7.86	7.62	0.10
16.15	7.46	7.22	0.15	18.75	7.87	7.63	0.10
16.20	7.47	7.23	0.15	18.80	7.88	7.64	0.10
16.25	7.48	7.24	0.15	18.85	7.88	7.64	0.10
16.30	7.49	7.25	0.15	18.90	7.89	7.65	0.10
16.35	7.50	7.26	0.15	18.95	7.90	7.66	0.10
16.40	7.51	7.27	0.15	19.00	7.90	7.66	0.10
16.45	7.52	7.28	0.14	19.05	7.91	7.67	0.10
16.50	7.53	7.29	0.14	19.10	7.92	7.68	0.10
16.55	7.54	7.30	0.14	19.15	7.92	7.68	0.10
16.60	7.55	7.31	0.14	19.20	7.93	7.69	0.10
16.65	7.55	7.32	0.14	19.25	7.93	7.70	0.09
16.70	7.56	7.32	0.14	19.30	7.94	7.70	0.09
16.75	7.57	7.33	0.14	19.35	7.95	7.71	0.09
16.80	7.58	7.34	0.14	19.40	7.95	7.71	0.09
16.85	7.59	7.35	0.13	19.45	7.96	7.72	0.09
16.90	7.60	7.36	0.13	19.50	7.97	7.73	0.09
16.95	7.61	7.37	0.13	19.55	7.97	7.73	0.09
17.00	7.62	7.38	0.13	19.60	7.98	7.74	0.09
17.05	7.63	7.39	0.13	19.65	7.98	7.74	0.09
17.10	7.63	7.39	0.13	19.70	7.99	7.75	0.09
17.15	7.64	7.40	0.13	19.75	8.00	7.76	0.09
17.20	7.65	7.41	0.13	19.80	8.00	7.76	0.09
17.25	7.66	7.42	0.12	19.85	8.01	7.77	0.09
17.30	7.67	7.43	0.12	19.90	8.01	7.78	0.09
17.35	7.67	7.43	0.12	19.95	8.02	7.78	0.09
17.40	7.68	7.44	0.12	20.00	8.03	7.79	0.09
17.45	7.69	7.45	0.12	20.05	8.03	7.79	0.09
17.50	7.70	7.46	0.12	20.10	8.04	7.80	0.09
17.55	7.71	7.47	0.12	20.15	8.04	7.80	0.09
17.60	7.71	7.47	0.12	20.20	8.05	7.81	0.09
17.65	7.72	7.48	0.11	20.25	8.06	7.82	0.09
17.70	7.73	7.49	0.11	20.30	8.06	7.82	0.09
17.75	7.74	7.50	0.11	20.35	8.07	7.83	0.09
17.80	7.74	7.50	0.11	20.40	8.07	7.83	0.09
17.85	7.75	7.51	0.11	20.45	8.08	7.84	0.09
17.90	7.76	7.52	0.11	20.50	8.09	7.85	0.09
17.95	7.76	7.52	0.11	20.55	8.09	7.85	0.09
18.00	7.77	7.53	0.11	20.60	8.10	7.86	0.09
18.05	7.78	7.54	0.10	20.65	8.10	7.86	0.09
18.10	7.78	7.55	0.10	20.70	8.11	7.87	0.09
18.15	7.79	7.55	0.10	20.75	8.11	7.87	0.09

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.09	23.40	8.38	8.14	0.07
20.85	8.13	7.89	0.08	23.45	8.39	8.15	0.07
20.90	8.13	7.89	0.08	23.50	8.39	8.15	0.07
20.95	8.14	7.90	0.08	23.55	8.40	8.16	0.07
21.00	8.14	7.90	0.08	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.08	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.08	23.70	8.41	8.17	0.07
21.15	8.16	7.92	0.08	23.75	8.42	8.18	0.07
21.20	8.16	7.92	0.08	23.80	8.42	8.18	0.07
21.25	8.17	7.93	0.08	23.85	8.42	8.18	0.07
21.30	8.18	7.94	0.08	23.90	8.43	8.19	0.07
21.35	8.18	7.94	0.08	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.08	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.08	24.05	8.44	8.20	0.06
21.50	8.20	7.96	0.08	24.10	8.44	8.20	0.01
21.55	8.20	7.96	0.08	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.08	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.08	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.08	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.08	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.08	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.08	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.08	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.08	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.08	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.08	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.08	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.08	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.08	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.08	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.08	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.08	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.07	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.07	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.07	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.07	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.07	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.07	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.07	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.07	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.07	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.07	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.07	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.07	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.07	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.07	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.07	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.07	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.07	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.07	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.07	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.07	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 47P: PDA-47 (pervious)

Runoff = 8.08 cfs @ 12.26 hrs, Volume= 0.749 af, Depth= 5.32"
Routed to Pond B-47 : Basin #47

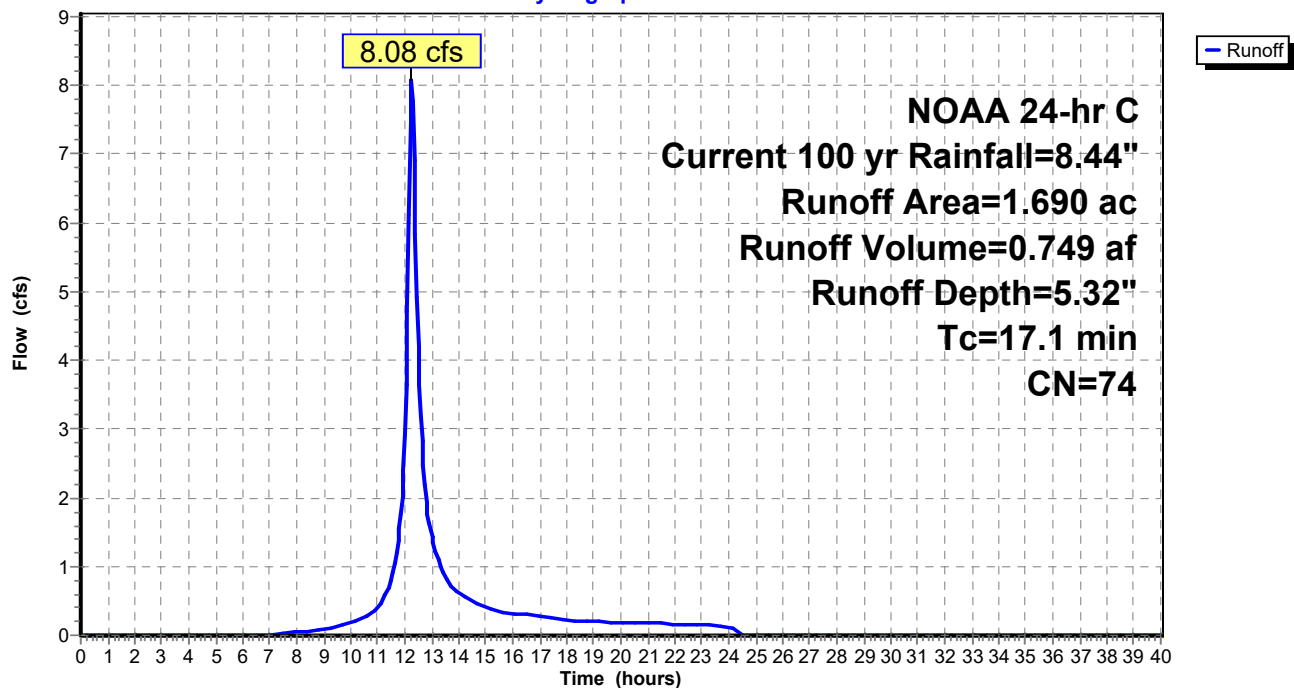
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.690	74	>75% Grass cover, Good, HSG C
1.690		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.1					Direct Entry,

Subcatchment 47P: PDA-47 (pervious)

Hydrograph



Hydrograph for Subcatchment 47P: PDA-47 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.08
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.08
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.09
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.09
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.09
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.09
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.10
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.10
6.70	0.77	0.00	0.00	9.30	1.31	0.09	0.11
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.11
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.11
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.12
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.12
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.13
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.14
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.14
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.15
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.15
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.16
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.16
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.17
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.18
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.18
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.19
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.20
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.20
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.21
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.22
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.22
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.23

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.24	13.00	6.41	3.54	1.43
10.45	1.72	0.23	0.25	13.05	6.45	3.57	1.34
10.50	1.74	0.24	0.25	13.10	6.48	3.59	1.27
10.55	1.76	0.25	0.26	13.15	6.51	3.62	1.20
10.60	1.79	0.26	0.27	13.20	6.54	3.65	1.13
10.65	1.81	0.27	0.28	13.25	6.57	3.67	1.07
10.70	1.84	0.28	0.30	13.30	6.60	3.70	1.02
10.75	1.87	0.29	0.31	13.35	6.63	3.72	0.97
10.80	1.90	0.30	0.33	13.40	6.65	3.74	0.93
10.85	1.93	0.32	0.35	13.45	6.68	3.76	0.89
10.90	1.96	0.33	0.37	13.50	6.70	3.78	0.85
10.95	1.99	0.35	0.40	13.55	6.72	3.80	0.82
11.00	2.03	0.36	0.42	13.60	6.74	3.82	0.78
11.05	2.06	0.38	0.45	13.65	6.76	3.84	0.74
11.10	2.10	0.40	0.47	13.70	6.78	3.85	0.71
11.15	2.14	0.42	0.50	13.75	6.80	3.87	0.68
11.20	2.19	0.44	0.54	13.80	6.82	3.89	0.66
11.25	2.23	0.46	0.58	13.85	6.84	3.91	0.64
11.30	2.28	0.49	0.62	13.90	6.86	3.92	0.62
11.35	2.33	0.52	0.67	13.95	6.88	3.94	0.61
11.40	2.38	0.54	0.71	14.00	6.90	3.96	0.60
11.45	2.44	0.57	0.76	14.05	6.92	3.97	0.59
11.50	2.49	0.60	0.82	14.10	6.94	3.99	0.58
11.55	2.58	0.65	0.87	14.15	6.95	4.00	0.57
11.60	2.66	0.70	0.94	14.20	6.97	4.02	0.56
11.65	2.75	0.76	1.06	14.25	6.99	4.03	0.55
11.70	2.84	0.81	1.20	14.30	7.01	4.05	0.54
11.75	2.97	0.89	1.37	14.35	7.02	4.06	0.53
11.80	3.09	0.97	1.54	14.40	7.04	4.08	0.52
11.85	3.26	1.08	1.75	14.45	7.05	4.09	0.51
11.90	3.43	1.19	2.03	14.50	7.07	4.10	0.50
11.95	3.73	1.40	2.39	14.55	7.09	4.12	0.50
12.00	4.02	1.61	2.90	14.60	7.10	4.13	0.49
12.05	4.52	1.98	3.65	14.65	7.11	4.14	0.48
12.10	5.01	2.37	4.73	14.70	7.13	4.15	0.47
12.15	5.18	2.51	6.13	14.75	7.14	4.17	0.46
12.20	5.35	2.65	7.46	14.80	7.16	4.18	0.45
12.25	5.47	2.75	8.07	14.85	7.17	4.19	0.44
12.30	5.60	2.85	7.77	14.90	7.18	4.20	0.43
12.35	5.69	2.92	6.90	14.95	7.19	4.21	0.42
12.40	5.78	3.00	5.84	15.00	7.21	4.22	0.41
12.45	5.86	3.07	4.92	15.05	7.22	4.23	0.40
12.50	5.95	3.14	4.20	15.10	7.23	4.24	0.39
12.55	6.00	3.19	3.64	15.15	7.24	4.25	0.38
12.60	6.06	3.23	3.20	15.20	7.25	4.26	0.38
12.65	6.11	3.28	2.82	15.25	7.27	4.27	0.37
12.70	6.16	3.32	2.48	15.30	7.28	4.28	0.36
12.75	6.21	3.36	2.19	15.35	7.29	4.29	0.36
12.80	6.25	3.40	1.95	15.40	7.30	4.30	0.35
12.85	6.30	3.44	1.77	15.45	7.31	4.31	0.35
12.90	6.34	3.47	1.64	15.50	7.32	4.32	0.35
12.95	6.38	3.50	1.52	15.55	7.33	4.33	0.34

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.34	18.20	7.80	4.75	0.21
15.65	7.36	4.35	0.34	18.25	7.80	4.75	0.21
15.70	7.37	4.36	0.34	18.30	7.81	4.76	0.21
15.75	7.38	4.37	0.33	18.35	7.82	4.76	0.21
15.80	7.39	4.38	0.33	18.40	7.82	4.77	0.21
15.85	7.40	4.39	0.33	18.45	7.83	4.78	0.20
15.90	7.41	4.40	0.33	18.50	7.84	4.78	0.20
15.95	7.42	4.41	0.32	18.55	7.84	4.79	0.20
16.00	7.43	4.42	0.32	18.60	7.85	4.79	0.20
16.05	7.44	4.43	0.32	18.65	7.86	4.80	0.20
16.10	7.45	4.44	0.32	18.70	7.86	4.80	0.20
16.15	7.46	4.44	0.31	18.75	7.87	4.81	0.20
16.20	7.47	4.45	0.31	18.80	7.88	4.82	0.20
16.25	7.48	4.46	0.31	18.85	7.88	4.82	0.20
16.30	7.49	4.47	0.31	18.90	7.89	4.83	0.20
16.35	7.50	4.48	0.30	18.95	7.90	4.83	0.20
16.40	7.51	4.49	0.30	19.00	7.90	4.84	0.20
16.45	7.52	4.50	0.30	19.05	7.91	4.84	0.20
16.50	7.53	4.50	0.30	19.10	7.92	4.85	0.20
16.55	7.54	4.51	0.29	19.15	7.92	4.86	0.20
16.60	7.55	4.52	0.29	19.20	7.93	4.86	0.20
16.65	7.55	4.53	0.29	19.25	7.93	4.87	0.19
16.70	7.56	4.54	0.29	19.30	7.94	4.87	0.19
16.75	7.57	4.55	0.28	19.35	7.95	4.88	0.19
16.80	7.58	4.55	0.28	19.40	7.95	4.88	0.19
16.85	7.59	4.56	0.28	19.45	7.96	4.89	0.19
16.90	7.60	4.57	0.28	19.50	7.97	4.90	0.19
16.95	7.61	4.58	0.27	19.55	7.97	4.90	0.19
17.00	7.62	4.58	0.27	19.60	7.98	4.91	0.19
17.05	7.63	4.59	0.27	19.65	7.98	4.91	0.19
17.10	7.63	4.60	0.27	19.70	7.99	4.92	0.19
17.15	7.64	4.61	0.26	19.75	8.00	4.92	0.19
17.20	7.65	4.61	0.26	19.80	8.00	4.93	0.19
17.25	7.66	4.62	0.26	19.85	8.01	4.93	0.19
17.30	7.67	4.63	0.26	19.90	8.01	4.94	0.19
17.35	7.67	4.64	0.25	19.95	8.02	4.94	0.19
17.40	7.68	4.64	0.25	20.00	8.03	4.95	0.19
17.45	7.69	4.65	0.25	20.05	8.03	4.96	0.19
17.50	7.70	4.66	0.25	20.10	8.04	4.96	0.18
17.55	7.71	4.66	0.24	20.15	8.04	4.97	0.18
17.60	7.71	4.67	0.24	20.20	8.05	4.97	0.18
17.65	7.72	4.68	0.24	20.25	8.06	4.98	0.18
17.70	7.73	4.68	0.24	20.30	8.06	4.98	0.18
17.75	7.74	4.69	0.23	20.35	8.07	4.99	0.18
17.80	7.74	4.70	0.23	20.40	8.07	4.99	0.18
17.85	7.75	4.70	0.23	20.45	8.08	5.00	0.18
17.90	7.76	4.71	0.23	20.50	8.09	5.00	0.18
17.95	7.76	4.72	0.22	20.55	8.09	5.01	0.18
18.00	7.77	4.72	0.22	20.60	8.10	5.01	0.18
18.05	7.78	4.73	0.22	20.65	8.10	5.02	0.18
18.10	7.78	4.73	0.22	20.70	8.11	5.02	0.18
18.15	7.79	4.74	0.21	20.75	8.11	5.03	0.18

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.18	23.40	8.38	5.27	0.14
20.85	8.13	5.04	0.18	23.45	8.39	5.28	0.14
20.90	8.13	5.04	0.17	23.50	8.39	5.28	0.14
20.95	8.14	5.05	0.17	23.55	8.40	5.28	0.14
21.00	8.14	5.05	0.17	23.60	8.40	5.29	0.14
21.05	8.15	5.06	0.17	23.65	8.41	5.29	0.14
21.10	8.15	5.06	0.17	23.70	8.41	5.30	0.14
21.15	8.16	5.07	0.17	23.75	8.42	5.30	0.14
21.20	8.16	5.07	0.17	23.80	8.42	5.30	0.14
21.25	8.17	5.08	0.17	23.85	8.42	5.31	0.14
21.30	8.18	5.08	0.17	23.90	8.43	5.31	0.14
21.35	8.18	5.09	0.17	23.95	8.43	5.32	0.14
21.40	8.19	5.09	0.17	24.00	8.44	5.32	0.14
21.45	8.19	5.10	0.17	24.05	8.44	5.32	0.14
21.50	8.20	5.10	0.17	24.10	8.44	5.32	0.14
21.55	8.20	5.11	0.17	24.15	8.44	5.32	0.12
21.60	8.21	5.11	0.17	24.20	8.44	5.32	0.10
21.65	8.21	5.12	0.16	24.25	8.44	5.32	0.07
21.70	8.22	5.12	0.16	24.30	8.44	5.32	0.05
21.75	8.22	5.13	0.16	24.35	8.44	5.32	0.03
21.80	8.23	5.13	0.16	24.40	8.44	5.32	0.02
21.85	8.23	5.14	0.16	24.45	8.44	5.32	0.01
21.90	8.24	5.14	0.16	24.50	8.44	5.32	0.01
21.95	8.24	5.14	0.16	24.55	8.44	5.32	0.01
22.00	8.25	5.15	0.16	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.16	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.16	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.16	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.16	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.16	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.16	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.16	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.16	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.16	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.15	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.15	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.15	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.15	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.15	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.15	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.15	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.15	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.15	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.15	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.15	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.15	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.15	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.15	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.15	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.15	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.14	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.14	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment UPDA-4: PDA-4 (undetained)

Runoff = 20.60 cfs @ 12.70 hrs, Volume= 3.326 af, Depth= 3.43"
 Routed to Link PDA-4 : Proposed Drainage Area #4

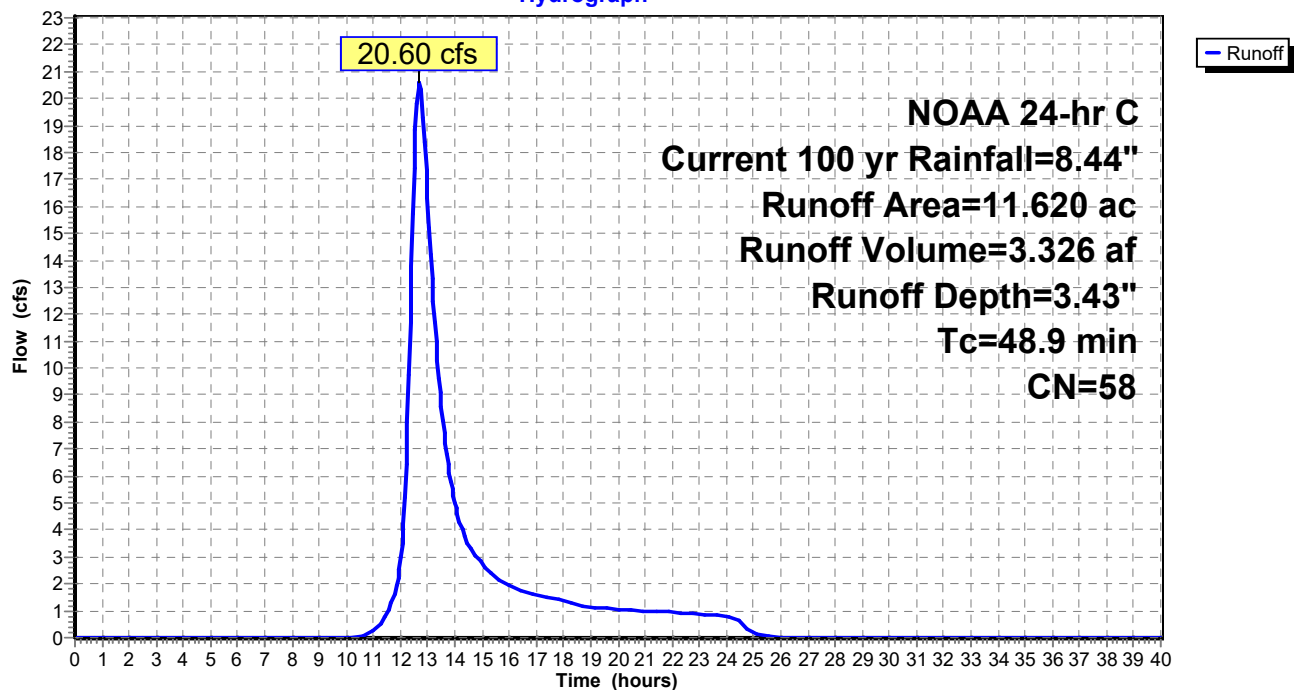
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
9.300	55	Woods, Good, HSG B
1.740	70	Woods, Good, HSG C
0.580	77	Woods, Good, HSG D
11.620	58	Weighted Average
11.620		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
48.9					Direct Entry,

Subcatchment UPDA-4: PDA-4 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.00	0.00
5.25	0.57	0.00	0.00	7.85	0.98	0.00	0.00
5.30	0.58	0.00	0.00	7.90	0.99	0.00	0.00
5.35	0.58	0.00	0.00	7.95	1.00	0.00	0.00
5.40	0.59	0.00	0.00	8.00	1.01	0.00	0.00
5.45	0.60	0.00	0.00	8.05	1.02	0.00	0.00
5.50	0.60	0.00	0.00	8.10	1.03	0.00	0.00
5.55	0.61	0.00	0.00	8.15	1.04	0.00	0.00
5.60	0.62	0.00	0.00	8.20	1.05	0.00	0.00
5.65	0.62	0.00	0.00	8.25	1.06	0.00	0.00
5.70	0.63	0.00	0.00	8.30	1.07	0.00	0.00
5.75	0.64	0.00	0.00	8.35	1.08	0.00	0.00
5.80	0.64	0.00	0.00	8.40	1.10	0.00	0.00
5.85	0.65	0.00	0.00	8.45	1.11	0.00	0.00
5.90	0.66	0.00	0.00	8.50	1.12	0.00	0.00
5.95	0.66	0.00	0.00	8.55	1.13	0.00	0.00
6.00	0.67	0.00	0.00	8.60	1.14	0.00	0.00
6.05	0.68	0.00	0.00	8.65	1.15	0.00	0.00
6.10	0.68	0.00	0.00	8.70	1.16	0.00	0.00
6.15	0.69	0.00	0.00	8.75	1.17	0.00	0.00
6.20	0.70	0.00	0.00	8.80	1.19	0.00	0.00
6.25	0.70	0.00	0.00	8.85	1.20	0.00	0.00
6.30	0.71	0.00	0.00	8.90	1.21	0.00	0.00
6.35	0.72	0.00	0.00	8.95	1.22	0.00	0.00
6.40	0.73	0.00	0.00	9.00	1.23	0.00	0.00
6.45	0.73	0.00	0.00	9.05	1.25	0.00	0.00
6.50	0.74	0.00	0.00	9.10	1.26	0.00	0.00
6.55	0.75	0.00	0.00	9.15	1.27	0.00	0.00
6.60	0.76	0.00	0.00	9.20	1.28	0.00	0.00
6.65	0.77	0.00	0.00	9.25	1.30	0.00	0.00
6.70	0.77	0.00	0.00	9.30	1.31	0.00	0.00
6.75	0.78	0.00	0.00	9.35	1.33	0.00	0.00
6.80	0.79	0.00	0.00	9.40	1.34	0.00	0.00
6.85	0.80	0.00	0.00	9.45	1.35	0.00	0.00
6.90	0.81	0.00	0.00	9.50	1.37	0.00	0.00
6.95	0.81	0.00	0.00	9.55	1.39	0.00	0.00
7.00	0.82	0.00	0.00	9.60	1.40	0.00	0.00
7.05	0.83	0.00	0.00	9.65	1.42	0.00	0.00
7.10	0.84	0.00	0.00	9.70	1.43	0.00	0.00
7.15	0.85	0.00	0.00	9.75	1.45	0.00	0.00
7.20	0.86	0.00	0.00	9.80	1.47	0.00	0.00
7.25	0.87	0.00	0.00	9.85	1.49	0.00	0.00
7.30	0.88	0.00	0.00	9.90	1.50	0.00	0.00
7.35	0.89	0.00	0.00	9.95	1.52	0.00	0.00
7.40	0.89	0.00	0.00	10.00	1.54	0.00	0.00
7.45	0.90	0.00	0.00	10.05	1.56	0.00	0.00
7.50	0.91	0.00	0.00	10.10	1.58	0.00	0.00
7.55	0.92	0.00	0.00	10.15	1.60	0.00	0.01
7.60	0.93	0.00	0.00	10.20	1.62	0.00	0.01
7.65	0.94	0.00	0.00	10.25	1.64	0.00	0.01
7.70	0.95	0.00	0.00	10.30	1.66	0.01	0.02
7.75	0.96	0.00	0.00	10.35	1.68	0.01	0.03

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.01	0.04	13.00	6.41	2.02	16.30
10.45	1.72	0.01	0.05	13.05	6.45	2.04	15.23
10.50	1.74	0.01	0.06	13.10	6.48	2.06	14.24
10.55	1.76	0.01	0.07	13.15	6.51	2.08	13.31
10.60	1.79	0.02	0.09	13.20	6.54	2.10	12.47
10.65	1.81	0.02	0.11	13.25	6.57	2.12	11.68
10.70	1.84	0.02	0.12	13.30	6.60	2.14	10.95
10.75	1.87	0.02	0.15	13.35	6.63	2.16	10.27
10.80	1.90	0.03	0.17	13.40	6.65	2.18	9.65
10.85	1.93	0.03	0.19	13.45	6.68	2.19	9.07
10.90	1.96	0.03	0.22	13.50	6.70	2.21	8.55
10.95	1.99	0.04	0.25	13.55	6.72	2.22	8.06
11.00	2.03	0.04	0.28	13.60	6.74	2.24	7.61
11.05	2.06	0.05	0.32	13.65	6.76	2.25	7.20
11.10	2.10	0.05	0.36	13.70	6.78	2.26	6.81
11.15	2.14	0.06	0.40	13.75	6.80	2.28	6.46
11.20	2.19	0.07	0.45	13.80	6.82	2.29	6.12
11.25	2.23	0.08	0.50	13.85	6.84	2.30	5.82
11.30	2.28	0.09	0.56	13.90	6.86	2.32	5.52
11.35	2.33	0.10	0.63	13.95	6.88	2.33	5.27
11.40	2.38	0.11	0.70	14.00	6.90	2.34	5.02
11.45	2.44	0.12	0.78	14.05	6.92	2.35	4.80
11.50	2.49	0.13	0.87	14.10	6.94	2.37	4.59
11.55	2.58	0.15	0.97	14.15	6.95	2.38	4.40
11.60	2.66	0.17	1.08	14.20	6.97	2.39	4.23
11.65	2.75	0.20	1.20	14.25	6.99	2.40	4.07
11.70	2.84	0.23	1.34	14.30	7.01	2.41	3.93
11.75	2.97	0.26	1.51	14.35	7.02	2.42	3.80
11.80	3.09	0.30	1.70	14.40	7.04	2.44	3.69
11.85	3.26	0.36	1.93	14.45	7.05	2.45	3.58
11.90	3.43	0.43	2.21	14.50	7.07	2.46	3.48
11.95	3.73	0.55	2.55	14.55	7.09	2.47	3.38
12.00	4.02	0.68	2.98	14.60	7.10	2.48	3.30
12.05	4.52	0.91	3.52	14.65	7.11	2.49	3.21
12.10	5.01	1.17	4.25	14.70	7.13	2.50	3.13
12.15	5.18	1.27	5.22	14.75	7.14	2.51	3.06
12.20	5.35	1.37	6.46	14.80	7.16	2.52	2.99
12.25	5.47	1.44	7.97	14.85	7.17	2.53	2.92
12.30	5.60	1.51	9.74	14.90	7.18	2.53	2.86
12.35	5.69	1.56	11.70	14.95	7.19	2.54	2.80
12.40	5.78	1.62	13.75	15.00	7.21	2.55	2.74
12.45	5.86	1.67	15.71	15.05	7.22	2.56	2.69
12.50	5.95	1.72	17.44	15.10	7.23	2.57	2.63
12.55	6.00	1.76	18.85	15.15	7.24	2.58	2.58
12.60	6.06	1.79	19.81	15.20	7.25	2.58	2.52
12.65	6.11	1.82	20.43	15.25	7.27	2.59	2.47
12.70	6.16	1.86	20.59	15.30	7.28	2.60	2.42
12.75	6.21	1.89	20.46	15.35	7.29	2.61	2.37
12.80	6.25	1.92	20.02	15.40	7.30	2.62	2.32
12.85	6.30	1.94	19.32	15.45	7.31	2.62	2.28
12.90	6.34	1.97	18.42	15.50	7.32	2.63	2.23
12.95	6.38	2.00	17.37	15.55	7.33	2.64	2.19

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	2.65	2.15	18.20	7.80	2.97	1.30
15.65	7.36	2.65	2.11	18.25	7.80	2.97	1.29
15.70	7.37	2.66	2.08	18.30	7.81	2.98	1.28
15.75	7.38	2.67	2.05	18.35	7.82	2.98	1.26
15.80	7.39	2.68	2.02	18.40	7.82	2.99	1.25
15.85	7.40	2.68	1.99	18.45	7.83	2.99	1.24
15.90	7.41	2.69	1.97	18.50	7.84	3.00	1.23
15.95	7.42	2.70	1.94	18.55	7.84	3.00	1.21
16.00	7.43	2.71	1.92	18.60	7.85	3.00	1.20
16.05	7.44	2.71	1.90	18.65	7.86	3.01	1.19
16.10	7.45	2.72	1.88	18.70	7.86	3.01	1.18
16.15	7.46	2.73	1.86	18.75	7.87	3.02	1.18
16.20	7.47	2.73	1.85	18.80	7.88	3.02	1.17
16.25	7.48	2.74	1.83	18.85	7.88	3.03	1.16
16.30	7.49	2.75	1.81	18.90	7.89	3.03	1.15
16.35	7.50	2.75	1.80	18.95	7.90	3.04	1.15
16.40	7.51	2.76	1.78	19.00	7.90	3.04	1.14
16.45	7.52	2.77	1.77	19.05	7.91	3.05	1.14
16.50	7.53	2.77	1.75	19.10	7.92	3.05	1.13
16.55	7.54	2.78	1.74	19.15	7.92	3.06	1.13
16.60	7.55	2.79	1.73	19.20	7.93	3.06	1.12
16.65	7.55	2.79	1.71	19.25	7.93	3.07	1.12
16.70	7.56	2.80	1.70	19.30	7.94	3.07	1.11
16.75	7.57	2.81	1.68	19.35	7.95	3.07	1.11
16.80	7.58	2.81	1.67	19.40	7.95	3.08	1.11
16.85	7.59	2.82	1.66	19.45	7.96	3.08	1.10
16.90	7.60	2.83	1.65	19.50	7.97	3.09	1.10
16.95	7.61	2.83	1.63	19.55	7.97	3.09	1.09
17.00	7.62	2.84	1.62	19.60	7.98	3.10	1.09
17.05	7.63	2.84	1.60	19.65	7.98	3.10	1.09
17.10	7.63	2.85	1.59	19.70	7.99	3.11	1.08
17.15	7.64	2.86	1.58	19.75	8.00	3.11	1.08
17.20	7.65	2.86	1.57	19.80	8.00	3.11	1.08
17.25	7.66	2.87	1.55	19.85	8.01	3.12	1.07
17.30	7.67	2.87	1.54	19.90	8.01	3.12	1.07
17.35	7.67	2.88	1.53	19.95	8.02	3.13	1.07
17.40	7.68	2.88	1.51	20.00	8.03	3.13	1.06
17.45	7.69	2.89	1.50	20.05	8.03	3.14	1.06
17.50	7.70	2.90	1.49	20.10	8.04	3.14	1.06
17.55	7.71	2.90	1.47	20.15	8.04	3.14	1.06
17.60	7.71	2.91	1.46	20.20	8.05	3.15	1.05
17.65	7.72	2.91	1.45	20.25	8.06	3.15	1.05
17.70	7.73	2.92	1.43	20.30	8.06	3.16	1.05
17.75	7.74	2.92	1.42	20.35	8.07	3.16	1.04
17.80	7.74	2.93	1.41	20.40	8.07	3.17	1.04
17.85	7.75	2.93	1.40	20.45	8.08	3.17	1.04
17.90	7.76	2.94	1.38	20.50	8.09	3.17	1.03
17.95	7.76	2.94	1.37	20.55	8.09	3.18	1.03
18.00	7.77	2.95	1.36	20.60	8.10	3.18	1.03
18.05	7.78	2.95	1.34	20.65	8.10	3.19	1.02
18.10	7.78	2.96	1.33	20.70	8.11	3.19	1.02
18.15	7.79	2.96	1.31	20.75	8.11	3.20	1.02

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	3.20	1.01	23.40	8.38	3.39	0.84
20.85	8.13	3.20	1.01	23.45	8.39	3.40	0.84
20.90	8.13	3.21	1.01	23.50	8.39	3.40	0.83
20.95	8.14	3.21	1.00	23.55	8.40	3.40	0.83
21.00	8.14	3.22	1.00	23.60	8.40	3.41	0.83
21.05	8.15	3.22	1.00	23.65	8.41	3.41	0.82
21.10	8.15	3.22	0.99	23.70	8.41	3.41	0.82
21.15	8.16	3.23	0.99	23.75	8.42	3.42	0.82
21.20	8.16	3.23	0.99	23.80	8.42	3.42	0.81
21.25	8.17	3.24	0.98	23.85	8.42	3.42	0.81
21.30	8.18	3.24	0.98	23.90	8.43	3.43	0.81
21.35	8.18	3.24	0.98	23.95	8.43	3.43	0.80
21.40	8.19	3.25	0.97	24.00	8.44	3.43	0.80
21.45	8.19	3.25	0.97	24.05	8.44	3.43	0.80
21.50	8.20	3.26	0.97	24.10	8.44	3.43	0.79
21.55	8.20	3.26	0.96	24.15	8.44	3.43	0.79
21.60	8.21	3.26	0.96	24.20	8.44	3.43	0.78
21.65	8.21	3.27	0.96	24.25	8.44	3.43	0.77
21.70	8.22	3.27	0.95	24.30	8.44	3.43	0.75
21.75	8.22	3.27	0.95	24.35	8.44	3.43	0.73
21.80	8.23	3.28	0.95	24.40	8.44	3.43	0.70
21.85	8.23	3.28	0.94	24.45	8.44	3.43	0.66
21.90	8.24	3.29	0.94	24.50	8.44	3.43	0.61
21.95	8.24	3.29	0.94	24.55	8.44	3.43	0.56
22.00	8.25	3.29	0.93	24.60	8.44	3.43	0.51
22.05	8.25	3.30	0.93	24.65	8.44	3.43	0.45
22.10	8.26	3.30	0.93	24.70	8.44	3.43	0.40
22.15	8.26	3.31	0.92	24.75	8.44	3.43	0.35
22.20	8.27	3.31	0.92	24.80	8.44	3.43	0.30
22.25	8.27	3.31	0.92	24.85	8.44	3.43	0.26
22.30	8.28	3.32	0.91	24.90	8.44	3.43	0.22
22.35	8.28	3.32	0.91	24.95	8.44	3.43	0.19
22.40	8.29	3.32	0.91	25.00	8.44	3.43	0.16
22.45	8.29	3.33	0.90	25.05	8.44	3.43	0.14
22.50	8.30	3.33	0.90	25.10	8.44	3.43	0.12
22.55	8.30	3.33	0.90	25.15	8.44	3.43	0.10
22.60	8.31	3.34	0.89	25.20	8.44	3.43	0.09
22.65	8.31	3.34	0.89	25.25	8.44	3.43	0.08
22.70	8.32	3.35	0.89	25.30	8.44	3.43	0.07
22.75	8.32	3.35	0.88	25.35	8.44	3.43	0.06
22.80	8.33	3.35	0.88	25.40	8.44	3.43	0.05
22.85	8.33	3.36	0.88	25.45	8.44	3.43	0.04
22.90	8.34	3.36	0.87	25.50	8.44	3.43	0.04
22.95	8.34	3.36	0.87	25.55	8.44	3.43	0.03
23.00	8.35	3.37	0.87	25.60	8.44	3.43	0.03
23.05	8.35	3.37	0.86	25.65	8.44	3.43	0.02
23.10	8.36	3.37	0.86	25.70	8.44	3.43	0.02
23.15	8.36	3.38	0.86	25.75	8.44	3.43	0.02
23.20	8.37	3.38	0.85	25.80	8.44	3.43	0.01
23.25	8.37	3.38	0.85	25.85	8.44	3.43	0.01
23.30	8.38	3.39	0.85	25.90	8.44	3.43	0.01
23.35	8.38	3.39	0.84	25.95	8.44	3.43	0.01

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	3.43	0.01	28.60	8.44	3.43	0.00
26.05	8.44	3.43	0.01	28.65	8.44	3.43	0.00
26.10	8.44	3.43	0.01	28.70	8.44	3.43	0.00
26.15	8.44	3.43	0.00	28.75	8.44	3.43	0.00
26.20	8.44	3.43	0.00	28.80	8.44	3.43	0.00
26.25	8.44	3.43	0.00	28.85	8.44	3.43	0.00
26.30	8.44	3.43	0.00	28.90	8.44	3.43	0.00
26.35	8.44	3.43	0.00	28.95	8.44	3.43	0.00
26.40	8.44	3.43	0.00	29.00	8.44	3.43	0.00
26.45	8.44	3.43	0.00	29.05	8.44	3.43	0.00
26.50	8.44	3.43	0.00	29.10	8.44	3.43	0.00
26.55	8.44	3.43	0.00	29.15	8.44	3.43	0.00
26.60	8.44	3.43	0.00	29.20	8.44	3.43	0.00
26.65	8.44	3.43	0.00	29.25	8.44	3.43	0.00
26.70	8.44	3.43	0.00	29.30	8.44	3.43	0.00
26.75	8.44	3.43	0.00	29.35	8.44	3.43	0.00
26.80	8.44	3.43	0.00	29.40	8.44	3.43	0.00
26.85	8.44	3.43	0.00	29.45	8.44	3.43	0.00
26.90	8.44	3.43	0.00	29.50	8.44	3.43	0.00
26.95	8.44	3.43	0.00	29.55	8.44	3.43	0.00
27.00	8.44	3.43	0.00	29.60	8.44	3.43	0.00
27.05	8.44	3.43	0.00	29.65	8.44	3.43	0.00
27.10	8.44	3.43	0.00	29.70	8.44	3.43	0.00
27.15	8.44	3.43	0.00	29.75	8.44	3.43	0.00
27.20	8.44	3.43	0.00	29.80	8.44	3.43	0.00
27.25	8.44	3.43	0.00	29.85	8.44	3.43	0.00
27.30	8.44	3.43	0.00	29.90	8.44	3.43	0.00
27.35	8.44	3.43	0.00	29.95	8.44	3.43	0.00
27.40	8.44	3.43	0.00	30.00	8.44	3.43	0.00
27.45	8.44	3.43	0.00	30.05	8.44	3.43	0.00
27.50	8.44	3.43	0.00	30.10	8.44	3.43	0.00
27.55	8.44	3.43	0.00	30.15	8.44	3.43	0.00
27.60	8.44	3.43	0.00	30.20	8.44	3.43	0.00
27.65	8.44	3.43	0.00	30.25	8.44	3.43	0.00
27.70	8.44	3.43	0.00	30.30	8.44	3.43	0.00
27.75	8.44	3.43	0.00	30.35	8.44	3.43	0.00
27.80	8.44	3.43	0.00	30.40	8.44	3.43	0.00
27.85	8.44	3.43	0.00	30.45	8.44	3.43	0.00
27.90	8.44	3.43	0.00	30.50	8.44	3.43	0.00
27.95	8.44	3.43	0.00	30.55	8.44	3.43	0.00
28.00	8.44	3.43	0.00	30.60	8.44	3.43	0.00
28.05	8.44	3.43	0.00	30.65	8.44	3.43	0.00
28.10	8.44	3.43	0.00	30.70	8.44	3.43	0.00
28.15	8.44	3.43	0.00	30.75	8.44	3.43	0.00
28.20	8.44	3.43	0.00	30.80	8.44	3.43	0.00
28.25	8.44	3.43	0.00	30.85	8.44	3.43	0.00
28.30	8.44	3.43	0.00	30.90	8.44	3.43	0.00
28.35	8.44	3.43	0.00	30.95	8.44	3.43	0.00
28.40	8.44	3.43	0.00	31.00	8.44	3.43	0.00
28.45	8.44	3.43	0.00	31.05	8.44	3.43	0.00
28.50	8.44	3.43	0.00	31.10	8.44	3.43	0.00
28.55	8.44	3.43	0.00	31.15	8.44	3.43	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	3.43	0.00	33.80	8.44	3.43	0.00
31.25	8.44	3.43	0.00	33.85	8.44	3.43	0.00
31.30	8.44	3.43	0.00	33.90	8.44	3.43	0.00
31.35	8.44	3.43	0.00	33.95	8.44	3.43	0.00
31.40	8.44	3.43	0.00	34.00	8.44	3.43	0.00
31.45	8.44	3.43	0.00	34.05	8.44	3.43	0.00
31.50	8.44	3.43	0.00	34.10	8.44	3.43	0.00
31.55	8.44	3.43	0.00	34.15	8.44	3.43	0.00
31.60	8.44	3.43	0.00	34.20	8.44	3.43	0.00
31.65	8.44	3.43	0.00	34.25	8.44	3.43	0.00
31.70	8.44	3.43	0.00	34.30	8.44	3.43	0.00
31.75	8.44	3.43	0.00	34.35	8.44	3.43	0.00
31.80	8.44	3.43	0.00	34.40	8.44	3.43	0.00
31.85	8.44	3.43	0.00	34.45	8.44	3.43	0.00
31.90	8.44	3.43	0.00	34.50	8.44	3.43	0.00
31.95	8.44	3.43	0.00	34.55	8.44	3.43	0.00
32.00	8.44	3.43	0.00	34.60	8.44	3.43	0.00
32.05	8.44	3.43	0.00	34.65	8.44	3.43	0.00
32.10	8.44	3.43	0.00	34.70	8.44	3.43	0.00
32.15	8.44	3.43	0.00	34.75	8.44	3.43	0.00
32.20	8.44	3.43	0.00	34.80	8.44	3.43	0.00
32.25	8.44	3.43	0.00	34.85	8.44	3.43	0.00
32.30	8.44	3.43	0.00	34.90	8.44	3.43	0.00
32.35	8.44	3.43	0.00	34.95	8.44	3.43	0.00
32.40	8.44	3.43	0.00	35.00	8.44	3.43	0.00
32.45	8.44	3.43	0.00	35.05	8.44	3.43	0.00
32.50	8.44	3.43	0.00	35.10	8.44	3.43	0.00
32.55	8.44	3.43	0.00	35.15	8.44	3.43	0.00
32.60	8.44	3.43	0.00	35.20	8.44	3.43	0.00
32.65	8.44	3.43	0.00	35.25	8.44	3.43	0.00
32.70	8.44	3.43	0.00	35.30	8.44	3.43	0.00
32.75	8.44	3.43	0.00	35.35	8.44	3.43	0.00
32.80	8.44	3.43	0.00	35.40	8.44	3.43	0.00
32.85	8.44	3.43	0.00	35.45	8.44	3.43	0.00
32.90	8.44	3.43	0.00	35.50	8.44	3.43	0.00
32.95	8.44	3.43	0.00	35.55	8.44	3.43	0.00
33.00	8.44	3.43	0.00	35.60	8.44	3.43	0.00
33.05	8.44	3.43	0.00	35.65	8.44	3.43	0.00
33.10	8.44	3.43	0.00	35.70	8.44	3.43	0.00
33.15	8.44	3.43	0.00	35.75	8.44	3.43	0.00
33.20	8.44	3.43	0.00	35.80	8.44	3.43	0.00
33.25	8.44	3.43	0.00	35.85	8.44	3.43	0.00
33.30	8.44	3.43	0.00	35.90	8.44	3.43	0.00
33.35	8.44	3.43	0.00	35.95	8.44	3.43	0.00
33.40	8.44	3.43	0.00	36.00	8.44	3.43	0.00
33.45	8.44	3.43	0.00	36.05	8.44	3.43	0.00
33.50	8.44	3.43	0.00	36.10	8.44	3.43	0.00
33.55	8.44	3.43	0.00	36.15	8.44	3.43	0.00
33.60	8.44	3.43	0.00	36.20	8.44	3.43	0.00
33.65	8.44	3.43	0.00	36.25	8.44	3.43	0.00
33.70	8.44	3.43	0.00	36.30	8.44	3.43	0.00
33.75	8.44	3.43	0.00	36.35	8.44	3.43	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	3.43	0.00	39.00	8.44	3.43	0.00
36.45	8.44	3.43	0.00	39.05	8.44	3.43	0.00
36.50	8.44	3.43	0.00	39.10	8.44	3.43	0.00
36.55	8.44	3.43	0.00	39.15	8.44	3.43	0.00
36.60	8.44	3.43	0.00	39.20	8.44	3.43	0.00
36.65	8.44	3.43	0.00	39.25	8.44	3.43	0.00
36.70	8.44	3.43	0.00	39.30	8.44	3.43	0.00
36.75	8.44	3.43	0.00	39.35	8.44	3.43	0.00
36.80	8.44	3.43	0.00	39.40	8.44	3.43	0.00
36.85	8.44	3.43	0.00	39.45	8.44	3.43	0.00
36.90	8.44	3.43	0.00	39.50	8.44	3.43	0.00
36.95	8.44	3.43	0.00	39.55	8.44	3.43	0.00
37.00	8.44	3.43	0.00	39.60	8.44	3.43	0.00
37.05	8.44	3.43	0.00	39.65	8.44	3.43	0.00
37.10	8.44	3.43	0.00	39.70	8.44	3.43	0.00
37.15	8.44	3.43	0.00	39.75	8.44	3.43	0.00
37.20	8.44	3.43	0.00	39.80	8.44	3.43	0.00
37.25	8.44	3.43	0.00	39.85	8.44	3.43	0.00
37.30	8.44	3.43	0.00	39.90	8.44	3.43	0.00
37.35	8.44	3.43	0.00	39.95	8.44	3.43	0.00
37.40	8.44	3.43	0.00	40.00	8.44	3.43	0.00
37.45	8.44	3.43	0.00				
37.50	8.44	3.43	0.00				
37.55	8.44	3.43	0.00				
37.60	8.44	3.43	0.00				
37.65	8.44	3.43	0.00				
37.70	8.44	3.43	0.00				
37.75	8.44	3.43	0.00				
37.80	8.44	3.43	0.00				
37.85	8.44	3.43	0.00				
37.90	8.44	3.43	0.00				
37.95	8.44	3.43	0.00				
38.00	8.44	3.43	0.00				
38.05	8.44	3.43	0.00				
38.10	8.44	3.43	0.00				
38.15	8.44	3.43	0.00				
38.20	8.44	3.43	0.00				
38.25	8.44	3.43	0.00				
38.30	8.44	3.43	0.00				
38.35	8.44	3.43	0.00				
38.40	8.44	3.43	0.00				
38.45	8.44	3.43	0.00				
38.50	8.44	3.43	0.00				
38.55	8.44	3.43	0.00				
38.60	8.44	3.43	0.00				
38.65	8.44	3.43	0.00				
38.70	8.44	3.43	0.00				
38.75	8.44	3.43	0.00				
38.80	8.44	3.43	0.00				
38.85	8.44	3.43	0.00				
38.90	8.44	3.43	0.00				
38.95	8.44	3.43	0.00				

Summary for Pond B-41: Basin #41

Inflow Area = 2.368 ac, 29.05% Impervious, Inflow Depth = 6.16" for Current 100 yr event
 Inflow = 18.78 cfs @ 12.08 hrs, Volume= 1.215 af
 Outflow = 5.39 cfs @ 12.27 hrs, Volume= 1.146 af, Atten= 71%, Lag= 11.8 min
 Primary = 5.39 cfs @ 12.27 hrs, Volume= 1.146 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 185.01' @ 12.27 hrs Surf.Area= 5,683 sf Storage= 17,101 cf

Plug-Flow detention time= 95.5 min calculated for 1.144 af (94% of inflow)
 Center-of-Mass det. time= 63.8 min (848.0 - 784.2)

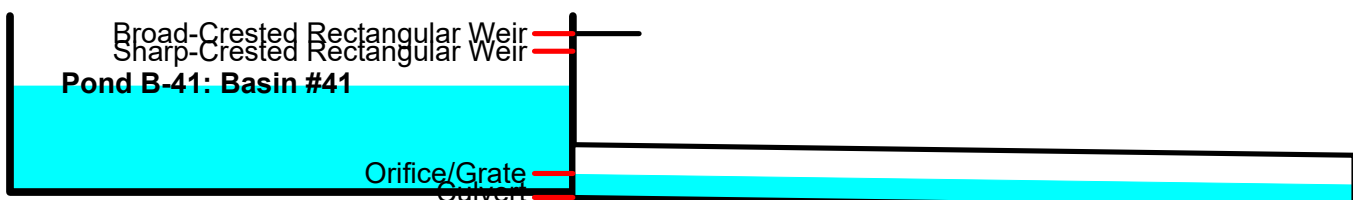
Volume	Invert	Avail.Storage	Storage Description
#1	182.00'	28,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

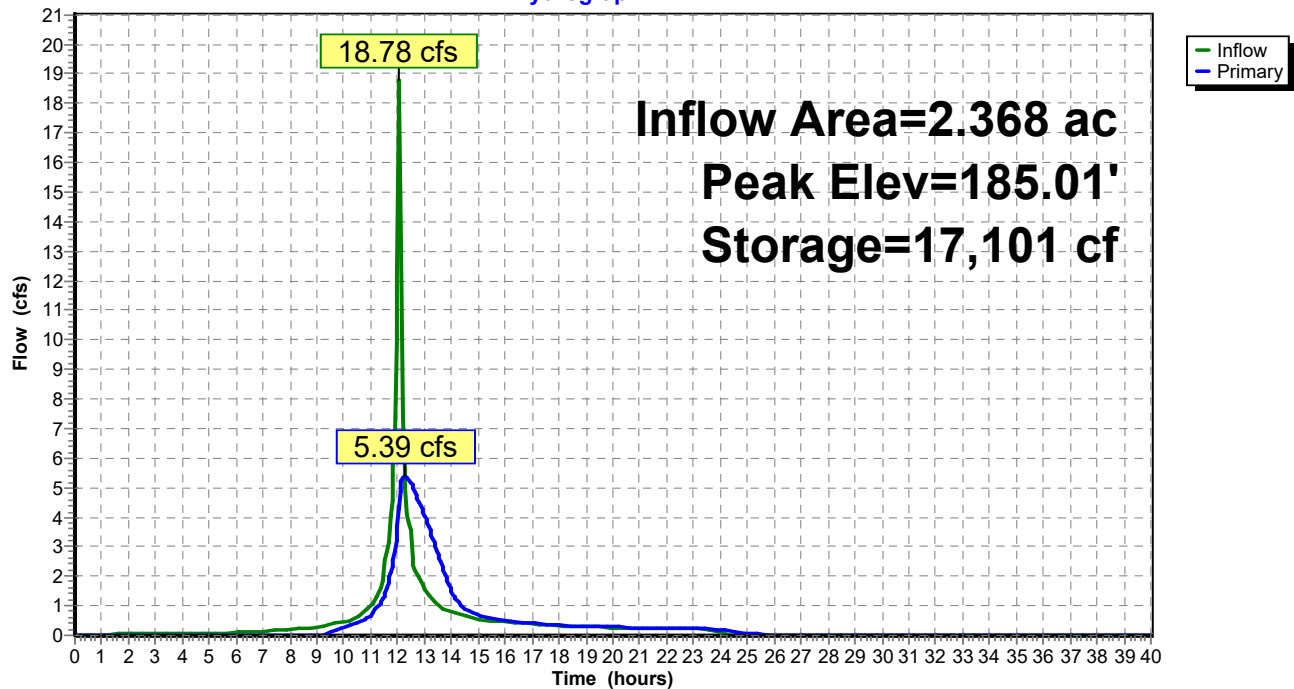
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
182.00	5,683	0	0
183.00	5,683	5,683	5,683
184.00	5,683	5,683	11,366
185.00	5,683	5,683	17,049
186.00	5,683	5,683	22,732
187.00	5,683	5,683	28,415

Device	Routing	Invert	Outlet Devices
#1	Primary	181.85'	18.0" Round Culvert L= 59.0' Ke= 0.500 Inlet / Outlet Invert= 181.85' / 181.55' S= 0.0051 ' S Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	182.53'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=5.38 cfs @ 12.27 hrs HW=185.00' (Free Discharge)

1=Culvert (Passes 5.38 cfs of 12.35 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 5.38 cfs @ 7.18 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-41: Basin #41**Hydrograph**

Hydrograph for Pond B-41: Basin #41

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	182.00	0.00
0.10	0.00	0	182.00	0.00
0.20	0.00	0	182.00	0.00
0.30	0.00	0	182.00	0.00
0.40	0.00	0	182.00	0.00
0.50	0.00	0	182.00	0.00
0.60	0.00	1	182.00	0.00
0.70	0.01	4	182.00	0.00
0.80	0.01	8	182.00	0.00
0.90	0.02	14	182.00	0.00
1.00	0.02	21	182.00	0.00
1.10	0.03	29	182.01	0.00
1.20	0.03	39	182.01	0.00
1.30	0.03	49	182.01	0.00
1.40	0.03	61	182.01	0.00
1.50	0.04	73	182.01	0.00
1.60	0.04	87	182.02	0.00
1.70	0.04	101	182.02	0.00
1.80	0.04	116	182.02	0.00
1.90	0.04	132	182.02	0.00
2.00	0.05	148	182.03	0.00
2.10	0.05	165	182.03	0.00
2.20	0.05	183	182.03	0.00
2.30	0.05	201	182.04	0.00
2.40	0.05	220	182.04	0.00
2.50	0.05	239	182.04	0.00
2.60	0.06	259	182.05	0.00
2.70	0.06	280	182.05	0.00
2.80	0.06	300	182.05	0.00
2.90	0.06	322	182.06	0.00
3.00	0.06	344	182.06	0.00
3.10	0.06	366	182.06	0.00
3.20	0.06	389	182.07	0.00
3.30	0.06	412	182.07	0.00
3.40	0.07	435	182.08	0.00
3.50	0.07	459	182.08	0.00
3.60	0.07	483	182.09	0.00
3.70	0.07	508	182.09	0.00
3.80	0.07	533	182.09	0.00
3.90	0.07	558	182.10	0.00
4.00	0.07	584	182.10	0.00
4.10	0.07	610	182.11	0.00
4.20	0.07	636	182.11	0.00
4.30	0.08	663	182.12	0.00
4.40	0.08	690	182.12	0.00
4.50	0.08	718	182.13	0.00
4.60	0.08	745	182.13	0.00
4.70	0.08	773	182.14	0.00
4.80	0.08	802	182.14	0.00
4.90	0.08	830	182.15	0.00
5.00	0.08	859	182.15	0.00
5.10	0.08	888	182.16	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.08	918	182.16	0.00
5.30	0.08	948	182.17	0.00
5.40	0.08	978	182.17	0.00
5.50	0.08	1,008	182.18	0.00
5.60	0.09	1,039	182.18	0.00
5.70	0.09	1,069	182.19	0.00
5.80	0.09	1,101	182.19	0.00
5.90	0.09	1,132	182.20	0.00
6.00	0.09	1,164	182.20	0.00
6.10	0.09	1,196	182.21	0.00
6.20	0.09	1,229	182.22	0.00
6.30	0.10	1,263	182.22	0.00
6.40	0.10	1,298	182.23	0.00
6.50	0.11	1,336	182.24	0.00
6.60	0.11	1,374	182.24	0.00
6.70	0.12	1,415	182.25	0.00
6.80	0.12	1,457	182.26	0.00
6.90	0.13	1,501	182.26	0.00
7.00	0.13	1,548	182.27	0.00
7.10	0.14	1,596	182.28	0.00
7.20	0.14	1,646	182.29	0.00
7.30	0.15	1,697	182.30	0.00
7.40	0.15	1,751	182.31	0.00
7.50	0.16	1,807	182.32	0.00
7.60	0.16	1,866	182.33	0.00
7.70	0.17	1,926	182.34	0.00
7.80	0.18	1,988	182.35	0.00
7.90	0.18	2,053	182.36	0.00
8.00	0.19	2,120	182.37	0.00
8.10	0.20	2,189	182.39	0.00
8.20	0.20	2,261	182.40	0.00
8.30	0.21	2,335	182.41	0.00
8.40	0.22	2,411	182.42	0.00
8.50	0.22	2,490	182.44	0.00
8.60	0.23	2,572	182.45	0.00
8.70	0.24	2,656	182.47	0.00
8.80	0.24	2,742	182.48	0.00
8.90	0.25	2,831	182.50	0.00
9.00	0.26	2,923	182.51	0.00
9.10	0.28	3,019	182.53	0.00
9.20	0.29	3,120	182.55	0.01
9.30	0.31	3,220	182.57	0.04
9.40	0.33	3,318	182.58	0.06
9.50	0.35	3,414	182.60	0.09
9.60	0.37	3,506	182.62	0.13
9.70	0.39	3,593	182.63	0.16
9.80	0.42	3,675	182.65	0.19
9.90	0.44	3,754	182.66	0.23
10.00	0.46	3,827	182.67	0.26
10.10	0.48	3,896	182.69	0.30
10.20	0.51	3,963	182.70	0.33
10.30	0.53	4,026	182.71	0.36

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.56	4,085	182.72	0.40
10.50	0.59	4,143	182.73	0.43
10.60	0.66	4,208	182.74	0.47
10.70	0.74	4,286	182.75	0.51
10.80	0.82	4,375	182.77	0.57
10.90	0.91	4,473	182.79	0.63
11.00	1.00	4,580	182.81	0.70
11.10	1.16	4,705	182.83	0.78
11.20	1.32	4,853	182.85	0.89
11.30	1.49	5,020	182.88	1.01
11.40	1.66	5,201	182.92	1.15
11.50	1.92	5,396	182.95	1.31
11.60	2.83	5,761	183.01	1.62
11.70	3.23	6,204	183.09	1.95
11.80	4.53	6,858	183.21	2.32
11.90	6.80	7,988	183.41	2.84
12.00	12.17	10,330	183.82	3.67
12.10	17.84	14,685	184.58	4.85
12.20	7.35	16,874	184.97	5.34
12.30	5.04	17,070	185.00	5.38
12.40	3.81	16,677	184.93	5.30
12.50	3.44	16,100	184.83	5.17
12.60	2.37	15,262	184.69	4.98
12.70	2.17	14,319	184.52	4.76
12.80	1.99	13,390	184.36	4.53
12.90	1.80	12,477	184.20	4.29
13.00	1.61	11,583	184.04	4.04
13.10	1.43	10,712	183.88	3.79
13.20	1.32	9,887	183.74	3.53
13.30	1.22	9,118	183.60	3.27
13.40	1.12	8,407	183.48	3.00
13.50	1.01	7,754	183.36	2.74
13.60	0.92	7,160	183.26	2.47
13.70	0.89	6,643	183.17	2.21
13.80	0.86	6,209	183.09	1.95
13.90	0.84	5,857	183.03	1.70
14.00	0.81	5,584	182.98	1.47
14.10	0.78	5,375	182.95	1.29
14.20	0.76	5,211	182.92	1.16
14.30	0.73	5,079	182.89	1.06
14.40	0.70	4,970	182.87	0.98
14.50	0.68	4,879	182.86	0.91
14.60	0.65	4,801	182.84	0.85
14.70	0.62	4,731	182.83	0.80
14.80	0.60	4,668	182.82	0.76
14.90	0.57	4,610	182.81	0.72
15.00	0.54	4,556	182.80	0.68
15.10	0.52	4,506	182.79	0.65
15.20	0.51	4,461	182.78	0.62
15.30	0.50	4,423	182.78	0.60
15.40	0.49	4,390	182.77	0.58
15.50	0.49	4,362	182.77	0.56

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.48	4,337	182.76	0.54
15.70	0.47	4,315	182.76	0.53
15.80	0.46	4,294	182.76	0.52
15.90	0.46	4,276	182.75	0.51
16.00	0.45	4,259	182.75	0.50
16.10	0.44	4,244	182.75	0.49
16.20	0.44	4,228	182.74	0.48
16.30	0.43	4,213	182.74	0.47
16.40	0.42	4,199	182.74	0.46
16.50	0.41	4,184	182.74	0.45
16.60	0.41	4,170	182.73	0.45
16.70	0.40	4,157	182.73	0.44
16.80	0.39	4,143	182.73	0.43
16.90	0.39	4,129	182.73	0.42
17.00	0.38	4,116	182.72	0.41
17.10	0.37	4,103	182.72	0.41
17.20	0.36	4,090	182.72	0.40
17.30	0.36	4,076	182.72	0.39
17.40	0.35	4,063	182.71	0.39
17.50	0.34	4,050	182.71	0.38
17.60	0.34	4,037	182.71	0.37
17.70	0.33	4,024	182.71	0.36
17.80	0.32	4,011	182.71	0.36
17.90	0.31	3,998	182.70	0.35
18.00	0.31	3,985	182.70	0.34
18.10	0.30	3,972	182.70	0.33
18.20	0.30	3,960	182.70	0.33
18.30	0.30	3,949	182.69	0.32
18.40	0.29	3,939	182.69	0.32
18.50	0.29	3,931	182.69	0.31
18.60	0.29	3,923	182.69	0.31
18.70	0.29	3,915	182.69	0.31
18.80	0.29	3,909	182.69	0.30
18.90	0.28	3,903	182.69	0.30
19.00	0.28	3,897	182.69	0.30
19.10	0.28	3,891	182.68	0.30
19.20	0.28	3,886	182.68	0.29
19.30	0.28	3,881	182.68	0.29
19.40	0.28	3,876	182.68	0.29
19.50	0.27	3,872	182.68	0.29
19.60	0.27	3,867	182.68	0.28
19.70	0.27	3,863	182.68	0.28
19.80	0.27	3,859	182.68	0.28
19.90	0.27	3,855	182.68	0.28
20.00	0.26	3,851	182.68	0.28
20.10	0.26	3,847	182.68	0.27
20.20	0.26	3,843	182.68	0.27
20.30	0.26	3,839	182.68	0.27
20.40	0.26	3,835	182.67	0.27
20.50	0.26	3,831	182.67	0.27
20.60	0.26	3,827	182.67	0.26
20.70	0.25	3,823	182.67	0.26

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	3,819	182.67	0.26
20.90	0.25	3,815	182.67	0.26
21.00	0.25	3,812	182.67	0.26
21.10	0.24	3,808	182.67	0.26
21.20	0.24	3,804	182.67	0.25
21.30	0.24	3,800	182.67	0.25
21.40	0.24	3,797	182.67	0.25
21.50	0.24	3,793	182.67	0.25
21.60	0.24	3,789	182.67	0.25
21.70	0.23	3,785	182.67	0.24
21.80	0.23	3,781	182.67	0.24
21.90	0.23	3,778	182.66	0.24
22.00	0.23	3,774	182.66	0.24
22.10	0.23	3,770	182.66	0.24
22.20	0.23	3,766	182.66	0.24
22.30	0.22	3,763	182.66	0.23
22.40	0.22	3,759	182.66	0.23
22.50	0.22	3,755	182.66	0.23
22.60	0.22	3,751	182.66	0.23
22.70	0.22	3,747	182.66	0.23
22.80	0.21	3,744	182.66	0.22
22.90	0.21	3,740	182.66	0.22
23.00	0.21	3,736	182.66	0.22
23.10	0.21	3,732	182.66	0.22
23.20	0.21	3,728	182.66	0.22
23.30	0.20	3,724	182.66	0.21
23.40	0.20	3,721	182.65	0.21
23.50	0.20	3,717	182.65	0.21
23.60	0.20	3,713	182.65	0.21
23.70	0.20	3,709	182.65	0.21
23.80	0.19	3,706	182.65	0.21
23.90	0.20	3,702	182.65	0.20
24.00	0.20	3,706	182.65	0.21
24.10	0.01	3,663	182.64	0.19
24.20	0.00	3,601	182.63	0.16
24.30	0.00	3,546	182.62	0.14
24.40	0.00	3,498	182.62	0.12
24.50	0.00	3,456	182.61	0.11
24.60	0.00	3,420	182.60	0.09
24.70	0.00	3,389	182.60	0.08
24.80	0.00	3,360	182.59	0.08
24.90	0.00	3,334	182.59	0.07
25.00	0.00	3,310	182.58	0.06
25.10	0.00	3,289	182.58	0.06
25.20	0.00	3,269	182.58	0.05
25.30	0.00	3,251	182.57	0.05
25.40	0.00	3,235	182.57	0.04
25.50	0.00	3,221	182.57	0.04
25.60	0.00	3,207	182.56	0.04
25.70	0.00	3,195	182.56	0.03
25.80	0.00	3,184	182.56	0.03
25.90	0.00	3,174	182.56	0.03

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,165	182.56	0.02
26.10	0.00	3,157	182.56	0.02
26.20	0.00	3,149	182.55	0.02
26.30	0.00	3,142	182.55	0.02
26.40	0.00	3,136	182.55	0.02
26.50	0.00	3,131	182.55	0.01
26.60	0.00	3,125	182.55	0.01
26.70	0.00	3,121	182.55	0.01
26.80	0.00	3,116	182.55	0.01
26.90	0.00	3,112	182.55	0.01
27.00	0.00	3,107	182.55	0.01
27.10	0.00	3,103	182.55	0.01
27.20	0.00	3,100	182.55	0.01
27.30	0.00	3,096	182.54	0.01
27.40	0.00	3,092	182.54	0.01
27.50	0.00	3,089	182.54	0.01
27.60	0.00	3,086	182.54	0.01
27.70	0.00	3,083	182.54	0.01
27.80	0.00	3,080	182.54	0.01
27.90	0.00	3,077	182.54	0.01
28.00	0.00	3,074	182.54	0.01
28.10	0.00	3,071	182.54	0.01
28.20	0.00	3,069	182.54	0.01
28.30	0.00	3,066	182.54	0.01
28.40	0.00	3,064	182.54	0.01
28.50	0.00	3,062	182.54	0.01
28.60	0.00	3,060	182.54	0.01
28.70	0.00	3,058	182.54	0.01
28.80	0.00	3,056	182.54	0.01
28.90	0.00	3,054	182.54	0.01
29.00	0.00	3,052	182.54	0.00
29.10	0.00	3,051	182.54	0.00
29.20	0.00	3,049	182.54	0.00
29.30	0.00	3,047	182.54	0.00
29.40	0.00	3,046	182.54	0.00
29.50	0.00	3,044	182.54	0.00
29.60	0.00	3,043	182.54	0.00
29.70	0.00	3,042	182.54	0.00
29.80	0.00	3,041	182.54	0.00
29.90	0.00	3,039	182.53	0.00
30.00	0.00	3,038	182.53	0.00
30.10	0.00	3,037	182.53	0.00
30.20	0.00	3,036	182.53	0.00
30.30	0.00	3,035	182.53	0.00
30.40	0.00	3,034	182.53	0.00
30.50	0.00	3,033	182.53	0.00
30.60	0.00	3,032	182.53	0.00
30.70	0.00	3,031	182.53	0.00
30.80	0.00	3,031	182.53	0.00
30.90	0.00	3,030	182.53	0.00
31.00	0.00	3,029	182.53	0.00
31.10	0.00	3,028	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,028	182.53	0.00
31.30	0.00	3,027	182.53	0.00
31.40	0.00	3,026	182.53	0.00
31.50	0.00	3,026	182.53	0.00
31.60	0.00	3,025	182.53	0.00
31.70	0.00	3,025	182.53	0.00
31.80	0.00	3,024	182.53	0.00
31.90	0.00	3,024	182.53	0.00
32.00	0.00	3,023	182.53	0.00
32.10	0.00	3,023	182.53	0.00
32.20	0.00	3,022	182.53	0.00
32.30	0.00	3,022	182.53	0.00
32.40	0.00	3,021	182.53	0.00
32.50	0.00	3,021	182.53	0.00
32.60	0.00	3,021	182.53	0.00
32.70	0.00	3,020	182.53	0.00
32.80	0.00	3,020	182.53	0.00
32.90	0.00	3,019	182.53	0.00
33.00	0.00	3,019	182.53	0.00
33.10	0.00	3,019	182.53	0.00
33.20	0.00	3,019	182.53	0.00
33.30	0.00	3,018	182.53	0.00
33.40	0.00	3,018	182.53	0.00
33.50	0.00	3,018	182.53	0.00
33.60	0.00	3,018	182.53	0.00
33.70	0.00	3,017	182.53	0.00
33.80	0.00	3,017	182.53	0.00
33.90	0.00	3,017	182.53	0.00
34.00	0.00	3,017	182.53	0.00
34.10	0.00	3,016	182.53	0.00
34.20	0.00	3,016	182.53	0.00
34.30	0.00	3,016	182.53	0.00
34.40	0.00	3,016	182.53	0.00
34.50	0.00	3,016	182.53	0.00
34.60	0.00	3,016	182.53	0.00
34.70	0.00	3,015	182.53	0.00
34.80	0.00	3,015	182.53	0.00
34.90	0.00	3,015	182.53	0.00
35.00	0.00	3,015	182.53	0.00
35.10	0.00	3,015	182.53	0.00
35.20	0.00	3,015	182.53	0.00
35.30	0.00	3,015	182.53	0.00
35.40	0.00	3,015	182.53	0.00
35.50	0.00	3,014	182.53	0.00
35.60	0.00	3,014	182.53	0.00
35.70	0.00	3,014	182.53	0.00
35.80	0.00	3,014	182.53	0.00
35.90	0.00	3,014	182.53	0.00
36.00	0.00	3,014	182.53	0.00
36.10	0.00	3,014	182.53	0.00
36.20	0.00	3,014	182.53	0.00
36.30	0.00	3,014	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,014	182.53	0.00
36.50	0.00	3,014	182.53	0.00
36.60	0.00	3,014	182.53	0.00
36.70	0.00	3,013	182.53	0.00
36.80	0.00	3,013	182.53	0.00
36.90	0.00	3,013	182.53	0.00
37.00	0.00	3,013	182.53	0.00
37.10	0.00	3,013	182.53	0.00
37.20	0.00	3,013	182.53	0.00
37.30	0.00	3,013	182.53	0.00
37.40	0.00	3,013	182.53	0.00
37.50	0.00	3,013	182.53	0.00
37.60	0.00	3,013	182.53	0.00
37.70	0.00	3,013	182.53	0.00
37.80	0.00	3,013	182.53	0.00
37.90	0.00	3,013	182.53	0.00
38.00	0.00	3,013	182.53	0.00
38.10	0.00	3,013	182.53	0.00
38.20	0.00	3,013	182.53	0.00
38.30	0.00	3,013	182.53	0.00
38.40	0.00	3,013	182.53	0.00
38.50	0.00	3,013	182.53	0.00
38.60	0.00	3,013	182.53	0.00
38.70	0.00	3,013	182.53	0.00
38.80	0.00	3,013	182.53	0.00
38.90	0.00	3,013	182.53	0.00
39.00	0.00	3,013	182.53	0.00
39.10	0.00	3,013	182.53	0.00
39.20	0.00	3,012	182.53	0.00
39.30	0.00	3,012	182.53	0.00
39.40	0.00	3,012	182.53	0.00
39.50	0.00	3,012	182.53	0.00
39.60	0.00	3,012	182.53	0.00
39.70	0.00	3,012	182.53	0.00
39.80	0.00	3,012	182.53	0.00
39.90	0.00	3,012	182.53	0.00
40.00	0.00	3,012	182.53	0.00

Stage-Discharge for Pond B-41: Basin #41

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.00	0.00	182.52	0.00	183.04	1.75	183.56	3.18
182.01	0.00	182.53	0.00	183.05	1.79	183.57	3.20
182.02	0.00	182.54	0.00	183.06	1.83	183.58	3.22
182.03	0.00	182.55	0.01	183.07	1.87	183.59	3.24
182.04	0.00	182.56	0.03	183.08	1.91	183.60	3.26
182.05	0.00	182.57	0.04	183.09	1.95	183.61	3.28
182.06	0.00	182.58	0.05	183.10	1.98	183.62	3.30
182.07	0.00	182.59	0.07	183.11	2.02	183.63	3.32
182.08	0.00	182.60	0.09	183.12	2.05	183.64	3.34
182.09	0.00	182.61	0.11	183.13	2.09	183.65	3.36
182.10	0.00	182.62	0.13	183.14	2.12	183.66	3.38
182.11	0.00	182.63	0.15	183.15	2.15	183.67	3.40
182.12	0.00	182.64	0.18	183.16	2.18	183.68	3.41
182.13	0.00	182.65	0.20	183.17	2.21	183.69	3.43
182.14	0.00	182.66	0.23	183.18	2.24	183.70	3.45
182.15	0.00	182.67	0.25	183.19	2.27	183.71	3.47
182.16	0.00	182.68	0.28	183.20	2.30	183.72	3.49
182.17	0.00	182.69	0.31	183.21	2.33	183.73	3.51
182.18	0.00	182.70	0.34	183.22	2.36	183.74	3.53
182.19	0.00	182.71	0.37	183.23	2.39	183.75	3.55
182.20	0.00	182.72	0.40	183.24	2.42	183.76	3.57
182.21	0.00	182.73	0.43	183.25	2.44	183.77	3.58
182.22	0.00	182.74	0.46	183.26	2.47	183.78	3.60
182.23	0.00	182.75	0.50	183.27	2.50	183.79	3.62
182.24	0.00	182.76	0.53	183.28	2.53	183.80	3.64
182.25	0.00	182.77	0.57	183.29	2.55	183.81	3.66
182.26	0.00	182.78	0.60	183.30	2.58	183.82	3.67
182.27	0.00	182.79	0.64	183.31	2.60	183.83	3.69
182.28	0.00	182.80	0.68	183.32	2.63	183.84	3.71
182.29	0.00	182.81	0.71	183.33	2.65	183.85	3.73
182.30	0.00	182.82	0.75	183.34	2.68	183.86	3.74
182.31	0.00	182.83	0.79	183.35	2.70	183.87	3.76
182.32	0.00	182.84	0.83	183.36	2.73	183.88	3.78
182.33	0.00	182.85	0.87	183.37	2.75	183.89	3.80
182.34	0.00	182.86	0.91	183.38	2.78	183.90	3.81
182.35	0.00	182.87	0.95	183.39	2.80	183.91	3.83
182.36	0.00	182.88	1.00	183.40	2.82	183.92	3.85
182.37	0.00	182.89	1.04	183.41	2.85	183.93	3.86
182.38	0.00	182.90	1.08	183.42	2.87	183.94	3.88
182.39	0.00	182.91	1.13	183.43	2.89	183.95	3.90
182.40	0.00	182.92	1.17	183.44	2.92	183.96	3.92
182.41	0.00	182.93	1.22	183.45	2.94	183.97	3.93
182.42	0.00	182.94	1.26	183.46	2.96	183.98	3.95
182.43	0.00	182.95	1.31	183.47	2.98	183.99	3.97
182.44	0.00	182.96	1.36	183.48	3.00	184.00	3.98
182.45	0.00	182.97	1.41	183.49	3.03	184.01	4.00
182.46	0.00	182.98	1.45	183.50	3.05	184.02	4.01
182.47	0.00	182.99	1.50	183.51	3.07	184.03	4.03
182.48	0.00	183.00	1.55	183.52	3.09	184.04	4.05
182.49	0.00	183.01	1.60	183.53	3.11	184.05	4.06
182.50	0.00	183.02	1.65	183.54	3.13	184.06	4.08
182.51	0.00	183.03	1.70	183.55	3.15	184.07	4.10

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.08	4.11	184.60	4.87	185.12	5.52	185.64	6.11
184.09	4.13	184.61	4.88	185.13	5.53	185.65	6.12
184.10	4.14	184.62	4.89	185.14	5.55	185.66	6.13
184.11	4.16	184.63	4.91	185.15	5.56	185.67	6.14
184.12	4.17	184.64	4.92	185.16	5.57	185.68	6.15
184.13	4.19	184.65	4.93	185.17	5.58	185.69	6.16
184.14	4.21	184.66	4.95	185.18	5.59	185.70	6.17
184.15	4.22	184.67	4.96	185.19	5.60	185.71	6.18
184.16	4.24	184.68	4.97	185.20	5.62	185.72	6.19
184.17	4.25	184.69	4.99	185.21	5.63	185.73	6.20
184.18	4.27	184.70	5.00	185.22	5.64	185.74	6.21
184.19	4.28	184.71	5.01	185.23	5.65	185.75	6.22
184.20	4.30	184.72	5.03	185.24	5.66	185.76	6.23
184.21	4.31	184.73	5.04	185.25	5.67	185.77	6.24
184.22	4.33	184.74	5.05	185.26	5.68	185.78	6.25
184.23	4.34	184.75	5.07	185.27	5.70	185.79	6.26
184.24	4.36	184.76	5.08	185.28	5.71	185.80	6.27
184.25	4.37	184.77	5.09	185.29	5.72	185.81	6.28
184.26	4.39	184.78	5.10	185.30	5.73	185.82	6.29
184.27	4.40	184.79	5.12	185.31	5.74	185.83	6.30
184.28	4.42	184.80	5.13	185.32	5.75	185.84	6.32
184.29	4.43	184.81	5.14	185.33	5.76	185.85	6.33
184.30	4.45	184.82	5.15	185.34	5.78	185.86	6.34
184.31	4.46	184.83	5.17	185.35	5.79	185.87	6.35
184.32	4.48	184.84	5.18	185.36	5.80	185.88	6.36
184.33	4.49	184.85	5.19	185.37	5.81	185.89	6.37
184.34	4.51	184.86	5.21	185.38	5.82	185.90	6.38
184.35	4.52	184.87	5.22	185.39	5.83	185.91	6.39
184.36	4.53	184.88	5.23	185.40	5.84	185.92	6.40
184.37	4.55	184.89	5.24	185.41	5.85	185.93	6.41
184.38	4.56	184.90	5.25	185.42	5.87	185.94	6.42
184.39	4.58	184.91	5.27	185.43	5.88	185.95	6.43
184.40	4.59	184.92	5.28	185.44	5.89	185.96	6.44
184.41	4.61	184.93	5.29	185.45	5.90	185.97	6.45
184.42	4.62	184.94	5.30	185.46	5.91	185.98	6.46
184.43	4.63	184.95	5.32	185.47	5.92	185.99	6.47
184.44	4.65	184.96	5.33	185.48	5.93	186.00	6.48
184.45	4.66	184.97	5.34	185.49	5.94	186.01	6.50
184.46	4.68	184.98	5.35	185.50	5.95	186.02	6.54
184.47	4.69	184.99	5.37	185.51	5.96	186.03	6.58
184.48	4.70	185.00	5.38	185.52	5.98	186.04	6.62
184.49	4.72	185.01	5.39	185.53	5.99	186.05	6.67
184.50	4.73	185.02	5.40	185.54	6.00	186.06	6.73
184.51	4.75	185.03	5.41	185.55	6.01	186.07	6.79
184.52	4.76	185.04	5.43	185.56	6.02	186.08	6.85
184.53	4.77	185.05	5.44	185.57	6.03	186.09	6.92
184.54	4.79	185.06	5.45	185.58	6.04	186.10	6.99
184.55	4.80	185.07	5.46	185.59	6.05	186.11	7.06
184.56	4.81	185.08	5.47	185.60	6.06	186.12	7.14
184.57	4.83	185.09	5.49	185.61	6.07	186.13	7.22
184.58	4.84	185.10	5.50	185.62	6.08	186.14	7.30
184.59	4.85	185.11	5.51	185.63	6.09	186.15	7.38

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.16	7.47	186.68	23.23
186.17	7.56	186.69	24.16
186.18	7.65	186.70	25.11
186.19	7.74	186.71	26.12
186.20	7.84	186.72	27.15
186.21	7.93	186.73	28.22
186.22	8.03	186.74	29.31
186.23	8.13	186.75	30.42
186.24	8.24	186.76	31.57
186.25	8.34	186.77	32.74
186.26	8.45	186.78	33.93
186.27	8.56	186.79	35.15
186.28	8.67	186.80	36.39
186.29	8.78	186.81	37.66
186.30	8.89	186.82	38.96
186.31	9.01	186.83	40.28
186.32	9.12	186.84	41.62
186.33	9.24	186.85	43.00
186.34	9.36	186.86	44.35
186.35	9.48	186.87	45.62
186.36	9.61	186.88	46.91
186.37	9.73	186.89	48.22
186.38	9.86	186.90	49.56
186.39	9.98	186.91	50.95
186.40	10.11	186.92	52.36
186.41	10.24	186.93	53.80
186.42	10.37	186.94	55.27
186.43	10.51	186.95	56.76
186.44	10.64	186.96	58.28
186.45	10.78	186.97	59.82
186.46	10.91	186.98	61.39
186.47	11.05	186.99	62.99
186.48	11.19	187.00	64.62
186.49	11.33		
186.50	11.47		
186.51	11.73		
186.52	12.09		
186.53	12.51		
186.54	12.99		
186.55	13.51		
186.56	14.07		
186.57	14.67		
186.58	15.31		
186.59	15.97		
186.60	16.67		
186.61	17.40		
186.62	18.15		
186.63	18.94		
186.64	19.75		
186.65	20.58		
186.66	21.44		
186.67	22.32		

Stage-Area-Storage for Pond B-41: Basin #41

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.00	5,683	0	182.52	5,683	2,955
182.01	5,683	57	182.53	5,683	3,012
182.02	5,683	114	182.54	5,683	3,069
182.03	5,683	170	182.55	5,683	3,126
182.04	5,683	227	182.56	5,683	3,182
182.05	5,683	284	182.57	5,683	3,239
182.06	5,683	341	182.58	5,683	3,296
182.07	5,683	398	182.59	5,683	3,353
182.08	5,683	455	182.60	5,683	3,410
182.09	5,683	511	182.61	5,683	3,467
182.10	5,683	568	182.62	5,683	3,523
182.11	5,683	625	182.63	5,683	3,580
182.12	5,683	682	182.64	5,683	3,637
182.13	5,683	739	182.65	5,683	3,694
182.14	5,683	796	182.66	5,683	3,751
182.15	5,683	852	182.67	5,683	3,808
182.16	5,683	909	182.68	5,683	3,864
182.17	5,683	966	182.69	5,683	3,921
182.18	5,683	1,023	182.70	5,683	3,978
182.19	5,683	1,080	182.71	5,683	4,035
182.20	5,683	1,137	182.72	5,683	4,092
182.21	5,683	1,193	182.73	5,683	4,149
182.22	5,683	1,250	182.74	5,683	4,205
182.23	5,683	1,307	182.75	5,683	4,262
182.24	5,683	1,364	182.76	5,683	4,319
182.25	5,683	1,421	182.77	5,683	4,376
182.26	5,683	1,478	182.78	5,683	4,433
182.27	5,683	1,534	182.79	5,683	4,490
182.28	5,683	1,591	182.80	5,683	4,546
182.29	5,683	1,648	182.81	5,683	4,603
182.30	5,683	1,705	182.82	5,683	4,660
182.31	5,683	1,762	182.83	5,683	4,717
182.32	5,683	1,819	182.84	5,683	4,774
182.33	5,683	1,875	182.85	5,683	4,831
182.34	5,683	1,932	182.86	5,683	4,887
182.35	5,683	1,989	182.87	5,683	4,944
182.36	5,683	2,046	182.88	5,683	5,001
182.37	5,683	2,103	182.89	5,683	5,058
182.38	5,683	2,160	182.90	5,683	5,115
182.39	5,683	2,216	182.91	5,683	5,172
182.40	5,683	2,273	182.92	5,683	5,228
182.41	5,683	2,330	182.93	5,683	5,285
182.42	5,683	2,387	182.94	5,683	5,342
182.43	5,683	2,444	182.95	5,683	5,399
182.44	5,683	2,501	182.96	5,683	5,456
182.45	5,683	2,557	182.97	5,683	5,513
182.46	5,683	2,614	182.98	5,683	5,569
182.47	5,683	2,671	182.99	5,683	5,626
182.48	5,683	2,728	183.00	5,683	5,683
182.49	5,683	2,785	183.01	5,683	5,740
182.50	5,683	2,842	183.02	5,683	5,797
182.51	5,683	2,898	183.03	5,683	5,853

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.04	5,683	5,910	183.56	5,683	8,865
183.05	5,683	5,967	183.57	5,683	8,922
183.06	5,683	6,024	183.58	5,683	8,979
183.07	5,683	6,081	183.59	5,683	9,036
183.08	5,683	6,138	183.60	5,683	9,093
183.09	5,683	6,194	183.61	5,683	9,150
183.10	5,683	6,251	183.62	5,683	9,206
183.11	5,683	6,308	183.63	5,683	9,263
183.12	5,683	6,365	183.64	5,683	9,320
183.13	5,683	6,422	183.65	5,683	9,377
183.14	5,683	6,479	183.66	5,683	9,434
183.15	5,683	6,535	183.67	5,683	9,491
183.16	5,683	6,592	183.68	5,683	9,547
183.17	5,683	6,649	183.69	5,683	9,604
183.18	5,683	6,706	183.70	5,683	9,661
183.19	5,683	6,763	183.71	5,683	9,718
183.20	5,683	6,820	183.72	5,683	9,775
183.21	5,683	6,876	183.73	5,683	9,832
183.22	5,683	6,933	183.74	5,683	9,888
183.23	5,683	6,990	183.75	5,683	9,945
183.24	5,683	7,047	183.76	5,683	10,002
183.25	5,683	7,104	183.77	5,683	10,059
183.26	5,683	7,161	183.78	5,683	10,116
183.27	5,683	7,217	183.79	5,683	10,173
183.28	5,683	7,274	183.80	5,683	10,229
183.29	5,683	7,331	183.81	5,683	10,286
183.30	5,683	7,388	183.82	5,683	10,343
183.31	5,683	7,445	183.83	5,683	10,400
183.32	5,683	7,502	183.84	5,683	10,457
183.33	5,683	7,558	183.85	5,683	10,514
183.34	5,683	7,615	183.86	5,683	10,570
183.35	5,683	7,672	183.87	5,683	10,627
183.36	5,683	7,729	183.88	5,683	10,684
183.37	5,683	7,786	183.89	5,683	10,741
183.38	5,683	7,843	183.90	5,683	10,798
183.39	5,683	7,899	183.91	5,683	10,855
183.40	5,683	7,956	183.92	5,683	10,911
183.41	5,683	8,013	183.93	5,683	10,968
183.42	5,683	8,070	183.94	5,683	11,025
183.43	5,683	8,127	183.95	5,683	11,082
183.44	5,683	8,184	183.96	5,683	11,139
183.45	5,683	8,240	183.97	5,683	11,196
183.46	5,683	8,297	183.98	5,683	11,252
183.47	5,683	8,354	183.99	5,683	11,309
183.48	5,683	8,411	184.00	5,683	11,366
183.49	5,683	8,468	184.01	5,683	11,423
183.50	5,683	8,525	184.02	5,683	11,480
183.51	5,683	8,581	184.03	5,683	11,536
183.52	5,683	8,638	184.04	5,683	11,593
183.53	5,683	8,695	184.05	5,683	11,650
183.54	5,683	8,752	184.06	5,683	11,707
183.55	5,683	8,809	184.07	5,683	11,764

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.08	5,683	11,821	184.60	5,683	14,776
184.09	5,683	11,877	184.61	5,683	14,833
184.10	5,683	11,934	184.62	5,683	14,889
184.11	5,683	11,991	184.63	5,683	14,946
184.12	5,683	12,048	184.64	5,683	15,003
184.13	5,683	12,105	184.65	5,683	15,060
184.14	5,683	12,162	184.66	5,683	15,117
184.15	5,683	12,218	184.67	5,683	15,174
184.16	5,683	12,275	184.68	5,683	15,230
184.17	5,683	12,332	184.69	5,683	15,287
184.18	5,683	12,389	184.70	5,683	15,344
184.19	5,683	12,446	184.71	5,683	15,401
184.20	5,683	12,503	184.72	5,683	15,458
184.21	5,683	12,559	184.73	5,683	15,515
184.22	5,683	12,616	184.74	5,683	15,571
184.23	5,683	12,673	184.75	5,683	15,628
184.24	5,683	12,730	184.76	5,683	15,685
184.25	5,683	12,787	184.77	5,683	15,742
184.26	5,683	12,844	184.78	5,683	15,799
184.27	5,683	12,900	184.79	5,683	15,856
184.28	5,683	12,957	184.80	5,683	15,912
184.29	5,683	13,014	184.81	5,683	15,969
184.30	5,683	13,071	184.82	5,683	16,026
184.31	5,683	13,128	184.83	5,683	16,083
184.32	5,683	13,185	184.84	5,683	16,140
184.33	5,683	13,241	184.85	5,683	16,197
184.34	5,683	13,298	184.86	5,683	16,253
184.35	5,683	13,355	184.87	5,683	16,310
184.36	5,683	13,412	184.88	5,683	16,367
184.37	5,683	13,469	184.89	5,683	16,424
184.38	5,683	13,526	184.90	5,683	16,481
184.39	5,683	13,582	184.91	5,683	16,538
184.40	5,683	13,639	184.92	5,683	16,594
184.41	5,683	13,696	184.93	5,683	16,651
184.42	5,683	13,753	184.94	5,683	16,708
184.43	5,683	13,810	184.95	5,683	16,765
184.44	5,683	13,867	184.96	5,683	16,822
184.45	5,683	13,923	184.97	5,683	16,879
184.46	5,683	13,980	184.98	5,683	16,935
184.47	5,683	14,037	184.99	5,683	16,992
184.48	5,683	14,094	185.00	5,683	17,049
184.49	5,683	14,151	185.01	5,683	17,106
184.50	5,683	14,208	185.02	5,683	17,163
184.51	5,683	14,264	185.03	5,683	17,219
184.52	5,683	14,321	185.04	5,683	17,276
184.53	5,683	14,378	185.05	5,683	17,333
184.54	5,683	14,435	185.06	5,683	17,390
184.55	5,683	14,492	185.07	5,683	17,447
184.56	5,683	14,548	185.08	5,683	17,504
184.57	5,683	14,605	185.09	5,683	17,560
184.58	5,683	14,662	185.10	5,683	17,617
184.59	5,683	14,719	185.11	5,683	17,674

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.12	5,683	17,731	185.64	5,683	20,686
185.13	5,683	17,788	185.65	5,683	20,743
185.14	5,683	17,845	185.66	5,683	20,800
185.15	5,683	17,901	185.67	5,683	20,857
185.16	5,683	17,958	185.68	5,683	20,913
185.17	5,683	18,015	185.69	5,683	20,970
185.18	5,683	18,072	185.70	5,683	21,027
185.19	5,683	18,129	185.71	5,683	21,084
185.20	5,683	18,186	185.72	5,683	21,141
185.21	5,683	18,242	185.73	5,683	21,198
185.22	5,683	18,299	185.74	5,683	21,254
185.23	5,683	18,356	185.75	5,683	21,311
185.24	5,683	18,413	185.76	5,683	21,368
185.25	5,683	18,470	185.77	5,683	21,425
185.26	5,683	18,527	185.78	5,683	21,482
185.27	5,683	18,583	185.79	5,683	21,539
185.28	5,683	18,640	185.80	5,683	21,595
185.29	5,683	18,697	185.81	5,683	21,652
185.30	5,683	18,754	185.82	5,683	21,709
185.31	5,683	18,811	185.83	5,683	21,766
185.32	5,683	18,868	185.84	5,683	21,823
185.33	5,683	18,924	185.85	5,683	21,880
185.34	5,683	18,981	185.86	5,683	21,936
185.35	5,683	19,038	185.87	5,683	21,993
185.36	5,683	19,095	185.88	5,683	22,050
185.37	5,683	19,152	185.89	5,683	22,107
185.38	5,683	19,209	185.90	5,683	22,164
185.39	5,683	19,265	185.91	5,683	22,221
185.40	5,683	19,322	185.92	5,683	22,277
185.41	5,683	19,379	185.93	5,683	22,334
185.42	5,683	19,436	185.94	5,683	22,391
185.43	5,683	19,493	185.95	5,683	22,448
185.44	5,683	19,550	185.96	5,683	22,505
185.45	5,683	19,606	185.97	5,683	22,562
185.46	5,683	19,663	185.98	5,683	22,618
185.47	5,683	19,720	185.99	5,683	22,675
185.48	5,683	19,777	186.00	5,683	22,732
185.49	5,683	19,834	186.01	5,683	22,789
185.50	5,683	19,891	186.02	5,683	22,846
185.51	5,683	19,947	186.03	5,683	22,902
185.52	5,683	20,004	186.04	5,683	22,959
185.53	5,683	20,061	186.05	5,683	23,016
185.54	5,683	20,118	186.06	5,683	23,073
185.55	5,683	20,175	186.07	5,683	23,130
185.56	5,683	20,231	186.08	5,683	23,187
185.57	5,683	20,288	186.09	5,683	23,243
185.58	5,683	20,345	186.10	5,683	23,300
185.59	5,683	20,402	186.11	5,683	23,357
185.60	5,683	20,459	186.12	5,683	23,414
185.61	5,683	20,516	186.13	5,683	23,471
185.62	5,683	20,572	186.14	5,683	23,528
185.63	5,683	20,629	186.15	5,683	23,584

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.16	5,683	23,641	186.68	5,683	26,596
186.17	5,683	23,698	186.69	5,683	26,653
186.18	5,683	23,755	186.70	5,683	26,710
186.19	5,683	23,812	186.71	5,683	26,767
186.20	5,683	23,869	186.72	5,683	26,824
186.21	5,683	23,925	186.73	5,683	26,881
186.22	5,683	23,982	186.74	5,683	26,937
186.23	5,683	24,039	186.75	5,683	26,994
186.24	5,683	24,096	186.76	5,683	27,051
186.25	5,683	24,153	186.77	5,683	27,108
186.26	5,683	24,210	186.78	5,683	27,165
186.27	5,683	24,266	186.79	5,683	27,222
186.28	5,683	24,323	186.80	5,683	27,278
186.29	5,683	24,380	186.81	5,683	27,335
186.30	5,683	24,437	186.82	5,683	27,392
186.31	5,683	24,494	186.83	5,683	27,449
186.32	5,683	24,551	186.84	5,683	27,506
186.33	5,683	24,607	186.85	5,683	27,563
186.34	5,683	24,664	186.86	5,683	27,619
186.35	5,683	24,721	186.87	5,683	27,676
186.36	5,683	24,778	186.88	5,683	27,733
186.37	5,683	24,835	186.89	5,683	27,790
186.38	5,683	24,892	186.90	5,683	27,847
186.39	5,683	24,948	186.91	5,683	27,904
186.40	5,683	25,005	186.92	5,683	27,960
186.41	5,683	25,062	186.93	5,683	28,017
186.42	5,683	25,119	186.94	5,683	28,074
186.43	5,683	25,176	186.95	5,683	28,131
186.44	5,683	25,233	186.96	5,683	28,188
186.45	5,683	25,289	186.97	5,683	28,245
186.46	5,683	25,346	186.98	5,683	28,301
186.47	5,683	25,403	186.99	5,683	28,358
186.48	5,683	25,460	187.00	5,683	28,415
186.49	5,683	25,517			
186.50	5,683	25,574			
186.51	5,683	25,630			
186.52	5,683	25,687			
186.53	5,683	25,744			
186.54	5,683	25,801			
186.55	5,683	25,858			
186.56	5,683	25,914			
186.57	5,683	25,971			
186.58	5,683	26,028			
186.59	5,683	26,085			
186.60	5,683	26,142			
186.61	5,683	26,199			
186.62	5,683	26,255			
186.63	5,683	26,312			
186.64	5,683	26,369			
186.65	5,683	26,426			
186.66	5,683	26,483			
186.67	5,683	26,540			

Summary for Pond B-42: Basin #42

Inflow Area = 0.777 ac, 38.35% Impervious, Inflow Depth = 6.43" for Current 100 yr event
 Inflow = 6.61 cfs @ 12.07 hrs, Volume= 0.416 af
 Outflow = 0.28 cfs @ 13.90 hrs, Volume= 0.363 af, Atten= 96%, Lag= 110.0 min
 Primary = 0.28 cfs @ 13.90 hrs, Volume= 0.363 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 184.80' @ 13.90 hrs Surf.Area= 4,115 sf Storage= 11,752 cf

Plug-Flow detention time= 520.6 min calculated for 0.362 af (87% of inflow)
 Center-of-Mass det. time= 459.7 min (1,235.4 - 775.7)

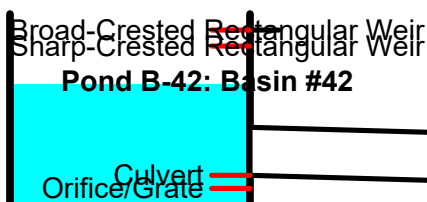
Volume	Invert	Avail.Storage	Storage Description
#1	181.00'	22,250 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
181.00	2,142	0	0
182.00	2,613	2,378	2,378
183.00	3,118	2,866	5,243
184.00	3,656	3,387	8,630
185.00	4,227	3,942	12,572
186.00	4,831	4,529	17,101
187.00	5,468	5,150	22,250

Device	Routing	Invert	Outlet Devices
#1	Primary	181.96'	18.0" Round Culvert L= 192.0' Ke= 0.500 Inlet / Outlet Invert= 181.96' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

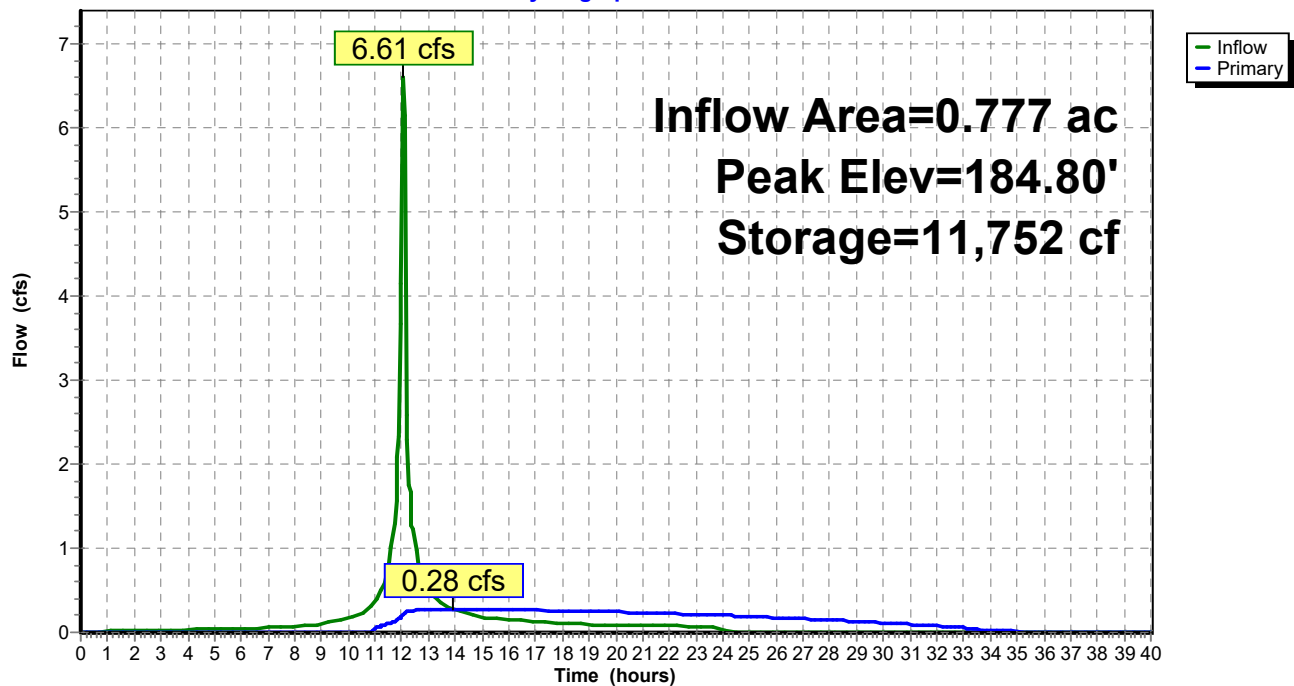
Primary OutFlow Max=0.28 cfs @ 13.90 hrs HW=184.80' (Free Discharge)

- 1=Culvert (Passes 0.28 cfs of 9.61 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.28 cfs @ 8.12 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-42: Basin #42

Hydrograph



Hydrograph for Pond B-42: Basin #42

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	181.00	0.00
0.10	0.00	0	181.00	0.00
0.20	0.00	0	181.00	0.00
0.30	0.00	0	181.00	0.00
0.40	0.00	0	181.00	0.00
0.50	0.00	0	181.00	0.00
0.60	0.00	1	181.00	0.00
0.70	0.01	2	181.00	0.00
0.80	0.01	4	181.00	0.00
0.90	0.01	7	181.00	0.00
1.00	0.01	10	181.00	0.00
1.10	0.01	14	181.01	0.00
1.20	0.01	19	181.01	0.00
1.30	0.01	23	181.01	0.00
1.40	0.01	29	181.01	0.00
1.50	0.02	34	181.02	0.00
1.60	0.02	40	181.02	0.00
1.70	0.02	46	181.02	0.00
1.80	0.02	53	181.02	0.00
1.90	0.02	60	181.03	0.00
2.00	0.02	67	181.03	0.00
2.10	0.02	75	181.03	0.00
2.20	0.02	82	181.04	0.00
2.30	0.02	90	181.04	0.00
2.40	0.02	99	181.05	0.00
2.50	0.02	107	181.05	0.00
2.60	0.02	116	181.05	0.00
2.70	0.03	125	181.06	0.00
2.80	0.03	134	181.06	0.00
2.90	0.03	143	181.07	0.00
3.00	0.03	153	181.07	0.00
3.10	0.03	163	181.08	0.00
3.20	0.03	172	181.08	0.00
3.30	0.03	182	181.08	0.00
3.40	0.03	193	181.09	0.00
3.50	0.03	203	181.09	0.00
3.60	0.03	214	181.10	0.00
3.70	0.03	225	181.10	0.00
3.80	0.03	235	181.11	0.00
3.90	0.03	246	181.11	0.00
4.00	0.03	258	181.12	0.00
4.10	0.03	269	181.12	0.00
4.20	0.03	280	181.13	0.00
4.30	0.03	292	181.13	0.00
4.40	0.03	304	181.14	0.00
4.50	0.03	316	181.15	0.00
4.60	0.03	328	181.15	0.00
4.70	0.03	340	181.16	0.00
4.80	0.03	352	181.16	0.00
4.90	0.03	365	181.17	0.00
5.00	0.04	377	181.17	0.00
5.10	0.04	390	181.18	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	403	181.18	0.00
5.30	0.04	416	181.19	0.00
5.40	0.04	429	181.20	0.00
5.50	0.04	442	181.20	0.00
5.60	0.04	455	181.21	0.00
5.70	0.04	469	181.21	0.00
5.80	0.04	482	181.22	0.00
5.90	0.04	496	181.23	0.00
6.00	0.04	510	181.23	0.00
6.10	0.04	524	181.24	0.00
6.20	0.04	538	181.24	0.00
6.30	0.04	553	181.25	0.00
6.40	0.04	569	181.26	0.00
6.50	0.05	585	181.27	0.00
6.60	0.05	601	181.27	0.00
6.70	0.05	619	181.28	0.00
6.80	0.05	636	181.29	0.00
6.90	0.05	655	181.30	0.00
7.00	0.05	674	181.30	0.00
7.10	0.06	694	181.31	0.00
7.20	0.06	714	181.32	0.00
7.30	0.06	736	181.33	0.00
7.40	0.06	758	181.34	0.00
7.50	0.06	780	181.35	0.00
7.60	0.07	804	181.36	0.00
7.70	0.07	828	181.37	0.00
7.80	0.07	853	181.38	0.00
7.90	0.07	878	181.39	0.00
8.00	0.07	905	181.40	0.00
8.10	0.08	932	181.42	0.00
8.20	0.08	960	181.43	0.00
8.30	0.08	989	181.44	0.00
8.40	0.08	1,018	181.45	0.00
8.50	0.09	1,049	181.47	0.00
8.60	0.09	1,080	181.48	0.00
8.70	0.09	1,112	181.49	0.00
8.80	0.09	1,145	181.51	0.00
8.90	0.09	1,179	181.52	0.00
9.00	0.10	1,214	181.54	0.00
9.10	0.10	1,251	181.55	0.00
9.20	0.11	1,290	181.57	0.00
9.30	0.12	1,331	181.58	0.00
9.40	0.12	1,375	181.60	0.00
9.50	0.13	1,421	181.62	0.00
9.60	0.14	1,470	181.64	0.00
9.70	0.15	1,522	181.66	0.00
9.80	0.15	1,576	181.68	0.00
9.90	0.16	1,633	181.71	0.00
10.00	0.17	1,693	181.73	0.00
10.10	0.18	1,755	181.76	0.00
10.20	0.19	1,821	181.78	0.00
10.30	0.19	1,889	181.81	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.20	1,960	181.84	0.00
10.50	0.21	2,035	181.87	0.00
10.60	0.24	2,118	181.90	0.00
10.70	0.27	2,210	181.94	0.00
10.80	0.29	2,312	181.97	0.00
10.90	0.32	2,423	182.02	0.01
11.00	0.36	2,538	182.06	0.04
11.10	0.41	2,660	182.11	0.06
11.20	0.47	2,797	182.16	0.07
11.30	0.52	2,949	182.21	0.08
11.40	0.58	3,120	182.28	0.09
11.50	0.67	3,309	182.34	0.10
11.60	1.00	3,592	182.45	0.11
11.70	1.11	3,928	182.56	0.13
11.80	1.57	4,383	182.72	0.14
11.90	2.33	5,053	182.94	0.16
12.00	4.15	6,234	183.31	0.19
12.10	6.16	8,241	183.89	0.23
12.20	2.28	9,381	184.20	0.25
12.30	1.66	9,961	184.35	0.25
12.40	1.25	10,361	184.46	0.26
12.50	1.15	10,700	184.54	0.26
12.60	0.77	10,922	184.60	0.27
12.70	0.72	11,092	184.64	0.27
12.80	0.66	11,240	184.68	0.27
12.90	0.60	11,365	184.71	0.27
13.00	0.53	11,467	184.73	0.27
13.10	0.47	11,545	184.75	0.27
13.20	0.44	11,609	184.77	0.28
13.30	0.41	11,660	184.78	0.28
13.40	0.37	11,698	184.79	0.28
13.50	0.34	11,724	184.80	0.28
13.60	0.31	11,738	184.80	0.28
13.70	0.30	11,746	184.80	0.28
13.80	0.29	11,750	184.80	0.28
13.90	0.28	11,752	184.80	0.28
14.00	0.27	11,751	184.80	0.28
14.10	0.26	11,746	184.80	0.28
14.20	0.25	11,738	184.80	0.28
14.30	0.24	11,727	184.80	0.28
14.40	0.23	11,712	184.79	0.28
14.50	0.22	11,695	184.79	0.28
14.60	0.22	11,674	184.78	0.28
14.70	0.21	11,650	184.78	0.28
14.80	0.20	11,624	184.77	0.28
14.90	0.19	11,593	184.76	0.27
15.00	0.18	11,560	184.76	0.27
15.10	0.17	11,524	184.75	0.27
15.20	0.17	11,486	184.74	0.27
15.30	0.17	11,448	184.73	0.27
15.40	0.16	11,409	184.72	0.27
15.50	0.16	11,369	184.71	0.27

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	11,329	184.70	0.27
15.70	0.16	11,288	184.69	0.27
15.80	0.15	11,246	184.68	0.27
15.90	0.15	11,204	184.67	0.27
16.00	0.15	11,161	184.66	0.27
16.10	0.15	11,117	184.65	0.27
16.20	0.15	11,073	184.64	0.27
16.30	0.14	11,028	184.63	0.27
16.40	0.14	10,982	184.61	0.27
16.50	0.14	10,936	184.60	0.27
16.60	0.14	10,889	184.59	0.27
16.70	0.13	10,841	184.58	0.27
16.80	0.13	10,793	184.57	0.26
16.90	0.13	10,744	184.55	0.26
17.00	0.13	10,695	184.54	0.26
17.10	0.12	10,645	184.53	0.26
17.20	0.12	10,594	184.52	0.26
17.30	0.12	10,542	184.50	0.26
17.40	0.12	10,490	184.49	0.26
17.50	0.11	10,437	184.48	0.26
17.60	0.11	10,384	184.46	0.26
17.70	0.11	10,330	184.45	0.26
17.80	0.11	10,276	184.44	0.26
17.90	0.10	10,220	184.42	0.26
18.00	0.10	10,165	184.41	0.26
18.10	0.10	10,108	184.39	0.26
18.20	0.10	10,052	184.38	0.26
18.30	0.10	9,995	184.36	0.25
18.40	0.10	9,939	184.35	0.25
18.50	0.10	9,883	184.33	0.25
18.60	0.10	9,827	184.32	0.25
18.70	0.10	9,770	184.30	0.25
18.80	0.09	9,714	184.29	0.25
18.90	0.09	9,658	184.28	0.25
19.00	0.09	9,602	184.26	0.25
19.10	0.09	9,547	184.25	0.25
19.20	0.09	9,491	184.23	0.25
19.30	0.09	9,435	184.22	0.25
19.40	0.09	9,379	184.20	0.25
19.50	0.09	9,324	184.19	0.24
19.60	0.09	9,268	184.17	0.24
19.70	0.09	9,213	184.16	0.24
19.80	0.09	9,158	184.14	0.24
19.90	0.09	9,102	184.13	0.24
20.00	0.09	9,047	184.11	0.24
20.10	0.09	8,992	184.10	0.24
20.20	0.09	8,937	184.08	0.24
20.30	0.09	8,882	184.07	0.24
20.40	0.09	8,827	184.05	0.24
20.50	0.08	8,772	184.04	0.24
20.60	0.08	8,718	184.02	0.24
20.70	0.08	8,663	184.01	0.23

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	8,609	183.99	0.23
20.90	0.08	8,554	183.98	0.23
21.00	0.08	8,500	183.96	0.23
21.10	0.08	8,446	183.95	0.23
21.20	0.08	8,392	183.93	0.23
21.30	0.08	8,338	183.92	0.23
21.40	0.08	8,284	183.90	0.23
21.50	0.08	8,230	183.89	0.23
21.60	0.08	8,176	183.87	0.23
21.70	0.08	8,123	183.86	0.23
21.80	0.08	8,069	183.84	0.23
21.90	0.08	8,016	183.83	0.22
22.00	0.08	7,962	183.81	0.22
22.10	0.08	7,909	183.80	0.22
22.20	0.07	7,856	183.78	0.22
22.30	0.07	7,803	183.77	0.22
22.40	0.07	7,750	183.75	0.22
22.50	0.07	7,697	183.74	0.22
22.60	0.07	7,645	183.72	0.22
22.70	0.07	7,592	183.71	0.22
22.80	0.07	7,540	183.69	0.22
22.90	0.07	7,487	183.68	0.22
23.00	0.07	7,435	183.66	0.21
23.10	0.07	7,383	183.65	0.21
23.20	0.07	7,331	183.63	0.21
23.30	0.07	7,279	183.62	0.21
23.40	0.07	7,228	183.60	0.21
23.50	0.07	7,176	183.59	0.21
23.60	0.07	7,125	183.57	0.21
23.70	0.07	7,073	183.56	0.21
23.80	0.06	7,022	183.54	0.21
23.90	0.07	6,971	183.53	0.21
24.00	0.07	6,924	183.52	0.20
24.10	0.00	6,857	183.50	0.20
24.20	0.00	6,784	183.47	0.20
24.30	0.00	6,712	183.45	0.20
24.40	0.00	6,640	183.43	0.20
24.50	0.00	6,569	183.41	0.20
24.60	0.00	6,498	183.39	0.20
24.70	0.00	6,427	183.37	0.19
24.80	0.00	6,357	183.35	0.19
24.90	0.00	6,288	183.33	0.19
25.00	0.00	6,219	183.31	0.19
25.10	0.00	6,151	183.28	0.19
25.20	0.00	6,083	183.26	0.19
25.30	0.00	6,016	183.24	0.19
25.40	0.00	5,950	183.22	0.18
25.50	0.00	5,883	183.20	0.18
25.60	0.00	5,818	183.18	0.18
25.70	0.00	5,753	183.16	0.18
25.80	0.00	5,688	183.14	0.18
25.90	0.00	5,624	183.12	0.18

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	5,561	183.10	0.18
26.10	0.00	5,498	183.08	0.17
26.20	0.00	5,436	183.06	0.17
26.30	0.00	5,374	183.04	0.17
26.40	0.00	5,313	183.02	0.17
26.50	0.00	5,252	183.00	0.17
26.60	0.00	5,192	182.98	0.17
26.70	0.00	5,133	182.96	0.16
26.80	0.00	5,074	182.95	0.16
26.90	0.00	5,015	182.93	0.16
27.00	0.00	4,958	182.91	0.16
27.10	0.00	4,900	182.89	0.16
27.20	0.00	4,844	182.87	0.16
27.30	0.00	4,788	182.85	0.16
27.40	0.00	4,732	182.83	0.15
27.50	0.00	4,677	182.82	0.15
27.60	0.00	4,623	182.80	0.15
27.70	0.00	4,569	182.78	0.15
27.80	0.00	4,516	182.76	0.15
27.90	0.00	4,463	182.74	0.15
28.00	0.00	4,411	182.73	0.14
28.10	0.00	4,360	182.71	0.14
28.20	0.00	4,309	182.69	0.14
28.30	0.00	4,259	182.68	0.14
28.40	0.00	4,209	182.66	0.14
28.50	0.00	4,160	182.64	0.14
28.60	0.00	4,111	182.63	0.13
28.70	0.00	4,063	182.61	0.13
28.80	0.00	4,016	182.59	0.13
28.90	0.00	3,969	182.58	0.13
29.00	0.00	3,923	182.56	0.13
29.10	0.00	3,878	182.55	0.13
29.20	0.00	3,833	182.53	0.12
29.30	0.00	3,789	182.51	0.12
29.40	0.00	3,745	182.50	0.12
29.50	0.00	3,702	182.48	0.12
29.60	0.00	3,659	182.47	0.12
29.70	0.00	3,618	182.45	0.12
29.80	0.00	3,576	182.44	0.11
29.90	0.00	3,536	182.43	0.11
30.00	0.00	3,496	182.41	0.11
30.10	0.00	3,456	182.40	0.11
30.20	0.00	3,418	182.38	0.11
30.30	0.00	3,379	182.37	0.11
30.40	0.00	3,342	182.36	0.10
30.50	0.00	3,305	182.34	0.10
30.60	0.00	3,269	182.33	0.10
30.70	0.00	3,233	182.32	0.10
30.80	0.00	3,198	182.31	0.10
30.90	0.00	3,164	182.29	0.09
31.00	0.00	3,130	182.28	0.09
31.10	0.00	3,097	182.27	0.09

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,064	182.26	0.09
31.30	0.00	3,033	182.24	0.09
31.40	0.00	3,001	182.23	0.09
31.50	0.00	2,971	182.22	0.08
31.60	0.00	2,941	182.21	0.08
31.70	0.00	2,912	182.20	0.08
31.80	0.00	2,883	182.19	0.08
31.90	0.00	2,855	182.18	0.08
32.00	0.00	2,828	182.17	0.07
32.10	0.00	2,801	182.16	0.07
32.20	0.00	2,775	182.15	0.07
32.30	0.00	2,750	182.14	0.07
32.40	0.00	2,725	182.13	0.07
32.50	0.00	2,701	182.12	0.06
32.60	0.00	2,679	182.11	0.06
32.70	0.00	2,657	182.11	0.06
32.80	0.00	2,636	182.10	0.06
32.90	0.00	2,615	182.09	0.06
33.00	0.00	2,596	182.08	0.05
33.10	0.00	2,577	182.08	0.05
33.20	0.00	2,560	182.07	0.05
33.30	0.00	2,544	182.06	0.04
33.40	0.00	2,530	182.06	0.04
33.50	0.00	2,517	182.05	0.03
33.60	0.00	2,506	182.05	0.03
33.70	0.00	2,495	182.04	0.03
33.80	0.00	2,485	182.04	0.03
33.90	0.00	2,476	182.04	0.02
34.00	0.00	2,468	182.03	0.02
34.10	0.00	2,460	182.03	0.02
34.20	0.00	2,454	182.03	0.02
34.30	0.00	2,447	182.03	0.02
34.40	0.00	2,442	182.02	0.01
34.50	0.00	2,437	182.02	0.01
34.60	0.00	2,432	182.02	0.01
34.70	0.00	2,428	182.02	0.01
34.80	0.00	2,424	182.02	0.01
34.90	0.00	2,420	182.02	0.01
35.00	0.00	2,416	182.01	0.01
35.10	0.00	2,412	182.01	0.01
35.20	0.00	2,409	182.01	0.01
35.30	0.00	2,406	182.01	0.01
35.40	0.00	2,403	182.01	0.01
35.50	0.00	2,400	182.01	0.01
35.60	0.00	2,397	182.01	0.01
35.70	0.00	2,394	182.01	0.01
35.80	0.00	2,392	182.01	0.01
35.90	0.00	2,389	182.00	0.01
36.00	0.00	2,387	182.00	0.01
36.10	0.00	2,385	182.00	0.01
36.20	0.00	2,383	182.00	0.01
36.30	0.00	2,381	182.00	0.01

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,379	182.00	0.01
36.50	0.00	2,377	182.00	0.00
36.60	0.00	2,375	182.00	0.00
36.70	0.00	2,373	182.00	0.00
36.80	0.00	2,372	182.00	0.00
36.90	0.00	2,370	182.00	0.00
37.00	0.00	2,368	182.00	0.00
37.10	0.00	2,367	182.00	0.00
37.20	0.00	2,365	182.00	0.00
37.30	0.00	2,364	181.99	0.00
37.40	0.00	2,362	181.99	0.00
37.50	0.00	2,361	181.99	0.00
37.60	0.00	2,359	181.99	0.00
37.70	0.00	2,358	181.99	0.00
37.80	0.00	2,356	181.99	0.00
37.90	0.00	2,355	181.99	0.00
38.00	0.00	2,353	181.99	0.00
38.10	0.00	2,352	181.99	0.00
38.20	0.00	2,351	181.99	0.00
38.30	0.00	2,349	181.99	0.00
38.40	0.00	2,348	181.99	0.00
38.50	0.00	2,347	181.99	0.00
38.60	0.00	2,346	181.99	0.00
38.70	0.00	2,344	181.99	0.00
38.80	0.00	2,343	181.99	0.00
38.90	0.00	2,342	181.99	0.00
39.00	0.00	2,341	181.99	0.00
39.10	0.00	2,340	181.99	0.00
39.20	0.00	2,338	181.98	0.00
39.30	0.00	2,337	181.98	0.00
39.40	0.00	2,336	181.98	0.00
39.50	0.00	2,335	181.98	0.00
39.60	0.00	2,334	181.98	0.00
39.70	0.00	2,333	181.98	0.00
39.80	0.00	2,332	181.98	0.00
39.90	0.00	2,331	181.98	0.00
40.00	0.00	2,330	181.98	0.00

Stage-Discharge for Pond B-42: Basin #42

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.00	0.00	181.52	0.00	182.04	0.02	182.56	0.13
181.01	0.00	181.53	0.00	182.05	0.03	182.57	0.13
181.02	0.00	181.54	0.00	182.06	0.04	182.58	0.13
181.03	0.00	181.55	0.00	182.07	0.04	182.59	0.13
181.04	0.00	181.56	0.00	182.08	0.05	182.60	0.13
181.05	0.00	181.57	0.00	182.09	0.06	182.61	0.13
181.06	0.00	181.58	0.00	182.10	0.06	182.62	0.13
181.07	0.00	181.59	0.00	182.11	0.06	182.63	0.13
181.08	0.00	181.60	0.00	182.12	0.07	182.64	0.14
181.09	0.00	181.61	0.00	182.13	0.07	182.65	0.14
181.10	0.00	181.62	0.00	182.14	0.07	182.66	0.14
181.11	0.00	181.63	0.00	182.15	0.07	182.67	0.14
181.12	0.00	181.64	0.00	182.16	0.07	182.68	0.14
181.13	0.00	181.65	0.00	182.17	0.08	182.69	0.14
181.14	0.00	181.66	0.00	182.18	0.08	182.70	0.14
181.15	0.00	181.67	0.00	182.19	0.08	182.71	0.14
181.16	0.00	181.68	0.00	182.20	0.08	182.72	0.14
181.17	0.00	181.69	0.00	182.21	0.08	182.73	0.14
181.18	0.00	181.70	0.00	182.22	0.08	182.74	0.14
181.19	0.00	181.71	0.00	182.23	0.09	182.75	0.15
181.20	0.00	181.72	0.00	182.24	0.09	182.76	0.15
181.21	0.00	181.73	0.00	182.25	0.09	182.77	0.15
181.22	0.00	181.74	0.00	182.26	0.09	182.78	0.15
181.23	0.00	181.75	0.00	182.27	0.09	182.79	0.15
181.24	0.00	181.76	0.00	182.28	0.09	182.80	0.15
181.25	0.00	181.77	0.00	182.29	0.09	182.81	0.15
181.26	0.00	181.78	0.00	182.30	0.10	182.82	0.15
181.27	0.00	181.79	0.00	182.31	0.10	182.83	0.15
181.28	0.00	181.80	0.00	182.32	0.10	182.84	0.15
181.29	0.00	181.81	0.00	182.33	0.10	182.85	0.15
181.30	0.00	181.82	0.00	182.34	0.10	182.86	0.16
181.31	0.00	181.83	0.00	182.35	0.10	182.87	0.16
181.32	0.00	181.84	0.00	182.36	0.10	182.88	0.16
181.33	0.00	181.85	0.00	182.37	0.11	182.89	0.16
181.34	0.00	181.86	0.00	182.38	0.11	182.90	0.16
181.35	0.00	181.87	0.00	182.39	0.11	182.91	0.16
181.36	0.00	181.88	0.00	182.40	0.11	182.92	0.16
181.37	0.00	181.89	0.00	182.41	0.11	182.93	0.16
181.38	0.00	181.90	0.00	182.42	0.11	182.94	0.16
181.39	0.00	181.91	0.00	182.43	0.11	182.95	0.16
181.40	0.00	181.92	0.00	182.44	0.11	182.96	0.16
181.41	0.00	181.93	0.00	182.45	0.11	182.97	0.16
181.42	0.00	181.94	0.00	182.46	0.12	182.98	0.17
181.43	0.00	181.95	0.00	182.47	0.12	182.99	0.17
181.44	0.00	181.96	0.00	182.48	0.12	183.00	0.17
181.45	0.00	181.97	0.00	182.49	0.12	183.01	0.17
181.46	0.00	181.98	0.00	182.50	0.12	183.02	0.17
181.47	0.00	181.99	0.00	182.51	0.12	183.03	0.17
181.48	0.00	182.00	0.00	182.52	0.12	183.04	0.17
181.49	0.00	182.01	0.01	182.53	0.12	183.05	0.17
181.50	0.00	182.02	0.01	182.54	0.13	183.06	0.17
181.51	0.00	182.03	0.02	182.55	0.13	183.07	0.17

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.08	0.17	183.60	0.21	184.12	0.24	184.64	0.27
183.09	0.17	183.61	0.21	184.13	0.24	184.65	0.27
183.10	0.18	183.62	0.21	184.14	0.24	184.66	0.27
183.11	0.18	183.63	0.21	184.15	0.24	184.67	0.27
183.12	0.18	183.64	0.21	184.16	0.24	184.68	0.27
183.13	0.18	183.65	0.21	184.17	0.24	184.69	0.27
183.14	0.18	183.66	0.21	184.18	0.24	184.70	0.27
183.15	0.18	183.67	0.21	184.19	0.25	184.71	0.27
183.16	0.18	183.68	0.22	184.20	0.25	184.72	0.27
183.17	0.18	183.69	0.22	184.21	0.25	184.73	0.27
183.18	0.18	183.70	0.22	184.22	0.25	184.74	0.27
183.19	0.18	183.71	0.22	184.23	0.25	184.75	0.27
183.20	0.18	183.72	0.22	184.24	0.25	184.76	0.27
183.21	0.18	183.73	0.22	184.25	0.25	184.77	0.28
183.22	0.18	183.74	0.22	184.26	0.25	184.78	0.28
183.23	0.18	183.75	0.22	184.27	0.25	184.79	0.28
183.24	0.19	183.76	0.22	184.28	0.25	184.80	0.28
183.25	0.19	183.77	0.22	184.29	0.25	184.81	0.28
183.26	0.19	183.78	0.22	184.30	0.25	184.82	0.28
183.27	0.19	183.79	0.22	184.31	0.25	184.83	0.28
183.28	0.19	183.80	0.22	184.32	0.25	184.84	0.28
183.29	0.19	183.81	0.22	184.33	0.25	184.85	0.28
183.30	0.19	183.82	0.22	184.34	0.25	184.86	0.28
183.31	0.19	183.83	0.22	184.35	0.25	184.87	0.28
183.32	0.19	183.84	0.23	184.36	0.25	184.88	0.28
183.33	0.19	183.85	0.23	184.37	0.25	184.89	0.28
183.34	0.19	183.86	0.23	184.38	0.26	184.90	0.28
183.35	0.19	183.87	0.23	184.39	0.26	184.91	0.28
183.36	0.19	183.88	0.23	184.40	0.26	184.92	0.28
183.37	0.19	183.89	0.23	184.41	0.26	184.93	0.28
183.38	0.20	183.90	0.23	184.42	0.26	184.94	0.28
183.39	0.20	183.91	0.23	184.43	0.26	184.95	0.28
183.40	0.20	183.92	0.23	184.44	0.26	184.96	0.28
183.41	0.20	183.93	0.23	184.45	0.26	184.97	0.28
183.42	0.20	183.94	0.23	184.46	0.26	184.98	0.29
183.43	0.20	183.95	0.23	184.47	0.26	184.99	0.29
183.44	0.20	183.96	0.23	184.48	0.26	185.00	0.29
183.45	0.20	183.97	0.23	184.49	0.26	185.01	0.29
183.46	0.20	183.98	0.23	184.50	0.26	185.02	0.29
183.47	0.20	183.99	0.23	184.51	0.26	185.03	0.29
183.48	0.20	184.00	0.23	184.52	0.26	185.04	0.29
183.49	0.20	184.01	0.24	184.53	0.26	185.05	0.29
183.50	0.20	184.02	0.24	184.54	0.26	185.06	0.29
183.51	0.20	184.03	0.24	184.55	0.26	185.07	0.29
183.52	0.21	184.04	0.24	184.56	0.26	185.08	0.29
183.53	0.21	184.05	0.24	184.57	0.27	185.09	0.29
183.54	0.21	184.06	0.24	184.58	0.27	185.10	0.29
183.55	0.21	184.07	0.24	184.59	0.27	185.11	0.29
183.56	0.21	184.08	0.24	184.60	0.27	185.12	0.29
183.57	0.21	184.09	0.24	184.61	0.27	185.13	0.29
183.58	0.21	184.10	0.24	184.62	0.27	185.14	0.29
183.59	0.21	184.11	0.24	184.63	0.27	185.15	0.29

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.16	0.29	185.68	0.32	186.20	1.50	186.72	20.35
185.17	0.29	185.69	0.32	186.21	1.58	186.73	21.40
185.18	0.29	185.70	0.32	186.22	1.67	186.74	22.48
185.19	0.29	185.71	0.32	186.23	1.77	186.75	23.59
185.20	0.30	185.72	0.32	186.24	1.86	186.76	24.72
185.21	0.30	185.73	0.32	186.25	1.95	186.77	25.88
185.22	0.30	185.74	0.32	186.26	2.05	186.78	27.07
185.23	0.30	185.75	0.32	186.27	2.15	186.79	28.28
185.24	0.30	185.76	0.32	186.28	2.25	186.80	29.51
185.25	0.30	185.77	0.32	186.29	2.35	186.81	30.78
185.26	0.30	185.78	0.32	186.30	2.46	186.82	32.06
185.27	0.30	185.79	0.32	186.31	2.56	186.83	33.37
185.28	0.30	185.80	0.32	186.32	2.67	186.84	34.71
185.29	0.30	185.81	0.32	186.33	2.78	186.85	36.07
185.30	0.30	185.82	0.32	186.34	2.89	186.86	37.46
185.31	0.30	185.83	0.32	186.35	3.00	186.87	38.87
185.32	0.30	185.84	0.32	186.36	3.12	186.88	40.31
185.33	0.30	185.85	0.32	186.37	3.23	186.89	41.77
185.34	0.30	185.86	0.32	186.38	3.35	186.90	43.26
185.35	0.30	185.87	0.32	186.39	3.47	186.91	44.80
185.36	0.30	185.88	0.32	186.40	3.59	186.92	46.36
185.37	0.30	185.89	0.33	186.41	3.71	186.93	47.96
185.38	0.30	185.90	0.33	186.42	3.83	186.94	49.58
185.39	0.30	185.91	0.33	186.43	3.96	186.95	51.22
185.40	0.30	185.92	0.33	186.44	4.08	186.96	52.90
185.41	0.30	185.93	0.33	186.45	4.21	186.97	54.60
185.42	0.31	185.94	0.33	186.46	4.34	186.98	56.32
185.43	0.31	185.95	0.33	186.47	4.46	186.99	58.08
185.44	0.31	185.96	0.33	186.48	4.59	187.00	59.86
185.45	0.31	185.97	0.33	186.49	4.73		
185.46	0.31	185.98	0.33	186.50	4.86		
185.47	0.31	185.99	0.33	186.51	5.11		
185.48	0.31	186.00	0.33	186.52	5.46		
185.49	0.31	186.01	0.34	186.53	5.87		
185.50	0.31	186.02	0.37	186.54	6.34		
185.51	0.31	186.03	0.40	186.55	6.85		
185.52	0.31	186.04	0.44	186.56	7.40		
185.53	0.31	186.05	0.48	186.57	7.99		
185.54	0.31	186.06	0.52	186.58	8.62		
185.55	0.31	186.07	0.57	186.59	9.28		
185.56	0.31	186.08	0.63	186.60	9.97		
185.57	0.31	186.09	0.69	186.61	10.69		
185.58	0.31	186.10	0.75	186.62	11.43		
185.59	0.31	186.11	0.81	186.63	12.21		
185.60	0.31	186.12	0.88	186.64	13.01		
185.61	0.31	186.13	0.94	186.65	13.83		
185.62	0.31	186.14	1.02	186.66	14.68		
185.63	0.31	186.15	1.09	186.67	15.56		
185.64	0.31	186.16	1.17	186.68	16.45		
185.65	0.32	186.17	1.25	186.69	17.37		
185.66	0.32	186.18	1.33	186.70	18.31		
185.67	0.32	186.19	1.41	186.71	19.32		

Stage-Area-Storage for Pond B-42: Basin #42

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.00	2,142	0	181.52	2,387	1,178
181.01	2,147	21	181.53	2,392	1,201
181.02	2,151	43	181.54	2,396	1,225
181.03	2,156	64	181.55	2,401	1,249
181.04	2,161	86	181.56	2,406	1,273
181.05	2,166	108	181.57	2,410	1,297
181.06	2,170	129	181.58	2,415	1,322
181.07	2,175	151	181.59	2,420	1,346
181.08	2,180	173	181.60	2,425	1,370
181.09	2,184	195	181.61	2,429	1,394
181.10	2,189	217	181.62	2,434	1,419
181.11	2,194	238	181.63	2,439	1,443
181.12	2,199	260	181.64	2,443	1,467
181.13	2,203	282	181.65	2,448	1,492
181.14	2,208	304	181.66	2,453	1,516
181.15	2,213	327	181.67	2,458	1,541
181.16	2,217	349	181.68	2,462	1,565
181.17	2,222	371	181.69	2,467	1,590
181.18	2,227	393	181.70	2,472	1,615
181.19	2,231	415	181.71	2,476	1,640
181.20	2,236	438	181.72	2,481	1,664
181.21	2,241	460	181.73	2,486	1,689
181.22	2,246	483	181.74	2,491	1,714
181.23	2,250	505	181.75	2,495	1,739
181.24	2,255	528	181.76	2,500	1,764
181.25	2,260	550	181.77	2,505	1,789
181.26	2,264	573	181.78	2,509	1,814
181.27	2,269	596	181.79	2,514	1,839
181.28	2,274	618	181.80	2,519	1,864
181.29	2,279	641	181.81	2,524	1,890
181.30	2,283	664	181.82	2,528	1,915
181.31	2,288	687	181.83	2,533	1,940
181.32	2,293	710	181.84	2,538	1,965
181.33	2,297	733	181.85	2,542	1,991
181.34	2,302	756	181.86	2,547	2,016
181.35	2,307	779	181.87	2,552	2,042
181.36	2,312	802	181.88	2,556	2,067
181.37	2,316	825	181.89	2,561	2,093
181.38	2,321	848	181.90	2,566	2,119
181.39	2,326	871	181.91	2,571	2,144
181.40	2,330	894	181.92	2,575	2,170
181.41	2,335	918	181.93	2,580	2,196
181.42	2,340	941	181.94	2,585	2,222
181.43	2,345	965	181.95	2,589	2,247
181.44	2,349	988	181.96	2,594	2,273
181.45	2,354	1,012	181.97	2,599	2,299
181.46	2,359	1,035	181.98	2,604	2,325
181.47	2,363	1,059	181.99	2,608	2,351
181.48	2,368	1,082	182.00	2,613	2,378
181.49	2,373	1,106	182.01	2,618	2,404
181.50	2,378	1,130	182.02	2,623	2,430
181.51	2,382	1,154	182.03	2,628	2,456

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.04	2,633	2,482	182.56	2,896	3,920
182.05	2,638	2,509	182.57	2,901	3,949
182.06	2,643	2,535	182.58	2,906	3,978
182.07	2,648	2,562	182.59	2,911	4,007
182.08	2,653	2,588	182.60	2,916	4,036
182.09	2,658	2,615	182.61	2,921	4,065
182.10	2,663	2,641	182.62	2,926	4,095
182.11	2,669	2,668	182.63	2,931	4,124
182.12	2,674	2,695	182.64	2,936	4,153
182.13	2,679	2,721	182.65	2,941	4,183
182.14	2,684	2,748	182.66	2,946	4,212
182.15	2,689	2,775	182.67	2,951	4,242
182.16	2,694	2,802	182.68	2,956	4,271
182.17	2,699	2,829	182.69	2,961	4,301
182.18	2,704	2,856	182.70	2,966	4,330
182.19	2,709	2,883	182.71	2,972	4,360
182.20	2,714	2,910	182.72	2,977	4,390
182.21	2,719	2,937	182.73	2,982	4,420
182.22	2,724	2,965	182.74	2,987	4,449
182.23	2,729	2,992	182.75	2,992	4,479
182.24	2,734	3,019	182.76	2,997	4,509
182.25	2,739	3,047	182.77	3,002	4,539
182.26	2,744	3,074	182.78	3,007	4,569
182.27	2,749	3,101	182.79	3,012	4,599
182.28	2,754	3,129	182.80	3,017	4,630
182.29	2,759	3,157	182.81	3,022	4,660
182.30	2,765	3,184	182.82	3,027	4,690
182.31	2,770	3,212	182.83	3,032	4,720
182.32	2,775	3,240	182.84	3,037	4,751
182.33	2,780	3,267	182.85	3,042	4,781
182.34	2,785	3,295	182.86	3,047	4,811
182.35	2,790	3,323	182.87	3,052	4,842
182.36	2,795	3,351	182.88	3,057	4,872
182.37	2,800	3,379	182.89	3,062	4,903
182.38	2,805	3,407	182.90	3,068	4,934
182.39	2,810	3,435	182.91	3,073	4,964
182.40	2,815	3,463	182.92	3,078	4,995
182.41	2,820	3,491	182.93	3,083	5,026
182.42	2,825	3,520	182.94	3,088	5,057
182.43	2,830	3,548	182.95	3,093	5,088
182.44	2,835	3,576	182.96	3,098	5,119
182.45	2,840	3,604	182.97	3,103	5,150
182.46	2,845	3,633	182.98	3,108	5,181
182.47	2,850	3,661	182.99	3,113	5,212
182.48	2,855	3,690	183.00	3,118	5,243
182.49	2,860	3,718	183.01	3,123	5,274
182.50	2,866	3,747	183.02	3,129	5,305
182.51	2,871	3,776	183.03	3,134	5,337
182.52	2,876	3,805	183.04	3,140	5,368
182.53	2,881	3,833	183.05	3,145	5,400
182.54	2,886	3,862	183.06	3,150	5,431
182.55	2,891	3,891	183.07	3,156	5,463

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.08	3,161	5,494	183.60	3,441	7,211
183.09	3,166	5,526	183.61	3,446	7,245
183.10	3,172	5,557	183.62	3,452	7,280
183.11	3,177	5,589	183.63	3,457	7,314
183.12	3,183	5,621	183.64	3,462	7,349
183.13	3,188	5,653	183.65	3,468	7,383
183.14	3,193	5,685	183.66	3,473	7,418
183.15	3,199	5,717	183.67	3,478	7,453
183.16	3,204	5,749	183.68	3,484	7,488
183.17	3,209	5,781	183.69	3,489	7,522
183.18	3,215	5,813	183.70	3,495	7,557
183.19	3,220	5,845	183.71	3,500	7,592
183.20	3,226	5,877	183.72	3,505	7,627
183.21	3,231	5,910	183.73	3,511	7,662
183.22	3,236	5,942	183.74	3,516	7,698
183.23	3,242	5,974	183.75	3,522	7,733
183.24	3,247	6,007	183.76	3,527	7,768
183.25	3,253	6,039	183.77	3,532	7,803
183.26	3,258	6,072	183.78	3,538	7,839
183.27	3,263	6,104	183.79	3,543	7,874
183.28	3,269	6,137	183.80	3,548	7,910
183.29	3,274	6,170	183.81	3,554	7,945
183.30	3,279	6,203	183.82	3,559	7,981
183.31	3,285	6,235	183.83	3,565	8,016
183.32	3,290	6,268	183.84	3,570	8,052
183.33	3,296	6,301	183.85	3,575	8,088
183.34	3,301	6,334	183.86	3,581	8,123
183.35	3,306	6,367	183.87	3,586	8,159
183.36	3,312	6,400	183.88	3,591	8,195
183.37	3,317	6,433	183.89	3,597	8,231
183.38	3,322	6,467	183.90	3,602	8,267
183.39	3,328	6,500	183.91	3,608	8,303
183.40	3,333	6,533	183.92	3,613	8,339
183.41	3,339	6,567	183.93	3,618	8,375
183.42	3,344	6,600	183.94	3,624	8,412
183.43	3,349	6,633	183.95	3,629	8,448
183.44	3,355	6,667	183.96	3,634	8,484
183.45	3,360	6,701	183.97	3,640	8,521
183.46	3,365	6,734	183.98	3,645	8,557
183.47	3,371	6,768	183.99	3,651	8,593
183.48	3,376	6,802	184.00	3,656	8,630
183.49	3,382	6,835	184.01	3,662	8,667
183.50	3,387	6,869	184.02	3,667	8,703
183.51	3,392	6,903	184.03	3,673	8,740
183.52	3,398	6,937	184.04	3,679	8,777
183.53	3,403	6,971	184.05	3,685	8,814
183.54	3,409	7,005	184.06	3,690	8,850
183.55	3,414	7,039	184.07	3,696	8,887
183.56	3,419	7,073	184.08	3,702	8,924
183.57	3,425	7,108	184.09	3,707	8,961
183.58	3,430	7,142	184.10	3,713	8,998
183.59	3,435	7,176	184.11	3,719	9,036

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.12	3,725	9,073	184.64	4,021	11,087
184.13	3,730	9,110	184.65	4,027	11,127
184.14	3,736	9,147	184.66	4,033	11,167
184.15	3,742	9,185	184.67	4,039	11,208
184.16	3,747	9,222	184.68	4,044	11,248
184.17	3,753	9,260	184.69	4,050	11,289
184.18	3,759	9,297	184.70	4,056	11,329
184.19	3,764	9,335	184.71	4,061	11,370
184.20	3,770	9,373	184.72	4,067	11,410
184.21	3,776	9,410	184.73	4,073	11,451
184.22	3,782	9,448	184.74	4,079	11,492
184.23	3,787	9,486	184.75	4,084	11,533
184.24	3,793	9,524	184.76	4,090	11,573
184.25	3,799	9,562	184.77	4,096	11,614
184.26	3,804	9,600	184.78	4,101	11,655
184.27	3,810	9,638	184.79	4,107	11,696
184.28	3,816	9,676	184.80	4,113	11,738
184.29	3,822	9,714	184.81	4,119	11,779
184.30	3,827	9,752	184.82	4,124	11,820
184.31	3,833	9,791	184.83	4,130	11,861
184.32	3,839	9,829	184.84	4,136	11,902
184.33	3,844	9,868	184.85	4,141	11,944
184.34	3,850	9,906	184.86	4,147	11,985
184.35	3,856	9,945	184.87	4,153	12,027
184.36	3,862	9,983	184.88	4,158	12,068
184.37	3,867	10,022	184.89	4,164	12,110
184.38	3,873	10,061	184.90	4,170	12,152
184.39	3,879	10,099	184.91	4,176	12,193
184.40	3,884	10,138	184.92	4,181	12,235
184.41	3,890	10,177	184.93	4,187	12,277
184.42	3,896	10,216	184.94	4,193	12,319
184.43	3,902	10,255	184.95	4,198	12,361
184.44	3,907	10,294	184.96	4,204	12,403
184.45	3,913	10,333	184.97	4,210	12,445
184.46	3,919	10,372	184.98	4,216	12,487
184.47	3,924	10,411	184.99	4,221	12,529
184.48	3,930	10,451	185.00	4,227	12,572
184.49	3,936	10,490	185.01	4,233	12,614
184.50	3,942	10,529	185.02	4,239	12,656
184.51	3,947	10,569	185.03	4,245	12,699
184.52	3,953	10,608	185.04	4,251	12,741
184.53	3,959	10,648	185.05	4,257	12,784
184.54	3,964	10,687	185.06	4,263	12,826
184.55	3,970	10,727	185.07	4,269	12,869
184.56	3,976	10,767	185.08	4,275	12,912
184.57	3,981	10,807	185.09	4,281	12,954
184.58	3,987	10,847	185.10	4,287	12,997
184.59	3,993	10,886	185.11	4,293	13,040
184.60	3,999	10,926	185.12	4,299	13,083
184.61	4,004	10,966	185.13	4,306	13,126
184.62	4,010	11,006	185.14	4,312	13,169
184.63	4,016	11,047	185.15	4,318	13,212

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.16	4,324	13,256	185.68	4,638	15,586
185.17	4,330	13,299	185.69	4,644	15,632
185.18	4,336	13,342	185.70	4,650	15,678
185.19	4,342	13,386	185.71	4,656	15,725
185.20	4,348	13,429	185.72	4,662	15,771
185.21	4,354	13,472	185.73	4,668	15,818
185.22	4,360	13,516	185.74	4,674	15,865
185.23	4,366	13,560	185.75	4,680	15,912
185.24	4,372	13,603	185.76	4,686	15,958
185.25	4,378	13,647	185.77	4,692	16,005
185.26	4,384	13,691	185.78	4,698	16,052
185.27	4,390	13,735	185.79	4,704	16,099
185.28	4,396	13,779	185.80	4,710	16,146
185.29	4,402	13,823	185.81	4,716	16,194
185.30	4,408	13,867	185.82	4,722	16,241
185.31	4,414	13,911	185.83	4,728	16,288
185.32	4,420	13,955	185.84	4,734	16,335
185.33	4,426	13,999	185.85	4,740	16,383
185.34	4,432	14,044	185.86	4,746	16,430
185.35	4,438	14,088	185.87	4,752	16,478
185.36	4,444	14,132	185.88	4,759	16,525
185.37	4,450	14,177	185.89	4,765	16,573
185.38	4,457	14,221	185.90	4,771	16,620
185.39	4,463	14,266	185.91	4,777	16,668
185.40	4,469	14,311	185.92	4,783	16,716
185.41	4,475	14,355	185.93	4,789	16,764
185.42	4,481	14,400	185.94	4,795	16,812
185.43	4,487	14,445	185.95	4,801	16,860
185.44	4,493	14,490	185.96	4,807	16,908
185.45	4,499	14,535	185.97	4,813	16,956
185.46	4,505	14,580	185.98	4,819	17,004
185.47	4,511	14,625	185.99	4,825	17,052
185.48	4,517	14,670	186.00	4,831	17,101
185.49	4,523	14,715	186.01	4,837	17,149
185.50	4,529	14,761	186.02	4,844	17,197
185.51	4,535	14,806	186.03	4,850	17,246
185.52	4,541	14,851	186.04	4,856	17,294
185.53	4,547	14,897	186.05	4,863	17,343
185.54	4,553	14,942	186.06	4,869	17,392
185.55	4,559	14,988	186.07	4,876	17,440
185.56	4,565	15,033	186.08	4,882	17,489
185.57	4,571	15,079	186.09	4,888	17,538
185.58	4,577	15,125	186.10	4,895	17,587
185.59	4,583	15,171	186.11	4,901	17,636
185.60	4,589	15,216	186.12	4,907	17,685
185.61	4,595	15,262	186.13	4,914	17,734
185.62	4,601	15,308	186.14	4,920	17,783
185.63	4,608	15,354	186.15	4,927	17,832
185.64	4,614	15,400	186.16	4,933	17,882
185.65	4,620	15,447	186.17	4,939	17,931
185.66	4,626	15,493	186.18	4,946	17,980
185.67	4,632	15,539	186.19	4,952	18,030

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.20	4,958	18,079	186.72	5,290	20,744
186.21	4,965	18,129	186.73	5,296	20,797
186.22	4,971	18,179	186.74	5,302	20,850
186.23	4,978	18,228	186.75	5,309	20,903
186.24	4,984	18,278	186.76	5,315	20,956
186.25	4,990	18,328	186.77	5,321	21,009
186.26	4,997	18,378	186.78	5,328	21,062
186.27	5,003	18,428	186.79	5,334	21,116
186.28	5,009	18,478	186.80	5,341	21,169
186.29	5,016	18,528	186.81	5,347	21,223
186.30	5,022	18,578	186.82	5,353	21,276
186.31	5,028	18,629	186.83	5,360	21,330
186.32	5,035	18,679	186.84	5,366	21,383
186.33	5,041	18,729	186.85	5,372	21,437
186.34	5,048	18,780	186.86	5,379	21,491
186.35	5,054	18,830	186.87	5,385	21,545
186.36	5,060	18,881	186.88	5,392	21,598
186.37	5,067	18,932	186.89	5,398	21,652
186.38	5,073	18,982	186.90	5,404	21,706
186.39	5,079	19,033	186.91	5,411	21,760
186.40	5,086	19,084	186.92	5,417	21,815
186.41	5,092	19,135	186.93	5,423	21,869
186.42	5,099	19,186	186.94	5,430	21,923
186.43	5,105	19,237	186.95	5,436	21,977
186.44	5,111	19,288	186.96	5,443	22,032
186.45	5,118	19,339	186.97	5,449	22,086
186.46	5,124	19,390	186.98	5,455	22,141
186.47	5,130	19,441	186.99	5,462	22,195
186.48	5,137	19,493	187.00	5,468	22,250
186.49	5,143	19,544			
186.50	5,150	19,596			
186.51	5,156	19,647			
186.52	5,162	19,699			
186.53	5,169	19,750			
186.54	5,175	19,802			
186.55	5,181	19,854			
186.56	5,188	19,906			
186.57	5,194	19,958			
186.58	5,200	20,010			
186.59	5,207	20,062			
186.60	5,213	20,114			
186.61	5,220	20,166			
186.62	5,226	20,218			
186.63	5,232	20,270			
186.64	5,239	20,323			
186.65	5,245	20,375			
186.66	5,251	20,428			
186.67	5,258	20,480			
186.68	5,264	20,533			
186.69	5,271	20,586			
186.70	5,277	20,638			
186.71	5,283	20,691			

Summary for Pond B-43: Basin #43

Inflow Area = 2.712 ac, 33.89% Impervious, Inflow Depth = 6.30" for Current 100 yr event
 Inflow = 15.72 cfs @ 12.09 hrs, Volume= 1.423 af
 Outflow = 11.99 cfs @ 12.23 hrs, Volume= 1.282 af, Atten= 24%, Lag= 8.3 min
 Primary = 11.99 cfs @ 12.23 hrs, Volume= 1.282 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 179.86' @ 12.23 hrs Surf.Area= 7,055 sf Storage= 20,189 cf

Plug-Flow detention time= 253.8 min calculated for 1.282 af (90% of inflow)
 Center-of-Mass det. time= 202.4 min (987.4 - 785.0)

Volume	Invert	Avail.Storage	Storage Description
#1	177.00'	28,220 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

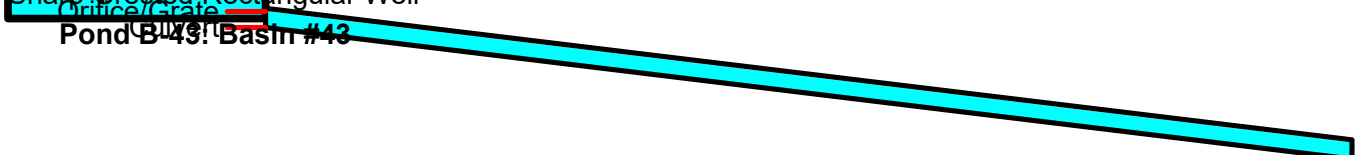
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
177.00	7,055	0	0
178.00	7,055	7,055	7,055
179.00	7,055	7,055	14,110
180.00	7,055	7,055	21,165
181.00	7,055	7,055	28,220

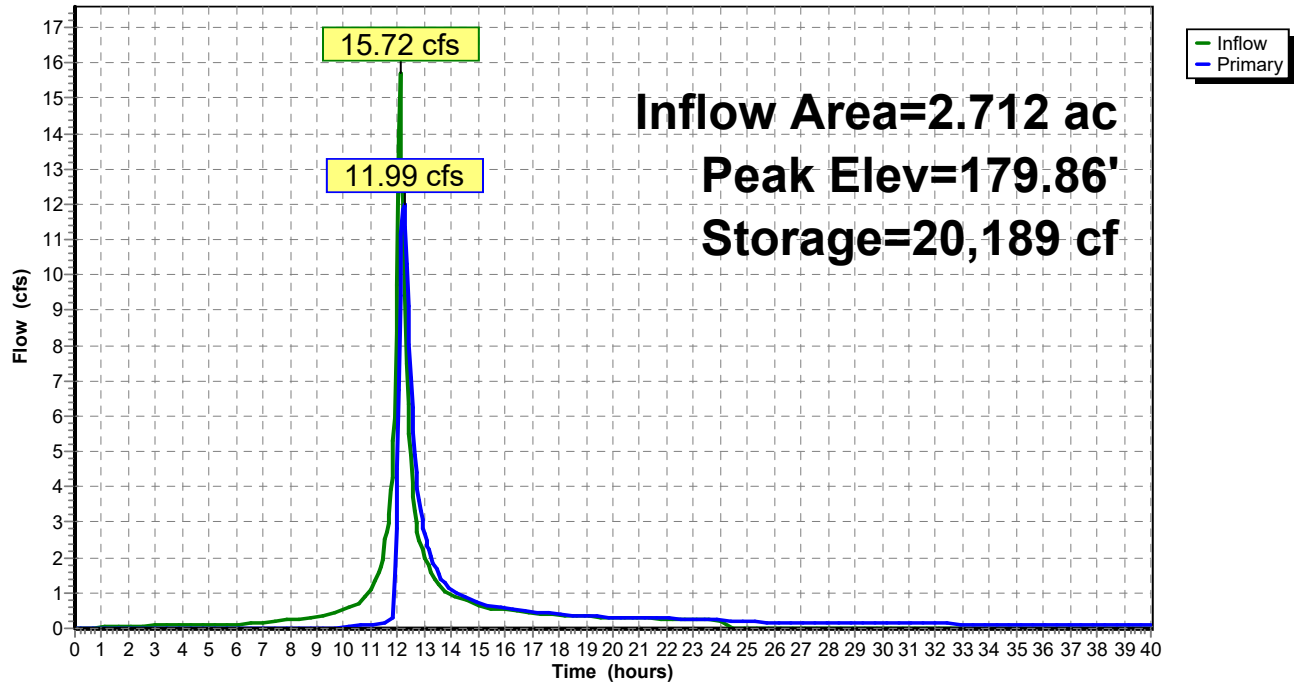
Device	Routing	Invert	Outlet Devices
#1	Primary	176.30'	18.0" Round Culvert L= 200.0' Ke= 0.500 Inlet / Outlet Invert= 176.30' / 166.10' S= 0.0510 ' / ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	177.56'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.90'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.50'	50.0' long + 3.0 ' / ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=11.91 cfs @ 12.23 hrs HW=179.86' (Free Discharge)

- 1=Culvert (Passes 11.91 cfs of 14.26 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.13 fps)
- 3=Sharp-Crested Rectangular Weir (Weir Controls 11.66 cfs @ 3.20 fps)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
Sharp-Crested Rectangular Weir
Pond B-43: Basin #43



Pond B-43: Basin #43**Hydrograph**

Hydrograph for Pond B-43: Basin #43

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	177.00	0.00
0.10	0.00	0	177.00	0.00
0.20	0.00	0	177.00	0.00
0.30	0.00	0	177.00	0.00
0.40	0.00	0	177.00	0.00
0.50	0.00	0	177.00	0.00
0.60	0.01	2	177.00	0.00
0.70	0.02	7	177.00	0.00
0.80	0.02	13	177.00	0.00
0.90	0.03	21	177.00	0.00
1.00	0.03	32	177.00	0.00
1.10	0.03	43	177.01	0.00
1.20	0.04	57	177.01	0.00
1.30	0.04	71	177.01	0.00
1.40	0.05	87	177.01	0.00
1.50	0.05	104	177.01	0.00
1.60	0.05	123	177.02	0.00
1.70	0.05	142	177.02	0.00
1.80	0.06	162	177.02	0.00
1.90	0.06	184	177.03	0.00
2.00	0.06	206	177.03	0.00
2.10	0.07	229	177.03	0.00
2.20	0.07	253	177.04	0.00
2.30	0.07	277	177.04	0.00
2.40	0.07	303	177.04	0.00
2.50	0.07	329	177.05	0.00
2.60	0.08	356	177.05	0.00
2.70	0.08	383	177.05	0.00
2.80	0.08	411	177.06	0.00
2.90	0.08	440	177.06	0.00
3.00	0.08	470	177.07	0.00
3.10	0.08	499	177.07	0.00
3.20	0.09	530	177.08	0.00
3.30	0.09	561	177.08	0.00
3.40	0.09	592	177.08	0.00
3.50	0.09	625	177.09	0.00
3.60	0.09	657	177.09	0.00
3.70	0.09	690	177.10	0.00
3.80	0.09	724	177.10	0.00
3.90	0.10	758	177.11	0.00
4.00	0.10	792	177.11	0.00
4.10	0.10	827	177.12	0.00
4.20	0.10	863	177.12	0.00
4.30	0.10	899	177.13	0.00
4.40	0.10	935	177.13	0.00
4.50	0.10	972	177.14	0.00
4.60	0.10	1,009	177.14	0.00
4.70	0.10	1,046	177.15	0.00
4.80	0.11	1,084	177.15	0.00
4.90	0.11	1,123	177.16	0.00
5.00	0.11	1,161	177.16	0.00
5.10	0.11	1,201	177.17	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,240	177.18	0.00
5.30	0.11	1,280	177.18	0.00
5.40	0.11	1,320	177.19	0.00
5.50	0.11	1,361	177.19	0.00
5.60	0.11	1,402	177.20	0.00
5.70	0.12	1,443	177.20	0.00
5.80	0.12	1,485	177.21	0.00
5.90	0.12	1,527	177.22	0.00
6.00	0.12	1,570	177.22	0.00
6.10	0.12	1,613	177.23	0.00
6.20	0.12	1,657	177.23	0.00
6.30	0.13	1,703	177.24	0.00
6.40	0.13	1,750	177.25	0.00
6.50	0.14	1,798	177.25	0.00
6.60	0.14	1,849	177.26	0.00
6.70	0.15	1,901	177.27	0.00
6.80	0.15	1,955	177.28	0.00
6.90	0.16	2,011	177.29	0.00
7.00	0.17	2,070	177.29	0.00
7.10	0.17	2,131	177.30	0.00
7.20	0.18	2,194	177.31	0.00
7.30	0.18	2,259	177.32	0.00
7.40	0.19	2,327	177.33	0.00
7.50	0.20	2,397	177.34	0.00
7.60	0.20	2,469	177.35	0.00
7.70	0.21	2,544	177.36	0.00
7.80	0.22	2,621	177.37	0.00
7.90	0.23	2,701	177.38	0.00
8.00	0.23	2,783	177.39	0.00
8.10	0.24	2,868	177.41	0.00
8.20	0.25	2,956	177.42	0.00
8.30	0.25	3,047	177.43	0.00
8.40	0.26	3,140	177.45	0.00
8.50	0.27	3,236	177.46	0.00
8.60	0.28	3,335	177.47	0.00
8.70	0.29	3,436	177.49	0.00
8.80	0.29	3,541	177.50	0.00
8.90	0.30	3,648	177.52	0.00
9.00	0.31	3,759	177.53	0.00
9.10	0.33	3,875	177.55	0.00
9.20	0.35	3,997	177.57	0.00
9.30	0.37	4,126	177.58	0.00
9.40	0.39	4,263	177.60	0.00
9.50	0.41	4,407	177.62	0.01
9.60	0.44	4,557	177.65	0.01
9.70	0.46	4,713	177.67	0.02
9.80	0.49	4,876	177.69	0.03
9.90	0.51	5,045	177.72	0.04
10.00	0.54	5,220	177.74	0.04
10.10	0.56	5,401	177.77	0.05
10.20	0.59	5,589	177.79	0.06
10.30	0.62	5,785	177.82	0.06

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.65	5,989	177.85	0.07
10.50	0.68	6,201	177.88	0.08
10.60	0.74	6,431	177.91	0.08
10.70	0.82	6,685	177.95	0.09
10.80	0.91	6,967	177.99	0.09
10.90	1.01	7,280	178.03	0.10
11.00	1.11	7,626	178.08	0.11
11.10	1.25	8,015	178.14	0.11
11.20	1.42	8,458	178.20	0.12
11.30	1.60	8,962	178.27	0.13
11.40	1.79	9,530	178.35	0.14
11.50	2.01	10,164	178.44	0.14
11.60	2.72	10,989	178.56	0.16
11.70	3.24	12,004	178.70	0.17
11.80	4.27	13,322	178.89	0.18
11.90	5.96	14,934	179.12	1.50
12.00	9.73	16,806	179.38	4.49
12.10	15.69	19,135	179.71	9.42
12.20	13.01	20,125	179.85	11.83
12.30	9.42	19,941	179.83	11.37
12.40	6.35	19,004	179.69	9.12
12.50	4.91	18,102	179.57	7.10
12.60	3.71	17,348	179.46	5.54
12.70	3.00	16,765	179.38	4.41
12.80	2.56	16,317	179.31	3.61
12.90	2.29	15,989	179.27	3.06
13.00	2.06	15,741	179.23	2.66
13.10	1.84	15,538	179.20	2.35
13.20	1.66	15,366	179.18	2.10
13.30	1.52	15,221	179.16	1.89
13.40	1.40	15,095	179.14	1.72
13.50	1.28	14,983	179.12	1.57
13.60	1.16	14,879	179.11	1.44
13.70	1.08	14,786	179.10	1.32
13.80	1.03	14,707	179.08	1.23
13.90	1.00	14,644	179.08	1.15
14.00	0.96	14,592	179.07	1.09
14.10	0.93	14,548	179.06	1.05
14.20	0.90	14,509	179.06	1.00
14.30	0.87	14,474	179.05	0.96
14.40	0.84	14,441	179.05	0.93
14.50	0.81	14,409	179.04	0.89
14.60	0.78	14,379	179.04	0.86
14.70	0.75	14,348	179.03	0.83
14.80	0.71	14,317	179.03	0.80
14.90	0.68	14,285	179.02	0.77
15.00	0.65	14,253	179.02	0.74
15.10	0.62	14,221	179.02	0.71
15.20	0.60	14,191	179.01	0.68
15.30	0.59	14,164	179.01	0.65
15.40	0.58	14,142	179.00	0.63
15.50	0.57	14,124	179.00	0.61

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.56	14,108	179.00	0.60
15.70	0.55	14,094	179.00	0.59
15.80	0.54	14,081	179.00	0.58
15.90	0.54	14,069	178.99	0.57
16.00	0.53	14,057	178.99	0.56
16.10	0.52	14,045	178.99	0.55
16.20	0.51	14,034	178.99	0.54
16.30	0.50	14,023	178.99	0.53
16.40	0.49	14,012	178.99	0.52
16.50	0.49	14,001	178.98	0.52
16.60	0.48	13,990	178.98	0.51
16.70	0.47	13,979	178.98	0.50
16.80	0.46	13,969	178.98	0.49
16.90	0.45	13,958	178.98	0.48
17.00	0.44	13,947	178.98	0.47
17.10	0.44	13,937	178.98	0.46
17.20	0.43	13,926	178.97	0.46
17.30	0.42	13,916	178.97	0.45
17.40	0.41	13,905	178.97	0.44
17.50	0.40	13,894	178.97	0.43
17.60	0.39	13,884	178.97	0.42
17.70	0.39	13,873	178.97	0.41
17.80	0.38	13,862	178.96	0.41
17.90	0.37	13,852	178.96	0.40
18.00	0.36	13,841	178.96	0.39
18.10	0.35	13,831	178.96	0.38
18.20	0.35	13,820	178.96	0.37
18.30	0.34	13,810	178.96	0.37
18.40	0.34	13,801	178.96	0.36
18.50	0.34	13,793	178.96	0.36
18.60	0.34	13,786	178.95	0.36
18.70	0.33	13,779	178.95	0.35
18.80	0.33	13,773	178.95	0.35
18.90	0.33	13,767	178.95	0.34
19.00	0.33	13,762	178.95	0.34
19.10	0.33	13,757	178.95	0.34
19.20	0.32	13,752	178.95	0.34
19.30	0.32	13,748	178.95	0.33
19.40	0.32	13,743	178.95	0.33
19.50	0.32	13,739	178.95	0.33
19.60	0.31	13,735	178.95	0.33
19.70	0.31	13,730	178.95	0.32
19.80	0.31	13,727	178.95	0.32
19.90	0.31	13,723	178.95	0.32
20.00	0.31	13,719	178.94	0.32
20.10	0.30	13,715	178.94	0.32
20.20	0.30	13,711	178.94	0.31
20.30	0.30	13,707	178.94	0.31
20.40	0.30	13,703	178.94	0.31
20.50	0.30	13,699	178.94	0.31
20.60	0.29	13,696	178.94	0.30
20.70	0.29	13,692	178.94	0.30

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.29	13,688	178.94	0.30
20.90	0.29	13,684	178.94	0.30
21.00	0.29	13,681	178.94	0.30
21.10	0.28	13,677	178.94	0.29
21.20	0.28	13,673	178.94	0.29
21.30	0.28	13,669	178.94	0.29
21.40	0.28	13,666	178.94	0.29
21.50	0.28	13,662	178.94	0.29
21.60	0.27	13,658	178.94	0.28
21.70	0.27	13,654	178.94	0.28
21.80	0.27	13,650	178.93	0.28
21.90	0.27	13,647	178.93	0.28
22.00	0.26	13,643	178.93	0.28
22.10	0.26	13,639	178.93	0.27
22.20	0.26	13,635	178.93	0.27
22.30	0.26	13,632	178.93	0.27
22.40	0.26	13,628	178.93	0.27
22.50	0.25	13,624	178.93	0.26
22.60	0.25	13,620	178.93	0.26
22.70	0.25	13,617	178.93	0.26
22.80	0.25	13,613	178.93	0.26
22.90	0.25	13,609	178.93	0.26
23.00	0.24	13,605	178.93	0.25
23.10	0.24	13,602	178.93	0.25
23.20	0.24	13,598	178.93	0.25
23.30	0.24	13,594	178.93	0.25
23.40	0.24	13,590	178.93	0.25
23.50	0.23	13,586	178.93	0.24
23.60	0.23	13,582	178.93	0.24
23.70	0.23	13,579	178.92	0.24
23.80	0.23	13,575	178.92	0.24
23.90	0.23	13,571	178.92	0.24
24.00	0.24	13,572	178.92	0.24
24.10	0.14	13,553	178.92	0.22
24.20	0.06	13,510	178.91	0.21
24.30	0.02	13,450	178.91	0.19
24.40	0.00	13,386	178.90	0.18
24.50	0.00	13,321	178.89	0.18
24.60	0.00	13,256	178.88	0.18
24.70	0.00	13,191	178.87	0.18
24.80	0.00	13,127	178.86	0.18
24.90	0.00	13,062	178.85	0.18
25.00	0.00	12,998	178.84	0.18
25.10	0.00	12,934	178.83	0.18
25.20	0.00	12,870	178.82	0.18
25.30	0.00	12,807	178.82	0.18
25.40	0.00	12,743	178.81	0.18
25.50	0.00	12,680	178.80	0.17
25.60	0.00	12,617	178.79	0.17
25.70	0.00	12,555	178.78	0.17
25.80	0.00	12,493	178.77	0.17
25.90	0.00	12,431	178.76	0.17

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,369	178.75	0.17
26.10	0.00	12,307	178.74	0.17
26.20	0.00	12,246	178.74	0.17
26.30	0.00	12,185	178.73	0.17
26.40	0.00	12,124	178.72	0.17
26.50	0.00	12,064	178.71	0.17
26.60	0.00	12,003	178.70	0.17
26.70	0.00	11,943	178.69	0.17
26.80	0.00	11,883	178.68	0.17
26.90	0.00	11,824	178.68	0.17
27.00	0.00	11,765	178.67	0.16
27.10	0.00	11,706	178.66	0.16
27.20	0.00	11,647	178.65	0.16
27.30	0.00	11,588	178.64	0.16
27.40	0.00	11,530	178.63	0.16
27.50	0.00	11,472	178.63	0.16
27.60	0.00	11,414	178.62	0.16
27.70	0.00	11,356	178.61	0.16
27.80	0.00	11,299	178.60	0.16
27.90	0.00	11,242	178.59	0.16
28.00	0.00	11,185	178.59	0.16
28.10	0.00	11,129	178.58	0.16
28.20	0.00	11,072	178.57	0.16
28.30	0.00	11,016	178.56	0.16
28.40	0.00	10,960	178.55	0.15
28.50	0.00	10,905	178.55	0.15
28.60	0.00	10,849	178.54	0.15
28.70	0.00	10,794	178.53	0.15
28.80	0.00	10,739	178.52	0.15
28.90	0.00	10,685	178.51	0.15
29.00	0.00	10,630	178.51	0.15
29.10	0.00	10,576	178.50	0.15
29.20	0.00	10,522	178.49	0.15
29.30	0.00	10,469	178.48	0.15
29.40	0.00	10,415	178.48	0.15
29.50	0.00	10,362	178.47	0.15
29.60	0.00	10,309	178.46	0.15
29.70	0.00	10,257	178.45	0.15
29.80	0.00	10,204	178.45	0.15
29.90	0.00	10,152	178.44	0.14
30.00	0.00	10,100	178.43	0.14
30.10	0.00	10,049	178.42	0.14
30.20	0.00	9,997	178.42	0.14
30.30	0.00	9,946	178.41	0.14
30.40	0.00	9,895	178.40	0.14
30.50	0.00	9,845	178.40	0.14
30.60	0.00	9,794	178.39	0.14
30.70	0.00	9,744	178.38	0.14
30.80	0.00	9,694	178.37	0.14
30.90	0.00	9,645	178.37	0.14
31.00	0.00	9,595	178.36	0.14
31.10	0.00	9,546	178.35	0.14

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,497	178.35	0.14
31.30	0.00	9,448	178.34	0.13
31.40	0.00	9,400	178.33	0.13
31.50	0.00	9,352	178.33	0.13
31.60	0.00	9,304	178.32	0.13
31.70	0.00	9,256	178.31	0.13
31.80	0.00	9,209	178.31	0.13
31.90	0.00	9,162	178.30	0.13
32.00	0.00	9,115	178.29	0.13
32.10	0.00	9,068	178.29	0.13
32.20	0.00	9,021	178.28	0.13
32.30	0.00	8,975	178.27	0.13
32.40	0.00	8,929	178.27	0.13
32.50	0.00	8,884	178.26	0.13
32.60	0.00	8,838	178.25	0.13
32.70	0.00	8,793	178.25	0.13
32.80	0.00	8,748	178.24	0.12
32.90	0.00	8,703	178.23	0.12
33.00	0.00	8,659	178.23	0.12
33.10	0.00	8,615	178.22	0.12
33.20	0.00	8,571	178.21	0.12
33.30	0.00	8,527	178.21	0.12
33.40	0.00	8,483	178.20	0.12
33.50	0.00	8,440	178.20	0.12
33.60	0.00	8,397	178.19	0.12
33.70	0.00	8,355	178.18	0.12
33.80	0.00	8,312	178.18	0.12
33.90	0.00	8,270	178.17	0.12
34.00	0.00	8,228	178.17	0.12
34.10	0.00	8,186	178.16	0.12
34.20	0.00	8,145	178.15	0.11
34.30	0.00	8,103	178.15	0.11
34.40	0.00	8,062	178.14	0.11
34.50	0.00	8,022	178.14	0.11
34.60	0.00	7,981	178.13	0.11
34.70	0.00	7,941	178.13	0.11
34.80	0.00	7,901	178.12	0.11
34.90	0.00	7,861	178.11	0.11
35.00	0.00	7,822	178.11	0.11
35.10	0.00	7,782	178.10	0.11
35.20	0.00	7,743	178.10	0.11
35.30	0.00	7,705	178.09	0.11
35.40	0.00	7,666	178.09	0.11
35.50	0.00	7,628	178.08	0.11
35.60	0.00	7,590	178.08	0.11
35.70	0.00	7,552	178.07	0.10
35.80	0.00	7,514	178.07	0.10
35.90	0.00	7,477	178.06	0.10
36.00	0.00	7,440	178.05	0.10
36.10	0.00	7,403	178.05	0.10
36.20	0.00	7,367	178.04	0.10
36.30	0.00	7,330	178.04	0.10

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,294	178.03	0.10
36.50	0.00	7,259	178.03	0.10
36.60	0.00	7,223	178.02	0.10
36.70	0.00	7,188	178.02	0.10
36.80	0.00	7,153	178.01	0.10
36.90	0.00	7,118	178.01	0.10
37.00	0.00	7,083	178.00	0.10
37.10	0.00	7,049	178.00	0.09
37.20	0.00	7,015	177.99	0.09
37.30	0.00	6,981	177.99	0.09
37.40	0.00	6,948	177.98	0.09
37.50	0.00	6,914	177.98	0.09
37.60	0.00	6,881	177.98	0.09
37.70	0.00	6,848	177.97	0.09
37.80	0.00	6,816	177.97	0.09
37.90	0.00	6,783	177.96	0.09
38.00	0.00	6,751	177.96	0.09
38.10	0.00	6,720	177.95	0.09
38.20	0.00	6,688	177.95	0.09
38.30	0.00	6,657	177.94	0.09
38.40	0.00	6,625	177.94	0.09
38.50	0.00	6,595	177.93	0.09
38.60	0.00	6,564	177.93	0.08
38.70	0.00	6,534	177.93	0.08
38.80	0.00	6,504	177.92	0.08
38.90	0.00	6,474	177.92	0.08
39.00	0.00	6,444	177.91	0.08
39.10	0.00	6,415	177.91	0.08
39.20	0.00	6,386	177.91	0.08
39.30	0.00	6,357	177.90	0.08
39.40	0.00	6,328	177.90	0.08
39.50	0.00	6,300	177.89	0.08
39.60	0.00	6,272	177.89	0.08
39.70	0.00	6,244	177.89	0.08
39.80	0.00	6,216	177.88	0.08
39.90	0.00	6,189	177.88	0.08
40.00	0.00	6,162	177.87	0.08

Stage-Discharge for Pond B-43: Basin #43

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
177.00	0.00	177.52	0.00	178.04	0.10	178.56	0.16
177.01	0.00	177.53	0.00	178.05	0.10	178.57	0.16
177.02	0.00	177.54	0.00	178.06	0.10	178.58	0.16
177.03	0.00	177.55	0.00	178.07	0.10	178.59	0.16
177.04	0.00	177.56	0.00	178.08	0.11	178.60	0.16
177.05	0.00	177.57	0.00	178.09	0.11	178.61	0.16
177.06	0.00	177.58	0.00	178.10	0.11	178.62	0.16
177.07	0.00	177.59	0.00	178.11	0.11	178.63	0.16
177.08	0.00	177.60	0.00	178.12	0.11	178.64	0.16
177.09	0.00	177.61	0.00	178.13	0.11	178.65	0.16
177.10	0.00	177.62	0.01	178.14	0.11	178.66	0.16
177.11	0.00	177.63	0.01	178.15	0.11	178.67	0.16
177.12	0.00	177.64	0.01	178.16	0.12	178.68	0.17
177.13	0.00	177.65	0.01	178.17	0.12	178.69	0.17
177.14	0.00	177.66	0.02	178.18	0.12	178.70	0.17
177.15	0.00	177.67	0.02	178.19	0.12	178.71	0.17
177.16	0.00	177.68	0.02	178.20	0.12	178.72	0.17
177.17	0.00	177.69	0.03	178.21	0.12	178.73	0.17
177.18	0.00	177.70	0.03	178.22	0.12	178.74	0.17
177.19	0.00	177.71	0.03	178.23	0.12	178.75	0.17
177.20	0.00	177.72	0.04	178.24	0.12	178.76	0.17
177.21	0.00	177.73	0.04	178.25	0.13	178.77	0.17
177.22	0.00	177.74	0.05	178.26	0.13	178.78	0.17
177.23	0.00	177.75	0.05	178.27	0.13	178.79	0.17
177.24	0.00	177.76	0.05	178.28	0.13	178.80	0.17
177.25	0.00	177.77	0.05	178.29	0.13	178.81	0.18
177.26	0.00	177.78	0.06	178.30	0.13	178.82	0.18
177.27	0.00	177.79	0.06	178.31	0.13	178.83	0.18
177.28	0.00	177.80	0.06	178.32	0.13	178.84	0.18
177.29	0.00	177.81	0.06	178.33	0.13	178.85	0.18
177.30	0.00	177.82	0.06	178.34	0.13	178.86	0.18
177.31	0.00	177.83	0.07	178.35	0.14	178.87	0.18
177.32	0.00	177.84	0.07	178.36	0.14	178.88	0.18
177.33	0.00	177.85	0.07	178.37	0.14	178.89	0.18
177.34	0.00	177.86	0.07	178.38	0.14	178.90	0.18
177.35	0.00	177.87	0.07	178.39	0.14	178.91	0.20
177.36	0.00	177.88	0.08	178.40	0.14	178.92	0.22
177.37	0.00	177.89	0.08	178.41	0.14	178.93	0.25
177.38	0.00	177.90	0.08	178.42	0.14	178.94	0.29
177.39	0.00	177.91	0.08	178.43	0.14	178.95	0.33
177.40	0.00	177.92	0.08	178.44	0.14	178.96	0.38
177.41	0.00	177.93	0.08	178.45	0.15	178.97	0.43
177.42	0.00	177.94	0.09	178.46	0.15	178.98	0.48
177.43	0.00	177.95	0.09	178.47	0.15	178.99	0.54
177.44	0.00	177.96	0.09	178.48	0.15	179.00	0.60
177.45	0.00	177.97	0.09	178.49	0.15	179.01	0.66
177.46	0.00	177.98	0.09	178.50	0.15	179.02	0.73
177.47	0.00	177.99	0.09	178.51	0.15	179.03	0.80
177.48	0.00	178.00	0.10	178.52	0.15	179.04	0.87
177.49	0.00	178.01	0.10	178.53	0.15	179.05	0.95
177.50	0.00	178.02	0.10	178.54	0.15	179.06	1.02
177.51	0.00	178.03	0.10	178.55	0.15	179.07	1.10

Stage-Discharge for Pond B-43: Basin #43 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.08	1.19	179.60	7.62	180.12	14.91	180.64	22.29
179.09	1.27	179.61	7.78	180.13	14.93	180.65	22.99
179.10	1.35	179.62	7.93	180.14	14.96	180.66	23.71
179.11	1.44	179.63	8.09	180.15	14.98	180.67	24.46
179.12	1.53	179.64	8.25	180.16	15.01	180.68	25.22
179.13	1.62	179.65	8.41	180.17	15.03	180.69	26.01
179.14	1.72	179.66	8.57	180.18	15.05	180.70	26.82
179.15	1.81	179.67	8.73	180.19	15.08	180.71	27.69
179.16	1.91	179.68	8.89	180.20	15.10	180.72	28.58
179.17	2.01	179.69	9.06	180.21	15.13	180.73	29.50
179.18	2.11	179.70	9.22	180.22	15.15	180.74	30.45
179.19	2.22	179.71	9.38	180.23	15.17	180.75	31.42
179.20	2.32	179.72	9.55	180.24	15.20	180.76	32.42
179.21	2.43	179.73	9.72	180.25	15.22	180.77	33.44
179.22	2.53	179.74	9.88	180.26	15.24	180.78	34.48
179.23	2.64	179.75	10.05	180.27	15.27	180.79	35.55
179.24	2.76	179.76	10.22	180.28	15.29	180.80	36.65
179.25	2.87	179.77	10.39	180.29	15.32	180.81	37.76
179.26	2.98	179.78	10.56	180.30	15.34	180.82	38.91
179.27	3.10	179.79	10.73	180.31	15.36	180.83	40.08
179.28	3.21	179.80	10.91	180.32	15.39	180.84	41.27
179.29	3.33	179.81	11.08	180.33	15.41	180.85	42.48
179.30	3.45	179.82	11.25	180.34	15.43	180.86	43.72
179.31	3.57	179.83	11.43	180.35	15.46	180.87	44.99
179.32	3.70	179.84	11.60	180.36	15.48	180.88	46.28
179.33	3.82	179.85	11.78	180.37	15.50	180.89	47.59
179.34	3.95	179.86	11.96	180.38	15.53	180.90	48.93
179.35	4.07	179.87	12.13	180.39	15.55	180.91	50.31
179.36	4.20	179.88	12.31	180.40	15.57	180.92	51.73
179.37	4.33	179.89	12.49	180.41	15.60	180.93	53.17
179.38	4.46	179.90	12.67	180.42	15.62	180.94	54.63
179.39	4.59	179.91	12.85	180.43	15.64	180.95	56.12
179.40	4.73	179.92	13.03	180.44	15.67	180.96	57.64
179.41	4.86	179.93	13.22	180.45	15.69	180.97	59.19
179.42	4.99	179.94	13.40	180.46	15.71	180.98	60.76
179.43	5.13	179.95	13.58	180.47	15.74	180.99	62.35
179.44	5.27	179.96	13.77	180.48	15.76	181.00	63.98
179.45	5.41	179.97	13.95	180.49	15.78		
179.46	5.55	179.98	14.14	180.50	15.80		
179.47	5.69	179.99	14.32	180.51	15.94		
179.48	5.83	180.00	14.51	180.52	16.18		
179.49	5.97	180.01	14.64	180.53	16.48		
179.50	6.12	180.02	14.66	180.54	16.83		
179.51	6.26	180.03	14.69	180.55	17.23		
179.52	6.41	180.04	14.71	180.56	17.67		
179.53	6.56	180.05	14.74	180.57	18.14		
179.54	6.71	180.06	14.76	180.58	18.64		
179.55	6.86	180.07	14.79	180.59	19.18		
179.56	7.01	180.08	14.81	180.60	19.75		
179.57	7.16	180.09	14.84	180.61	20.35		
179.58	7.31	180.10	14.86	180.62	20.97		
179.59	7.47	180.11	14.88	180.63	21.62		

Stage-Area-Storage for Pond B-43: Basin #43

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.00	7,055	0	177.52	7,055	3,669
177.01	7,055	71	177.53	7,055	3,739
177.02	7,055	141	177.54	7,055	3,810
177.03	7,055	212	177.55	7,055	3,880
177.04	7,055	282	177.56	7,055	3,951
177.05	7,055	353	177.57	7,055	4,021
177.06	7,055	423	177.58	7,055	4,092
177.07	7,055	494	177.59	7,055	4,162
177.08	7,055	564	177.60	7,055	4,233
177.09	7,055	635	177.61	7,055	4,304
177.10	7,055	705	177.62	7,055	4,374
177.11	7,055	776	177.63	7,055	4,445
177.12	7,055	847	177.64	7,055	4,515
177.13	7,055	917	177.65	7,055	4,586
177.14	7,055	988	177.66	7,055	4,656
177.15	7,055	1,058	177.67	7,055	4,727
177.16	7,055	1,129	177.68	7,055	4,797
177.17	7,055	1,199	177.69	7,055	4,868
177.18	7,055	1,270	177.70	7,055	4,938
177.19	7,055	1,340	177.71	7,055	5,009
177.20	7,055	1,411	177.72	7,055	5,080
177.21	7,055	1,482	177.73	7,055	5,150
177.22	7,055	1,552	177.74	7,055	5,221
177.23	7,055	1,623	177.75	7,055	5,291
177.24	7,055	1,693	177.76	7,055	5,362
177.25	7,055	1,764	177.77	7,055	5,432
177.26	7,055	1,834	177.78	7,055	5,503
177.27	7,055	1,905	177.79	7,055	5,573
177.28	7,055	1,975	177.80	7,055	5,644
177.29	7,055	2,046	177.81	7,055	5,715
177.30	7,055	2,117	177.82	7,055	5,785
177.31	7,055	2,187	177.83	7,055	5,856
177.32	7,055	2,258	177.84	7,055	5,926
177.33	7,055	2,328	177.85	7,055	5,997
177.34	7,055	2,399	177.86	7,055	6,067
177.35	7,055	2,469	177.87	7,055	6,138
177.36	7,055	2,540	177.88	7,055	6,208
177.37	7,055	2,610	177.89	7,055	6,279
177.38	7,055	2,681	177.90	7,055	6,350
177.39	7,055	2,751	177.91	7,055	6,420
177.40	7,055	2,822	177.92	7,055	6,491
177.41	7,055	2,893	177.93	7,055	6,561
177.42	7,055	2,963	177.94	7,055	6,632
177.43	7,055	3,034	177.95	7,055	6,702
177.44	7,055	3,104	177.96	7,055	6,773
177.45	7,055	3,175	177.97	7,055	6,843
177.46	7,055	3,245	177.98	7,055	6,914
177.47	7,055	3,316	177.99	7,055	6,984
177.48	7,055	3,386	178.00	7,055	7,055
177.49	7,055	3,457	178.01	7,055	7,126
177.50	7,055	3,528	178.02	7,055	7,196
177.51	7,055	3,598	178.03	7,055	7,267

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.04	7,055	7,337	178.56	7,055	11,006
178.05	7,055	7,408	178.57	7,055	11,076
178.06	7,055	7,478	178.58	7,055	11,147
178.07	7,055	7,549	178.59	7,055	11,217
178.08	7,055	7,619	178.60	7,055	11,288
178.09	7,055	7,690	178.61	7,055	11,359
178.10	7,055	7,760	178.62	7,055	11,429
178.11	7,055	7,831	178.63	7,055	11,500
178.12	7,055	7,902	178.64	7,055	11,570
178.13	7,055	7,972	178.65	7,055	11,641
178.14	7,055	8,043	178.66	7,055	11,711
178.15	7,055	8,113	178.67	7,055	11,782
178.16	7,055	8,184	178.68	7,055	11,852
178.17	7,055	8,254	178.69	7,055	11,923
178.18	7,055	8,325	178.70	7,055	11,993
178.19	7,055	8,395	178.71	7,055	12,064
178.20	7,055	8,466	178.72	7,055	12,135
178.21	7,055	8,537	178.73	7,055	12,205
178.22	7,055	8,607	178.74	7,055	12,276
178.23	7,055	8,678	178.75	7,055	12,346
178.24	7,055	8,748	178.76	7,055	12,417
178.25	7,055	8,819	178.77	7,055	12,487
178.26	7,055	8,889	178.78	7,055	12,558
178.27	7,055	8,960	178.79	7,055	12,628
178.28	7,055	9,030	178.80	7,055	12,699
178.29	7,055	9,101	178.81	7,055	12,770
178.30	7,055	9,172	178.82	7,055	12,840
178.31	7,055	9,242	178.83	7,055	12,911
178.32	7,055	9,313	178.84	7,055	12,981
178.33	7,055	9,383	178.85	7,055	13,052
178.34	7,055	9,454	178.86	7,055	13,122
178.35	7,055	9,524	178.87	7,055	13,193
178.36	7,055	9,595	178.88	7,055	13,263
178.37	7,055	9,665	178.89	7,055	13,334
178.38	7,055	9,736	178.90	7,055	13,405
178.39	7,055	9,806	178.91	7,055	13,475
178.40	7,055	9,877	178.92	7,055	13,546
178.41	7,055	9,948	178.93	7,055	13,616
178.42	7,055	10,018	178.94	7,055	13,687
178.43	7,055	10,089	178.95	7,055	13,757
178.44	7,055	10,159	178.96	7,055	13,828
178.45	7,055	10,230	178.97	7,055	13,898
178.46	7,055	10,300	178.98	7,055	13,969
178.47	7,055	10,371	178.99	7,055	14,039
178.48	7,055	10,441	179.00	7,055	14,110
178.49	7,055	10,512	179.01	7,055	14,181
178.50	7,055	10,583	179.02	7,055	14,251
178.51	7,055	10,653	179.03	7,055	14,322
178.52	7,055	10,724	179.04	7,055	14,392
178.53	7,055	10,794	179.05	7,055	14,463
178.54	7,055	10,865	179.06	7,055	14,533
178.55	7,055	10,935	179.07	7,055	14,604

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.08	7,055	14,674	179.60	7,055	18,343
179.09	7,055	14,745	179.61	7,055	18,414
179.10	7,055	14,815	179.62	7,055	18,484
179.11	7,055	14,886	179.63	7,055	18,555
179.12	7,055	14,957	179.64	7,055	18,625
179.13	7,055	15,027	179.65	7,055	18,696
179.14	7,055	15,098	179.66	7,055	18,766
179.15	7,055	15,168	179.67	7,055	18,837
179.16	7,055	15,239	179.68	7,055	18,907
179.17	7,055	15,309	179.69	7,055	18,978
179.18	7,055	15,380	179.70	7,055	19,048
179.19	7,055	15,450	179.71	7,055	19,119
179.20	7,055	15,521	179.72	7,055	19,190
179.21	7,055	15,592	179.73	7,055	19,260
179.22	7,055	15,662	179.74	7,055	19,331
179.23	7,055	15,733	179.75	7,055	19,401
179.24	7,055	15,803	179.76	7,055	19,472
179.25	7,055	15,874	179.77	7,055	19,542
179.26	7,055	15,944	179.78	7,055	19,613
179.27	7,055	16,015	179.79	7,055	19,683
179.28	7,055	16,085	179.80	7,055	19,754
179.29	7,055	16,156	179.81	7,055	19,825
179.30	7,055	16,227	179.82	7,055	19,895
179.31	7,055	16,297	179.83	7,055	19,966
179.32	7,055	16,368	179.84	7,055	20,036
179.33	7,055	16,438	179.85	7,055	20,107
179.34	7,055	16,509	179.86	7,055	20,177
179.35	7,055	16,579	179.87	7,055	20,248
179.36	7,055	16,650	179.88	7,055	20,318
179.37	7,055	16,720	179.89	7,055	20,389
179.38	7,055	16,791	179.90	7,055	20,460
179.39	7,055	16,861	179.91	7,055	20,530
179.40	7,055	16,932	179.92	7,055	20,601
179.41	7,055	17,003	179.93	7,055	20,671
179.42	7,055	17,073	179.94	7,055	20,742
179.43	7,055	17,144	179.95	7,055	20,812
179.44	7,055	17,214	179.96	7,055	20,883
179.45	7,055	17,285	179.97	7,055	20,953
179.46	7,055	17,355	179.98	7,055	21,024
179.47	7,055	17,426	179.99	7,055	21,094
179.48	7,055	17,496	180.00	7,055	21,165
179.49	7,055	17,567	180.01	7,055	21,236
179.50	7,055	17,638	180.02	7,055	21,306
179.51	7,055	17,708	180.03	7,055	21,377
179.52	7,055	17,779	180.04	7,055	21,447
179.53	7,055	17,849	180.05	7,055	21,518
179.54	7,055	17,920	180.06	7,055	21,588
179.55	7,055	17,990	180.07	7,055	21,659
179.56	7,055	18,061	180.08	7,055	21,729
179.57	7,055	18,131	180.09	7,055	21,800
179.58	7,055	18,202	180.10	7,055	21,870
179.59	7,055	18,272	180.11	7,055	21,941

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.12	7,055	22,012	180.64	7,055	25,680
180.13	7,055	22,082	180.65	7,055	25,751
180.14	7,055	22,153	180.66	7,055	25,821
180.15	7,055	22,223	180.67	7,055	25,892
180.16	7,055	22,294	180.68	7,055	25,962
180.17	7,055	22,364	180.69	7,055	26,033
180.18	7,055	22,435	180.70	7,055	26,103
180.19	7,055	22,505	180.71	7,055	26,174
180.20	7,055	22,576	180.72	7,055	26,245
180.21	7,055	22,647	180.73	7,055	26,315
180.22	7,055	22,717	180.74	7,055	26,386
180.23	7,055	22,788	180.75	7,055	26,456
180.24	7,055	22,858	180.76	7,055	26,527
180.25	7,055	22,929	180.77	7,055	26,597
180.26	7,055	22,999	180.78	7,055	26,668
180.27	7,055	23,070	180.79	7,055	26,738
180.28	7,055	23,140	180.80	7,055	26,809
180.29	7,055	23,211	180.81	7,055	26,880
180.30	7,055	23,282	180.82	7,055	26,950
180.31	7,055	23,352	180.83	7,055	27,021
180.32	7,055	23,423	180.84	7,055	27,091
180.33	7,055	23,493	180.85	7,055	27,162
180.34	7,055	23,564	180.86	7,055	27,232
180.35	7,055	23,634	180.87	7,055	27,303
180.36	7,055	23,705	180.88	7,055	27,373
180.37	7,055	23,775	180.89	7,055	27,444
180.38	7,055	23,846	180.90	7,055	27,515
180.39	7,055	23,916	180.91	7,055	27,585
180.40	7,055	23,987	180.92	7,055	27,656
180.41	7,055	24,058	180.93	7,055	27,726
180.42	7,055	24,128	180.94	7,055	27,797
180.43	7,055	24,199	180.95	7,055	27,867
180.44	7,055	24,269	180.96	7,055	27,938
180.45	7,055	24,340	180.97	7,055	28,008
180.46	7,055	24,410	180.98	7,055	28,079
180.47	7,055	24,481	180.99	7,055	28,149
180.48	7,055	24,551	181.00	7,055	28,220
180.49	7,055	24,622			
180.50	7,055	24,693			
180.51	7,055	24,763			
180.52	7,055	24,834			
180.53	7,055	24,904			
180.54	7,055	24,975			
180.55	7,055	25,045			
180.56	7,055	25,116			
180.57	7,055	25,186			
180.58	7,055	25,257			
180.59	7,055	25,327			
180.60	7,055	25,398			
180.61	7,055	25,469			
180.62	7,055	25,539			
180.63	7,055	25,610			

Summary for Pond B-44: Basin #44

Inflow Area = 1.184 ac, 34.71% Impervious, Inflow Depth = 6.32" for Current 100 yr event
 Inflow = 7.68 cfs @ 12.17 hrs, Volume= 0.624 af
 Outflow = 0.24 cfs @ 15.79 hrs, Volume= 0.463 af, Atten= 97%, Lag= 217.0 min
 Primary = 0.24 cfs @ 15.79 hrs, Volume= 0.463 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 168.44' @ 15.79 hrs Surf.Area= 7,939 sf Storage= 19,347 cf

Plug-Flow detention time= 767.3 min calculated for 0.463 af (74% of inflow)
 Center-of-Mass det. time= 675.1 min (1,461.8 - 786.6)

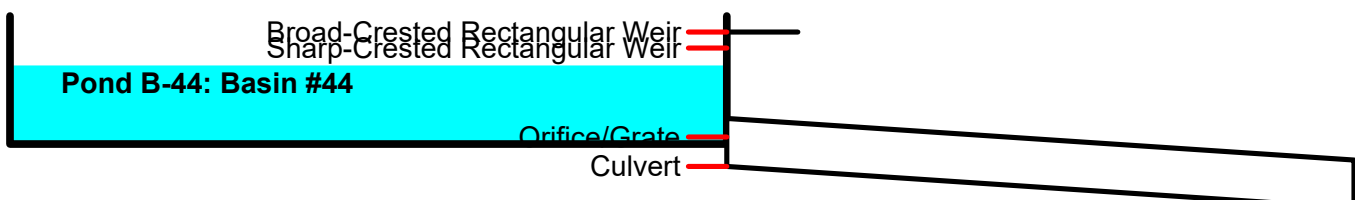
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	31,756 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,939	0	0
167.00	7,939	7,939	7,939
168.00	7,939	7,939	15,878
169.00	7,939	7,939	23,817
170.00	7,939	7,939	31,756

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 44.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0295 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

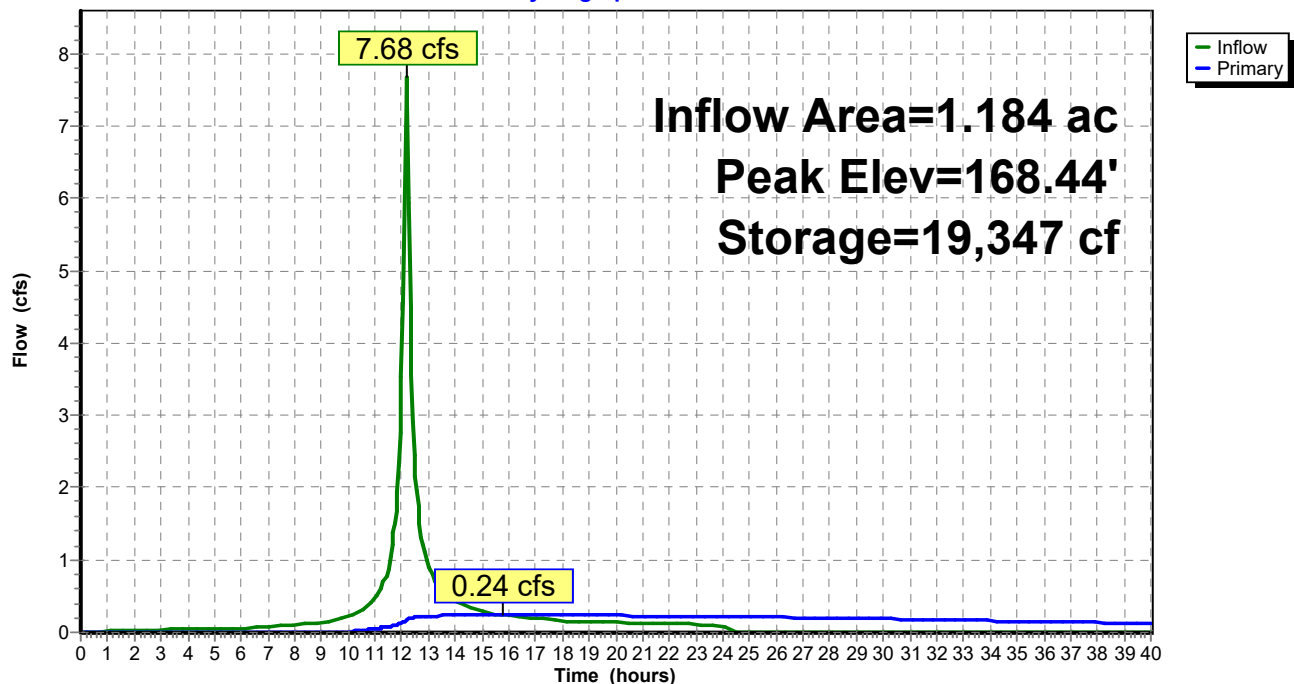
Primary OutFlow Max=0.24 cfs @ 15.79 hrs HW=168.44' (Free Discharge)

- 1=Culvert (Passes 0.24 cfs of 13.15 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.24 cfs @ 7.00 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-44: Basin #44

Hydrograph



Hydrograph for Pond B-44: Basin #44

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	1	166.00	0.00
0.80	0.01	3	166.00	0.00
0.90	0.01	5	166.00	0.00
1.00	0.01	9	166.00	0.00
1.10	0.01	13	166.00	0.00
1.20	0.02	18	166.00	0.00
1.30	0.02	24	166.00	0.00
1.40	0.02	30	166.00	0.00
1.50	0.02	37	166.00	0.00
1.60	0.02	45	166.01	0.00
1.70	0.02	53	166.01	0.00
1.80	0.02	61	166.01	0.00
1.90	0.03	70	166.01	0.00
2.00	0.03	80	166.01	0.00
2.10	0.03	89	166.01	0.00
2.20	0.03	100	166.01	0.00
2.30	0.03	110	166.01	0.00
2.40	0.03	121	166.02	0.00
2.50	0.03	132	166.02	0.00
2.60	0.03	144	166.02	0.00
2.70	0.03	156	166.02	0.00
2.80	0.03	168	166.02	0.00
2.90	0.04	181	166.02	0.00
3.00	0.04	193	166.02	0.00
3.10	0.04	207	166.03	0.00
3.20	0.04	220	166.03	0.00
3.30	0.04	233	166.03	0.00
3.40	0.04	247	166.03	0.00
3.50	0.04	261	166.03	0.00
3.60	0.04	276	166.03	0.00
3.70	0.04	290	166.04	0.00
3.80	0.04	305	166.04	0.00
3.90	0.04	320	166.04	0.00
4.00	0.04	335	166.04	0.00
4.10	0.04	350	166.04	0.00
4.20	0.04	366	166.05	0.00
4.30	0.04	382	166.05	0.00
4.40	0.04	398	166.05	0.00
4.50	0.05	414	166.05	0.00
4.60	0.05	430	166.05	0.00
4.70	0.05	447	166.06	0.00
4.80	0.05	464	166.06	0.00
4.90	0.05	480	166.06	0.00
5.00	0.05	498	166.06	0.00
5.10	0.05	515	166.06	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	532	166.07	0.00
5.30	0.05	550	166.07	0.00
5.40	0.05	568	166.07	0.00
5.50	0.05	586	166.07	0.00
5.60	0.05	604	166.08	0.00
5.70	0.05	622	166.08	0.00
5.80	0.05	641	166.08	0.00
5.90	0.05	659	166.08	0.00
6.00	0.05	678	166.09	0.00
6.10	0.05	697	166.09	0.00
6.20	0.05	716	166.09	0.00
6.30	0.06	736	166.09	0.00
6.40	0.06	756	166.10	0.00
6.50	0.06	777	166.10	0.00
6.60	0.06	799	166.10	0.00
6.70	0.06	822	166.10	0.00
6.80	0.07	846	166.11	0.00
6.90	0.07	870	166.11	0.00
7.00	0.07	896	166.11	0.00
7.10	0.08	922	166.12	0.00
7.20	0.08	950	166.12	0.00
7.30	0.08	979	166.12	0.00
7.40	0.08	1,008	166.13	0.00
7.50	0.09	1,039	166.13	0.00
7.60	0.09	1,070	166.13	0.00
7.70	0.09	1,103	166.14	0.00
7.80	0.10	1,137	166.14	0.00
7.90	0.10	1,172	166.15	0.00
8.00	0.10	1,208	166.15	0.00
8.10	0.11	1,246	166.16	0.00
8.20	0.11	1,284	166.16	0.00
8.30	0.11	1,324	166.17	0.00
8.40	0.12	1,365	166.17	0.00
8.50	0.12	1,407	166.18	0.00
8.60	0.12	1,450	166.18	0.00
8.70	0.13	1,495	166.19	0.00
8.80	0.13	1,540	166.19	0.00
8.90	0.13	1,588	166.20	0.00
9.00	0.14	1,636	166.21	0.00
9.10	0.14	1,686	166.21	0.00
9.20	0.15	1,738	166.22	0.00
9.30	0.16	1,794	166.23	0.00
9.40	0.17	1,853	166.23	0.00
9.50	0.18	1,915	166.24	0.00
9.60	0.19	1,980	166.25	0.00
9.70	0.20	2,049	166.26	0.00
9.80	0.21	2,122	166.27	0.00
9.90	0.22	2,198	166.28	0.01
10.00	0.23	2,277	166.29	0.01
10.10	0.24	2,359	166.30	0.01
10.20	0.26	2,445	166.31	0.01
10.30	0.27	2,534	166.32	0.02

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.28	2,626	166.33	0.02
10.50	0.29	2,721	166.34	0.03
10.60	0.31	2,820	166.36	0.03
10.70	0.35	2,927	166.37	0.03
10.80	0.39	3,045	166.38	0.04
10.90	0.43	3,177	166.40	0.05
11.00	0.47	3,321	166.42	0.05
11.10	0.52	3,480	166.44	0.06
11.20	0.60	3,661	166.46	0.06
11.30	0.68	3,867	166.49	0.07
11.40	0.76	4,101	166.52	0.07
11.50	0.85	4,364	166.55	0.08
11.60	1.03	4,666	166.59	0.08
11.70	1.37	5,070	166.64	0.09
11.80	1.68	5,579	166.70	0.10
11.90	2.29	6,247	166.79	0.11
12.00	3.53	7,227	166.91	0.13
12.10	6.08	8,867	167.12	0.15
12.20	7.43	11,381	167.43	0.17
12.30	4.52	13,459	167.70	0.19
12.40	2.91	14,700	167.85	0.20
12.50	2.14	15,520	167.95	0.21
12.60	1.74	16,146	168.03	0.21
12.70	1.31	16,612	168.09	0.22
12.80	1.13	16,970	168.14	0.22
12.90	1.02	17,277	168.18	0.22
13.00	0.92	17,546	168.21	0.23
13.10	0.82	17,779	168.24	0.23
13.20	0.74	17,977	168.26	0.23
13.30	0.68	18,149	168.29	0.23
13.40	0.62	18,300	168.31	0.23
13.50	0.57	18,432	168.32	0.23
13.60	0.52	18,544	168.34	0.23
13.70	0.48	18,639	168.35	0.23
13.80	0.45	18,721	168.36	0.23
13.90	0.44	18,797	168.37	0.23
14.00	0.42	18,868	168.38	0.24
14.10	0.41	18,934	168.38	0.24
14.20	0.40	18,994	168.39	0.24
14.30	0.38	19,050	168.40	0.24
14.40	0.37	19,100	168.41	0.24
14.50	0.36	19,145	168.41	0.24
14.60	0.34	19,186	168.42	0.24
14.70	0.33	19,221	168.42	0.24
14.80	0.32	19,252	168.42	0.24
14.90	0.30	19,277	168.43	0.24
15.00	0.29	19,298	168.43	0.24
15.10	0.27	19,313	168.43	0.24
15.20	0.26	19,324	168.43	0.24
15.30	0.26	19,331	168.43	0.24
15.40	0.25	19,337	168.44	0.24
15.50	0.25	19,342	168.44	0.24

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.25	19,345	168.44	0.24
15.70	0.24	19,347	168.44	0.24
15.80	0.24	19,347	168.44	0.24
15.90	0.23	19,346	168.44	0.24
16.00	0.23	19,344	168.44	0.24
16.10	0.23	19,341	168.44	0.24
16.20	0.22	19,337	168.44	0.24
16.30	0.22	19,331	168.43	0.24
16.40	0.22	19,323	168.43	0.24
16.50	0.21	19,315	168.43	0.24
16.60	0.21	19,305	168.43	0.24
16.70	0.21	19,294	168.43	0.24
16.80	0.20	19,282	168.43	0.24
16.90	0.20	19,268	168.43	0.24
17.00	0.19	19,253	168.43	0.24
17.10	0.19	19,237	168.42	0.24
17.20	0.19	19,220	168.42	0.24
17.30	0.18	19,201	168.42	0.24
17.40	0.18	19,181	168.42	0.24
17.50	0.18	19,160	168.41	0.24
17.60	0.17	19,137	168.41	0.24
17.70	0.17	19,113	168.41	0.24
17.80	0.17	19,088	168.40	0.24
17.90	0.16	19,062	168.40	0.24
18.00	0.16	19,035	168.40	0.24
18.10	0.15	19,006	168.39	0.24
18.20	0.15	18,976	168.39	0.24
18.30	0.15	18,945	168.39	0.24
18.40	0.15	18,914	168.38	0.24
18.50	0.15	18,883	168.38	0.24
18.60	0.15	18,851	168.37	0.24
18.70	0.15	18,819	168.37	0.23
18.80	0.15	18,787	168.37	0.23
18.90	0.14	18,755	168.36	0.23
19.00	0.14	18,722	168.36	0.23
19.10	0.14	18,690	168.35	0.23
19.20	0.14	18,657	168.35	0.23
19.30	0.14	18,623	168.35	0.23
19.40	0.14	18,590	168.34	0.23
19.50	0.14	18,556	168.34	0.23
19.60	0.14	18,522	168.33	0.23
19.70	0.14	18,488	168.33	0.23
19.80	0.14	18,453	168.32	0.23
19.90	0.14	18,419	168.32	0.23
20.00	0.13	18,384	168.32	0.23
20.10	0.13	18,349	168.31	0.23
20.20	0.13	18,313	168.31	0.23
20.30	0.13	18,278	168.30	0.23
20.40	0.13	18,242	168.30	0.23
20.50	0.13	18,206	168.29	0.23
20.60	0.13	18,169	168.29	0.23
20.70	0.13	18,133	168.28	0.23

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	18,096	168.28	0.23
20.90	0.13	18,059	168.27	0.23
21.00	0.12	18,022	168.27	0.23
21.10	0.12	17,984	168.27	0.23
21.20	0.12	17,946	168.26	0.23
21.30	0.12	17,908	168.26	0.23
21.40	0.12	17,870	168.25	0.23
21.50	0.12	17,832	168.25	0.23
21.60	0.12	17,793	168.24	0.23
21.70	0.12	17,754	168.24	0.23
21.80	0.12	17,715	168.23	0.23
21.90	0.12	17,676	168.23	0.23
22.00	0.12	17,637	168.22	0.23
22.10	0.11	17,597	168.22	0.23
22.20	0.11	17,557	168.21	0.23
22.30	0.11	17,517	168.21	0.23
22.40	0.11	17,476	168.20	0.22
22.50	0.11	17,436	168.20	0.22
22.60	0.11	17,395	168.19	0.22
22.70	0.11	17,354	168.19	0.22
22.80	0.11	17,312	168.18	0.22
22.90	0.11	17,271	168.18	0.22
23.00	0.11	17,229	168.17	0.22
23.10	0.11	17,187	168.16	0.22
23.20	0.10	17,145	168.16	0.22
23.30	0.10	17,102	168.15	0.22
23.40	0.10	17,060	168.15	0.22
23.50	0.10	17,017	168.14	0.22
23.60	0.10	16,974	168.14	0.22
23.70	0.10	16,931	168.13	0.22
23.80	0.10	16,887	168.13	0.22
23.90	0.10	16,844	168.12	0.22
24.00	0.10	16,800	168.12	0.22
24.10	0.09	16,758	168.11	0.22
24.20	0.02	16,698	168.10	0.22
24.30	0.01	16,624	168.09	0.22
24.40	0.00	16,547	168.08	0.22
24.50	0.00	16,469	168.07	0.22
24.60	0.00	16,391	168.06	0.22
24.70	0.00	16,313	168.05	0.22
24.80	0.00	16,235	168.05	0.22
24.90	0.00	16,158	168.04	0.21
25.00	0.00	16,081	168.03	0.21
25.10	0.00	16,004	168.02	0.21
25.20	0.00	15,927	168.01	0.21
25.30	0.00	15,850	168.00	0.21
25.40	0.00	15,774	167.99	0.21
25.50	0.00	15,698	167.98	0.21
25.60	0.00	15,622	167.97	0.21
25.70	0.00	15,547	167.96	0.21
25.80	0.00	15,471	167.95	0.21
25.90	0.00	15,396	167.94	0.21

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	15,321	167.93	0.21
26.10	0.00	15,246	167.92	0.21
26.20	0.00	15,172	167.91	0.21
26.30	0.00	15,097	167.90	0.21
26.40	0.00	15,023	167.89	0.21
26.50	0.00	14,949	167.88	0.20
26.60	0.00	14,876	167.87	0.20
26.70	0.00	14,802	167.86	0.20
26.80	0.00	14,729	167.86	0.20
26.90	0.00	14,656	167.85	0.20
27.00	0.00	14,583	167.84	0.20
27.10	0.00	14,511	167.83	0.20
27.20	0.00	14,438	167.82	0.20
27.30	0.00	14,366	167.81	0.20
27.40	0.00	14,294	167.80	0.20
27.50	0.00	14,223	167.79	0.20
27.60	0.00	14,151	167.78	0.20
27.70	0.00	14,080	167.77	0.20
27.80	0.00	14,009	167.76	0.20
27.90	0.00	13,938	167.76	0.20
28.00	0.00	13,867	167.75	0.20
28.10	0.00	13,797	167.74	0.20
28.20	0.00	13,727	167.73	0.19
28.30	0.00	13,657	167.72	0.19
28.40	0.00	13,587	167.71	0.19
28.50	0.00	13,518	167.70	0.19
28.60	0.00	13,449	167.69	0.19
28.70	0.00	13,380	167.69	0.19
28.80	0.00	13,311	167.68	0.19
28.90	0.00	13,242	167.67	0.19
29.00	0.00	13,174	167.66	0.19
29.10	0.00	13,106	167.65	0.19
29.20	0.00	13,038	167.64	0.19
29.30	0.00	12,970	167.63	0.19
29.40	0.00	12,902	167.63	0.19
29.50	0.00	12,835	167.62	0.19
29.60	0.00	12,768	167.61	0.19
29.70	0.00	12,701	167.60	0.19
29.80	0.00	12,635	167.59	0.18
29.90	0.00	12,568	167.58	0.18
30.00	0.00	12,502	167.57	0.18
30.10	0.00	12,436	167.57	0.18
30.20	0.00	12,370	167.56	0.18
30.30	0.00	12,305	167.55	0.18
30.40	0.00	12,239	167.54	0.18
30.50	0.00	12,174	167.53	0.18
30.60	0.00	12,109	167.53	0.18
30.70	0.00	12,045	167.52	0.18
30.80	0.00	11,980	167.51	0.18
30.90	0.00	11,916	167.50	0.18
31.00	0.00	11,852	167.49	0.18
31.10	0.00	11,788	167.48	0.18

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	11,725	167.48	0.18
31.30	0.00	11,662	167.47	0.18
31.40	0.00	11,598	167.46	0.17
31.50	0.00	11,536	167.45	0.17
31.60	0.00	11,473	167.45	0.17
31.70	0.00	11,410	167.44	0.17
31.80	0.00	11,348	167.43	0.17
31.90	0.00	11,286	167.42	0.17
32.00	0.00	11,224	167.41	0.17
32.10	0.00	11,163	167.41	0.17
32.20	0.00	11,101	167.40	0.17
32.30	0.00	11,040	167.39	0.17
32.40	0.00	10,979	167.38	0.17
32.50	0.00	10,919	167.38	0.17
32.60	0.00	10,858	167.37	0.17
32.70	0.00	10,798	167.36	0.17
32.80	0.00	10,738	167.35	0.17
32.90	0.00	10,678	167.35	0.17
33.00	0.00	10,619	167.34	0.17
33.10	0.00	10,559	167.33	0.16
33.20	0.00	10,500	167.32	0.16
33.30	0.00	10,441	167.32	0.16
33.40	0.00	10,382	167.31	0.16
33.50	0.00	10,324	167.30	0.16
33.60	0.00	10,266	167.29	0.16
33.70	0.00	10,208	167.29	0.16
33.80	0.00	10,150	167.28	0.16
33.90	0.00	10,092	167.27	0.16
34.00	0.00	10,035	167.26	0.16
34.10	0.00	9,978	167.26	0.16
34.20	0.00	9,921	167.25	0.16
34.30	0.00	9,864	167.24	0.16
34.40	0.00	9,807	167.24	0.16
34.50	0.00	9,751	167.23	0.16
34.60	0.00	9,695	167.22	0.16
34.70	0.00	9,639	167.21	0.15
34.80	0.00	9,584	167.21	0.15
34.90	0.00	9,528	167.20	0.15
35.00	0.00	9,473	167.19	0.15
35.10	0.00	9,418	167.19	0.15
35.20	0.00	9,363	167.18	0.15
35.30	0.00	9,309	167.17	0.15
35.40	0.00	9,254	167.17	0.15
35.50	0.00	9,200	167.16	0.15
35.60	0.00	9,146	167.15	0.15
35.70	0.00	9,093	167.15	0.15
35.80	0.00	9,039	167.14	0.15
35.90	0.00	8,986	167.13	0.15
36.00	0.00	8,933	167.13	0.15
36.10	0.00	8,880	167.12	0.15
36.20	0.00	8,828	167.11	0.15
36.30	0.00	8,776	167.11	0.15

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,723	167.10	0.14
36.50	0.00	8,672	167.09	0.14
36.60	0.00	8,620	167.09	0.14
36.70	0.00	8,568	167.08	0.14
36.80	0.00	8,517	167.07	0.14
36.90	0.00	8,466	167.07	0.14
37.00	0.00	8,415	167.06	0.14
37.10	0.00	8,365	167.05	0.14
37.20	0.00	8,314	167.05	0.14
37.30	0.00	8,264	167.04	0.14
37.40	0.00	8,214	167.03	0.14
37.50	0.00	8,165	167.03	0.14
37.60	0.00	8,115	167.02	0.14
37.70	0.00	8,066	167.02	0.14
37.80	0.00	8,017	167.01	0.14
37.90	0.00	7,968	167.00	0.14
38.00	0.00	7,919	167.00	0.13
38.10	0.00	7,871	166.99	0.13
38.20	0.00	7,823	166.99	0.13
38.30	0.00	7,775	166.98	0.13
38.40	0.00	7,727	166.97	0.13
38.50	0.00	7,680	166.97	0.13
38.60	0.00	7,633	166.96	0.13
38.70	0.00	7,585	166.96	0.13
38.80	0.00	7,539	166.95	0.13
38.90	0.00	7,492	166.94	0.13
39.00	0.00	7,446	166.94	0.13
39.10	0.00	7,399	166.93	0.13
39.20	0.00	7,354	166.93	0.13
39.30	0.00	7,308	166.92	0.13
39.40	0.00	7,262	166.91	0.13
39.50	0.00	7,217	166.91	0.13
39.60	0.00	7,172	166.90	0.12
39.70	0.00	7,127	166.90	0.12
39.80	0.00	7,082	166.89	0.12
39.90	0.00	7,038	166.89	0.12
40.00	0.00	6,994	166.88	0.12

Stage-Discharge for Pond B-44: Basin #44

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.07	167.04	0.14	167.56	0.18
166.01	0.00	166.53	0.07	167.05	0.14	167.57	0.18
166.02	0.00	166.54	0.08	167.06	0.14	167.58	0.18
166.03	0.00	166.55	0.08	167.07	0.14	167.59	0.18
166.04	0.00	166.56	0.08	167.08	0.14	167.60	0.19
166.05	0.00	166.57	0.08	167.09	0.14	167.61	0.19
166.06	0.00	166.58	0.08	167.10	0.14	167.62	0.19
166.07	0.00	166.59	0.08	167.11	0.15	167.63	0.19
166.08	0.00	166.60	0.09	167.12	0.15	167.64	0.19
166.09	0.00	166.61	0.09	167.13	0.15	167.65	0.19
166.10	0.00	166.62	0.09	167.14	0.15	167.66	0.19
166.11	0.00	166.63	0.09	167.15	0.15	167.67	0.19
166.12	0.00	166.64	0.09	167.16	0.15	167.68	0.19
166.13	0.00	166.65	0.09	167.17	0.15	167.69	0.19
166.14	0.00	166.66	0.10	167.18	0.15	167.70	0.19
166.15	0.00	166.67	0.10	167.19	0.15	167.71	0.19
166.16	0.00	166.68	0.10	167.20	0.15	167.72	0.19
166.17	0.00	166.69	0.10	167.21	0.15	167.73	0.19
166.18	0.00	166.70	0.10	167.22	0.16	167.74	0.20
166.19	0.00	166.71	0.10	167.23	0.16	167.75	0.20
166.20	0.00	166.72	0.10	167.24	0.16	167.76	0.20
166.21	0.00	166.73	0.10	167.25	0.16	167.77	0.20
166.22	0.00	166.74	0.11	167.26	0.16	167.78	0.20
166.23	0.00	166.75	0.11	167.27	0.16	167.79	0.20
166.24	0.00	166.76	0.11	167.28	0.16	167.80	0.20
166.25	0.00	166.77	0.11	167.29	0.16	167.81	0.20
166.26	0.00	166.78	0.11	167.30	0.16	167.82	0.20
166.27	0.00	166.79	0.11	167.31	0.16	167.83	0.20
166.28	0.01	166.80	0.11	167.32	0.16	167.84	0.20
166.29	0.01	166.81	0.11	167.33	0.16	167.85	0.20
166.30	0.01	166.82	0.12	167.34	0.17	167.86	0.20
166.31	0.01	166.83	0.12	167.35	0.17	167.87	0.20
166.32	0.02	166.84	0.12	167.36	0.17	167.88	0.20
166.33	0.02	166.85	0.12	167.37	0.17	167.89	0.21
166.34	0.02	166.86	0.12	167.38	0.17	167.90	0.21
166.35	0.03	166.87	0.12	167.39	0.17	167.91	0.21
166.36	0.03	166.88	0.12	167.40	0.17	167.92	0.21
166.37	0.03	166.89	0.12	167.41	0.17	167.93	0.21
166.38	0.04	166.90	0.12	167.42	0.17	167.94	0.21
166.39	0.04	166.91	0.13	167.43	0.17	167.95	0.21
166.40	0.05	166.92	0.13	167.44	0.17	167.96	0.21
166.41	0.05	166.93	0.13	167.45	0.17	167.97	0.21
166.42	0.05	166.94	0.13	167.46	0.17	167.98	0.21
166.43	0.05	166.95	0.13	167.47	0.18	167.99	0.21
166.44	0.06	166.96	0.13	167.48	0.18	168.00	0.21
166.45	0.06	166.97	0.13	167.49	0.18	168.01	0.21
166.46	0.06	166.98	0.13	167.50	0.18	168.02	0.21
166.47	0.06	166.99	0.13	167.51	0.18	168.03	0.21
166.48	0.06	167.00	0.13	167.52	0.18	168.04	0.22
166.49	0.07	167.01	0.14	167.53	0.18	168.05	0.22
166.50	0.07	167.02	0.14	167.54	0.18	168.06	0.22
166.51	0.07	167.03	0.14	167.55	0.18	168.07	0.22

Stage-Discharge for Pond B-44: Basin #44 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.22	168.60	0.25	169.12	0.81	169.64	12.95
168.09	0.22	168.61	0.25	169.13	0.88	169.65	13.78
168.10	0.22	168.62	0.25	169.14	0.96	169.66	14.63
168.11	0.22	168.63	0.25	169.15	1.03	169.67	15.50
168.12	0.22	168.64	0.25	169.16	1.11	169.68	16.40
168.13	0.22	168.65	0.25	169.17	1.19	169.69	17.32
168.14	0.22	168.66	0.25	169.18	1.27	169.70	18.26
168.15	0.22	168.67	0.25	169.19	1.35	169.71	19.26
168.16	0.22	168.68	0.25	169.20	1.44	169.72	20.29
168.17	0.22	168.69	0.25	169.21	1.52	169.73	21.35
168.18	0.22	168.70	0.25	169.22	1.61	169.74	22.43
168.19	0.22	168.71	0.25	169.23	1.71	169.75	23.53
168.20	0.22	168.72	0.25	169.24	1.80	169.76	24.67
168.21	0.23	168.73	0.25	169.25	1.90	169.77	25.83
168.22	0.23	168.74	0.26	169.26	1.99	169.78	27.01
168.23	0.23	168.75	0.26	169.27	2.09	169.79	28.22
168.24	0.23	168.76	0.26	169.28	2.19	169.80	29.46
168.25	0.23	168.77	0.26	169.29	2.30	169.81	30.72
168.26	0.23	168.78	0.26	169.30	2.40	169.82	32.01
168.27	0.23	168.79	0.26	169.31	2.51	169.83	33.32
168.28	0.23	168.80	0.26	169.32	2.61	169.84	34.66
168.29	0.23	168.81	0.26	169.33	2.72	169.85	36.02
168.30	0.23	168.82	0.26	169.34	2.83	169.86	37.41
168.31	0.23	168.83	0.26	169.35	2.95	169.87	38.82
168.32	0.23	168.84	0.26	169.36	3.06	169.88	40.26
168.33	0.23	168.85	0.26	169.37	3.18	169.89	41.72
168.34	0.23	168.86	0.26	169.38	3.29	169.90	43.21
168.35	0.23	168.87	0.26	169.39	3.41	169.91	44.74
168.36	0.23	168.88	0.26	169.40	3.53	169.92	46.31
168.37	0.23	168.89	0.26	169.41	3.65	169.93	47.90
168.38	0.24	168.90	0.26	169.42	3.77	169.94	49.52
168.39	0.24	168.91	0.26	169.43	3.90	169.95	51.17
168.40	0.24	168.92	0.26	169.44	4.02	169.96	52.84
168.41	0.24	168.93	0.26	169.45	4.15	169.97	54.54
168.42	0.24	168.94	0.27	169.46	4.28	169.98	56.27
168.43	0.24	168.95	0.27	169.47	4.41	169.99	58.02
168.44	0.24	168.96	0.27	169.48	4.54	170.00	59.81
168.45	0.24	168.97	0.27	169.49	4.67		
168.46	0.24	168.98	0.27	169.50	4.80		
168.47	0.24	168.99	0.27	169.51	5.05		
168.48	0.24	169.00	0.27	169.52	5.40		
168.49	0.24	169.01	0.28	169.53	5.82		
168.50	0.24	169.02	0.31	169.54	6.28		
168.51	0.24	169.03	0.34	169.55	6.79		
168.52	0.24	169.04	0.37	169.56	7.35		
168.53	0.24	169.05	0.42	169.57	7.94		
168.54	0.24	169.06	0.46	169.58	8.56		
168.55	0.24	169.07	0.51	169.59	9.22		
168.56	0.25	169.08	0.57	169.60	9.91		
168.57	0.25	169.09	0.62	169.61	10.63		
168.58	0.25	169.10	0.69	169.62	11.38		
168.59	0.25	169.11	0.75	169.63	12.15		

Stage-Area-Storage for Pond B-44: Basin #44

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,939	0	166.52	7,939	4,128
166.01	7,939	79	166.53	7,939	4,208
166.02	7,939	159	166.54	7,939	4,287
166.03	7,939	238	166.55	7,939	4,366
166.04	7,939	318	166.56	7,939	4,446
166.05	7,939	397	166.57	7,939	4,525
166.06	7,939	476	166.58	7,939	4,605
166.07	7,939	556	166.59	7,939	4,684
166.08	7,939	635	166.60	7,939	4,763
166.09	7,939	715	166.61	7,939	4,843
166.10	7,939	794	166.62	7,939	4,922
166.11	7,939	873	166.63	7,939	5,002
166.12	7,939	953	166.64	7,939	5,081
166.13	7,939	1,032	166.65	7,939	5,160
166.14	7,939	1,111	166.66	7,939	5,240
166.15	7,939	1,191	166.67	7,939	5,319
166.16	7,939	1,270	166.68	7,939	5,399
166.17	7,939	1,350	166.69	7,939	5,478
166.18	7,939	1,429	166.70	7,939	5,557
166.19	7,939	1,508	166.71	7,939	5,637
166.20	7,939	1,588	166.72	7,939	5,716
166.21	7,939	1,667	166.73	7,939	5,795
166.22	7,939	1,747	166.74	7,939	5,875
166.23	7,939	1,826	166.75	7,939	5,954
166.24	7,939	1,905	166.76	7,939	6,034
166.25	7,939	1,985	166.77	7,939	6,113
166.26	7,939	2,064	166.78	7,939	6,192
166.27	7,939	2,144	166.79	7,939	6,272
166.28	7,939	2,223	166.80	7,939	6,351
166.29	7,939	2,302	166.81	7,939	6,431
166.30	7,939	2,382	166.82	7,939	6,510
166.31	7,939	2,461	166.83	7,939	6,589
166.32	7,939	2,540	166.84	7,939	6,669
166.33	7,939	2,620	166.85	7,939	6,748
166.34	7,939	2,699	166.86	7,939	6,828
166.35	7,939	2,779	166.87	7,939	6,907
166.36	7,939	2,858	166.88	7,939	6,986
166.37	7,939	2,937	166.89	7,939	7,066
166.38	7,939	3,017	166.90	7,939	7,145
166.39	7,939	3,096	166.91	7,939	7,224
166.40	7,939	3,176	166.92	7,939	7,304
166.41	7,939	3,255	166.93	7,939	7,383
166.42	7,939	3,334	166.94	7,939	7,463
166.43	7,939	3,414	166.95	7,939	7,542
166.44	7,939	3,493	166.96	7,939	7,621
166.45	7,939	3,573	166.97	7,939	7,701
166.46	7,939	3,652	166.98	7,939	7,780
166.47	7,939	3,731	166.99	7,939	7,860
166.48	7,939	3,811	167.00	7,939	7,939
166.49	7,939	3,890	167.01	7,939	8,018
166.50	7,939	3,970	167.02	7,939	8,098
166.51	7,939	4,049	167.03	7,939	8,177

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,939	8,257	167.56	7,939	12,385
167.05	7,939	8,336	167.57	7,939	12,464
167.06	7,939	8,415	167.58	7,939	12,544
167.07	7,939	8,495	167.59	7,939	12,623
167.08	7,939	8,574	167.60	7,939	12,702
167.09	7,939	8,654	167.61	7,939	12,782
167.10	7,939	8,733	167.62	7,939	12,861
167.11	7,939	8,812	167.63	7,939	12,941
167.12	7,939	8,892	167.64	7,939	13,020
167.13	7,939	8,971	167.65	7,939	13,099
167.14	7,939	9,050	167.66	7,939	13,179
167.15	7,939	9,130	167.67	7,939	13,258
167.16	7,939	9,209	167.68	7,939	13,338
167.17	7,939	9,289	167.69	7,939	13,417
167.18	7,939	9,368	167.70	7,939	13,496
167.19	7,939	9,447	167.71	7,939	13,576
167.20	7,939	9,527	167.72	7,939	13,655
167.21	7,939	9,606	167.73	7,939	13,734
167.22	7,939	9,686	167.74	7,939	13,814
167.23	7,939	9,765	167.75	7,939	13,893
167.24	7,939	9,844	167.76	7,939	13,973
167.25	7,939	9,924	167.77	7,939	14,052
167.26	7,939	10,003	167.78	7,939	14,131
167.27	7,939	10,083	167.79	7,939	14,211
167.28	7,939	10,162	167.80	7,939	14,290
167.29	7,939	10,241	167.81	7,939	14,370
167.30	7,939	10,321	167.82	7,939	14,449
167.31	7,939	10,400	167.83	7,939	14,528
167.32	7,939	10,479	167.84	7,939	14,608
167.33	7,939	10,559	167.85	7,939	14,687
167.34	7,939	10,638	167.86	7,939	14,767
167.35	7,939	10,718	167.87	7,939	14,846
167.36	7,939	10,797	167.88	7,939	14,925
167.37	7,939	10,876	167.89	7,939	15,005
167.38	7,939	10,956	167.90	7,939	15,084
167.39	7,939	11,035	167.91	7,939	15,163
167.40	7,939	11,115	167.92	7,939	15,243
167.41	7,939	11,194	167.93	7,939	15,322
167.42	7,939	11,273	167.94	7,939	15,402
167.43	7,939	11,353	167.95	7,939	15,481
167.44	7,939	11,432	167.96	7,939	15,560
167.45	7,939	11,512	167.97	7,939	15,640
167.46	7,939	11,591	167.98	7,939	15,719
167.47	7,939	11,670	167.99	7,939	15,799
167.48	7,939	11,750	168.00	7,939	15,878
167.49	7,939	11,829	168.01	7,939	15,957
167.50	7,939	11,909	168.02	7,939	16,037
167.51	7,939	11,988	168.03	7,939	16,116
167.52	7,939	12,067	168.04	7,939	16,196
167.53	7,939	12,147	168.05	7,939	16,275
167.54	7,939	12,226	168.06	7,939	16,354
167.55	7,939	12,305	168.07	7,939	16,434

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,939	16,513	168.60	7,939	20,641
168.09	7,939	16,593	168.61	7,939	20,721
168.10	7,939	16,672	168.62	7,939	20,800
168.11	7,939	16,751	168.63	7,939	20,880
168.12	7,939	16,831	168.64	7,939	20,959
168.13	7,939	16,910	168.65	7,939	21,038
168.14	7,939	16,989	168.66	7,939	21,118
168.15	7,939	17,069	168.67	7,939	21,197
168.16	7,939	17,148	168.68	7,939	21,277
168.17	7,939	17,228	168.69	7,939	21,356
168.18	7,939	17,307	168.70	7,939	21,435
168.19	7,939	17,386	168.71	7,939	21,515
168.20	7,939	17,466	168.72	7,939	21,594
168.21	7,939	17,545	168.73	7,939	21,673
168.22	7,939	17,625	168.74	7,939	21,753
168.23	7,939	17,704	168.75	7,939	21,832
168.24	7,939	17,783	168.76	7,939	21,912
168.25	7,939	17,863	168.77	7,939	21,991
168.26	7,939	17,942	168.78	7,939	22,070
168.27	7,939	18,022	168.79	7,939	22,150
168.28	7,939	18,101	168.80	7,939	22,229
168.29	7,939	18,180	168.81	7,939	22,309
168.30	7,939	18,260	168.82	7,939	22,388
168.31	7,939	18,339	168.83	7,939	22,467
168.32	7,939	18,418	168.84	7,939	22,547
168.33	7,939	18,498	168.85	7,939	22,626
168.34	7,939	18,577	168.86	7,939	22,706
168.35	7,939	18,657	168.87	7,939	22,785
168.36	7,939	18,736	168.88	7,939	22,864
168.37	7,939	18,815	168.89	7,939	22,944
168.38	7,939	18,895	168.90	7,939	23,023
168.39	7,939	18,974	168.91	7,939	23,102
168.40	7,939	19,054	168.92	7,939	23,182
168.41	7,939	19,133	168.93	7,939	23,261
168.42	7,939	19,212	168.94	7,939	23,341
168.43	7,939	19,292	168.95	7,939	23,420
168.44	7,939	19,371	168.96	7,939	23,499
168.45	7,939	19,451	168.97	7,939	23,579
168.46	7,939	19,530	168.98	7,939	23,658
168.47	7,939	19,609	168.99	7,939	23,738
168.48	7,939	19,689	169.00	7,939	23,817
168.49	7,939	19,768	169.01	7,939	23,896
168.50	7,939	19,848	169.02	7,939	23,976
168.51	7,939	19,927	169.03	7,939	24,055
168.52	7,939	20,006	169.04	7,939	24,135
168.53	7,939	20,086	169.05	7,939	24,214
168.54	7,939	20,165	169.06	7,939	24,293
168.55	7,939	20,244	169.07	7,939	24,373
168.56	7,939	20,324	169.08	7,939	24,452
168.57	7,939	20,403	169.09	7,939	24,532
168.58	7,939	20,483	169.10	7,939	24,611
168.59	7,939	20,562	169.11	7,939	24,690

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,939	24,770	169.64	7,939	28,898
169.13	7,939	24,849	169.65	7,939	28,977
169.14	7,939	24,928	169.66	7,939	29,057
169.15	7,939	25,008	169.67	7,939	29,136
169.16	7,939	25,087	169.68	7,939	29,216
169.17	7,939	25,167	169.69	7,939	29,295
169.18	7,939	25,246	169.70	7,939	29,374
169.19	7,939	25,325	169.71	7,939	29,454
169.20	7,939	25,405	169.72	7,939	29,533
169.21	7,939	25,484	169.73	7,939	29,612
169.22	7,939	25,564	169.74	7,939	29,692
169.23	7,939	25,643	169.75	7,939	29,771
169.24	7,939	25,722	169.76	7,939	29,851
169.25	7,939	25,802	169.77	7,939	29,930
169.26	7,939	25,881	169.78	7,939	30,009
169.27	7,939	25,961	169.79	7,939	30,089
169.28	7,939	26,040	169.80	7,939	30,168
169.29	7,939	26,119	169.81	7,939	30,248
169.30	7,939	26,199	169.82	7,939	30,327
169.31	7,939	26,278	169.83	7,939	30,406
169.32	7,939	26,357	169.84	7,939	30,486
169.33	7,939	26,437	169.85	7,939	30,565
169.34	7,939	26,516	169.86	7,939	30,645
169.35	7,939	26,596	169.87	7,939	30,724
169.36	7,939	26,675	169.88	7,939	30,803
169.37	7,939	26,754	169.89	7,939	30,883
169.38	7,939	26,834	169.90	7,939	30,962
169.39	7,939	26,913	169.91	7,939	31,041
169.40	7,939	26,993	169.92	7,939	31,121
169.41	7,939	27,072	169.93	7,939	31,200
169.42	7,939	27,151	169.94	7,939	31,280
169.43	7,939	27,231	169.95	7,939	31,359
169.44	7,939	27,310	169.96	7,939	31,438
169.45	7,939	27,390	169.97	7,939	31,518
169.46	7,939	27,469	169.98	7,939	31,597
169.47	7,939	27,548	169.99	7,939	31,677
169.48	7,939	27,628	170.00	7,939	31,756
169.49	7,939	27,707			
169.50	7,939	27,787			
169.51	7,939	27,866			
169.52	7,939	27,945			
169.53	7,939	28,025			
169.54	7,939	28,104			
169.55	7,939	28,183			
169.56	7,939	28,263			
169.57	7,939	28,342			
169.58	7,939	28,422			
169.59	7,939	28,501			
169.60	7,939	28,580			
169.61	7,939	28,660			
169.62	7,939	28,739			
169.63	7,939	28,819			

Summary for Pond B-45: Basin #45

Inflow Area = 2.294 ac, 62.82% Impervious, Inflow Depth = 7.13" for Current 100 yr event
 Inflow = 19.08 cfs @ 12.10 hrs, Volume= 1.363 af
 Outflow = 11.60 cfs @ 12.20 hrs, Volume= 1.227 af, Atten= 39%, Lag= 5.5 min
 Primary = 11.60 cfs @ 12.20 hrs, Volume= 1.227 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 169.19' @ 12.20 hrs Surf.Area= 7,365 sf Storage= 23,490 cf

Plug-Flow detention time= 191.2 min calculated for 1.227 af (90% of inflow)
 Center-of-Mass det. time= 139.1 min (900.1 - 761.0)

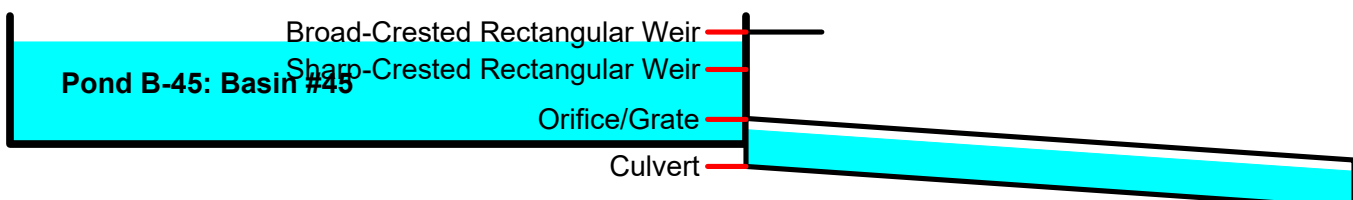
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	29,460 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

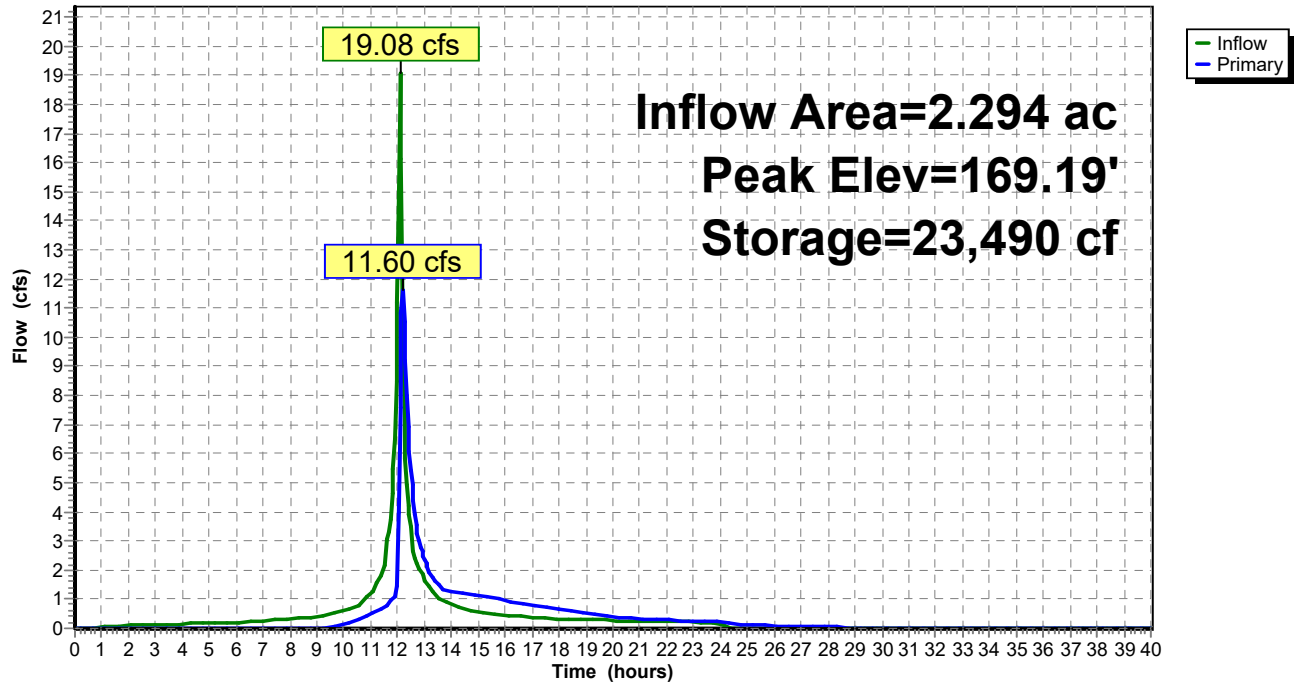
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,365	0	0
167.00	7,365	7,365	7,365
168.00	7,365	7,365	14,730
169.00	7,365	7,365	22,095
170.00	7,365	7,365	29,460

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0325 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.77'	6.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	168.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=11.53 cfs @ 12.20 hrs HW=169.19' (Free Discharge)

1=Culvert (Passes 11.53 cfs of 15.07 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.62 cfs @ 7.05 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 9.91 cfs @ 3.02 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-45: Basin #45**Hydrograph**

Hydrograph for Pond B-45: Basin #45

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.01	2	166.00	0.00
0.70	0.02	7	166.00	0.00
0.80	0.03	15	166.00	0.00
0.90	0.04	27	166.00	0.00
1.00	0.04	41	166.01	0.00
1.10	0.05	58	166.01	0.00
1.20	0.06	78	166.01	0.00
1.30	0.06	99	166.01	0.00
1.40	0.07	123	166.02	0.00
1.50	0.07	149	166.02	0.00
1.60	0.08	177	166.02	0.00
1.70	0.08	206	166.03	0.00
1.80	0.09	237	166.03	0.00
1.90	0.09	270	166.04	0.00
2.00	0.10	304	166.04	0.00
2.10	0.10	340	166.05	0.00
2.20	0.10	376	166.05	0.00
2.30	0.11	414	166.06	0.00
2.40	0.11	454	166.06	0.00
2.50	0.11	494	166.07	0.00
2.60	0.12	536	166.07	0.00
2.70	0.12	578	166.08	0.00
2.80	0.12	622	166.08	0.00
2.90	0.13	666	166.09	0.00
3.00	0.13	712	166.10	0.00
3.10	0.13	758	166.10	0.00
3.20	0.13	806	166.11	0.00
3.30	0.14	854	166.12	0.00
3.40	0.14	903	166.12	0.00
3.50	0.14	953	166.13	0.00
3.60	0.14	1,004	166.14	0.00
3.70	0.14	1,055	166.14	0.00
3.80	0.15	1,107	166.15	0.00
3.90	0.15	1,160	166.16	0.00
4.00	0.15	1,214	166.16	0.00
4.10	0.15	1,268	166.17	0.00
4.20	0.15	1,324	166.18	0.00
4.30	0.16	1,380	166.19	0.00
4.40	0.16	1,436	166.20	0.00
4.50	0.16	1,493	166.20	0.00
4.60	0.16	1,551	166.21	0.00
4.70	0.16	1,610	166.22	0.00
4.80	0.17	1,669	166.23	0.00
4.90	0.17	1,729	166.23	0.00
5.00	0.17	1,789	166.24	0.00
5.10	0.17	1,850	166.25	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.17	1,912	166.26	0.00
5.30	0.17	1,974	166.27	0.00
5.40	0.18	2,037	166.28	0.00
5.50	0.18	2,100	166.29	0.00
5.60	0.18	2,164	166.29	0.00
5.70	0.18	2,229	166.30	0.00
5.80	0.18	2,294	166.31	0.00
5.90	0.18	2,360	166.32	0.00
6.00	0.18	2,426	166.33	0.00
6.10	0.19	2,493	166.34	0.00
6.20	0.19	2,562	166.35	0.00
6.30	0.20	2,633	166.36	0.00
6.40	0.21	2,706	166.37	0.00
6.50	0.21	2,780	166.38	0.00
6.60	0.22	2,858	166.39	0.00
6.70	0.22	2,937	166.40	0.00
6.80	0.23	3,019	166.41	0.00
6.90	0.24	3,102	166.42	0.00
7.00	0.24	3,189	166.43	0.00
7.10	0.25	3,277	166.44	0.00
7.20	0.26	3,368	166.46	0.00
7.30	0.26	3,462	166.47	0.00
7.40	0.27	3,557	166.48	0.00
7.50	0.28	3,656	166.50	0.00
7.60	0.28	3,756	166.51	0.00
7.70	0.29	3,859	166.52	0.00
7.80	0.30	3,965	166.54	0.00
7.90	0.30	4,073	166.55	0.00
8.00	0.31	4,183	166.57	0.00
8.10	0.32	4,297	166.58	0.00
8.20	0.33	4,412	166.60	0.00
8.30	0.33	4,530	166.62	0.00
8.40	0.34	4,651	166.63	0.00
8.50	0.35	4,775	166.65	0.00
8.60	0.35	4,901	166.67	0.00
8.70	0.36	5,029	166.68	0.00
8.80	0.37	5,161	166.70	0.00
8.90	0.38	5,295	166.72	0.00
9.00	0.38	5,432	166.74	0.00
9.10	0.40	5,573	166.76	0.00
9.20	0.43	5,722	166.78	0.00
9.30	0.45	5,879	166.80	0.00
9.40	0.47	6,043	166.82	0.01
9.50	0.50	6,212	166.84	0.02
9.60	0.52	6,387	166.87	0.03
9.70	0.55	6,565	166.89	0.05
9.80	0.57	6,746	166.92	0.07
9.90	0.60	6,928	166.94	0.09
10.00	0.62	7,111	166.97	0.11
10.10	0.65	7,293	166.99	0.14
10.20	0.67	7,475	167.01	0.17
10.30	0.70	7,655	167.04	0.20

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.73	7,832	167.06	0.24
10.50	0.75	8,008	167.09	0.27
10.60	0.83	8,188	167.11	0.31
10.70	0.92	8,386	167.14	0.35
10.80	1.02	8,603	167.17	0.39
10.90	1.11	8,837	167.20	0.44
11.00	1.21	9,088	167.23	0.49
11.10	1.37	9,367	167.27	0.54
11.20	1.55	9,691	167.32	0.58
11.30	1.74	10,063	167.37	0.63
11.40	1.93	10,484	167.42	0.69
11.50	2.09	10,949	167.49	0.74
11.60	3.07	11,580	167.57	0.81
11.70	3.48	12,461	167.69	0.90
11.80	4.63	13,563	167.84	0.99
11.90	6.53	15,173	168.06	1.12
12.00	11.17	17,825	168.42	1.66
12.10	19.04	21,653	168.94	7.57
12.20	9.89	23,488	169.19	11.60
12.30	5.83	22,437	169.05	9.22
12.40	4.18	21,338	168.90	6.94
12.50	3.75	20,542	168.79	5.45
12.60	2.65	19,938	168.71	4.41
12.70	2.29	19,391	168.63	3.55
12.80	2.09	19,006	168.58	3.00
12.90	1.90	18,716	168.54	2.62
13.00	1.70	18,476	168.51	2.33
13.10	1.50	18,260	168.48	2.08
13.20	1.38	18,066	168.45	1.88
13.30	1.27	17,896	168.43	1.72
13.40	1.17	17,740	168.41	1.59
13.50	1.06	17,591	168.39	1.48
13.60	0.96	17,440	168.37	1.38
13.70	0.91	17,294	168.35	1.31
13.80	0.89	17,156	168.33	1.26
13.90	0.86	17,019	168.31	1.25
14.00	0.83	16,875	168.29	1.24
14.10	0.80	16,724	168.27	1.23
14.20	0.78	16,568	168.25	1.22
14.30	0.75	16,406	168.23	1.21
14.40	0.72	16,238	168.20	1.20
14.50	0.69	16,064	168.18	1.18
14.60	0.67	15,885	168.16	1.17
14.70	0.64	15,700	168.13	1.16
14.80	0.61	15,510	168.11	1.15
14.90	0.58	15,316	168.08	1.13
15.00	0.55	15,116	168.05	1.12
15.10	0.53	14,912	168.02	1.10
15.20	0.52	14,706	168.00	1.08
15.30	0.51	14,503	167.97	1.07
15.40	0.50	14,303	167.94	1.05
15.50	0.49	14,106	167.92	1.04

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.49	13,912	167.89	1.02
15.70	0.48	13,721	167.86	1.01
15.80	0.47	13,533	167.84	0.99
15.90	0.47	13,348	167.81	0.97
16.00	0.46	13,166	167.79	0.96
16.10	0.45	12,987	167.76	0.94
16.20	0.44	12,812	167.74	0.93
16.30	0.43	12,639	167.72	0.91
16.40	0.43	12,469	167.69	0.90
16.50	0.42	12,302	167.67	0.88
16.60	0.41	12,138	167.65	0.86
16.70	0.41	11,977	167.63	0.85
16.80	0.40	11,819	167.60	0.83
16.90	0.39	11,664	167.58	0.82
17.00	0.38	11,513	167.56	0.80
17.10	0.38	11,364	167.54	0.79
17.20	0.37	11,218	167.52	0.77
17.30	0.36	11,075	167.50	0.75
17.40	0.35	10,935	167.48	0.74
17.50	0.35	10,798	167.47	0.72
17.60	0.34	10,664	167.45	0.71
17.70	0.33	10,533	167.43	0.69
17.80	0.33	10,405	167.41	0.68
17.90	0.32	10,280	167.40	0.66
18.00	0.31	10,158	167.38	0.65
18.10	0.30	10,039	167.36	0.63
18.20	0.30	9,924	167.35	0.61
18.30	0.30	9,813	167.33	0.60
18.40	0.30	9,707	167.32	0.58
18.50	0.29	9,605	167.30	0.57
18.60	0.29	9,508	167.29	0.56
18.70	0.29	9,414	167.28	0.54
18.80	0.29	9,325	167.27	0.53
18.90	0.29	9,241	167.25	0.51
19.00	0.29	9,161	167.24	0.50
19.10	0.28	9,086	167.23	0.49
19.20	0.28	9,015	167.22	0.47
19.30	0.28	8,948	167.21	0.46
19.40	0.28	8,885	167.21	0.45
19.50	0.28	8,826	167.20	0.44
19.60	0.27	8,770	167.19	0.42
19.70	0.27	8,718	167.18	0.41
19.80	0.27	8,669	167.18	0.40
19.90	0.27	8,623	167.17	0.39
20.00	0.27	8,579	167.16	0.38
20.10	0.26	8,537	167.16	0.38
20.20	0.26	8,498	167.15	0.37
20.30	0.26	8,461	167.15	0.36
20.40	0.26	8,427	167.14	0.35
20.50	0.26	8,393	167.14	0.35
20.60	0.26	8,362	167.14	0.34
20.70	0.25	8,333	167.13	0.33

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.25	8,305	167.13	0.33
20.90	0.25	8,278	167.12	0.32
21.00	0.25	8,252	167.12	0.32
21.10	0.25	8,227	167.12	0.31
21.20	0.24	8,204	167.11	0.31
21.30	0.24	8,182	167.11	0.30
21.40	0.24	8,160	167.11	0.30
21.50	0.24	8,140	167.11	0.30
21.60	0.24	8,120	167.10	0.29
21.70	0.24	8,100	167.10	0.29
21.80	0.23	8,082	167.10	0.28
21.90	0.23	8,064	167.09	0.28
22.00	0.23	8,047	167.09	0.28
22.10	0.23	8,030	167.09	0.27
22.20	0.23	8,014	167.09	0.27
22.30	0.22	7,999	167.09	0.27
22.40	0.22	7,983	167.08	0.26
22.50	0.22	7,968	167.08	0.26
22.60	0.22	7,954	167.08	0.26
22.70	0.22	7,940	167.08	0.26
22.80	0.21	7,926	167.08	0.25
22.90	0.21	7,912	167.07	0.25
23.00	0.21	7,899	167.07	0.25
23.10	0.21	7,886	167.07	0.25
23.20	0.21	7,873	167.07	0.24
23.30	0.21	7,860	167.07	0.24
23.40	0.20	7,848	167.07	0.24
23.50	0.20	7,836	167.06	0.24
23.60	0.20	7,823	167.06	0.23
23.70	0.20	7,811	167.06	0.23
23.80	0.20	7,800	167.06	0.23
23.90	0.19	7,788	167.06	0.23
24.00	0.23	7,782	167.06	0.23
24.10	0.04	7,755	167.05	0.22
24.20	0.00	7,684	167.04	0.21
24.30	0.00	7,611	167.03	0.19
24.40	0.00	7,544	167.02	0.18
24.50	0.00	7,480	167.02	0.17
24.60	0.00	7,420	167.01	0.16
24.70	0.00	7,363	167.00	0.15
24.80	0.00	7,310	166.99	0.14
24.90	0.00	7,260	166.99	0.14
25.00	0.00	7,212	166.98	0.13
25.10	0.00	7,167	166.97	0.12
25.20	0.00	7,124	166.97	0.12
25.30	0.00	7,084	166.96	0.11
25.40	0.00	7,046	166.96	0.10
25.50	0.00	7,009	166.95	0.10
25.60	0.00	6,974	166.95	0.09
25.70	0.00	6,941	166.94	0.09
25.80	0.00	6,909	166.94	0.09
25.90	0.00	6,879	166.93	0.08

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,850	166.93	0.08
26.10	0.00	6,823	166.93	0.07
26.20	0.00	6,796	166.92	0.07
26.30	0.00	6,771	166.92	0.07
26.40	0.00	6,747	166.92	0.07
26.50	0.00	6,724	166.91	0.06
26.60	0.00	6,702	166.91	0.06
26.70	0.00	6,680	166.91	0.06
26.80	0.00	6,660	166.90	0.06
26.90	0.00	6,640	166.90	0.05
27.00	0.00	6,620	166.90	0.05
27.10	0.00	6,602	166.90	0.05
27.20	0.00	6,584	166.89	0.05
27.30	0.00	6,567	166.89	0.05
27.40	0.00	6,550	166.89	0.05
27.50	0.00	6,534	166.89	0.04
27.60	0.00	6,519	166.89	0.04
27.70	0.00	6,504	166.88	0.04
27.80	0.00	6,490	166.88	0.04
27.90	0.00	6,476	166.88	0.04
28.00	0.00	6,463	166.88	0.04
28.10	0.00	6,450	166.88	0.04
28.20	0.00	6,437	166.87	0.03
28.30	0.00	6,425	166.87	0.03
28.40	0.00	6,413	166.87	0.03
28.50	0.00	6,402	166.87	0.03
28.60	0.00	6,390	166.87	0.03
28.70	0.00	6,379	166.87	0.03
28.80	0.00	6,369	166.86	0.03
28.90	0.00	6,358	166.86	0.03
29.00	0.00	6,348	166.86	0.03
29.10	0.00	6,338	166.86	0.03
29.20	0.00	6,328	166.86	0.03
29.30	0.00	6,319	166.86	0.03
29.40	0.00	6,310	166.86	0.02
29.50	0.00	6,301	166.86	0.02
29.60	0.00	6,292	166.85	0.02
29.70	0.00	6,284	166.85	0.02
29.80	0.00	6,276	166.85	0.02
29.90	0.00	6,268	166.85	0.02
30.00	0.00	6,260	166.85	0.02
30.10	0.00	6,253	166.85	0.02
30.20	0.00	6,245	166.85	0.02
30.30	0.00	6,238	166.85	0.02
30.40	0.00	6,231	166.85	0.02
30.50	0.00	6,224	166.85	0.02
30.60	0.00	6,218	166.84	0.02
30.70	0.00	6,211	166.84	0.02
30.80	0.00	6,205	166.84	0.02
30.90	0.00	6,199	166.84	0.02
31.00	0.00	6,193	166.84	0.02
31.10	0.00	6,187	166.84	0.02

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,182	166.84	0.02
31.30	0.00	6,176	166.84	0.02
31.40	0.00	6,171	166.84	0.02
31.50	0.00	6,165	166.84	0.01
31.60	0.00	6,160	166.84	0.01
31.70	0.00	6,155	166.84	0.01
31.80	0.00	6,150	166.83	0.01
31.90	0.00	6,145	166.83	0.01
32.00	0.00	6,140	166.83	0.01
32.10	0.00	6,135	166.83	0.01
32.20	0.00	6,130	166.83	0.01
32.30	0.00	6,125	166.83	0.01
32.40	0.00	6,121	166.83	0.01
32.50	0.00	6,116	166.83	0.01
32.60	0.00	6,111	166.83	0.01
32.70	0.00	6,107	166.83	0.01
32.80	0.00	6,103	166.83	0.01
32.90	0.00	6,098	166.83	0.01
33.00	0.00	6,094	166.83	0.01
33.10	0.00	6,090	166.83	0.01
33.20	0.00	6,086	166.83	0.01
33.30	0.00	6,082	166.83	0.01
33.40	0.00	6,078	166.83	0.01
33.50	0.00	6,074	166.82	0.01
33.60	0.00	6,070	166.82	0.01
33.70	0.00	6,066	166.82	0.01
33.80	0.00	6,062	166.82	0.01
33.90	0.00	6,059	166.82	0.01
34.00	0.00	6,055	166.82	0.01
34.10	0.00	6,051	166.82	0.01
34.20	0.00	6,048	166.82	0.01
34.30	0.00	6,044	166.82	0.01
34.40	0.00	6,041	166.82	0.01
34.50	0.00	6,038	166.82	0.01
34.60	0.00	6,034	166.82	0.01
34.70	0.00	6,031	166.82	0.01
34.80	0.00	6,028	166.82	0.01
34.90	0.00	6,025	166.82	0.01
35.00	0.00	6,022	166.82	0.01
35.10	0.00	6,019	166.82	0.01
35.20	0.00	6,016	166.82	0.01
35.30	0.00	6,013	166.82	0.01
35.40	0.00	6,010	166.82	0.01
35.50	0.00	6,007	166.82	0.01
35.60	0.00	6,004	166.82	0.01
35.70	0.00	6,001	166.81	0.01
35.80	0.00	5,998	166.81	0.01
35.90	0.00	5,996	166.81	0.01
36.00	0.00	5,993	166.81	0.01
36.10	0.00	5,990	166.81	0.01
36.20	0.00	5,988	166.81	0.01
36.30	0.00	5,985	166.81	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,983	166.81	0.01
36.50	0.00	5,980	166.81	0.01
36.60	0.00	5,978	166.81	0.01
36.70	0.00	5,976	166.81	0.01
36.80	0.00	5,973	166.81	0.01
36.90	0.00	5,971	166.81	0.01
37.00	0.00	5,969	166.81	0.01
37.10	0.00	5,966	166.81	0.01
37.20	0.00	5,964	166.81	0.01
37.30	0.00	5,962	166.81	0.01
37.40	0.00	5,960	166.81	0.01
37.50	0.00	5,958	166.81	0.01
37.60	0.00	5,956	166.81	0.01
37.70	0.00	5,954	166.81	0.01
37.80	0.00	5,952	166.81	0.01
37.90	0.00	5,950	166.81	0.01
38.00	0.00	5,948	166.81	0.01
38.10	0.00	5,946	166.81	0.01
38.20	0.00	5,944	166.81	0.01
38.30	0.00	5,942	166.81	0.01
38.40	0.00	5,940	166.81	0.01
38.50	0.00	5,938	166.81	0.00
38.60	0.00	5,937	166.81	0.00
38.70	0.00	5,935	166.81	0.00
38.80	0.00	5,933	166.81	0.00
38.90	0.00	5,931	166.81	0.00
39.00	0.00	5,930	166.81	0.00
39.10	0.00	5,928	166.80	0.00
39.20	0.00	5,927	166.80	0.00
39.30	0.00	5,925	166.80	0.00
39.40	0.00	5,923	166.80	0.00
39.50	0.00	5,922	166.80	0.00
39.60	0.00	5,920	166.80	0.00
39.70	0.00	5,919	166.80	0.00
39.80	0.00	5,917	166.80	0.00
39.90	0.00	5,916	166.80	0.00
40.00	0.00	5,914	166.80	0.00

Stage-Discharge for Pond B-45: Basin #45

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.20	167.56	0.80
166.01	0.00	166.53	0.00	167.05	0.22	167.57	0.81
166.02	0.00	166.54	0.00	167.06	0.23	167.58	0.81
166.03	0.00	166.55	0.00	167.07	0.24	167.59	0.82
166.04	0.00	166.56	0.00	167.08	0.26	167.60	0.83
166.05	0.00	166.57	0.00	167.09	0.27	167.61	0.84
166.06	0.00	166.58	0.00	167.10	0.29	167.62	0.84
166.07	0.00	166.59	0.00	167.11	0.30	167.63	0.85
166.08	0.00	166.60	0.00	167.12	0.32	167.64	0.86
166.09	0.00	166.61	0.00	167.13	0.33	167.65	0.87
166.10	0.00	166.62	0.00	167.14	0.35	167.66	0.87
166.11	0.00	166.63	0.00	167.15	0.36	167.67	0.88
166.12	0.00	166.64	0.00	167.16	0.38	167.68	0.89
166.13	0.00	166.65	0.00	167.17	0.39	167.69	0.89
166.14	0.00	166.66	0.00	167.18	0.41	167.70	0.90
166.15	0.00	166.67	0.00	167.19	0.42	167.71	0.91
166.16	0.00	166.68	0.00	167.20	0.44	167.72	0.91
166.17	0.00	166.69	0.00	167.21	0.45	167.73	0.92
166.18	0.00	166.70	0.00	167.22	0.47	167.74	0.93
166.19	0.00	166.71	0.00	167.23	0.48	167.75	0.93
166.20	0.00	166.72	0.00	167.24	0.50	167.76	0.94
166.21	0.00	166.73	0.00	167.25	0.51	167.77	0.95
166.22	0.00	166.74	0.00	167.26	0.52	167.78	0.95
166.23	0.00	166.75	0.00	167.27	0.54	167.79	0.96
166.24	0.00	166.76	0.00	167.28	0.55	167.80	0.97
166.25	0.00	166.77	0.00	167.29	0.56	167.81	0.97
166.26	0.00	166.78	0.00	167.30	0.57	167.82	0.98
166.27	0.00	166.79	0.00	167.31	0.58	167.83	0.99
166.28	0.00	166.80	0.00	167.32	0.59	167.84	0.99
166.29	0.00	166.81	0.01	167.33	0.60	167.85	1.00
166.30	0.00	166.82	0.01	167.34	0.61	167.86	1.00
166.31	0.00	166.83	0.01	167.35	0.62	167.87	1.01
166.32	0.00	166.84	0.02	167.36	0.63	167.88	1.02
166.33	0.00	166.85	0.02	167.37	0.64	167.89	1.02
166.34	0.00	166.86	0.03	167.38	0.65	167.90	1.03
166.35	0.00	166.87	0.03	167.39	0.66	167.91	1.03
166.36	0.00	166.88	0.04	167.40	0.66	167.92	1.04
166.37	0.00	166.89	0.04	167.41	0.67	167.93	1.05
166.38	0.00	166.90	0.05	167.42	0.68	167.94	1.05
166.39	0.00	166.91	0.06	167.43	0.69	167.95	1.06
166.40	0.00	166.92	0.07	167.44	0.70	167.96	1.06
166.41	0.00	166.93	0.08	167.45	0.71	167.97	1.07
166.42	0.00	166.94	0.09	167.46	0.72	167.98	1.08
166.43	0.00	166.95	0.10	167.47	0.73	167.99	1.08
166.44	0.00	166.96	0.11	167.48	0.74	168.00	1.09
166.45	0.00	166.97	0.12	167.49	0.74	168.01	1.09
166.46	0.00	166.98	0.13	167.50	0.75	168.02	1.10
166.47	0.00	166.99	0.14	167.51	0.76	168.03	1.10
166.48	0.00	167.00	0.15	167.52	0.77	168.04	1.11
166.49	0.00	167.01	0.16	167.53	0.78	168.05	1.11
166.50	0.00	167.02	0.18	167.54	0.78	168.06	1.12
166.51	0.00	167.03	0.19	167.55	0.79	168.07	1.13

Stage-Discharge for Pond B-45: Basin #45 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	1.13	168.60	3.20	169.12	10.42	169.64	22.29
168.09	1.14	168.61	3.30	169.13	10.59	169.65	22.99
168.10	1.14	168.62	3.41	169.14	10.76	169.66	23.71
168.11	1.15	168.63	3.52	169.15	10.93	169.67	24.46
168.12	1.15	168.64	3.63	169.16	11.10	169.68	25.22
168.13	1.16	168.65	3.74	169.17	11.27	169.69	26.01
168.14	1.16	168.66	3.85	169.18	11.44	169.70	26.82
168.15	1.17	168.67	3.97	169.19	11.61	169.71	27.69
168.16	1.17	168.68	4.08	169.20	11.78	169.72	28.58
168.17	1.18	168.69	4.20	169.21	11.96	169.73	29.50
168.18	1.18	168.70	4.32	169.22	12.13	169.74	30.45
168.19	1.19	168.71	4.44	169.23	12.31	169.75	31.42
168.20	1.19	168.72	4.56	169.24	12.48	169.76	32.42
168.21	1.20	168.73	4.68	169.25	12.66	169.77	33.44
168.22	1.20	168.74	4.81	169.26	12.84	169.78	34.48
168.23	1.21	168.75	4.94	169.27	13.02	169.79	35.55
168.24	1.22	168.76	5.06	169.28	13.20	169.80	36.65
168.25	1.22	168.77	5.19	169.29	13.38	169.81	37.76
168.26	1.23	168.78	5.32	169.30	13.56	169.82	38.91
168.27	1.23	168.79	5.45	169.31	13.74	169.83	40.08
168.28	1.24	168.80	5.59	169.32	13.92	169.84	41.27
168.29	1.24	168.81	5.72	169.33	14.10	169.85	42.48
168.30	1.25	168.82	5.86	169.34	14.29	169.86	43.72
168.31	1.25	168.83	5.99	169.35	14.47	169.87	44.99
168.32	1.25	168.84	6.13	169.36	14.66	169.88	46.28
168.33	1.26	168.85	6.27	169.37	14.84	169.89	47.59
168.34	1.28	168.86	6.41	169.38	15.03	169.90	48.93
168.35	1.31	168.87	6.55	169.39	15.22	169.91	50.31
168.36	1.34	168.88	6.69	169.40	15.41	169.92	51.73
168.37	1.38	168.89	6.84	169.41	15.60	169.93	53.17
168.38	1.43	168.90	6.98	169.42	15.62	169.94	54.63
168.39	1.48	168.91	7.13	169.43	15.64	169.95	56.12
168.40	1.53	168.92	7.27	169.44	15.67	169.96	57.64
168.41	1.59	168.93	7.42	169.45	15.69	169.97	59.19
168.42	1.65	168.94	7.57	169.46	15.71	169.98	60.76
168.43	1.72	168.95	7.72	169.47	15.74	169.99	62.35
168.44	1.79	168.96	7.87	169.48	15.76	170.00	63.98
168.45	1.86	168.97	8.02	169.49	15.78		
168.46	1.93	168.98	8.18	169.50	15.80		
168.47	2.01	168.99	8.33	169.51	15.94		
168.48	2.09	169.00	8.49	169.52	16.18		
168.49	2.17	169.01	8.64	169.53	16.48		
168.50	2.25	169.02	8.80	169.54	16.83		
168.51	2.33	169.03	8.96	169.55	17.23		
168.52	2.42	169.04	9.12	169.56	17.67		
168.53	2.51	169.05	9.28	169.57	18.14		
168.54	2.60	169.06	9.44	169.58	18.64		
168.55	2.70	169.07	9.60	169.59	19.18		
168.56	2.79	169.08	9.76	169.60	19.75		
168.57	2.89	169.09	9.93	169.61	20.35		
168.58	2.99	169.10	10.09	169.62	20.97		
168.59	3.09	169.11	10.26	169.63	21.62		

Stage-Area-Storage for Pond B-45: Basin #45

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,365	0	166.52	7,365	3,830
166.01	7,365	74	166.53	7,365	3,903
166.02	7,365	147	166.54	7,365	3,977
166.03	7,365	221	166.55	7,365	4,051
166.04	7,365	295	166.56	7,365	4,124
166.05	7,365	368	166.57	7,365	4,198
166.06	7,365	442	166.58	7,365	4,272
166.07	7,365	516	166.59	7,365	4,345
166.08	7,365	589	166.60	7,365	4,419
166.09	7,365	663	166.61	7,365	4,493
166.10	7,365	736	166.62	7,365	4,566
166.11	7,365	810	166.63	7,365	4,640
166.12	7,365	884	166.64	7,365	4,714
166.13	7,365	957	166.65	7,365	4,787
166.14	7,365	1,031	166.66	7,365	4,861
166.15	7,365	1,105	166.67	7,365	4,935
166.16	7,365	1,178	166.68	7,365	5,008
166.17	7,365	1,252	166.69	7,365	5,082
166.18	7,365	1,326	166.70	7,365	5,155
166.19	7,365	1,399	166.71	7,365	5,229
166.20	7,365	1,473	166.72	7,365	5,303
166.21	7,365	1,547	166.73	7,365	5,376
166.22	7,365	1,620	166.74	7,365	5,450
166.23	7,365	1,694	166.75	7,365	5,524
166.24	7,365	1,768	166.76	7,365	5,597
166.25	7,365	1,841	166.77	7,365	5,671
166.26	7,365	1,915	166.78	7,365	5,745
166.27	7,365	1,989	166.79	7,365	5,818
166.28	7,365	2,062	166.80	7,365	5,892
166.29	7,365	2,136	166.81	7,365	5,966
166.30	7,365	2,210	166.82	7,365	6,039
166.31	7,365	2,283	166.83	7,365	6,113
166.32	7,365	2,357	166.84	7,365	6,187
166.33	7,365	2,430	166.85	7,365	6,260
166.34	7,365	2,504	166.86	7,365	6,334
166.35	7,365	2,578	166.87	7,365	6,408
166.36	7,365	2,651	166.88	7,365	6,481
166.37	7,365	2,725	166.89	7,365	6,555
166.38	7,365	2,799	166.90	7,365	6,629
166.39	7,365	2,872	166.91	7,365	6,702
166.40	7,365	2,946	166.92	7,365	6,776
166.41	7,365	3,020	166.93	7,365	6,849
166.42	7,365	3,093	166.94	7,365	6,923
166.43	7,365	3,167	166.95	7,365	6,997
166.44	7,365	3,241	166.96	7,365	7,070
166.45	7,365	3,314	166.97	7,365	7,144
166.46	7,365	3,388	166.98	7,365	7,218
166.47	7,365	3,462	166.99	7,365	7,291
166.48	7,365	3,535	167.00	7,365	7,365
166.49	7,365	3,609	167.01	7,365	7,439
166.50	7,365	3,683	167.02	7,365	7,512
166.51	7,365	3,756	167.03	7,365	7,586

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,365	7,660	167.56	7,365	11,489
167.05	7,365	7,733	167.57	7,365	11,563
167.06	7,365	7,807	167.58	7,365	11,637
167.07	7,365	7,881	167.59	7,365	11,710
167.08	7,365	7,954	167.60	7,365	11,784
167.09	7,365	8,028	167.61	7,365	11,858
167.10	7,365	8,101	167.62	7,365	11,931
167.11	7,365	8,175	167.63	7,365	12,005
167.12	7,365	8,249	167.64	7,365	12,079
167.13	7,365	8,322	167.65	7,365	12,152
167.14	7,365	8,396	167.66	7,365	12,226
167.15	7,365	8,470	167.67	7,365	12,300
167.16	7,365	8,543	167.68	7,365	12,373
167.17	7,365	8,617	167.69	7,365	12,447
167.18	7,365	8,691	167.70	7,365	12,520
167.19	7,365	8,764	167.71	7,365	12,594
167.20	7,365	8,838	167.72	7,365	12,668
167.21	7,365	8,912	167.73	7,365	12,741
167.22	7,365	8,985	167.74	7,365	12,815
167.23	7,365	9,059	167.75	7,365	12,889
167.24	7,365	9,133	167.76	7,365	12,962
167.25	7,365	9,206	167.77	7,365	13,036
167.26	7,365	9,280	167.78	7,365	13,110
167.27	7,365	9,354	167.79	7,365	13,183
167.28	7,365	9,427	167.80	7,365	13,257
167.29	7,365	9,501	167.81	7,365	13,331
167.30	7,365	9,575	167.82	7,365	13,404
167.31	7,365	9,648	167.83	7,365	13,478
167.32	7,365	9,722	167.84	7,365	13,552
167.33	7,365	9,795	167.85	7,365	13,625
167.34	7,365	9,869	167.86	7,365	13,699
167.35	7,365	9,943	167.87	7,365	13,773
167.36	7,365	10,016	167.88	7,365	13,846
167.37	7,365	10,090	167.89	7,365	13,920
167.38	7,365	10,164	167.90	7,365	13,994
167.39	7,365	10,237	167.91	7,365	14,067
167.40	7,365	10,311	167.92	7,365	14,141
167.41	7,365	10,385	167.93	7,365	14,214
167.42	7,365	10,458	167.94	7,365	14,288
167.43	7,365	10,532	167.95	7,365	14,362
167.44	7,365	10,606	167.96	7,365	14,435
167.45	7,365	10,679	167.97	7,365	14,509
167.46	7,365	10,753	167.98	7,365	14,583
167.47	7,365	10,827	167.99	7,365	14,656
167.48	7,365	10,900	168.00	7,365	14,730
167.49	7,365	10,974	168.01	7,365	14,804
167.50	7,365	11,048	168.02	7,365	14,877
167.51	7,365	11,121	168.03	7,365	14,951
167.52	7,365	11,195	168.04	7,365	15,025
167.53	7,365	11,268	168.05	7,365	15,098
167.54	7,365	11,342	168.06	7,365	15,172
167.55	7,365	11,416	168.07	7,365	15,246

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,365	15,319	168.60	7,365	19,149
168.09	7,365	15,393	168.61	7,365	19,223
168.10	7,365	15,466	168.62	7,365	19,296
168.11	7,365	15,540	168.63	7,365	19,370
168.12	7,365	15,614	168.64	7,365	19,444
168.13	7,365	15,687	168.65	7,365	19,517
168.14	7,365	15,761	168.66	7,365	19,591
168.15	7,365	15,835	168.67	7,365	19,665
168.16	7,365	15,908	168.68	7,365	19,738
168.17	7,365	15,982	168.69	7,365	19,812
168.18	7,365	16,056	168.70	7,365	19,885
168.19	7,365	16,129	168.71	7,365	19,959
168.20	7,365	16,203	168.72	7,365	20,033
168.21	7,365	16,277	168.73	7,365	20,106
168.22	7,365	16,350	168.74	7,365	20,180
168.23	7,365	16,424	168.75	7,365	20,254
168.24	7,365	16,498	168.76	7,365	20,327
168.25	7,365	16,571	168.77	7,365	20,401
168.26	7,365	16,645	168.78	7,365	20,475
168.27	7,365	16,719	168.79	7,365	20,548
168.28	7,365	16,792	168.80	7,365	20,622
168.29	7,365	16,866	168.81	7,365	20,696
168.30	7,365	16,940	168.82	7,365	20,769
168.31	7,365	17,013	168.83	7,365	20,843
168.32	7,365	17,087	168.84	7,365	20,917
168.33	7,365	17,160	168.85	7,365	20,990
168.34	7,365	17,234	168.86	7,365	21,064
168.35	7,365	17,308	168.87	7,365	21,138
168.36	7,365	17,381	168.88	7,365	21,211
168.37	7,365	17,455	168.89	7,365	21,285
168.38	7,365	17,529	168.90	7,365	21,359
168.39	7,365	17,602	168.91	7,365	21,432
168.40	7,365	17,676	168.92	7,365	21,506
168.41	7,365	17,750	168.93	7,365	21,579
168.42	7,365	17,823	168.94	7,365	21,653
168.43	7,365	17,897	168.95	7,365	21,727
168.44	7,365	17,971	168.96	7,365	21,800
168.45	7,365	18,044	168.97	7,365	21,874
168.46	7,365	18,118	168.98	7,365	21,948
168.47	7,365	18,192	168.99	7,365	22,021
168.48	7,365	18,265	169.00	7,365	22,095
168.49	7,365	18,339	169.01	7,365	22,169
168.50	7,365	18,413	169.02	7,365	22,242
168.51	7,365	18,486	169.03	7,365	22,316
168.52	7,365	18,560	169.04	7,365	22,390
168.53	7,365	18,633	169.05	7,365	22,463
168.54	7,365	18,707	169.06	7,365	22,537
168.55	7,365	18,781	169.07	7,365	22,611
168.56	7,365	18,854	169.08	7,365	22,684
168.57	7,365	18,928	169.09	7,365	22,758
168.58	7,365	19,002	169.10	7,365	22,831
168.59	7,365	19,075	169.11	7,365	22,905

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,365	22,979	169.64	7,365	26,809
169.13	7,365	23,052	169.65	7,365	26,882
169.14	7,365	23,126	169.66	7,365	26,956
169.15	7,365	23,200	169.67	7,365	27,030
169.16	7,365	23,273	169.68	7,365	27,103
169.17	7,365	23,347	169.69	7,365	27,177
169.18	7,365	23,421	169.70	7,365	27,250
169.19	7,365	23,494	169.71	7,365	27,324
169.20	7,365	23,568	169.72	7,365	27,398
169.21	7,365	23,642	169.73	7,365	27,471
169.22	7,365	23,715	169.74	7,365	27,545
169.23	7,365	23,789	169.75	7,365	27,619
169.24	7,365	23,863	169.76	7,365	27,692
169.25	7,365	23,936	169.77	7,365	27,766
169.26	7,365	24,010	169.78	7,365	27,840
169.27	7,365	24,084	169.79	7,365	27,913
169.28	7,365	24,157	169.80	7,365	27,987
169.29	7,365	24,231	169.81	7,365	28,061
169.30	7,365	24,305	169.82	7,365	28,134
169.31	7,365	24,378	169.83	7,365	28,208
169.32	7,365	24,452	169.84	7,365	28,282
169.33	7,365	24,525	169.85	7,365	28,355
169.34	7,365	24,599	169.86	7,365	28,429
169.35	7,365	24,673	169.87	7,365	28,503
169.36	7,365	24,746	169.88	7,365	28,576
169.37	7,365	24,820	169.89	7,365	28,650
169.38	7,365	24,894	169.90	7,365	28,724
169.39	7,365	24,967	169.91	7,365	28,797
169.40	7,365	25,041	169.92	7,365	28,871
169.41	7,365	25,115	169.93	7,365	28,944
169.42	7,365	25,188	169.94	7,365	29,018
169.43	7,365	25,262	169.95	7,365	29,092
169.44	7,365	25,336	169.96	7,365	29,165
169.45	7,365	25,409	169.97	7,365	29,239
169.46	7,365	25,483	169.98	7,365	29,313
169.47	7,365	25,557	169.99	7,365	29,386
169.48	7,365	25,630	170.00	7,365	29,460
169.49	7,365	25,704			
169.50	7,365	25,778			
169.51	7,365	25,851			
169.52	7,365	25,925			
169.53	7,365	25,998			
169.54	7,365	26,072			
169.55	7,365	26,146			
169.56	7,365	26,219			
169.57	7,365	26,293			
169.58	7,365	26,367			
169.59	7,365	26,440			
169.60	7,365	26,514			
169.61	7,365	26,588			
169.62	7,365	26,661			
169.63	7,365	26,735			

Summary for Pond B-46A: Basin #46A

Inflow Area = 2.480 ac, 46.25% Impervious, Inflow Depth = 6.65" for Current 100 yr event
 Inflow = 21.76 cfs @ 12.08 hrs, Volume= 1.375 af
 Outflow = 7.05 cfs @ 12.22 hrs, Volume= 1.186 af, Atten= 68%, Lag= 8.4 min
 Primary = 7.05 cfs @ 12.22 hrs, Volume= 1.186 af
 Routed to Pond B-46B : Basin #46B

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.25' @ 12.22 hrs Surf.Area= 10,195 sf Storage= 24,674 cf

Plug-Flow detention time= 174.2 min calculated for 1.186 af (86% of inflow)
 Center-of-Mass det. time= 109.4 min (879.8 - 770.4)

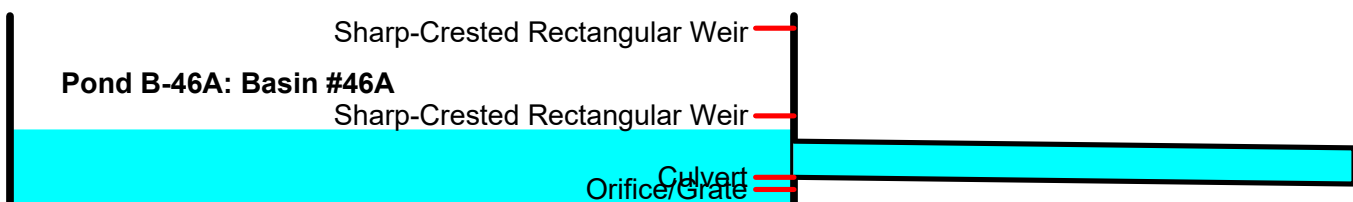
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	96,530 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,720	0	0
181.00	6,639	6,180	6,180
182.00	7,998	7,319	13,498
183.00	9,413	8,706	22,204
184.00	12,515	10,964	33,168
185.00	14,128	13,322	46,489
186.00	15,798	14,963	61,452
187.00	17,524	16,661	78,113
188.00	19,310	18,417	96,530

Device	Routing	Invert	Outlet Devices
#1	Primary	187.50'	50.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s) 0.5' Crest Height
#2	Device 1	180.77'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	183.84'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.28'	18.0" Round Culvert L= 56.0' Ke= 1.000 Inlet / Outlet Invert= 181.28' / 181.00' S= 0.0050 ' /' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf

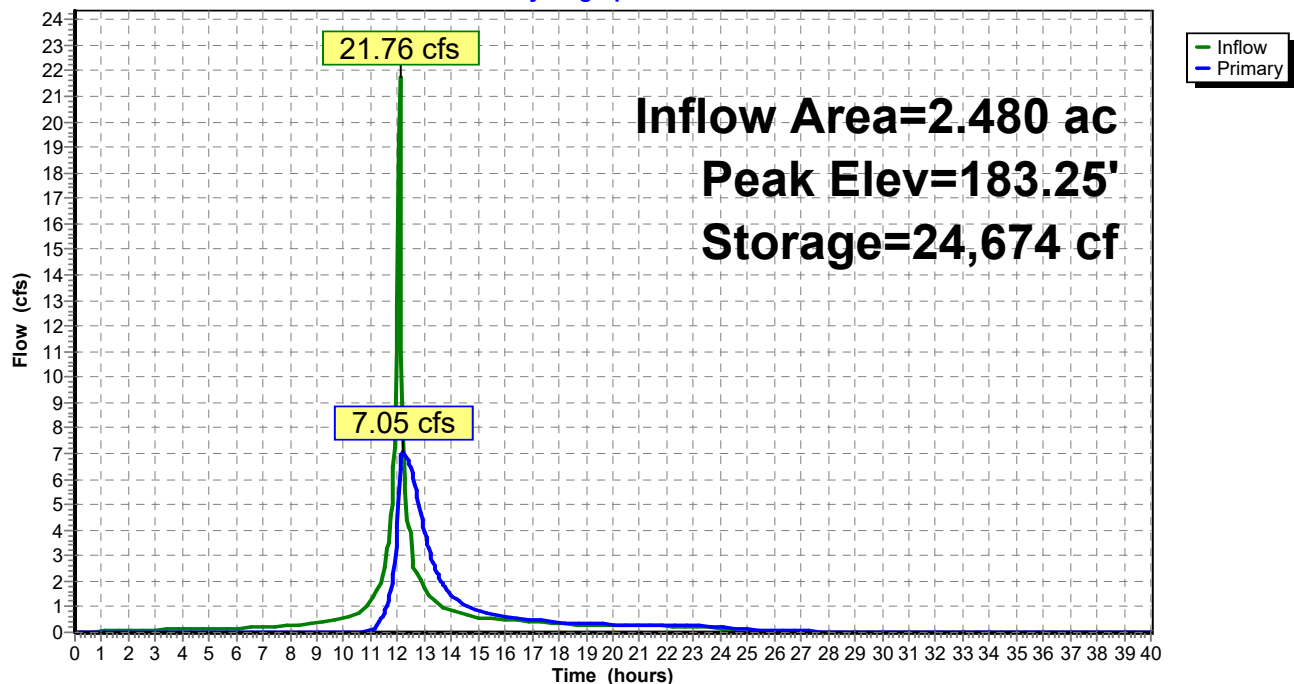
Primary OutFlow Max=7.04 cfs @ 12.22 hrs HW=183.25' (Free Discharge)

- 1=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Culvert (Inlet Controls 7.04 cfs @ 3.98 fps)



Pond B-46A: Basin #46A

Hydrograph



Hydrograph for Pond B-46A: Basin #46A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.01	3	180.00	0.00
0.70	0.02	8	180.00	0.00
0.80	0.03	16	180.00	0.00
0.90	0.03	26	180.00	0.00
1.00	0.04	39	180.01	0.00
1.10	0.04	53	180.01	0.00
1.20	0.05	70	180.01	0.00
1.30	0.05	88	180.02	0.00
1.40	0.06	108	180.02	0.00
1.50	0.06	129	180.02	0.00
1.60	0.06	152	180.03	0.00
1.70	0.07	176	180.03	0.00
1.80	0.07	201	180.03	0.00
1.90	0.08	228	180.04	0.00
2.00	0.08	255	180.04	0.00
2.10	0.08	284	180.05	0.00
2.20	0.08	314	180.05	0.00
2.30	0.09	345	180.06	0.00
2.40	0.09	376	180.07	0.00
2.50	0.09	409	180.07	0.00
2.60	0.09	442	180.08	0.00
2.70	0.10	477	180.08	0.00
2.80	0.10	512	180.09	0.00
2.90	0.10	548	180.09	0.00
3.00	0.10	584	180.10	0.00
3.10	0.10	622	180.11	0.00
3.20	0.11	660	180.11	0.00
3.30	0.11	698	180.12	0.00
3.40	0.11	738	180.13	0.00
3.50	0.11	778	180.13	0.00
3.60	0.11	818	180.14	0.00
3.70	0.12	860	180.15	0.00
3.80	0.12	902	180.16	0.00
3.90	0.12	944	180.16	0.00
4.00	0.12	987	180.17	0.00
4.10	0.12	1,031	180.18	0.00
4.20	0.12	1,075	180.19	0.00
4.30	0.13	1,120	180.19	0.00
4.40	0.13	1,165	180.20	0.00
4.50	0.13	1,211	180.21	0.00
4.60	0.13	1,257	180.22	0.00
4.70	0.13	1,304	180.22	0.00
4.80	0.13	1,351	180.23	0.00
4.90	0.13	1,399	180.24	0.00
5.00	0.13	1,447	180.25	0.00
5.10	0.14	1,496	180.26	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.14	1,545	180.26	0.00
5.30	0.14	1,595	180.27	0.00
5.40	0.14	1,645	180.28	0.00
5.50	0.14	1,696	180.29	0.00
5.60	0.14	1,747	180.30	0.00
5.70	0.14	1,799	180.31	0.00
5.80	0.15	1,851	180.32	0.00
5.90	0.15	1,903	180.32	0.00
6.00	0.15	1,956	180.33	0.00
6.10	0.15	2,011	180.34	0.00
6.20	0.16	2,066	180.35	0.00
6.30	0.16	2,123	180.36	0.00
6.40	0.17	2,182	180.37	0.00
6.50	0.17	2,243	180.38	0.00
6.60	0.18	2,306	180.39	0.00
6.70	0.18	2,371	180.40	0.00
6.80	0.19	2,438	180.41	0.00
6.90	0.20	2,507	180.42	0.00
7.00	0.20	2,579	180.44	0.00
7.10	0.21	2,653	180.45	0.00
7.20	0.21	2,730	180.46	0.00
7.30	0.22	2,808	180.47	0.00
7.40	0.23	2,889	180.49	0.00
7.50	0.23	2,972	180.50	0.00
7.60	0.24	3,058	180.51	0.00
7.70	0.25	3,146	180.53	0.00
7.80	0.25	3,237	180.54	0.00
7.90	0.26	3,330	180.56	0.00
8.00	0.27	3,426	180.57	0.00
8.10	0.28	3,525	180.59	0.00
8.20	0.28	3,626	180.60	0.00
8.30	0.29	3,729	180.62	0.00
8.40	0.30	3,835	180.64	0.00
8.50	0.31	3,944	180.66	0.00
8.60	0.31	4,056	180.67	0.00
8.70	0.32	4,171	180.69	0.00
8.80	0.33	4,288	180.71	0.00
8.90	0.34	4,408	180.73	0.00
9.00	0.35	4,531	180.75	0.00
9.10	0.37	4,660	180.77	0.00
9.20	0.39	4,797	180.79	0.00
9.30	0.41	4,942	180.81	0.00
9.40	0.43	5,095	180.83	0.00
9.50	0.46	5,256	180.86	0.00
9.60	0.48	5,427	180.89	0.00
9.70	0.51	5,605	180.91	0.00
9.80	0.53	5,793	180.94	0.00
9.90	0.56	5,990	180.97	0.00
10.00	0.58	6,196	181.00	0.00
10.10	0.61	6,411	181.03	0.00
10.20	0.64	6,636	181.07	0.00
10.30	0.66	6,870	181.10	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.69	7,114	181.14	0.00
10.50	0.72	7,368	181.18	0.00
10.60	0.81	7,647	181.22	0.00
10.70	0.90	7,958	181.26	0.00
10.80	0.99	8,302	181.31	0.01
10.90	1.09	8,675	181.36	0.02
11.00	1.19	9,072	181.42	0.07
11.10	1.37	9,502	181.48	0.15
11.20	1.55	9,964	181.54	0.25
11.30	1.74	10,449	181.61	0.39
11.40	1.93	10,948	181.67	0.55
11.50	2.13	11,448	181.74	0.74
11.60	3.29	12,157	181.83	1.04
11.70	3.58	12,954	181.93	1.42
11.80	5.00	13,952	182.06	1.93
11.90	7.19	15,384	182.23	2.73
12.00	12.77	17,943	182.53	4.24
12.10	21.03	22,522	183.03	6.39
12.20	7.72	24,632	183.25	7.04
12.30	5.53	24,387	183.22	6.97
12.40	4.08	23,579	183.14	6.73
12.50	3.84	22,631	183.05	6.43
12.60	2.53	21,471	182.92	6.02
12.70	2.36	20,258	182.79	5.55
12.80	2.15	19,169	182.67	4.96
12.90	1.95	18,216	182.56	4.40
13.00	1.74	17,377	182.47	3.91
13.10	1.54	16,634	182.38	3.46
13.20	1.43	15,987	182.30	3.08
13.30	1.32	15,427	182.24	2.76
13.40	1.21	14,936	182.18	2.48
13.50	1.10	14,500	182.12	2.23
13.60	0.99	14,107	182.08	2.01
13.70	0.96	13,765	182.03	1.83
13.80	0.93	13,472	182.00	1.68
13.90	0.90	13,220	181.96	1.55
14.00	0.87	13,000	181.94	1.44
14.10	0.84	12,807	181.91	1.34
14.20	0.82	12,635	181.89	1.26
14.30	0.78	12,480	181.87	1.19
14.40	0.76	12,340	181.85	1.12
14.50	0.73	12,212	181.84	1.07
14.60	0.70	12,093	181.82	1.01
14.70	0.67	11,981	181.81	0.97
14.80	0.64	11,876	181.79	0.92
14.90	0.61	11,776	181.78	0.88
15.00	0.58	11,681	181.77	0.84
15.10	0.55	11,590	181.76	0.80
15.20	0.54	11,505	181.75	0.77
15.30	0.54	11,429	181.74	0.74
15.40	0.53	11,361	181.73	0.71
15.50	0.52	11,298	181.72	0.69

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.51	11,242	181.71	0.66
15.70	0.51	11,189	181.70	0.64
15.80	0.50	11,141	181.70	0.63
15.90	0.49	11,097	181.69	0.61
16.00	0.48	11,056	181.69	0.59
16.10	0.48	11,018	181.68	0.58
16.20	0.47	10,982	181.68	0.56
16.30	0.46	10,947	181.67	0.55
16.40	0.45	10,914	181.67	0.54
16.50	0.44	10,881	181.66	0.53
16.60	0.44	10,850	181.66	0.52
16.70	0.43	10,820	181.65	0.51
16.80	0.42	10,790	181.65	0.50
16.90	0.41	10,761	181.65	0.49
17.00	0.41	10,733	181.64	0.48
17.10	0.40	10,706	181.64	0.47
17.20	0.39	10,679	181.64	0.46
17.30	0.38	10,652	181.63	0.45
17.40	0.37	10,625	181.63	0.45
17.50	0.37	10,599	181.63	0.44
17.60	0.36	10,574	181.62	0.43
17.70	0.35	10,548	181.62	0.42
17.80	0.34	10,523	181.62	0.41
17.90	0.34	10,498	181.61	0.40
18.00	0.33	10,473	181.61	0.40
18.10	0.32	10,448	181.61	0.39
18.20	0.32	10,425	181.60	0.38
18.30	0.32	10,404	181.60	0.37
18.40	0.31	10,384	181.60	0.37
18.50	0.31	10,365	181.59	0.36
18.60	0.31	10,348	181.59	0.36
18.70	0.31	10,331	181.59	0.35
18.80	0.31	10,316	181.59	0.35
18.90	0.30	10,301	181.59	0.34
19.00	0.30	10,287	181.58	0.34
19.10	0.30	10,273	181.58	0.34
19.20	0.30	10,260	181.58	0.33
19.30	0.30	10,248	181.58	0.33
19.40	0.29	10,236	181.58	0.33
19.50	0.29	10,225	181.58	0.32
19.60	0.29	10,213	181.57	0.32
19.70	0.29	10,203	181.57	0.32
19.80	0.29	10,193	181.57	0.31
19.90	0.28	10,183	181.57	0.31
20.00	0.28	10,173	181.57	0.31
20.10	0.28	10,164	181.57	0.31
20.20	0.28	10,154	181.57	0.30
20.30	0.28	10,145	181.56	0.30
20.40	0.27	10,136	181.56	0.30
20.50	0.27	10,127	181.56	0.30
20.60	0.27	10,119	181.56	0.29
20.70	0.27	10,111	181.56	0.29

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.27	10,103	181.56	0.29
20.90	0.27	10,094	181.56	0.29
21.00	0.26	10,086	181.56	0.29
21.10	0.26	10,078	181.56	0.28
21.20	0.26	10,070	181.55	0.28
21.30	0.26	10,062	181.55	0.28
21.40	0.26	10,055	181.55	0.28
21.50	0.25	10,047	181.55	0.27
21.60	0.25	10,039	181.55	0.27
21.70	0.25	10,031	181.55	0.27
21.80	0.25	10,024	181.55	0.27
21.90	0.25	10,017	181.55	0.27
22.00	0.24	10,009	181.55	0.26
22.10	0.24	10,001	181.55	0.26
22.20	0.24	9,994	181.54	0.26
22.30	0.24	9,987	181.54	0.26
22.40	0.24	9,979	181.54	0.26
22.50	0.23	9,972	181.54	0.25
22.60	0.23	9,965	181.54	0.25
22.70	0.23	9,957	181.54	0.25
22.80	0.23	9,950	181.54	0.25
22.90	0.23	9,942	181.54	0.25
23.00	0.23	9,935	181.54	0.24
23.10	0.22	9,928	181.54	0.24
23.20	0.22	9,920	181.53	0.24
23.30	0.22	9,913	181.53	0.24
23.40	0.22	9,906	181.53	0.24
23.50	0.21	9,899	181.53	0.23
23.60	0.21	9,891	181.53	0.23
23.70	0.21	9,884	181.53	0.23
23.80	0.21	9,877	181.53	0.23
23.90	0.21	9,870	181.53	0.23
24.00	0.25	9,873	181.53	0.23
24.10	0.00	9,826	181.52	0.21
24.20	0.00	9,752	181.51	0.20
24.30	0.00	9,683	181.50	0.18
24.40	0.00	9,619	181.49	0.17
24.50	0.00	9,559	181.48	0.16
24.60	0.00	9,504	181.48	0.15
24.70	0.00	9,453	181.47	0.14
24.80	0.00	9,405	181.46	0.13
24.90	0.00	9,360	181.46	0.12
25.00	0.00	9,319	181.45	0.11
25.10	0.00	9,281	181.45	0.10
25.20	0.00	9,245	181.44	0.10
25.30	0.00	9,211	181.44	0.09
25.40	0.00	9,180	181.43	0.09
25.50	0.00	9,149	181.43	0.08
25.60	0.00	9,120	181.42	0.08
25.70	0.00	9,092	181.42	0.08
25.80	0.00	9,066	181.42	0.07
25.90	0.00	9,040	181.41	0.07

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,016	181.41	0.07
26.10	0.00	8,992	181.41	0.06
26.20	0.00	8,970	181.40	0.06
26.30	0.00	8,949	181.40	0.06
26.40	0.00	8,928	181.40	0.06
26.50	0.00	8,909	181.39	0.05
26.60	0.00	8,890	181.39	0.05
26.70	0.00	8,872	181.39	0.05
26.80	0.00	8,855	181.39	0.05
26.90	0.00	8,839	181.39	0.04
27.00	0.00	8,823	181.38	0.04
27.10	0.00	8,809	181.38	0.04
27.20	0.00	8,794	181.38	0.04
27.30	0.00	8,781	181.38	0.04
27.40	0.00	8,768	181.38	0.04
27.50	0.00	8,755	181.37	0.03
27.60	0.00	8,743	181.37	0.03
27.70	0.00	8,732	181.37	0.03
27.80	0.00	8,721	181.37	0.03
27.90	0.00	8,710	181.37	0.03
28.00	0.00	8,700	181.37	0.03
28.10	0.00	8,691	181.36	0.03
28.20	0.00	8,682	181.36	0.02
28.30	0.00	8,673	181.36	0.02
28.40	0.00	8,665	181.36	0.02
28.50	0.00	8,657	181.36	0.02
28.60	0.00	8,649	181.36	0.02
28.70	0.00	8,641	181.36	0.02
28.80	0.00	8,633	181.36	0.02
28.90	0.00	8,626	181.36	0.02
29.00	0.00	8,619	181.35	0.02
29.10	0.00	8,611	181.35	0.02
29.20	0.00	8,604	181.35	0.02
29.30	0.00	8,597	181.35	0.02
29.40	0.00	8,590	181.35	0.02
29.50	0.00	8,583	181.35	0.02
29.60	0.00	8,576	181.35	0.02
29.70	0.00	8,570	181.35	0.02
29.80	0.00	8,563	181.35	0.02
29.90	0.00	8,557	181.35	0.02
30.00	0.00	8,550	181.34	0.02
30.10	0.00	8,544	181.34	0.02
30.20	0.00	8,538	181.34	0.02
30.30	0.00	8,531	181.34	0.02
30.40	0.00	8,525	181.34	0.02
30.50	0.00	8,519	181.34	0.02
30.60	0.00	8,514	181.34	0.02
30.70	0.00	8,508	181.34	0.02
30.80	0.00	8,502	181.34	0.02
30.90	0.00	8,496	181.34	0.02
31.00	0.00	8,491	181.34	0.02
31.10	0.00	8,485	181.34	0.02

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,480	181.33	0.01
31.30	0.00	8,474	181.33	0.01
31.40	0.00	8,469	181.33	0.01
31.50	0.00	8,464	181.33	0.01
31.60	0.00	8,459	181.33	0.01
31.70	0.00	8,454	181.33	0.01
31.80	0.00	8,449	181.33	0.01
31.90	0.00	8,444	181.33	0.01
32.00	0.00	8,439	181.33	0.01
32.10	0.00	8,434	181.33	0.01
32.20	0.00	8,429	181.33	0.01
32.30	0.00	8,425	181.33	0.01
32.40	0.00	8,420	181.33	0.01
32.50	0.00	8,416	181.33	0.01
32.60	0.00	8,411	181.33	0.01
32.70	0.00	8,407	181.32	0.01
32.80	0.00	8,402	181.32	0.01
32.90	0.00	8,398	181.32	0.01
33.00	0.00	8,394	181.32	0.01
33.10	0.00	8,390	181.32	0.01
33.20	0.00	8,386	181.32	0.01
33.30	0.00	8,382	181.32	0.01
33.40	0.00	8,378	181.32	0.01
33.50	0.00	8,374	181.32	0.01
33.60	0.00	8,370	181.32	0.01
33.70	0.00	8,366	181.32	0.01
33.80	0.00	8,362	181.32	0.01
33.90	0.00	8,358	181.32	0.01
34.00	0.00	8,355	181.32	0.01
34.10	0.00	8,351	181.32	0.01
34.20	0.00	8,347	181.32	0.01
34.30	0.00	8,344	181.32	0.01
34.40	0.00	8,340	181.32	0.01
34.50	0.00	8,337	181.31	0.01
34.60	0.00	8,334	181.31	0.01
34.70	0.00	8,330	181.31	0.01
34.80	0.00	8,327	181.31	0.01
34.90	0.00	8,324	181.31	0.01
35.00	0.00	8,321	181.31	0.01
35.10	0.00	8,317	181.31	0.01
35.20	0.00	8,314	181.31	0.01
35.30	0.00	8,311	181.31	0.01
35.40	0.00	8,308	181.31	0.01
35.50	0.00	8,305	181.31	0.01
35.60	0.00	8,302	181.31	0.01
35.70	0.00	8,299	181.31	0.01
35.80	0.00	8,296	181.31	0.01
35.90	0.00	8,294	181.31	0.01
36.00	0.00	8,291	181.31	0.01
36.10	0.00	8,288	181.31	0.01
36.20	0.00	8,285	181.31	0.01
36.30	0.00	8,283	181.31	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,280	181.31	0.01
36.50	0.00	8,277	181.31	0.01
36.60	0.00	8,275	181.31	0.01
36.70	0.00	8,272	181.31	0.01
36.80	0.00	8,270	181.31	0.01
36.90	0.00	8,267	181.30	0.01
37.00	0.00	8,265	181.30	0.01
37.10	0.00	8,263	181.30	0.01
37.20	0.00	8,260	181.30	0.01
37.30	0.00	8,258	181.30	0.01
37.40	0.00	8,256	181.30	0.01
37.50	0.00	8,253	181.30	0.01
37.60	0.00	8,251	181.30	0.01
37.70	0.00	8,249	181.30	0.01
37.80	0.00	8,247	181.30	0.01
37.90	0.00	8,245	181.30	0.01
38.00	0.00	8,242	181.30	0.01
38.10	0.00	8,240	181.30	0.01
38.20	0.00	8,238	181.30	0.01
38.30	0.00	8,236	181.30	0.01
38.40	0.00	8,234	181.30	0.01
38.50	0.00	8,232	181.30	0.01
38.60	0.00	8,230	181.30	0.01
38.70	0.00	8,229	181.30	0.01
38.80	0.00	8,227	181.30	0.01
38.90	0.00	8,225	181.30	0.01
39.00	0.00	8,223	181.30	0.01
39.10	0.00	8,221	181.30	0.00
39.20	0.00	8,219	181.30	0.00
39.30	0.00	8,218	181.30	0.00
39.40	0.00	8,216	181.30	0.00
39.50	0.00	8,214	181.30	0.00
39.60	0.00	8,212	181.30	0.00
39.70	0.00	8,211	181.30	0.00
39.80	0.00	8,209	181.30	0.00
39.90	0.00	8,207	181.30	0.00
40.00	0.00	8,206	181.30	0.00

Stage-Discharge for Pond B-46A: Basin #46A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.29
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.31
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.33
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.35
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.37
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.40
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.42
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.44
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.47
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.49
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.52
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.55
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.57
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.60
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.63
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.66
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.69
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.72
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.75
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.78
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.81
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.84
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.87
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.91
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.94
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.97
180.26	0.00	180.78	0.00	181.30	0.00	181.82	1.01
180.27	0.00	180.79	0.00	181.31	0.00	181.83	1.04
180.28	0.00	180.80	0.00	181.32	0.00	181.84	1.08
180.29	0.00	180.81	0.00	181.33	0.01	181.85	1.11
180.30	0.00	180.82	0.00	181.34	0.01	181.86	1.15
180.31	0.00	180.83	0.00	181.35	0.02	181.87	1.18
180.32	0.00	180.84	0.00	181.36	0.02	181.88	1.22
180.33	0.00	180.85	0.00	181.37	0.03	181.89	1.26
180.34	0.00	180.86	0.00	181.38	0.03	181.90	1.29
180.35	0.00	180.87	0.00	181.39	0.04	181.91	1.33
180.36	0.00	180.88	0.00	181.40	0.05	181.92	1.37
180.37	0.00	180.89	0.00	181.41	0.06	181.93	1.41
180.38	0.00	180.90	0.00	181.42	0.07	181.94	1.45
180.39	0.00	180.91	0.00	181.43	0.08	181.95	1.49
180.40	0.00	180.92	0.00	181.44	0.09	181.96	1.53
180.41	0.00	180.93	0.00	181.45	0.11	181.97	1.57
180.42	0.00	180.94	0.00	181.46	0.12	181.98	1.61
180.43	0.00	180.95	0.00	181.47	0.13	181.99	1.65
180.44	0.00	180.96	0.00	181.48	0.15	182.00	1.69
180.45	0.00	180.97	0.00	181.49	0.16	182.01	1.73
180.46	0.00	180.98	0.00	181.50	0.18	182.02	1.77
180.47	0.00	180.99	0.00	181.51	0.19	182.03	1.82
180.48	0.00	181.00	0.00	181.52	0.21	182.04	1.86
180.49	0.00	181.01	0.00	181.53	0.23	182.05	1.90
180.50	0.00	181.02	0.00	181.54	0.25	182.06	1.95
180.51	0.00	181.03	0.00	181.55	0.27	182.07	1.99

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	2.03	182.60	4.60	183.12	6.66	183.64	8.10
182.09	2.08	182.61	4.65	183.13	6.69	183.65	8.12
182.10	2.12	182.62	4.71	183.14	6.72	183.66	8.15
182.11	2.17	182.63	4.76	183.15	6.75	183.67	8.17
182.12	2.21	182.64	4.81	183.16	6.78	183.68	8.20
182.13	2.26	182.65	4.86	183.17	6.81	183.69	8.22
182.14	2.30	182.66	4.91	183.18	6.84	183.70	8.25
182.15	2.35	182.67	4.96	183.19	6.87	183.71	8.27
182.16	2.40	182.68	5.01	183.20	6.90	183.72	8.30
182.17	2.44	182.69	5.07	183.21	6.93	183.73	8.32
182.18	2.49	182.70	5.12	183.22	6.96	183.74	8.34
182.19	2.54	182.71	5.17	183.23	6.99	183.75	8.37
182.20	2.58	182.72	5.22	183.24	7.02	183.76	8.39
182.21	2.63	182.73	5.27	183.25	7.05	183.77	8.42
182.22	2.68	182.74	5.32	183.26	7.08	183.78	8.44
182.23	2.73	182.75	5.37	183.27	7.11	183.79	8.47
182.24	2.77	182.76	5.42	183.28	7.13	183.80	8.49
182.25	2.82	182.77	5.47	183.29	7.16	183.81	8.51
182.26	2.87	182.78	5.52	183.30	7.19	183.82	8.54
182.27	2.92	182.79	5.56	183.31	7.22	183.83	8.56
182.28	2.97	182.80	5.60	183.32	7.25	183.84	8.59
182.29	3.02	182.81	5.64	183.33	7.28	183.85	8.61
182.30	3.07	182.82	5.67	183.34	7.30	183.86	8.63
182.31	3.12	182.83	5.71	183.35	7.33	183.87	8.66
182.32	3.17	182.84	5.74	183.36	7.36	183.88	8.68
182.33	3.22	182.85	5.78	183.37	7.39	183.89	8.70
182.34	3.27	182.86	5.81	183.38	7.41	183.90	8.73
182.35	3.32	182.87	5.85	183.39	7.44	183.91	8.75
182.36	3.37	182.88	5.88	183.40	7.47	183.92	8.77
182.37	3.42	182.89	5.92	183.41	7.50	183.93	8.80
182.38	3.47	182.90	5.95	183.42	7.52	183.94	8.82
182.39	3.52	182.91	5.99	183.43	7.55	183.95	8.84
182.40	3.57	182.92	6.02	183.44	7.58	183.96	8.87
182.41	3.62	182.93	6.05	183.45	7.60	183.97	8.89
182.42	3.67	182.94	6.09	183.46	7.63	183.98	8.91
182.43	3.72	182.95	6.12	183.47	7.66	183.99	8.93
182.44	3.77	182.96	6.15	183.48	7.68	184.00	8.96
182.45	3.83	182.97	6.19	183.49	7.71	184.01	8.98
182.46	3.88	182.98	6.22	183.50	7.74	184.02	9.00
182.47	3.93	182.99	6.25	183.51	7.76	184.03	9.02
182.48	3.98	183.00	6.29	183.52	7.79	184.04	9.05
182.49	4.03	183.01	6.32	183.53	7.82	184.05	9.07
182.50	4.08	183.02	6.35	183.54	7.84	184.06	9.09
182.51	4.13	183.03	6.38	183.55	7.87	184.07	9.11
182.52	4.19	183.04	6.41	183.56	7.89	184.08	9.14
182.53	4.24	183.05	6.45	183.57	7.92	184.09	9.16
182.54	4.29	183.06	6.48	183.58	7.94	184.10	9.18
182.55	4.34	183.07	6.51	183.59	7.97	184.11	9.20
182.56	4.39	183.08	6.54	183.60	8.00	184.12	9.23
182.57	4.45	183.09	6.57	183.61	8.02	184.13	9.25
182.58	4.50	183.10	6.60	183.62	8.05	184.14	9.27
182.59	4.55	183.11	6.63	183.63	8.07	184.15	9.29

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	9.31	184.68	10.39	185.20	11.36	185.72	12.26
184.17	9.34	184.69	10.41	185.21	11.38	185.73	12.28
184.18	9.36	184.70	10.43	185.22	11.40	185.74	12.29
184.19	9.38	184.71	10.45	185.23	11.42	185.75	12.31
184.20	9.40	184.72	10.47	185.24	11.43	185.76	12.32
184.21	9.42	184.73	10.49	185.25	11.45	185.77	12.34
184.22	9.44	184.74	10.51	185.26	11.47	185.78	12.36
184.23	9.47	184.75	10.52	185.27	11.49	185.79	12.37
184.24	9.49	184.76	10.54	185.28	11.50	185.80	12.39
184.25	9.51	184.77	10.56	185.29	11.52	185.81	12.41
184.26	9.53	184.78	10.58	185.30	11.54	185.82	12.42
184.27	9.55	184.79	10.60	185.31	11.56	185.83	12.44
184.28	9.57	184.80	10.62	185.32	11.58	185.84	12.46
184.29	9.59	184.81	10.64	185.33	11.59	185.85	12.47
184.30	9.61	184.82	10.66	185.34	11.61	185.86	12.49
184.31	9.64	184.83	10.68	185.35	11.63	185.87	12.51
184.32	9.66	184.84	10.70	185.36	11.65	185.88	12.52
184.33	9.68	184.85	10.72	185.37	11.66	185.89	12.54
184.34	9.70	184.86	10.74	185.38	11.68	185.90	12.55
184.35	9.72	184.87	10.75	185.39	11.70	185.91	12.57
184.36	9.74	184.88	10.77	185.40	11.72	185.92	12.59
184.37	9.76	184.89	10.79	185.41	11.73	185.93	12.60
184.38	9.78	184.90	10.81	185.42	11.75	185.94	12.62
184.39	9.80	184.91	10.83	185.43	11.77	185.95	12.63
184.40	9.82	184.92	10.85	185.44	11.78	185.96	12.65
184.41	9.85	184.93	10.87	185.45	11.80	185.97	12.67
184.42	9.87	184.94	10.89	185.46	11.82	185.98	12.68
184.43	9.89	184.95	10.90	185.47	11.84	185.99	12.70
184.44	9.91	184.96	10.92	185.48	11.85	186.00	12.72
184.45	9.93	184.97	10.94	185.49	11.87	186.01	12.73
184.46	9.95	184.98	10.96	185.50	11.89	186.02	12.75
184.47	9.97	184.99	10.98	185.51	11.90	186.03	12.76
184.48	9.99	185.00	11.00	185.52	11.92	186.04	12.78
184.49	10.01	185.01	11.02	185.53	11.94	186.05	12.80
184.50	10.03	185.02	11.03	185.54	11.96	186.06	12.81
184.51	10.05	185.03	11.05	185.55	11.97	186.07	12.83
184.52	10.07	185.04	11.07	185.56	11.99	186.08	12.84
184.53	10.09	185.05	11.09	185.57	12.01	186.09	12.86
184.54	10.11	185.06	11.11	185.58	12.02	186.10	12.87
184.55	10.13	185.07	11.13	185.59	12.04	186.11	12.89
184.56	10.15	185.08	11.14	185.60	12.06	186.12	12.91
184.57	10.17	185.09	11.16	185.61	12.07	186.13	12.92
184.58	10.19	185.10	11.18	185.62	12.09	186.14	12.94
184.59	10.21	185.11	11.20	185.63	12.11	186.15	12.95
184.60	10.23	185.12	11.22	185.64	12.12	186.16	12.97
184.61	10.25	185.13	11.24	185.65	12.14	186.17	12.98
184.62	10.27	185.14	11.25	185.66	12.16	186.18	13.00
184.63	10.29	185.15	11.27	185.67	12.18	186.19	13.02
184.64	10.31	185.16	11.29	185.68	12.19	186.20	13.03
184.65	10.33	185.17	11.31	185.69	12.21	186.21	13.05
184.66	10.35	185.18	11.33	185.70	12.23	186.22	13.06
184.67	10.37	185.19	11.34	185.71	12.24	186.23	13.08

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	13.09	186.76	13.88	187.28	14.62	187.80	44.13
186.25	13.11	186.77	13.89	187.29	14.64	187.81	45.67
186.26	13.12	186.78	13.91	187.30	14.65	187.82	47.23
186.27	13.14	186.79	13.92	187.31	14.66	187.83	48.82
186.28	13.16	186.80	13.94	187.32	14.68	187.84	50.44
186.29	13.17	186.81	13.95	187.33	14.69	187.85	52.10
186.30	13.19	186.82	13.97	187.34	14.71	187.86	53.78
186.31	13.20	186.83	13.98	187.35	14.72	187.87	54.55
186.32	13.22	186.84	14.00	187.36	14.73	187.88	55.04
186.33	13.23	186.85	14.01	187.37	14.75	187.89	55.53
186.34	13.25	186.86	14.02	187.38	14.76	187.90	56.02
186.35	13.26	186.87	14.04	187.39	14.77	187.91	56.49
186.36	13.28	186.88	14.05	187.40	14.79	187.92	56.97
186.37	13.29	186.89	14.07	187.41	14.80	187.93	57.44
186.38	13.31	186.90	14.08	187.42	14.82	187.94	57.90
186.39	13.33	186.91	14.10	187.43	14.83	187.95	58.36
186.40	13.34	186.92	14.11	187.44	14.84	187.96	58.82
186.41	13.36	186.93	14.13	187.45	14.86	187.97	59.27
186.42	13.37	186.94	14.14	187.46	14.87	187.98	59.72
186.43	13.39	186.95	14.16	187.47	14.88	187.99	60.17
186.44	13.40	186.96	14.17	187.48	14.90	188.00	60.62
186.45	13.42	186.97	14.18	187.49	14.91		
186.46	13.43	186.98	14.20	187.50	14.93		
186.47	13.45	186.99	14.21	187.51	15.10		
186.48	13.46	187.00	14.23	187.52	15.42		
186.49	13.48	187.01	14.24	187.53	15.82		
186.50	13.49	187.02	14.26	187.54	16.30		
186.51	13.51	187.03	14.27	187.55	16.84		
186.52	13.52	187.04	14.28	187.56	17.44		
186.53	13.54	187.05	14.30	187.57	18.10		
186.54	13.55	187.06	14.31	187.58	18.80		
186.55	13.57	187.07	14.33	187.59	19.56		
186.56	13.58	187.08	14.34	187.60	20.36		
186.57	13.60	187.09	14.35	187.61	21.20		
186.58	13.61	187.10	14.37	187.62	22.08		
186.59	13.63	187.11	14.38	187.63	23.00		
186.60	13.64	187.12	14.40	187.64	23.97		
186.61	13.66	187.13	14.41	187.65	24.97		
186.62	13.67	187.14	14.43	187.66	26.01		
186.63	13.69	187.15	14.44	187.67	27.08		
186.64	13.70	187.16	14.45	187.68	28.20		
186.65	13.72	187.17	14.47	187.69	29.34		
186.66	13.73	187.18	14.48	187.70	30.52		
186.67	13.75	187.19	14.50	187.71	31.74		
186.68	13.76	187.20	14.51	187.72	32.99		
186.69	13.78	187.21	14.52	187.73	34.27		
186.70	13.79	187.22	14.54	187.74	35.58		
186.71	13.81	187.23	14.55	187.75	36.93		
186.72	13.82	187.24	14.57	187.76	38.31		
186.73	13.83	187.25	14.58	187.77	39.72		
186.74	13.85	187.26	14.59	187.78	41.16		
186.75	13.86	187.27	14.61	187.79	42.63		

Stage-Area-Storage for Pond B-46A: Basin #46A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,720	0	180.52	6,198	3,099
180.01	5,729	57	180.53	6,207	3,161
180.02	5,738	115	180.54	6,216	3,223
180.03	5,748	172	180.55	6,225	3,285
180.04	5,757	230	180.56	6,235	3,347
180.05	5,766	287	180.57	6,244	3,410
180.06	5,775	345	180.58	6,253	3,472
180.07	5,784	403	180.59	6,262	3,535
180.08	5,794	461	180.60	6,271	3,597
180.09	5,803	519	180.61	6,281	3,660
180.10	5,812	577	180.62	6,290	3,723
180.11	5,821	635	180.63	6,299	3,786
180.12	5,830	693	180.64	6,308	3,849
180.13	5,839	751	180.65	6,317	3,912
180.14	5,849	810	180.66	6,327	3,975
180.15	5,858	868	180.67	6,336	4,039
180.16	5,867	927	180.68	6,345	4,102
180.17	5,876	986	180.69	6,354	4,166
180.18	5,885	1,044	180.70	6,363	4,229
180.19	5,895	1,103	180.71	6,372	4,293
180.20	5,904	1,162	180.72	6,382	4,357
180.21	5,913	1,221	180.73	6,391	4,420
180.22	5,922	1,281	180.74	6,400	4,484
180.23	5,931	1,340	180.75	6,409	4,548
180.24	5,941	1,399	180.76	6,418	4,613
180.25	5,950	1,459	180.77	6,428	4,677
180.26	5,959	1,518	180.78	6,437	4,741
180.27	5,968	1,578	180.79	6,446	4,806
180.28	5,977	1,638	180.80	6,455	4,870
180.29	5,987	1,697	180.81	6,464	4,935
180.30	5,996	1,757	180.82	6,474	4,999
180.31	6,005	1,817	180.83	6,483	5,064
180.32	6,014	1,877	180.84	6,492	5,129
180.33	6,023	1,938	180.85	6,501	5,194
180.34	6,032	1,998	180.86	6,510	5,259
180.35	6,042	2,058	180.87	6,520	5,324
180.36	6,051	2,119	180.88	6,529	5,389
180.37	6,060	2,179	180.89	6,538	5,455
180.38	6,069	2,240	180.90	6,547	5,520
180.39	6,078	2,301	180.91	6,556	5,586
180.40	6,088	2,362	180.92	6,565	5,651
180.41	6,097	2,422	180.93	6,575	5,717
180.42	6,106	2,483	180.94	6,584	5,783
180.43	6,115	2,545	180.95	6,593	5,849
180.44	6,124	2,606	180.96	6,602	5,915
180.45	6,134	2,667	180.97	6,611	5,981
180.46	6,143	2,728	180.98	6,621	6,047
180.47	6,152	2,790	180.99	6,630	6,113
180.48	6,161	2,851	181.00	6,639	6,180
180.49	6,170	2,913	181.01	6,653	6,246
180.50	6,180	2,975	181.02	6,666	6,313
180.51	6,189	3,037	181.03	6,680	6,379

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	6,693	6,446	181.56	7,400	10,110
181.05	6,707	6,513	181.57	7,414	10,184
181.06	6,721	6,580	181.58	7,427	10,259
181.07	6,734	6,648	181.59	7,441	10,333
181.08	6,748	6,715	181.60	7,454	10,408
181.09	6,761	6,783	181.61	7,468	10,482
181.10	6,775	6,850	181.62	7,482	10,557
181.11	6,788	6,918	181.63	7,495	10,632
181.12	6,802	6,986	181.64	7,509	10,707
181.13	6,816	7,054	181.65	7,522	10,782
181.14	6,829	7,122	181.66	7,536	10,857
181.15	6,843	7,191	181.67	7,550	10,933
181.16	6,856	7,259	181.68	7,563	11,008
181.17	6,870	7,328	181.69	7,577	11,084
181.18	6,884	7,397	181.70	7,590	11,160
181.19	6,897	7,465	181.71	7,604	11,236
181.20	6,911	7,534	181.72	7,617	11,312
181.21	6,924	7,604	181.73	7,631	11,388
181.22	6,938	7,673	181.74	7,645	11,464
181.23	6,952	7,742	181.75	7,658	11,541
181.24	6,965	7,812	181.76	7,672	11,618
181.25	6,979	7,882	181.77	7,685	11,694
181.26	6,992	7,952	181.78	7,699	11,771
181.27	7,006	8,022	181.79	7,713	11,848
181.28	7,020	8,092	181.80	7,726	11,926
181.29	7,033	8,162	181.81	7,740	12,003
181.30	7,047	8,232	181.82	7,753	12,080
181.31	7,060	8,303	181.83	7,767	12,158
181.32	7,074	8,374	181.84	7,781	12,236
181.33	7,087	8,444	181.85	7,794	12,314
181.34	7,101	8,515	181.86	7,808	12,392
181.35	7,115	8,586	181.87	7,821	12,470
181.36	7,128	8,658	181.88	7,835	12,548
181.37	7,142	8,729	181.89	7,849	12,626
181.38	7,155	8,800	181.90	7,862	12,705
181.39	7,169	8,872	181.91	7,876	12,784
181.40	7,183	8,944	181.92	7,889	12,863
181.41	7,196	9,016	181.93	7,903	12,941
181.42	7,210	9,088	181.94	7,916	13,021
181.43	7,223	9,160	181.95	7,930	13,100
181.44	7,237	9,232	181.96	7,944	13,179
181.45	7,251	9,305	181.97	7,957	13,259
181.46	7,264	9,377	181.98	7,971	13,338
181.47	7,278	9,450	181.99	7,984	13,418
181.48	7,291	9,523	182.00	7,998	13,498
181.49	7,305	9,596	182.01	8,012	13,578
181.50	7,319	9,669	182.02	8,026	13,658
181.51	7,332	9,742	182.03	8,040	13,739
181.52	7,346	9,816	182.04	8,055	13,819
181.53	7,359	9,889	182.05	8,069	13,900
181.54	7,373	9,963	182.06	8,083	13,980
181.55	7,386	10,036	182.07	8,097	14,061

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,111	14,142	182.60	8,847	18,551
182.09	8,125	14,224	182.61	8,861	18,640
182.10	8,139	14,305	182.62	8,875	18,729
182.11	8,154	14,386	182.63	8,889	18,818
182.12	8,168	14,468	182.64	8,904	18,907
182.13	8,182	14,550	182.65	8,918	18,996
182.14	8,196	14,632	182.66	8,932	19,085
182.15	8,210	14,714	182.67	8,946	19,174
182.16	8,224	14,796	182.68	8,960	19,264
182.17	8,239	14,878	182.69	8,974	19,353
182.18	8,253	14,961	182.70	8,988	19,443
182.19	8,267	15,043	182.71	9,003	19,533
182.20	8,281	15,126	182.72	9,017	19,623
182.21	8,295	15,209	182.73	9,031	19,714
182.22	8,309	15,292	182.74	9,045	19,804
182.23	8,323	15,375	182.75	9,059	19,894
182.24	8,338	15,458	182.76	9,073	19,985
182.25	8,352	15,542	182.77	9,088	20,076
182.26	8,366	15,625	182.78	9,102	20,167
182.27	8,380	15,709	182.79	9,116	20,258
182.28	8,394	15,793	182.80	9,130	20,349
182.29	8,408	15,877	182.81	9,144	20,441
182.30	8,423	15,961	182.82	9,158	20,532
182.31	8,437	16,045	182.83	9,172	20,624
182.32	8,451	16,130	182.84	9,187	20,716
182.33	8,465	16,214	182.85	9,201	20,807
182.34	8,479	16,299	182.86	9,215	20,900
182.35	8,493	16,384	182.87	9,229	20,992
182.36	8,507	16,469	182.88	9,243	21,084
182.37	8,522	16,554	182.89	9,257	21,177
182.38	8,536	16,639	182.90	9,272	21,269
182.39	8,550	16,725	182.91	9,286	21,362
182.40	8,564	16,810	182.92	9,300	21,455
182.41	8,578	16,896	182.93	9,314	21,548
182.42	8,592	16,982	182.94	9,328	21,641
182.43	8,606	17,068	182.95	9,342	21,735
182.44	8,621	17,154	182.96	9,356	21,828
182.45	8,635	17,240	182.97	9,371	21,922
182.46	8,649	17,327	182.98	9,385	22,016
182.47	8,663	17,413	182.99	9,399	22,109
182.48	8,677	17,500	183.00	9,413	22,204
182.49	8,691	17,587	183.01	9,444	22,298
182.50	8,706	17,674	183.02	9,475	22,392
182.51	8,720	17,761	183.03	9,506	22,487
182.52	8,734	17,848	183.04	9,537	22,583
182.53	8,748	17,936	183.05	9,568	22,678
182.54	8,762	18,023	183.06	9,599	22,774
182.55	8,776	18,111	183.07	9,630	22,870
182.56	8,790	18,199	183.08	9,661	22,966
182.57	8,805	18,287	183.09	9,692	23,063
182.58	8,819	18,375	183.10	9,723	23,160
182.59	8,833	18,463	183.11	9,754	23,258

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,785	23,355	183.64	11,398	28,863
183.13	9,816	23,453	183.65	11,429	28,977
183.14	9,847	23,552	183.66	11,460	29,092
183.15	9,878	23,650	183.67	11,491	29,206
183.16	9,909	23,749	183.68	11,522	29,322
183.17	9,940	23,849	183.69	11,553	29,437
183.18	9,971	23,948	183.70	11,584	29,553
183.19	10,002	24,048	183.71	11,615	29,669
183.20	10,033	24,148	183.72	11,646	29,785
183.21	10,064	24,249	183.73	11,677	29,902
183.22	10,095	24,349	183.74	11,708	30,018
183.23	10,126	24,451	183.75	11,740	30,136
183.24	10,157	24,552	183.76	11,771	30,253
183.25	10,189	24,654	183.77	11,802	30,371
183.26	10,220	24,756	183.78	11,833	30,489
183.27	10,251	24,858	183.79	11,864	30,608
183.28	10,282	24,961	183.80	11,895	30,727
183.29	10,313	25,064	183.81	11,926	30,846
183.30	10,344	25,167	183.82	11,957	30,965
183.31	10,375	25,271	183.83	11,988	31,085
183.32	10,406	25,374	183.84	12,019	31,205
183.33	10,437	25,479	183.85	12,050	31,325
183.34	10,468	25,583	183.86	12,081	31,446
183.35	10,499	25,688	183.87	12,112	31,567
183.36	10,530	25,793	183.88	12,143	31,688
183.37	10,561	25,899	183.89	12,174	31,810
183.38	10,592	26,004	183.90	12,205	31,932
183.39	10,623	26,110	183.91	12,236	32,054
183.40	10,654	26,217	183.92	12,267	32,176
183.41	10,685	26,324	183.93	12,298	32,299
183.42	10,716	26,431	183.94	12,329	32,422
183.43	10,747	26,538	183.95	12,360	32,546
183.44	10,778	26,645	183.96	12,391	32,669
183.45	10,809	26,753	183.97	12,422	32,793
183.46	10,840	26,862	183.98	12,453	32,918
183.47	10,871	26,970	183.99	12,484	33,043
183.48	10,902	27,079	184.00	12,515	33,168
183.49	10,933	27,188	184.01	12,531	33,293
183.50	10,964	27,298	184.02	12,547	33,418
183.51	10,995	27,408	184.03	12,563	33,544
183.52	11,026	27,518	184.04	12,580	33,669
183.53	11,057	27,628	184.05	12,596	33,795
183.54	11,088	27,739	184.06	12,612	33,921
183.55	11,119	27,850	184.07	12,628	34,048
183.56	11,150	27,961	184.08	12,644	34,174
183.57	11,181	28,073	184.09	12,660	34,300
183.58	11,212	28,185	184.10	12,676	34,427
183.59	11,243	28,297	184.11	12,692	34,554
183.60	11,274	28,410	184.12	12,709	34,681
183.61	11,305	28,523	184.13	12,725	34,808
183.62	11,336	28,636	184.14	12,741	34,935
183.63	11,367	28,749	184.15	12,757	35,063

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	12,773	35,191	184.68	13,612	42,051
184.17	12,789	35,318	184.69	13,628	42,187
184.18	12,805	35,446	184.70	13,644	42,323
184.19	12,821	35,574	184.71	13,660	42,460
184.20	12,838	35,703	184.72	13,676	42,596
184.21	12,854	35,831	184.73	13,692	42,733
184.22	12,870	35,960	184.74	13,709	42,870
184.23	12,886	36,089	184.75	13,725	43,007
184.24	12,902	36,218	184.76	13,741	43,145
184.25	12,918	36,347	184.77	13,757	43,282
184.26	12,934	36,476	184.78	13,773	43,420
184.27	12,951	36,605	184.79	13,789	43,558
184.28	12,967	36,735	184.80	13,805	43,696
184.29	12,983	36,865	184.81	13,822	43,834
184.30	12,999	36,995	184.82	13,838	43,972
184.31	13,015	37,125	184.83	13,854	44,111
184.32	13,031	37,255	184.84	13,870	44,249
184.33	13,047	37,385	184.85	13,886	44,388
184.34	13,063	37,516	184.86	13,902	44,527
184.35	13,080	37,647	184.87	13,918	44,666
184.36	13,096	37,777	184.88	13,934	44,805
184.37	13,112	37,908	184.89	13,951	44,945
184.38	13,128	38,040	184.90	13,967	45,084
184.39	13,144	38,171	184.91	13,983	45,224
184.40	13,160	38,303	184.92	13,999	45,364
184.41	13,176	38,434	184.93	14,015	45,504
184.42	13,192	38,566	184.94	14,031	45,644
184.43	13,209	38,698	184.95	14,047	45,785
184.44	13,225	38,830	184.96	14,063	45,925
184.45	13,241	38,963	184.97	14,080	46,066
184.46	13,257	39,095	184.98	14,096	46,207
184.47	13,273	39,228	184.99	14,112	46,348
184.48	13,289	39,361	185.00	14,128	46,489
184.49	13,305	39,493	185.01	14,145	46,630
184.50	13,322	39,627	185.02	14,161	46,772
184.51	13,338	39,760	185.03	14,178	46,914
184.52	13,354	39,893	185.04	14,195	47,055
184.53	13,370	40,027	185.05	14,212	47,197
184.54	13,386	40,161	185.06	14,228	47,340
184.55	13,402	40,295	185.07	14,245	47,482
184.56	13,418	40,429	185.08	14,262	47,625
184.57	13,434	40,563	185.09	14,278	47,767
184.58	13,451	40,698	185.10	14,295	47,910
184.59	13,467	40,832	185.11	14,312	48,053
184.60	13,483	40,967	185.12	14,328	48,196
184.61	13,499	41,102	185.13	14,345	48,340
184.62	13,515	41,237	185.14	14,362	48,483
184.63	13,531	41,372	185.15	14,379	48,627
184.64	13,547	41,507	185.16	14,395	48,771
184.65	13,563	41,643	185.17	14,412	48,915
184.66	13,580	41,779	185.18	14,429	49,059
184.67	13,596	41,915	185.19	14,445	49,203

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	14,462	49,348	185.72	15,330	57,094
185.21	14,479	49,493	185.73	15,347	57,247
185.22	14,495	49,638	185.74	15,364	57,401
185.23	14,512	49,783	185.75	15,381	57,555
185.24	14,529	49,928	185.76	15,397	57,709
185.25	14,546	50,073	185.77	15,414	57,863
185.26	14,562	50,219	185.78	15,431	58,017
185.27	14,579	50,364	185.79	15,447	58,171
185.28	14,596	50,510	185.80	15,464	58,326
185.29	14,612	50,656	185.81	15,481	58,481
185.30	14,629	50,803	185.82	15,497	58,635
185.31	14,646	50,949	185.83	15,514	58,790
185.32	14,662	51,095	185.84	15,531	58,946
185.33	14,679	51,242	185.85	15,547	59,101
185.34	14,696	51,389	185.86	15,564	59,257
185.35	14,712	51,536	185.87	15,581	59,412
185.36	14,729	51,683	185.88	15,598	59,568
185.37	14,746	51,831	185.89	15,614	59,724
185.38	14,763	51,978	185.90	15,631	59,881
185.39	14,779	52,126	185.91	15,648	60,037
185.40	14,796	52,274	185.92	15,664	60,194
185.41	14,813	52,422	185.93	15,681	60,350
185.42	14,829	52,570	185.94	15,698	60,507
185.43	14,846	52,718	185.95	15,714	60,664
185.44	14,863	52,867	185.96	15,731	60,821
185.45	14,879	53,016	185.97	15,748	60,979
185.46	14,896	53,165	185.98	15,765	61,136
185.47	14,913	53,314	185.99	15,781	61,294
185.48	14,930	53,463	186.00	15,798	61,452
185.49	14,946	53,612	186.01	15,815	61,610
185.50	14,963	53,762	186.02	15,833	61,768
185.51	14,980	53,911	186.03	15,850	61,927
185.52	14,996	54,061	186.04	15,867	62,085
185.53	15,013	54,211	186.05	15,884	62,244
185.54	15,030	54,362	186.06	15,902	62,403
185.55	15,047	54,512	186.07	15,919	62,562
185.56	15,063	54,663	186.08	15,936	62,721
185.57	15,080	54,813	186.09	15,953	62,881
185.58	15,097	54,964	186.10	15,971	63,040
185.59	15,113	55,115	186.11	15,988	63,200
185.60	15,130	55,266	186.12	16,005	63,360
185.61	15,147	55,418	186.13	16,022	63,520
185.62	15,163	55,569	186.14	16,040	63,681
185.63	15,180	55,721	186.15	16,057	63,841
185.64	15,197	55,873	186.16	16,074	64,002
185.65	15,214	56,025	186.17	16,091	64,163
185.66	15,230	56,177	186.18	16,109	64,324
185.67	15,247	56,330	186.19	16,126	64,485
185.68	15,264	56,482	186.20	16,143	64,646
185.69	15,280	56,635	186.21	16,160	64,808
185.70	15,297	56,788	186.22	16,178	64,969
185.71	15,314	56,941	186.23	16,195	65,131

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	16,212	65,293	186.76	17,110	73,957
186.25	16,230	65,455	186.77	17,127	74,128
186.26	16,247	65,618	186.78	17,144	74,299
186.27	16,264	65,780	186.79	17,162	74,471
186.28	16,281	65,943	186.80	17,179	74,643
186.29	16,299	66,106	186.81	17,196	74,815
186.30	16,316	66,269	186.82	17,213	74,987
186.31	16,333	66,432	186.83	17,231	75,159
186.32	16,350	66,596	186.84	17,248	75,331
186.33	16,368	66,759	186.85	17,265	75,504
186.34	16,385	66,923	186.86	17,282	75,677
186.35	16,402	67,087	186.87	17,300	75,849
186.36	16,419	67,251	186.88	17,317	76,023
186.37	16,437	67,415	186.89	17,334	76,196
186.38	16,454	67,580	186.90	17,351	76,369
186.39	16,471	67,744	186.91	17,369	76,543
186.40	16,488	67,909	186.92	17,386	76,717
186.41	16,506	68,074	186.93	17,403	76,891
186.42	16,523	68,239	186.94	17,420	77,065
186.43	16,540	68,405	186.95	17,438	77,239
186.44	16,557	68,570	186.96	17,455	77,413
186.45	16,575	68,736	186.97	17,472	77,588
186.46	16,592	68,902	186.98	17,489	77,763
186.47	16,609	69,068	186.99	17,507	77,938
186.48	16,626	69,234	187.00	17,524	78,113
186.49	16,644	69,400	187.01	17,542	78,288
186.50	16,661	69,567	187.02	17,560	78,464
186.51	16,678	69,733	187.03	17,578	78,640
186.52	16,696	69,900	187.04	17,595	78,815
186.53	16,713	70,067	187.05	17,613	78,991
186.54	16,730	70,235	187.06	17,631	79,168
186.55	16,747	70,402	187.07	17,649	79,344
186.56	16,765	70,570	187.08	17,667	79,521
186.57	16,782	70,737	187.09	17,685	79,697
186.58	16,799	70,905	187.10	17,703	79,874
186.59	16,816	71,073	187.11	17,720	80,051
186.60	16,834	71,241	187.12	17,738	80,229
186.61	16,851	71,410	187.13	17,756	80,406
186.62	16,868	71,578	187.14	17,774	80,584
186.63	16,885	71,747	187.15	17,792	80,762
186.64	16,903	71,916	187.16	17,810	80,940
186.65	16,920	72,085	187.17	17,828	81,118
186.66	16,937	72,255	187.18	17,845	81,296
186.67	16,954	72,424	187.19	17,863	81,475
186.68	16,972	72,594	187.20	17,881	81,654
186.69	16,989	72,763	187.21	17,899	81,832
186.70	17,006	72,933	187.22	17,917	82,012
186.71	17,023	73,104	187.23	17,935	82,191
186.72	17,041	73,274	187.24	17,953	82,370
186.73	17,058	73,444	187.25	17,971	82,550
186.74	17,075	73,615	187.26	17,988	82,730
186.75	17,093	73,786	187.27	18,006	82,910

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	18,024	83,090	187.80	18,953	92,704
187.29	18,042	83,270	187.81	18,971	92,893
187.30	18,060	83,451	187.82	18,989	93,083
187.31	18,078	83,631	187.83	19,006	93,273
187.32	18,096	83,812	187.84	19,024	93,463
187.33	18,113	83,993	187.85	19,042	93,654
187.34	18,131	84,174	187.86	19,060	93,844
187.35	18,149	84,356	187.87	19,078	94,035
187.36	18,167	84,537	187.88	19,096	94,226
187.37	18,185	84,719	187.89	19,114	94,417
187.38	18,203	84,901	187.90	19,131	94,608
187.39	18,221	85,083	187.91	19,149	94,799
187.40	18,238	85,265	187.92	19,167	94,991
187.41	18,256	85,448	187.93	19,185	95,183
187.42	18,274	85,631	187.94	19,203	95,375
187.43	18,292	85,813	187.95	19,221	95,567
187.44	18,310	85,996	187.96	19,239	95,759
187.45	18,328	86,180	187.97	19,256	95,952
187.46	18,346	86,363	187.98	19,274	96,144
187.47	18,363	86,547	187.99	19,292	96,337
187.48	18,381	86,730	188.00	19,310	96,530
187.49	18,399	86,914			
187.50	18,417	87,098			
187.51	18,435	87,283			
187.52	18,453	87,467			
187.53	18,471	87,652			
187.54	18,488	87,836			
187.55	18,506	88,021			
187.56	18,524	88,206			
187.57	18,542	88,392			
187.58	18,560	88,577			
187.59	18,578	88,763			
187.60	18,596	88,949			
187.61	18,613	89,135			
187.62	18,631	89,321			
187.63	18,649	89,508			
187.64	18,667	89,694			
187.65	18,685	89,881			
187.66	18,703	90,068			
187.67	18,721	90,255			
187.68	18,738	90,442			
187.69	18,756	90,630			
187.70	18,774	90,817			
187.71	18,792	91,005			
187.72	18,810	91,193			
187.73	18,828	91,381			
187.74	18,846	91,570			
187.75	18,864	91,758			
187.76	18,881	91,947			
187.77	18,899	92,136			
187.78	18,917	92,325			
187.79	18,935	92,514			

Summary for Pond B-46B: Basin #46B

Inflow Area = 2.931 ac, 39.13% Impervious, Inflow Depth > 5.68" for Current 100 yr event
 Inflow = 9.83 cfs @ 12.14 hrs, Volume= 1.386 af
 Outflow = 0.27 cfs @ 23.72 hrs, Volume= 0.555 af, Atten= 97%, Lag= 695.0 min
 Primary = 0.27 cfs @ 23.72 hrs, Volume= 0.555 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 185.29' @ 23.72 hrs Surf.Area= 12,804 sf Storage= 48,397 cf

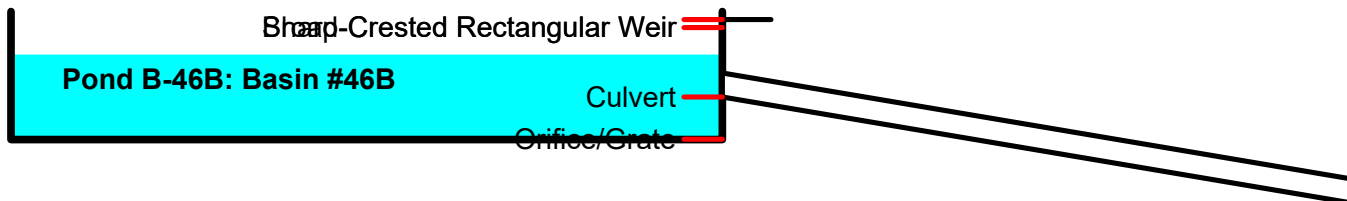
Plug-Flow detention time= 838.5 min calculated for 0.555 af (40% of inflow)
 Center-of-Mass det. time= 694.9 min (1,565.6 - 870.7)

Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	88,429 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,813	0	0
181.00	6,961	6,387	6,387
182.00	8,181	7,571	13,958
183.00	9,471	8,826	22,784
184.00	11,059	10,265	33,049
185.00	12,402	11,731	44,780
186.00	13,803	13,103	57,882
187.00	15,259	14,531	72,413
188.00	16,772	16,016	88,429

Device	Routing	Invert	Outlet Devices
#1	Primary	182.65'	18.0" Round Culvert L= 65.0' Ke= 0.500 Inlet / Outlet Invert= 182.65' / 176.00' S= 0.1023 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	180.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

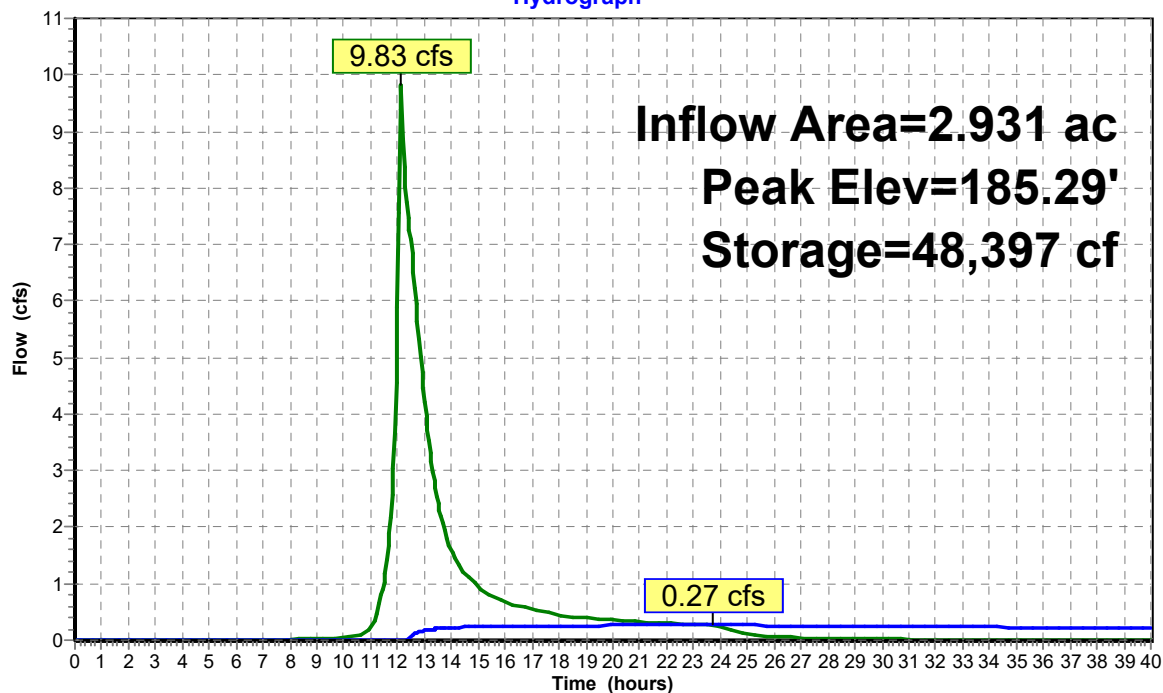
Primary OutFlow Max=0.27 cfs @ 23.72 hrs HW=185.29' (Free Discharge)

- 1=Culvert (Passes 0.27 cfs of 11.69 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 7.82 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-46B: Basin #46B

Hydrograph



Hydrograph for Pond B-46B: Basin #46B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	0	180.00	0.00
1.40	0.00	0	180.00	0.00
1.50	0.00	0	180.00	0.00
1.60	0.00	0	180.00	0.00
1.70	0.00	0	180.00	0.00
1.80	0.00	0	180.00	0.00
1.90	0.00	0	180.00	0.00
2.00	0.00	0	180.00	0.00
2.10	0.00	0	180.00	0.00
2.20	0.00	0	180.00	0.00
2.30	0.00	0	180.00	0.00
2.40	0.00	0	180.00	0.00
2.50	0.00	0	180.00	0.00
2.60	0.00	0	180.00	0.00
2.70	0.00	0	180.00	0.00
2.80	0.00	0	180.00	0.00
2.90	0.00	0	180.00	0.00
3.00	0.00	0	180.00	0.00
3.10	0.00	0	180.00	0.00
3.20	0.00	0	180.00	0.00
3.30	0.00	0	180.00	0.00
3.40	0.00	0	180.00	0.00
3.50	0.00	0	180.00	0.00
3.60	0.00	0	180.00	0.00
3.70	0.00	0	180.00	0.00
3.80	0.00	0	180.00	0.00
3.90	0.00	0	180.00	0.00
4.00	0.00	0	180.00	0.00
4.10	0.00	0	180.00	0.00
4.20	0.00	0	180.00	0.00
4.30	0.00	0	180.00	0.00
4.40	0.00	0	180.00	0.00
4.50	0.00	0	180.00	0.00
4.60	0.00	0	180.00	0.00
4.70	0.00	0	180.00	0.00
4.80	0.00	0	180.00	0.00
4.90	0.00	0	180.00	0.00
5.00	0.00	0	180.00	0.00
5.10	0.00	0	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	180.00	0.00
5.30	0.00	0	180.00	0.00
5.40	0.00	0	180.00	0.00
5.50	0.00	0	180.00	0.00
5.60	0.00	0	180.00	0.00
5.70	0.00	0	180.00	0.00
5.80	0.00	0	180.00	0.00
5.90	0.00	0	180.00	0.00
6.00	0.00	0	180.00	0.00
6.10	0.00	0	180.00	0.00
6.20	0.00	0	180.00	0.00
6.30	0.00	0	180.00	0.00
6.40	0.00	0	180.00	0.00
6.50	0.00	0	180.00	0.00
6.60	0.00	1	180.00	0.00
6.70	0.00	2	180.00	0.00
6.80	0.00	3	180.00	0.00
6.90	0.00	4	180.00	0.00
7.00	0.00	5	180.00	0.00
7.10	0.01	7	180.00	0.00
7.20	0.01	9	180.00	0.00
7.30	0.01	11	180.00	0.00
7.40	0.01	14	180.00	0.00
7.50	0.01	17	180.00	0.00
7.60	0.01	20	180.00	0.00
7.70	0.01	24	180.00	0.00
7.80	0.01	28	180.00	0.00
7.90	0.01	32	180.01	0.00
8.00	0.01	37	180.01	0.00
8.10	0.01	42	180.01	0.00
8.20	0.02	47	180.01	0.00
8.30	0.02	53	180.01	0.00
8.40	0.02	59	180.01	0.00
8.50	0.02	66	180.01	0.00
8.60	0.02	73	180.01	0.00
8.70	0.02	81	180.01	0.00
8.80	0.02	89	180.02	0.00
8.90	0.02	97	180.02	0.00
9.00	0.03	106	180.02	0.00
9.10	0.03	116	180.02	0.00
9.20	0.03	126	180.02	0.00
9.30	0.03	137	180.02	0.00
9.40	0.04	150	180.03	0.00
9.50	0.04	163	180.03	0.00
9.60	0.04	177	180.03	0.00
9.70	0.04	193	180.03	0.00
9.80	0.05	209	180.04	0.00
9.90	0.05	227	180.04	0.00
10.00	0.06	247	180.04	0.00
10.10	0.06	267	180.05	0.00
10.20	0.06	289	180.05	0.00
10.30	0.07	313	180.05	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.07	338	180.06	0.00
10.50	0.08	364	180.06	0.00
10.60	0.09	393	180.07	0.00
10.70	0.10	426	180.07	0.00
10.80	0.12	464	180.08	0.00
10.90	0.15	511	180.09	0.00
11.00	0.21	575	180.10	0.00
11.10	0.31	666	180.11	0.00
11.20	0.44	799	180.14	0.00
11.30	0.60	985	180.17	0.00
11.40	0.79	1,235	180.21	0.00
11.50	1.01	1,560	180.26	0.00
11.60	1.44	1,994	180.33	0.00
11.70	1.89	2,595	180.43	0.00
11.80	2.58	3,390	180.55	0.00
11.90	3.67	4,502	180.72	0.00
12.00	5.90	6,186	180.97	0.00
12.10	9.38	8,924	181.35	0.00
12.20	8.88	12,332	181.80	0.00
12.30	8.02	15,358	182.17	0.00
12.40	7.48	18,150	182.49	0.00
12.50	7.09	20,765	182.78	0.06
12.60	6.51	23,192	183.04	0.10
12.70	5.96	25,392	183.27	0.13
12.80	5.33	27,375	183.47	0.15
12.90	4.74	29,131	183.64	0.16
13.00	4.21	30,682	183.78	0.17
13.10	3.74	32,046	183.91	0.18
13.20	3.33	33,249	184.02	0.19
13.30	2.98	34,315	184.11	0.20
13.40	2.69	35,262	184.20	0.20
13.50	2.42	36,107	184.27	0.21
13.60	2.19	36,860	184.34	0.21
13.70	2.00	37,535	184.40	0.22
13.80	1.84	38,146	184.45	0.22
13.90	1.71	38,704	184.50	0.22
14.00	1.59	39,216	184.54	0.23
14.10	1.49	39,688	184.58	0.23
14.20	1.40	40,126	184.62	0.23
14.30	1.33	40,534	184.65	0.23
14.40	1.25	40,915	184.68	0.23
14.50	1.19	41,270	184.71	0.24
14.60	1.13	41,604	184.74	0.24
14.70	1.08	41,917	184.77	0.24
14.80	1.03	42,211	184.79	0.24
14.90	0.98	42,487	184.81	0.24
15.00	0.94	42,745	184.83	0.24
15.10	0.89	42,987	184.85	0.24
15.20	0.86	43,215	184.87	0.24
15.30	0.83	43,430	184.89	0.25
15.40	0.80	43,635	184.91	0.25
15.50	0.78	43,830	184.92	0.25

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.75	44,015	184.94	0.25
15.70	0.73	44,193	184.95	0.25
15.80	0.71	44,362	184.97	0.25
15.90	0.69	44,525	184.98	0.25
16.00	0.68	44,681	184.99	0.25
16.10	0.66	44,830	185.00	0.25
16.20	0.65	44,975	185.02	0.25
16.30	0.63	45,114	185.03	0.25
16.40	0.62	45,248	185.04	0.25
16.50	0.61	45,378	185.05	0.25
16.60	0.60	45,503	185.06	0.25
16.70	0.58	45,624	185.07	0.26
16.80	0.57	45,740	185.08	0.26
16.90	0.56	45,852	185.09	0.26
17.00	0.55	45,961	185.09	0.26
17.10	0.54	46,065	185.10	0.26
17.20	0.53	46,166	185.11	0.26
17.30	0.52	46,262	185.12	0.26
17.40	0.51	46,355	185.13	0.26
17.50	0.50	46,444	185.13	0.26
17.60	0.49	46,529	185.14	0.26
17.70	0.48	46,611	185.15	0.26
17.80	0.47	46,689	185.15	0.26
17.90	0.46	46,763	185.16	0.26
18.00	0.45	46,834	185.16	0.26
18.10	0.44	46,901	185.17	0.26
18.20	0.43	46,965	185.17	0.26
18.30	0.43	47,026	185.18	0.26
18.40	0.42	47,085	185.18	0.26
18.50	0.42	47,141	185.19	0.26
18.60	0.41	47,196	185.19	0.26
18.70	0.41	47,248	185.20	0.26
18.80	0.40	47,299	185.20	0.26
18.90	0.40	47,348	185.20	0.26
19.00	0.39	47,396	185.21	0.26
19.10	0.39	47,442	185.21	0.26
19.20	0.38	47,487	185.22	0.26
19.30	0.38	47,530	185.22	0.26
19.40	0.38	47,571	185.22	0.26
19.50	0.37	47,612	185.23	0.26
19.60	0.37	47,651	185.23	0.26
19.70	0.37	47,689	185.23	0.26
19.80	0.36	47,725	185.23	0.26
19.90	0.36	47,761	185.24	0.26
20.00	0.36	47,796	185.24	0.26
20.10	0.36	47,829	185.24	0.26
20.20	0.35	47,861	185.24	0.26
20.30	0.35	47,892	185.25	0.26
20.40	0.35	47,922	185.25	0.26
20.50	0.34	47,951	185.25	0.26
20.60	0.34	47,979	185.25	0.26
20.70	0.34	48,007	185.26	0.26

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	48,033	185.26	0.27
20.90	0.33	48,058	185.26	0.27
21.00	0.33	48,082	185.26	0.27
21.10	0.33	48,105	185.26	0.27
21.20	0.33	48,127	185.27	0.27
21.30	0.32	48,149	185.27	0.27
21.40	0.32	48,169	185.27	0.27
21.50	0.32	48,189	185.27	0.27
21.60	0.32	48,207	185.27	0.27
21.70	0.31	48,225	185.27	0.27
21.80	0.31	48,242	185.27	0.27
21.90	0.31	48,258	185.28	0.27
22.00	0.31	48,273	185.28	0.27
22.10	0.30	48,287	185.28	0.27
22.20	0.30	48,300	185.28	0.27
22.30	0.30	48,313	185.28	0.27
22.40	0.30	48,324	185.28	0.27
22.50	0.29	48,335	185.28	0.27
22.60	0.29	48,345	185.28	0.27
22.70	0.29	48,354	185.28	0.27
22.80	0.29	48,362	185.28	0.27
22.90	0.29	48,369	185.28	0.27
23.00	0.28	48,376	185.29	0.27
23.10	0.28	48,382	185.29	0.27
23.20	0.28	48,386	185.29	0.27
23.30	0.28	48,390	185.29	0.27
23.40	0.27	48,393	185.29	0.27
23.50	0.27	48,396	185.29	0.27
23.60	0.27	48,397	185.29	0.27
23.70	0.27	48,397	185.29	0.27
23.80	0.26	48,397	185.29	0.27
23.90	0.26	48,396	185.29	0.27
24.00	0.27	48,395	185.29	0.27
24.10	0.23	48,390	185.29	0.27
24.20	0.20	48,371	185.28	0.27
24.30	0.18	48,344	185.28	0.27
24.40	0.17	48,312	185.28	0.27
24.50	0.16	48,276	185.28	0.27
24.60	0.15	48,235	185.27	0.27
24.70	0.14	48,191	185.27	0.27
24.80	0.13	48,143	185.27	0.27
24.90	0.12	48,092	185.26	0.27
25.00	0.11	48,038	185.26	0.27
25.10	0.10	47,981	185.25	0.26
25.20	0.10	47,922	185.25	0.26
25.30	0.09	47,860	185.24	0.26
25.40	0.09	47,796	185.24	0.26
25.50	0.08	47,732	185.23	0.26
25.60	0.08	47,666	185.23	0.26
25.70	0.08	47,599	185.22	0.26
25.80	0.07	47,531	185.22	0.26
25.90	0.07	47,462	185.21	0.26

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.07	47,392	185.21	0.26
26.10	0.06	47,320	185.20	0.26
26.20	0.06	47,248	185.20	0.26
26.30	0.06	47,175	185.19	0.26
26.40	0.06	47,102	185.19	0.26
26.50	0.05	47,027	185.18	0.26
26.60	0.05	46,952	185.17	0.26
26.70	0.05	46,876	185.17	0.26
26.80	0.05	46,799	185.16	0.26
26.90	0.04	46,722	185.16	0.26
27.00	0.04	46,644	185.15	0.26
27.10	0.04	46,566	185.14	0.26
27.20	0.04	46,487	185.14	0.26
27.30	0.04	46,407	185.13	0.26
27.40	0.04	46,327	185.12	0.26
27.50	0.03	46,247	185.12	0.26
27.60	0.03	46,166	185.11	0.26
27.70	0.03	46,085	185.10	0.26
27.80	0.03	46,003	185.10	0.26
27.90	0.03	45,921	185.09	0.26
28.00	0.03	45,839	185.08	0.26
28.10	0.03	45,757	185.08	0.26
28.20	0.02	45,674	185.07	0.26
28.30	0.02	45,591	185.07	0.26
28.40	0.02	45,507	185.06	0.25
28.50	0.02	45,424	185.05	0.25
28.60	0.02	45,340	185.05	0.25
28.70	0.02	45,256	185.04	0.25
28.80	0.02	45,172	185.03	0.25
28.90	0.02	45,089	185.02	0.25
29.00	0.02	45,005	185.02	0.25
29.10	0.02	44,922	185.01	0.25
29.20	0.02	44,838	185.00	0.25
29.30	0.02	44,754	185.00	0.25
29.40	0.02	44,671	184.99	0.25
29.50	0.02	44,588	184.98	0.25
29.60	0.02	44,504	184.98	0.25
29.70	0.02	44,421	184.97	0.25
29.80	0.02	44,337	184.96	0.25
29.90	0.02	44,254	184.96	0.25
30.00	0.02	44,171	184.95	0.25
30.10	0.02	44,088	184.94	0.25
30.20	0.02	44,004	184.94	0.25
30.30	0.02	43,921	184.93	0.25
30.40	0.02	43,838	184.92	0.25
30.50	0.02	43,755	184.92	0.25
30.60	0.02	43,672	184.91	0.25
30.70	0.02	43,589	184.90	0.25
30.80	0.02	43,506	184.90	0.25
30.90	0.02	43,423	184.89	0.25
31.00	0.02	43,341	184.88	0.25
31.10	0.02	43,258	184.88	0.24

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.01	43,175	184.87	0.24
31.30	0.01	43,093	184.86	0.24
31.40	0.01	43,010	184.86	0.24
31.50	0.01	42,928	184.85	0.24
31.60	0.01	42,845	184.84	0.24
31.70	0.01	42,763	184.84	0.24
31.80	0.01	42,681	184.83	0.24
31.90	0.01	42,598	184.82	0.24
32.00	0.01	42,516	184.82	0.24
32.10	0.01	42,434	184.81	0.24
32.20	0.01	42,352	184.80	0.24
32.30	0.01	42,270	184.80	0.24
32.40	0.01	42,188	184.79	0.24
32.50	0.01	42,106	184.78	0.24
32.60	0.01	42,025	184.78	0.24
32.70	0.01	41,943	184.77	0.24
32.80	0.01	41,861	184.76	0.24
32.90	0.01	41,780	184.75	0.24
33.00	0.01	41,698	184.75	0.24
33.10	0.01	41,617	184.74	0.24
33.20	0.01	41,536	184.73	0.24
33.30	0.01	41,455	184.73	0.24
33.40	0.01	41,374	184.72	0.24
33.50	0.01	41,293	184.71	0.24
33.60	0.01	41,212	184.71	0.24
33.70	0.01	41,131	184.70	0.24
33.80	0.01	41,050	184.69	0.23
33.90	0.01	40,969	184.69	0.23
34.00	0.01	40,889	184.68	0.23
34.10	0.01	40,808	184.67	0.23
34.20	0.01	40,728	184.67	0.23
34.30	0.01	40,648	184.66	0.23
34.40	0.01	40,567	184.65	0.23
34.50	0.01	40,487	184.65	0.23
34.60	0.01	40,407	184.64	0.23
34.70	0.01	40,327	184.63	0.23
34.80	0.01	40,247	184.63	0.23
34.90	0.01	40,168	184.62	0.23
35.00	0.01	40,088	184.61	0.23
35.10	0.01	40,008	184.61	0.23
35.20	0.01	39,929	184.60	0.23
35.30	0.01	39,849	184.59	0.23
35.40	0.01	39,770	184.59	0.23
35.50	0.01	39,691	184.58	0.23
35.60	0.01	39,612	184.57	0.23
35.70	0.01	39,533	184.57	0.23
35.80	0.01	39,454	184.56	0.23
35.90	0.01	39,375	184.55	0.23
36.00	0.01	39,297	184.55	0.23
36.10	0.01	39,218	184.54	0.23
36.20	0.01	39,140	184.53	0.23
36.30	0.01	39,061	184.53	0.22

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	38,983	184.52	0.22
36.50	0.01	38,905	184.51	0.22
36.60	0.01	38,827	184.51	0.22
36.70	0.01	38,749	184.50	0.22
36.80	0.01	38,671	184.49	0.22
36.90	0.01	38,594	184.49	0.22
37.00	0.01	38,516	184.48	0.22
37.10	0.01	38,439	184.47	0.22
37.20	0.01	38,361	184.47	0.22
37.30	0.01	38,284	184.46	0.22
37.40	0.01	38,207	184.45	0.22
37.50	0.01	38,130	184.45	0.22
37.60	0.01	38,053	184.44	0.22
37.70	0.01	37,976	184.43	0.22
37.80	0.01	37,899	184.43	0.22
37.90	0.01	37,823	184.42	0.22
38.00	0.01	37,746	184.41	0.22
38.10	0.01	37,670	184.41	0.22
38.20	0.01	37,594	184.40	0.22
38.30	0.01	37,518	184.39	0.22
38.40	0.01	37,442	184.39	0.22
38.50	0.01	37,366	184.38	0.22
38.60	0.01	37,290	184.37	0.22
38.70	0.01	37,215	184.37	0.22
38.80	0.01	37,139	184.36	0.21
38.90	0.01	37,064	184.36	0.21
39.00	0.01	36,988	184.35	0.21
39.10	0.00	36,913	184.34	0.21
39.20	0.00	36,838	184.34	0.21
39.30	0.00	36,763	184.33	0.21
39.40	0.00	36,689	184.32	0.21
39.50	0.00	36,614	184.32	0.21
39.60	0.00	36,540	184.31	0.21
39.70	0.00	36,465	184.30	0.21
39.80	0.00	36,391	184.30	0.21
39.90	0.00	36,317	184.29	0.21
40.00	0.00	36,243	184.28	0.21

Stage-Discharge for Pond B-46B: Basin #46B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.00
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.00
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.00
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.00
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.00
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.00
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.00
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.00
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.00
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.00
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.00
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.00
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.00
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.00
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.00
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.00
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.00
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.00
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.00
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.00
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.00
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.00
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.00
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.00
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.00
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.00
180.26	0.00	180.78	0.00	181.30	0.00	181.82	0.00
180.27	0.00	180.79	0.00	181.31	0.00	181.83	0.00
180.28	0.00	180.80	0.00	181.32	0.00	181.84	0.00
180.29	0.00	180.81	0.00	181.33	0.00	181.85	0.00
180.30	0.00	180.82	0.00	181.34	0.00	181.86	0.00
180.31	0.00	180.83	0.00	181.35	0.00	181.87	0.00
180.32	0.00	180.84	0.00	181.36	0.00	181.88	0.00
180.33	0.00	180.85	0.00	181.37	0.00	181.89	0.00
180.34	0.00	180.86	0.00	181.38	0.00	181.90	0.00
180.35	0.00	180.87	0.00	181.39	0.00	181.91	0.00
180.36	0.00	180.88	0.00	181.40	0.00	181.92	0.00
180.37	0.00	180.89	0.00	181.41	0.00	181.93	0.00
180.38	0.00	180.90	0.00	181.42	0.00	181.94	0.00
180.39	0.00	180.91	0.00	181.43	0.00	181.95	0.00
180.40	0.00	180.92	0.00	181.44	0.00	181.96	0.00
180.41	0.00	180.93	0.00	181.45	0.00	181.97	0.00
180.42	0.00	180.94	0.00	181.46	0.00	181.98	0.00
180.43	0.00	180.95	0.00	181.47	0.00	181.99	0.00
180.44	0.00	180.96	0.00	181.48	0.00	182.00	0.00
180.45	0.00	180.97	0.00	181.49	0.00	182.01	0.00
180.46	0.00	180.98	0.00	181.50	0.00	182.02	0.00
180.47	0.00	180.99	0.00	181.51	0.00	182.03	0.00
180.48	0.00	181.00	0.00	181.52	0.00	182.04	0.00
180.49	0.00	181.01	0.00	181.53	0.00	182.05	0.00
180.50	0.00	181.02	0.00	181.54	0.00	182.06	0.00
180.51	0.00	181.03	0.00	181.55	0.00	182.07	0.00

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.00	182.60	0.00	183.12	0.11	183.64	0.16
182.09	0.00	182.61	0.00	183.13	0.11	183.65	0.16
182.10	0.00	182.62	0.00	183.14	0.11	183.66	0.16
182.11	0.00	182.63	0.00	183.15	0.12	183.67	0.17
182.12	0.00	182.64	0.00	183.16	0.12	183.68	0.17
182.13	0.00	182.65	0.00	183.17	0.12	183.69	0.17
182.14	0.00	182.66	0.00	183.18	0.12	183.70	0.17
182.15	0.00	182.67	0.00	183.19	0.12	183.71	0.17
182.16	0.00	182.68	0.00	183.20	0.12	183.72	0.17
182.17	0.00	182.69	0.01	183.21	0.12	183.73	0.17
182.18	0.00	182.70	0.01	183.22	0.12	183.74	0.17
182.19	0.00	182.71	0.02	183.23	0.13	183.75	0.17
182.20	0.00	182.72	0.03	183.24	0.13	183.76	0.17
182.21	0.00	182.73	0.04	183.25	0.13	183.77	0.17
182.22	0.00	182.74	0.04	183.26	0.13	183.78	0.17
182.23	0.00	182.75	0.05	183.27	0.13	183.79	0.18
182.24	0.00	182.76	0.05	183.28	0.13	183.80	0.18
182.25	0.00	182.77	0.06	183.29	0.13	183.81	0.18
182.26	0.00	182.78	0.06	183.30	0.13	183.82	0.18
182.27	0.00	182.79	0.06	183.31	0.13	183.83	0.18
182.28	0.00	182.80	0.06	183.32	0.13	183.84	0.18
182.29	0.00	182.81	0.07	183.33	0.14	183.85	0.18
182.30	0.00	182.82	0.07	183.34	0.14	183.86	0.18
182.31	0.00	182.83	0.07	183.35	0.14	183.87	0.18
182.32	0.00	182.84	0.07	183.36	0.14	183.88	0.18
182.33	0.00	182.85	0.07	183.37	0.14	183.89	0.18
182.34	0.00	182.86	0.08	183.38	0.14	183.90	0.18
182.35	0.00	182.87	0.08	183.39	0.14	183.91	0.18
182.36	0.00	182.88	0.08	183.40	0.14	183.92	0.18
182.37	0.00	182.89	0.08	183.41	0.14	183.93	0.19
182.38	0.00	182.90	0.08	183.42	0.14	183.94	0.19
182.39	0.00	182.91	0.08	183.43	0.14	183.95	0.19
182.40	0.00	182.92	0.09	183.44	0.15	183.96	0.19
182.41	0.00	182.93	0.09	183.45	0.15	183.97	0.19
182.42	0.00	182.94	0.09	183.46	0.15	183.98	0.19
182.43	0.00	182.95	0.09	183.47	0.15	183.99	0.19
182.44	0.00	182.96	0.09	183.48	0.15	184.00	0.19
182.45	0.00	182.97	0.09	183.49	0.15	184.01	0.19
182.46	0.00	182.98	0.09	183.50	0.15	184.02	0.19
182.47	0.00	182.99	0.10	183.51	0.15	184.03	0.19
182.48	0.00	183.00	0.10	183.52	0.15	184.04	0.19
182.49	0.00	183.01	0.10	183.53	0.15	184.05	0.19
182.50	0.00	183.02	0.10	183.54	0.15	184.06	0.19
182.51	0.00	183.03	0.10	183.55	0.16	184.07	0.20
182.52	0.00	183.04	0.10	183.56	0.16	184.08	0.20
182.53	0.00	183.05	0.10	183.57	0.16	184.09	0.20
182.54	0.00	183.06	0.11	183.58	0.16	184.10	0.20
182.55	0.00	183.07	0.11	183.59	0.16	184.11	0.20
182.56	0.00	183.08	0.11	183.60	0.16	184.12	0.20
182.57	0.00	183.09	0.11	183.61	0.16	184.13	0.20
182.58	0.00	183.10	0.11	183.62	0.16	184.14	0.20
182.59	0.00	183.11	0.11	183.63	0.16	184.15	0.20

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	0.20	184.68	0.23	185.20	0.26	185.72	0.29
184.17	0.20	184.69	0.23	185.21	0.26	185.73	0.29
184.18	0.20	184.70	0.24	185.22	0.26	185.74	0.29
184.19	0.20	184.71	0.24	185.23	0.26	185.75	0.29
184.20	0.20	184.72	0.24	185.24	0.26	185.76	0.29
184.21	0.21	184.73	0.24	185.25	0.26	185.77	0.29
184.22	0.21	184.74	0.24	185.26	0.27	185.78	0.29
184.23	0.21	184.75	0.24	185.27	0.27	185.79	0.29
184.24	0.21	184.76	0.24	185.28	0.27	185.80	0.29
184.25	0.21	184.77	0.24	185.29	0.27	185.81	0.29
184.26	0.21	184.78	0.24	185.30	0.27	185.82	0.29
184.27	0.21	184.79	0.24	185.31	0.27	185.83	0.29
184.28	0.21	184.80	0.24	185.32	0.27	185.84	0.29
184.29	0.21	184.81	0.24	185.33	0.27	185.85	0.29
184.30	0.21	184.82	0.24	185.34	0.27	185.86	0.29
184.31	0.21	184.83	0.24	185.35	0.27	185.87	0.29
184.32	0.21	184.84	0.24	185.36	0.27	185.88	0.29
184.33	0.21	184.85	0.24	185.37	0.27	185.89	0.30
184.34	0.21	184.86	0.24	185.38	0.27	185.90	0.30
184.35	0.21	184.87	0.24	185.39	0.27	185.91	0.30
184.36	0.21	184.88	0.25	185.40	0.27	185.92	0.30
184.37	0.22	184.89	0.25	185.41	0.27	185.93	0.30
184.38	0.22	184.90	0.25	185.42	0.27	185.94	0.30
184.39	0.22	184.91	0.25	185.43	0.27	185.95	0.30
184.40	0.22	184.92	0.25	185.44	0.27	185.96	0.30
184.41	0.22	184.93	0.25	185.45	0.27	185.97	0.30
184.42	0.22	184.94	0.25	185.46	0.28	185.98	0.30
184.43	0.22	184.95	0.25	185.47	0.28	185.99	0.30
184.44	0.22	184.96	0.25	185.48	0.28	186.00	0.30
184.45	0.22	184.97	0.25	185.49	0.28	186.01	0.30
184.46	0.22	184.98	0.25	185.50	0.28	186.02	0.30
184.47	0.22	184.99	0.25	185.51	0.28	186.03	0.30
184.48	0.22	185.00	0.25	185.52	0.28	186.04	0.30
184.49	0.22	185.01	0.25	185.53	0.28	186.05	0.30
184.50	0.22	185.02	0.25	185.54	0.28	186.06	0.30
184.51	0.22	185.03	0.25	185.55	0.28	186.07	0.30
184.52	0.22	185.04	0.25	185.56	0.28	186.08	0.30
184.53	0.23	185.05	0.25	185.57	0.28	186.09	0.30
184.54	0.23	185.06	0.25	185.58	0.28	186.10	0.30
184.55	0.23	185.07	0.26	185.59	0.28	186.11	0.31
184.56	0.23	185.08	0.26	185.60	0.28	186.12	0.31
184.57	0.23	185.09	0.26	185.61	0.28	186.13	0.31
184.58	0.23	185.10	0.26	185.62	0.28	186.14	0.31
184.59	0.23	185.11	0.26	185.63	0.28	186.15	0.31
184.60	0.23	185.12	0.26	185.64	0.28	186.16	0.31
184.61	0.23	185.13	0.26	185.65	0.28	186.17	0.31
184.62	0.23	185.14	0.26	185.66	0.28	186.18	0.31
184.63	0.23	185.15	0.26	185.67	0.29	186.19	0.31
184.64	0.23	185.16	0.26	185.68	0.29	186.20	0.31
184.65	0.23	185.17	0.26	185.69	0.29	186.21	0.31
184.66	0.23	185.18	0.26	185.70	0.29	186.22	0.31
184.67	0.23	185.19	0.26	185.71	0.29	186.23	0.31

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	0.31	186.76	0.33	187.28	2.26	187.80	29.53
186.25	0.31	186.77	0.33	187.29	2.37	187.81	30.79
186.26	0.31	186.78	0.33	187.30	2.47	187.82	32.07
186.27	0.31	186.79	0.33	187.31	2.58	187.83	33.39
186.28	0.31	186.80	0.33	187.32	2.68	187.84	34.72
186.29	0.31	186.81	0.33	187.33	2.79	187.85	36.09
186.30	0.31	186.82	0.34	187.34	2.90	187.86	37.47
186.31	0.31	186.83	0.34	187.35	3.02	187.87	38.89
186.32	0.31	186.84	0.34	187.36	3.13	187.88	40.32
186.33	0.31	186.85	0.34	187.37	3.25	187.89	41.78
186.34	0.32	186.86	0.34	187.38	3.36	187.90	43.27
186.35	0.32	186.87	0.34	187.39	3.48	187.91	44.81
186.36	0.32	186.88	0.34	187.40	3.60	187.92	46.38
186.37	0.32	186.89	0.34	187.41	3.72	187.93	47.97
186.38	0.32	186.90	0.34	187.42	3.84	187.94	49.59
186.39	0.32	186.91	0.34	187.43	3.97	187.95	51.23
186.40	0.32	186.92	0.34	187.44	4.09	187.96	52.91
186.41	0.32	186.93	0.34	187.45	4.22	187.97	54.61
186.42	0.32	186.94	0.34	187.46	4.35	187.98	56.33
186.43	0.32	186.95	0.34	187.47	4.48	187.99	58.09
186.44	0.32	186.96	0.34	187.48	4.61	188.00	59.87
186.45	0.32	186.97	0.34	187.49	4.74		
186.46	0.32	186.98	0.34	187.50	4.87		
186.47	0.32	186.99	0.34	187.51	5.12		
186.48	0.32	187.00	0.34	187.52	5.47		
186.49	0.32	187.01	0.36	187.53	5.88		
186.50	0.32	187.02	0.38	187.54	6.35		
186.51	0.32	187.03	0.41	187.55	6.86		
186.52	0.32	187.04	0.45	187.56	7.42		
186.53	0.32	187.05	0.49	187.57	8.01		
186.54	0.32	187.06	0.54	187.58	8.63		
186.55	0.32	187.07	0.59	187.59	9.29		
186.56	0.32	187.08	0.64	187.60	9.98		
186.57	0.32	187.09	0.70	187.61	10.70		
186.58	0.33	187.10	0.76	187.62	11.45		
186.59	0.33	187.11	0.82	187.63	12.22		
186.60	0.33	187.12	0.89	187.64	13.02		
186.61	0.33	187.13	0.96	187.65	13.84		
186.62	0.33	187.14	1.03	187.66	14.69		
186.63	0.33	187.15	1.10	187.67	15.57		
186.64	0.33	187.16	1.18	187.68	16.47		
186.65	0.33	187.17	1.26	187.69	17.38		
186.66	0.33	187.18	1.34	187.70	18.33		
186.67	0.33	187.19	1.42	187.71	19.33		
186.68	0.33	187.20	1.51	187.72	20.36		
186.69	0.33	187.21	1.60	187.73	21.41		
186.70	0.33	187.22	1.69	187.74	22.49		
186.71	0.33	187.23	1.78	187.75	23.60		
186.72	0.33	187.24	1.87	187.76	24.73		
186.73	0.33	187.25	1.97	187.77	25.89		
186.74	0.33	187.26	2.06	187.78	27.08		
186.75	0.33	187.27	2.16	187.79	28.29		

Stage-Area-Storage for Pond B-46B: Basin #46B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,813	0	180.52	6,410	3,178
180.01	5,824	58	180.53	6,421	3,242
180.02	5,836	116	180.54	6,433	3,306
180.03	5,847	175	180.55	6,444	3,371
180.04	5,859	233	180.56	6,456	3,435
180.05	5,870	292	180.57	6,467	3,500
180.06	5,882	351	180.58	6,479	3,565
180.07	5,893	410	180.59	6,490	3,629
180.08	5,905	469	180.60	6,502	3,694
180.09	5,916	528	180.61	6,513	3,760
180.10	5,928	587	180.62	6,525	3,825
180.11	5,939	646	180.63	6,536	3,890
180.12	5,951	706	180.64	6,548	3,955
180.13	5,962	765	180.65	6,559	4,021
180.14	5,974	825	180.66	6,571	4,087
180.15	5,985	885	180.67	6,582	4,152
180.16	5,997	945	180.68	6,594	4,218
180.17	6,008	1,005	180.69	6,605	4,284
180.18	6,020	1,065	180.70	6,617	4,350
180.19	6,031	1,125	180.71	6,628	4,417
180.20	6,043	1,186	180.72	6,640	4,483
180.21	6,054	1,246	180.73	6,651	4,549
180.22	6,066	1,307	180.74	6,663	4,616
180.23	6,077	1,367	180.75	6,674	4,683
180.24	6,089	1,428	180.76	6,685	4,749
180.25	6,100	1,489	180.77	6,697	4,816
180.26	6,111	1,550	180.78	6,708	4,883
180.27	6,123	1,611	180.79	6,720	4,951
180.28	6,134	1,673	180.80	6,731	5,018
180.29	6,146	1,734	180.81	6,743	5,085
180.30	6,157	1,796	180.82	6,754	5,153
180.31	6,169	1,857	180.83	6,766	5,220
180.32	6,180	1,919	180.84	6,777	5,288
180.33	6,192	1,981	180.85	6,789	5,356
180.34	6,203	2,043	180.86	6,800	5,424
180.35	6,215	2,105	180.87	6,812	5,492
180.36	6,226	2,167	180.88	6,823	5,560
180.37	6,238	2,229	180.89	6,835	5,628
180.38	6,249	2,292	180.90	6,846	5,697
180.39	6,261	2,354	180.91	6,858	5,765
180.40	6,272	2,417	180.92	6,869	5,834
180.41	6,284	2,480	180.93	6,881	5,903
180.42	6,295	2,543	180.94	6,892	5,971
180.43	6,307	2,606	180.95	6,904	6,040
180.44	6,318	2,669	180.96	6,915	6,109
180.45	6,330	2,732	180.97	6,927	6,179
180.46	6,341	2,795	180.98	6,938	6,248
180.47	6,353	2,859	180.99	6,950	6,317
180.48	6,364	2,922	181.00	6,961	6,387
180.49	6,376	2,986	181.01	6,973	6,457
180.50	6,387	3,050	181.02	6,985	6,526
180.51	6,398	3,114	181.03	6,998	6,596

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	7,010	6,666	181.56	7,644	10,476
181.05	7,022	6,737	181.57	7,656	10,553
181.06	7,034	6,807	181.58	7,669	10,630
181.07	7,046	6,877	181.59	7,681	10,706
181.08	7,059	6,948	181.60	7,693	10,783
181.09	7,071	7,018	181.61	7,705	10,860
181.10	7,083	7,089	181.62	7,717	10,937
181.11	7,095	7,160	181.63	7,730	11,015
181.12	7,107	7,231	181.64	7,742	11,092
181.13	7,120	7,302	181.65	7,754	11,169
181.14	7,132	7,373	181.66	7,766	11,247
181.15	7,144	7,445	181.67	7,778	11,325
181.16	7,156	7,516	181.68	7,791	11,403
181.17	7,168	7,588	181.69	7,803	11,481
181.18	7,181	7,660	181.70	7,815	11,559
181.19	7,193	7,732	181.71	7,827	11,637
181.20	7,205	7,804	181.72	7,839	11,715
181.21	7,217	7,876	181.73	7,852	11,794
181.22	7,229	7,948	181.74	7,864	11,872
181.23	7,242	8,020	181.75	7,876	11,951
181.24	7,254	8,093	181.76	7,888	12,030
181.25	7,266	8,165	181.77	7,900	12,109
181.26	7,278	8,238	181.78	7,913	12,188
181.27	7,290	8,311	181.79	7,925	12,267
181.28	7,303	8,384	181.80	7,937	12,346
181.29	7,315	8,457	181.81	7,949	12,426
181.30	7,327	8,530	181.82	7,961	12,505
181.31	7,339	8,604	181.83	7,974	12,585
181.32	7,351	8,677	181.84	7,986	12,665
181.33	7,364	8,751	181.85	7,998	12,745
181.34	7,376	8,824	181.86	8,010	12,825
181.35	7,388	8,898	181.87	8,022	12,905
181.36	7,400	8,972	181.88	8,035	12,985
181.37	7,412	9,046	181.89	8,047	13,065
181.38	7,425	9,120	181.90	8,059	13,146
181.39	7,437	9,195	181.91	8,071	13,227
181.40	7,449	9,269	181.92	8,083	13,307
181.41	7,461	9,344	181.93	8,096	13,388
181.42	7,473	9,418	181.94	8,108	13,469
181.43	7,486	9,493	181.95	8,120	13,550
181.44	7,498	9,568	181.96	8,132	13,632
181.45	7,510	9,643	181.97	8,144	13,713
181.46	7,522	9,718	181.98	8,157	13,795
181.47	7,534	9,793	181.99	8,169	13,876
181.48	7,547	9,869	182.00	8,181	13,958
181.49	7,559	9,944	182.01	8,194	14,040
181.50	7,571	10,020	182.02	8,207	14,122
181.51	7,583	10,096	182.03	8,220	14,204
181.52	7,595	10,172	182.04	8,233	14,286
181.53	7,608	10,248	182.05	8,246	14,369
181.54	7,620	10,324	182.06	8,258	14,451
181.55	7,632	10,400	182.07	8,271	14,534

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,284	14,617	182.60	8,955	19,099
182.09	8,297	14,700	182.61	8,968	19,188
182.10	8,310	14,783	182.62	8,981	19,278
182.11	8,323	14,866	182.63	8,994	19,368
182.12	8,336	14,949	182.64	9,007	19,458
182.13	8,349	15,032	182.65	9,020	19,548
182.14	8,362	15,116	182.66	9,032	19,638
182.15	8,375	15,200	182.67	9,045	19,729
182.16	8,387	15,283	182.68	9,058	19,819
182.17	8,400	15,367	182.69	9,071	19,910
182.18	8,413	15,451	182.70	9,084	20,001
182.19	8,426	15,536	182.71	9,097	20,092
182.20	8,439	15,620	182.72	9,110	20,183
182.21	8,452	15,704	182.73	9,123	20,274
182.22	8,465	15,789	182.74	9,136	20,365
182.23	8,478	15,874	182.75	9,149	20,457
182.24	8,491	15,959	182.76	9,161	20,548
182.25	8,504	16,044	182.77	9,174	20,640
182.26	8,516	16,129	182.78	9,187	20,732
182.27	8,529	16,214	182.79	9,200	20,824
182.28	8,542	16,299	182.80	9,213	20,916
182.29	8,555	16,385	182.81	9,226	21,008
182.30	8,568	16,470	182.82	9,239	21,100
182.31	8,581	16,556	182.83	9,252	21,193
182.32	8,594	16,642	182.84	9,265	21,285
182.33	8,607	16,728	182.85	9,277	21,378
182.34	8,620	16,814	182.86	9,290	21,471
182.35	8,632	16,900	182.87	9,303	21,564
182.36	8,645	16,987	182.88	9,316	21,657
182.37	8,658	17,073	182.89	9,329	21,750
182.38	8,671	17,160	182.90	9,342	21,843
182.39	8,684	17,247	182.91	9,355	21,937
182.40	8,697	17,334	182.92	9,368	22,030
182.41	8,710	17,421	182.93	9,381	22,124
182.42	8,723	17,508	182.94	9,394	22,218
182.43	8,736	17,595	182.95	9,406	22,312
182.44	8,749	17,683	182.96	9,419	22,406
182.45	8,761	17,770	182.97	9,432	22,500
182.46	8,774	17,858	182.98	9,445	22,595
182.47	8,787	17,946	182.99	9,458	22,689
182.48	8,800	18,033	183.00	9,471	22,784
182.49	8,813	18,122	183.01	9,487	22,879
182.50	8,826	18,210	183.02	9,503	22,974
182.51	8,839	18,298	183.03	9,519	23,069
182.52	8,852	18,387	183.04	9,535	23,164
182.53	8,865	18,475	183.05	9,550	23,260
182.54	8,878	18,564	183.06	9,566	23,355
182.55	8,891	18,653	183.07	9,582	23,451
182.56	8,903	18,742	183.08	9,598	23,547
182.57	8,916	18,831	183.09	9,614	23,643
182.58	8,929	18,920	183.10	9,630	23,739
182.59	8,942	19,009	183.11	9,646	23,835

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,662	23,932	183.64	10,487	29,171
183.13	9,677	24,029	183.65	10,503	29,276
183.14	9,693	24,126	183.66	10,519	29,381
183.15	9,709	24,223	183.67	10,535	29,486
183.16	9,725	24,320	183.68	10,551	29,591
183.17	9,741	24,417	183.69	10,567	29,697
183.18	9,757	24,515	183.70	10,583	29,803
183.19	9,773	24,612	183.71	10,598	29,909
183.20	9,789	24,710	183.72	10,614	30,015
183.21	9,804	24,808	183.73	10,630	30,121
183.22	9,820	24,906	183.74	10,646	30,227
183.23	9,836	25,004	183.75	10,662	30,334
183.24	9,852	25,103	183.76	10,678	30,441
183.25	9,868	25,201	183.77	10,694	30,547
183.26	9,884	25,300	183.78	10,710	30,654
183.27	9,900	25,399	183.79	10,726	30,762
183.28	9,916	25,498	183.80	10,741	30,869
183.29	9,932	25,597	183.81	10,757	30,976
183.30	9,947	25,697	183.82	10,773	31,084
183.31	9,963	25,796	183.83	10,789	31,192
183.32	9,979	25,896	183.84	10,805	31,300
183.33	9,995	25,996	183.85	10,821	31,408
183.34	10,011	26,096	183.86	10,837	31,516
183.35	10,027	26,196	183.87	10,853	31,625
183.36	10,043	26,296	183.88	10,868	31,733
183.37	10,059	26,397	183.89	10,884	31,842
183.38	10,074	26,498	183.90	10,900	31,951
183.39	10,090	26,598	183.91	10,916	32,060
183.40	10,106	26,699	183.92	10,932	32,169
183.41	10,122	26,801	183.93	10,948	32,279
183.42	10,138	26,902	183.94	10,964	32,388
183.43	10,154	27,003	183.95	10,980	32,498
183.44	10,170	27,105	183.96	10,995	32,608
183.45	10,186	27,207	183.97	11,011	32,718
183.46	10,201	27,309	183.98	11,027	32,828
183.47	10,217	27,411	183.99	11,043	32,938
183.48	10,233	27,513	184.00	11,059	33,049
183.49	10,249	27,615	184.01	11,072	33,160
183.50	10,265	27,718	184.02	11,086	33,270
183.51	10,281	27,821	184.03	11,099	33,381
183.52	10,297	27,924	184.04	11,113	33,492
183.53	10,313	28,027	184.05	11,126	33,604
183.54	10,329	28,130	184.06	11,140	33,715
183.55	10,344	28,233	184.07	11,153	33,826
183.56	10,360	28,337	184.08	11,166	33,938
183.57	10,376	28,440	184.09	11,180	34,050
183.58	10,392	28,544	184.10	11,193	34,162
183.59	10,408	28,648	184.11	11,207	34,274
183.60	10,424	28,752	184.12	11,220	34,386
183.61	10,440	28,857	184.13	11,234	34,498
183.62	10,456	28,961	184.14	11,247	34,610
183.63	10,471	29,066	184.15	11,260	34,723

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	11,274	34,836	184.68	11,972	40,880
184.17	11,287	34,948	184.69	11,986	40,999
184.18	11,301	35,061	184.70	11,999	41,119
184.19	11,314	35,174	184.71	12,013	41,239
184.20	11,328	35,288	184.72	12,026	41,360
184.21	11,341	35,401	184.73	12,039	41,480
184.22	11,354	35,514	184.74	12,053	41,600
184.23	11,368	35,628	184.75	12,066	41,721
184.24	11,381	35,742	184.76	12,080	41,842
184.25	11,395	35,856	184.77	12,093	41,963
184.26	11,408	35,970	184.78	12,107	42,084
184.27	11,422	36,084	184.79	12,120	42,205
184.28	11,435	36,198	184.80	12,133	42,326
184.29	11,448	36,313	184.81	12,147	42,447
184.30	11,462	36,427	184.82	12,160	42,569
184.31	11,475	36,542	184.83	12,174	42,691
184.32	11,489	36,657	184.84	12,187	42,812
184.33	11,502	36,772	184.85	12,201	42,934
184.34	11,516	36,887	184.86	12,214	43,056
184.35	11,529	37,002	184.87	12,227	43,179
184.36	11,542	37,117	184.88	12,241	43,301
184.37	11,556	37,233	184.89	12,254	43,423
184.38	11,569	37,348	184.90	12,268	43,546
184.39	11,583	37,464	184.91	12,281	43,669
184.40	11,596	37,580	184.92	12,295	43,792
184.41	11,610	37,696	184.93	12,308	43,915
184.42	11,623	37,812	184.94	12,321	44,038
184.43	11,636	37,929	184.95	12,335	44,161
184.44	11,650	38,045	184.96	12,348	44,284
184.45	11,663	38,162	184.97	12,362	44,408
184.46	11,677	38,278	184.98	12,375	44,532
184.47	11,690	38,395	184.99	12,389	44,656
184.48	11,704	38,512	185.00	12,402	44,780
184.49	11,717	38,629	185.01	12,416	44,904
184.50	11,731	38,746	185.02	12,430	45,028
184.51	11,744	38,864	185.03	12,444	45,152
184.52	11,757	38,981	185.04	12,458	45,277
184.53	11,771	39,099	185.05	12,472	45,401
184.54	11,784	39,217	185.06	12,486	45,526
184.55	11,798	39,335	185.07	12,500	45,651
184.56	11,811	39,453	185.08	12,514	45,776
184.57	11,825	39,571	185.09	12,528	45,901
184.58	11,838	39,689	185.10	12,542	46,027
184.59	11,851	39,808	185.11	12,556	46,152
184.60	11,865	39,926	185.12	12,570	46,278
184.61	11,878	40,045	185.13	12,584	46,404
184.62	11,892	40,164	185.14	12,598	46,530
184.63	11,905	40,283	185.15	12,612	46,656
184.64	11,919	40,402	185.16	12,626	46,782
184.65	11,932	40,521	185.17	12,640	46,908
184.66	11,945	40,640	185.18	12,654	47,035
184.67	11,959	40,760	185.19	12,668	47,161

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	12,682	47,288	185.72	13,411	54,072
185.21	12,696	47,415	185.73	13,425	54,206
185.22	12,710	47,542	185.74	13,439	54,341
185.23	12,724	47,669	185.75	13,453	54,475
185.24	12,738	47,796	185.76	13,467	54,610
185.25	12,752	47,924	185.77	13,481	54,744
185.26	12,766	48,051	185.78	13,495	54,879
185.27	12,780	48,179	185.79	13,509	55,014
185.28	12,794	48,307	185.80	13,523	55,149
185.29	12,808	48,435	185.81	13,537	55,285
185.30	12,822	48,563	185.82	13,551	55,420
185.31	12,836	48,691	185.83	13,565	55,556
185.32	12,850	48,820	185.84	13,579	55,691
185.33	12,864	48,948	185.85	13,593	55,827
185.34	12,878	49,077	185.86	13,607	55,963
185.35	12,892	49,206	185.87	13,621	56,099
185.36	12,906	49,335	185.88	13,635	56,236
185.37	12,920	49,464	185.89	13,649	56,372
185.38	12,934	49,593	185.90	13,663	56,509
185.39	12,948	49,723	185.91	13,677	56,645
185.40	12,962	49,852	185.92	13,691	56,782
185.41	12,976	49,982	185.93	13,705	56,919
185.42	12,990	50,112	185.94	13,719	57,056
185.43	13,004	50,242	185.95	13,733	57,194
185.44	13,018	50,372	185.96	13,747	57,331
185.45	13,032	50,502	185.97	13,761	57,469
185.46	13,046	50,633	185.98	13,775	57,606
185.47	13,060	50,763	185.99	13,789	57,744
185.48	13,074	50,894	186.00	13,803	57,882
185.49	13,088	51,025	186.01	13,818	58,020
185.50	13,103	51,156	186.02	13,832	58,158
185.51	13,117	51,287	186.03	13,847	58,297
185.52	13,131	51,418	186.04	13,861	58,435
185.53	13,145	51,549	186.05	13,876	58,574
185.54	13,159	51,681	186.06	13,890	58,713
185.55	13,173	51,813	186.07	13,905	58,852
185.56	13,187	51,944	186.08	13,919	58,991
185.57	13,201	52,076	186.09	13,934	59,130
185.58	13,215	52,208	186.10	13,949	59,270
185.59	13,229	52,341	186.11	13,963	59,409
185.60	13,243	52,473	186.12	13,978	59,549
185.61	13,257	52,605	186.13	13,992	59,689
185.62	13,271	52,738	186.14	14,007	59,829
185.63	13,285	52,871	186.15	14,021	59,969
185.64	13,299	53,004	186.16	14,036	60,109
185.65	13,313	53,137	186.17	14,051	60,250
185.66	13,327	53,270	186.18	14,065	60,390
185.67	13,341	53,403	186.19	14,080	60,531
185.68	13,355	53,537	186.20	14,094	60,672
185.69	13,369	53,670	186.21	14,109	60,813
185.70	13,383	53,804	186.22	14,123	60,954
185.71	13,397	53,938	186.23	14,138	61,095

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	14,152	61,237	186.76	14,910	68,793
186.25	14,167	61,378	186.77	14,924	68,942
186.26	14,182	61,520	186.78	14,939	69,091
186.27	14,196	61,662	186.79	14,953	69,241
186.28	14,211	61,804	186.80	14,968	69,390
186.29	14,225	61,946	186.81	14,982	69,540
186.30	14,240	62,088	186.82	14,997	69,690
186.31	14,254	62,231	186.83	15,011	69,840
186.32	14,269	62,374	186.84	15,026	69,990
186.33	14,283	62,516	186.85	15,041	70,141
186.34	14,298	62,659	186.86	15,055	70,291
186.35	14,313	62,802	186.87	15,070	70,442
186.36	14,327	62,945	186.88	15,084	70,592
186.37	14,342	63,089	186.89	15,099	70,743
186.38	14,356	63,232	186.90	15,113	70,894
186.39	14,371	63,376	186.91	15,128	71,046
186.40	14,385	63,520	186.92	15,143	71,197
186.41	14,400	63,664	186.93	15,157	71,348
186.42	14,415	63,808	186.94	15,172	71,500
186.43	14,429	63,952	186.95	15,186	71,652
186.44	14,444	64,096	186.96	15,201	71,804
186.45	14,458	64,241	186.97	15,215	71,956
186.46	14,473	64,385	186.98	15,230	72,108
186.47	14,487	64,530	186.99	15,244	72,260
186.48	14,502	64,675	187.00	15,259	72,413
186.49	14,516	64,820	187.01	15,274	72,566
186.50	14,531	64,966	187.02	15,289	72,718
186.51	14,546	65,111	187.03	15,304	72,871
186.52	14,560	65,256	187.04	15,320	73,025
186.53	14,575	65,402	187.05	15,335	73,178
186.54	14,589	65,548	187.06	15,350	73,331
186.55	14,604	65,694	187.07	15,365	73,485
186.56	14,618	65,840	187.08	15,380	73,639
186.57	14,633	65,986	187.09	15,395	73,792
186.58	14,647	66,133	187.10	15,410	73,946
186.59	14,662	66,279	187.11	15,425	74,101
186.60	14,677	66,426	187.12	15,441	74,255
186.61	14,691	66,573	187.13	15,456	74,409
186.62	14,706	66,720	187.14	15,471	74,564
186.63	14,720	66,867	187.15	15,486	74,719
186.64	14,735	67,014	187.16	15,501	74,874
186.65	14,749	67,162	187.17	15,516	75,029
186.66	14,764	67,309	187.18	15,531	75,184
186.67	14,779	67,457	187.19	15,546	75,340
186.68	14,793	67,605	187.20	15,562	75,495
186.69	14,808	67,753	187.21	15,577	75,651
186.70	14,822	67,901	187.22	15,592	75,807
186.71	14,837	68,049	187.23	15,607	75,963
186.72	14,851	68,198	187.24	15,622	76,119
186.73	14,866	68,346	187.25	15,637	76,275
186.74	14,880	68,495	187.26	15,652	76,431
186.75	14,895	68,644	187.27	15,668	76,588

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	15,683	76,745	187.80	16,469	85,104
187.29	15,698	76,902	187.81	16,485	85,269
187.30	15,713	77,059	187.82	16,500	85,434
187.31	15,728	77,216	187.83	16,515	85,599
187.32	15,743	77,373	187.84	16,530	85,764
187.33	15,758	77,531	187.85	16,545	85,930
187.34	15,773	77,689	187.86	16,560	86,095
187.35	15,789	77,846	187.87	16,575	86,261
187.36	15,804	78,004	187.88	16,590	86,427
187.37	15,819	78,162	187.89	16,606	86,593
187.38	15,834	78,321	187.90	16,621	86,759
187.39	15,849	78,479	187.91	16,636	86,925
187.40	15,864	78,638	187.92	16,651	87,092
187.41	15,879	78,796	187.93	16,666	87,258
187.42	15,894	78,955	187.94	16,681	87,425
187.43	15,910	79,114	187.95	16,696	87,592
187.44	15,925	79,273	187.96	16,711	87,759
187.45	15,940	79,433	187.97	16,727	87,926
187.46	15,955	79,592	187.98	16,742	88,093
187.47	15,970	79,752	187.99	16,757	88,261
187.48	15,985	79,912	188.00	16,772	88,429
187.49	16,000	80,072			
187.50	16,016	80,232			
187.51	16,031	80,392			
187.52	16,046	80,552			
187.53	16,061	80,713			
187.54	16,076	80,873			
187.55	16,091	81,034			
187.56	16,106	81,195			
187.57	16,121	81,356			
187.58	16,137	81,518			
187.59	16,152	81,679			
187.60	16,167	81,841			
187.61	16,182	82,002			
187.62	16,197	82,164			
187.63	16,212	82,326			
187.64	16,227	82,489			
187.65	16,242	82,651			
187.66	16,258	82,813			
187.67	16,273	82,976			
187.68	16,288	83,139			
187.69	16,303	83,302			
187.70	16,318	83,465			
187.71	16,333	83,628			
187.72	16,348	83,792			
187.73	16,363	83,955			
187.74	16,379	84,119			
187.75	16,394	84,283			
187.76	16,409	84,447			
187.77	16,424	84,611			
187.78	16,439	84,775			
187.79	16,454	84,940			

Summary for Pond B-47: Basin #47

Inflow Area = 2.436 ac, 30.62% Impervious, Inflow Depth = 6.20" for Current 100 yr event
 Inflow = 11.97 cfs @ 12.14 hrs, Volume= 1.259 af
 Outflow = 5.55 cfs @ 12.50 hrs, Volume= 1.075 af, Atten= 54%, Lag= 21.7 min
 Primary = 5.55 cfs @ 12.50 hrs, Volume= 1.075 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 190.09' @ 12.50 hrs Surf.Area= 23,422 sf Storage= 24,273 cf

Plug-Flow detention time= 253.1 min calculated for 1.075 af (85% of inflow)
 Center-of-Mass det. time= 185.7 min (977.6 - 791.9)

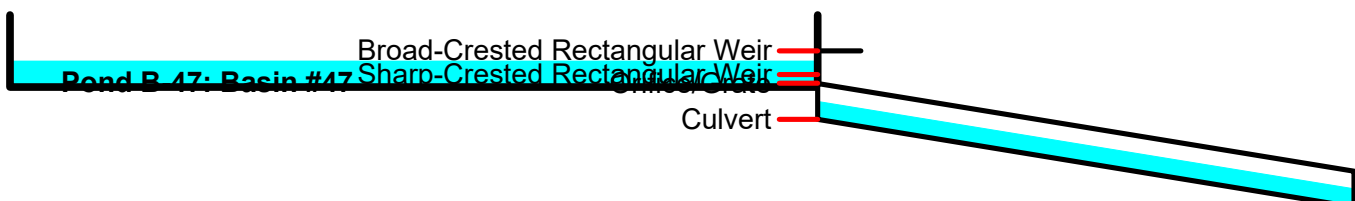
Volume	Invert	Avail.Storage	Storage Description
#1	189.00'	72,844 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

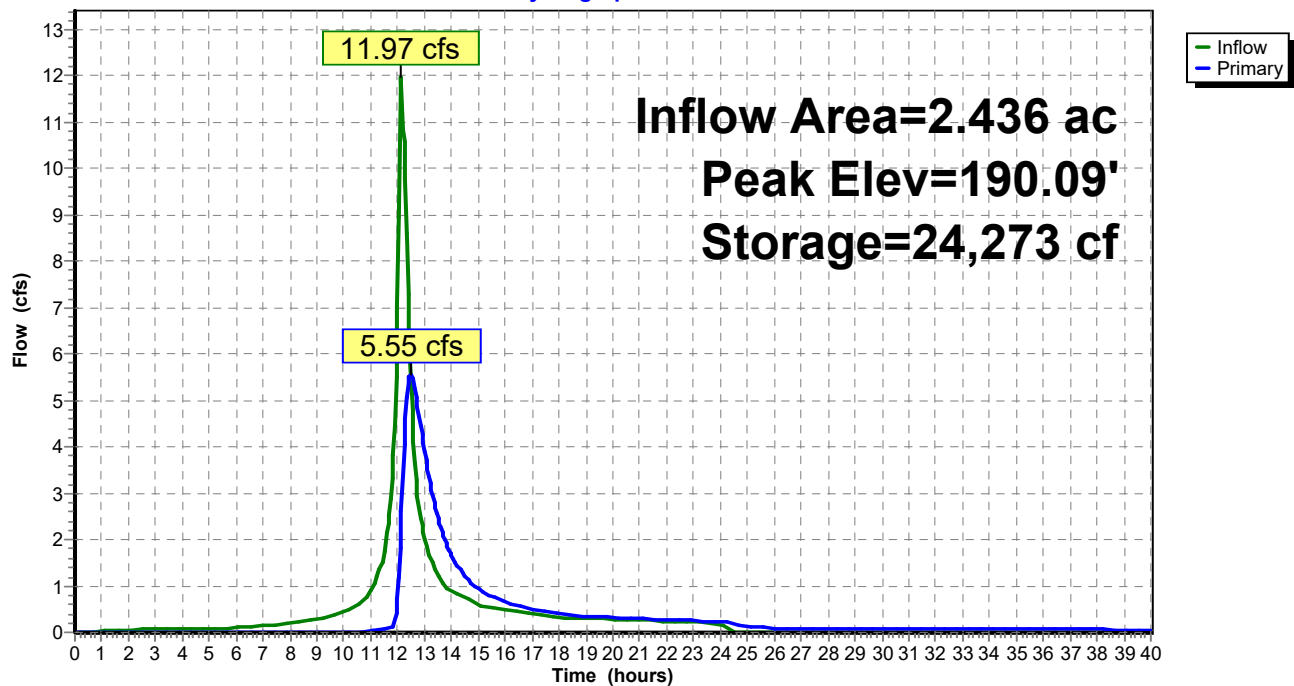
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
189.00	21,318	0	0
190.00	23,252	22,285	22,285
191.00	25,242	24,247	46,532
192.00	27,382	26,312	72,844

Device	Routing	Invert	Outlet Devices
#1	Primary	187.65'	18.0" Round Culvert L= 62.0' Ke= 0.500 Inlet / Outlet Invert= 187.65' / 184.00' S= 0.0589 ' S= 0.0589 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	189.16'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.52'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.51'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=5.55 cfs @ 12.50 hrs HW=190.09' (Free Discharge)

1=Culvert (Passes 5.55 cfs of 11.05 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.36 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 5.40 cfs @ 2.46 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-47: Basin #47**Hydrograph**

Hydrograph for Pond B-47: Basin #47

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	189.00	0.00
0.10	0.00	0	189.00	0.00
0.20	0.00	0	189.00	0.00
0.30	0.00	0	189.00	0.00
0.40	0.00	0	189.00	0.00
0.50	0.00	0	189.00	0.00
0.60	0.01	1	189.00	0.00
0.70	0.01	4	189.00	0.00
0.80	0.01	8	189.00	0.00
0.90	0.02	14	189.00	0.00
1.00	0.02	22	189.00	0.00
1.10	0.03	31	189.00	0.00
1.20	0.03	41	189.00	0.00
1.30	0.03	53	189.00	0.00
1.40	0.04	65	189.00	0.00
1.50	0.04	79	189.00	0.00
1.60	0.04	93	189.00	0.00
1.70	0.04	109	189.01	0.00
1.80	0.05	125	189.01	0.00
1.90	0.05	142	189.01	0.00
2.00	0.05	159	189.01	0.00
2.10	0.05	178	189.01	0.00
2.20	0.05	197	189.01	0.00
2.30	0.06	217	189.01	0.00
2.40	0.06	237	189.01	0.00
2.50	0.06	258	189.01	0.00
2.60	0.06	280	189.01	0.00
2.70	0.06	302	189.01	0.00
2.80	0.06	324	189.02	0.00
2.90	0.06	348	189.02	0.00
3.00	0.07	371	189.02	0.00
3.10	0.07	395	189.02	0.00
3.20	0.07	420	189.02	0.00
3.30	0.07	445	189.02	0.00
3.40	0.07	470	189.02	0.00
3.50	0.07	496	189.02	0.00
3.60	0.07	522	189.02	0.00
3.70	0.07	549	189.03	0.00
3.80	0.08	576	189.03	0.00
3.90	0.08	604	189.03	0.00
4.00	0.08	632	189.03	0.00
4.10	0.08	660	189.03	0.00
4.20	0.08	688	189.03	0.00
4.30	0.08	717	189.03	0.00
4.40	0.08	747	189.03	0.00
4.50	0.08	776	189.04	0.00
4.60	0.08	806	189.04	0.00
4.70	0.08	837	189.04	0.00
4.80	0.09	867	189.04	0.00
4.90	0.09	898	189.04	0.00
5.00	0.09	930	189.04	0.00
5.10	0.09	961	189.04	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	993	189.05	0.00
5.30	0.09	1,025	189.05	0.00
5.40	0.09	1,058	189.05	0.00
5.50	0.09	1,091	189.05	0.00
5.60	0.09	1,124	189.05	0.00
5.70	0.09	1,157	189.05	0.00
5.80	0.09	1,191	189.06	0.00
5.90	0.10	1,225	189.06	0.00
6.00	0.10	1,260	189.06	0.00
6.10	0.10	1,295	189.06	0.00
6.20	0.10	1,330	189.06	0.00
6.30	0.10	1,367	189.06	0.00
6.40	0.11	1,405	189.07	0.00
6.50	0.11	1,443	189.07	0.00
6.60	0.11	1,484	189.07	0.00
6.70	0.12	1,525	189.07	0.00
6.80	0.12	1,569	189.07	0.00
6.90	0.13	1,614	189.08	0.00
7.00	0.13	1,661	189.08	0.00
7.10	0.14	1,710	189.08	0.00
7.20	0.14	1,761	189.08	0.00
7.30	0.15	1,813	189.08	0.00
7.40	0.16	1,868	189.09	0.00
7.50	0.16	1,925	189.09	0.00
7.60	0.17	1,984	189.09	0.00
7.70	0.17	2,045	189.10	0.00
7.80	0.18	2,108	189.10	0.00
7.90	0.19	2,174	189.10	0.00
8.00	0.19	2,241	189.10	0.00
8.10	0.20	2,312	189.11	0.00
8.20	0.20	2,384	189.11	0.00
8.30	0.21	2,459	189.11	0.00
8.40	0.22	2,536	189.12	0.00
8.50	0.22	2,615	189.12	0.00
8.60	0.23	2,697	189.13	0.00
8.70	0.24	2,782	189.13	0.00
8.80	0.25	2,869	189.13	0.00
8.90	0.25	2,959	189.14	0.00
9.00	0.26	3,051	189.14	0.00
9.10	0.27	3,147	189.15	0.00
9.20	0.29	3,248	189.15	0.00
9.30	0.31	3,355	189.16	0.00
9.40	0.33	3,469	189.16	0.00
9.50	0.34	3,589	189.17	0.00
9.60	0.36	3,717	189.17	0.00
9.70	0.39	3,852	189.18	0.00
9.80	0.41	3,994	189.19	0.00
9.90	0.43	4,143	189.19	0.00
10.00	0.45	4,300	189.20	0.00
10.10	0.47	4,465	189.21	0.00
10.20	0.50	4,637	189.22	0.01
10.30	0.52	4,818	189.22	0.01

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.55	5,007	189.23	0.01
10.50	0.57	5,203	189.24	0.01
10.60	0.62	5,412	189.25	0.01
10.70	0.68	5,640	189.26	0.02
10.80	0.75	5,890	189.27	0.02
10.90	0.83	6,166	189.29	0.03
11.00	0.91	6,469	189.30	0.03
11.10	1.03	6,806	189.31	0.04
11.20	1.16	7,184	189.33	0.04
11.30	1.31	7,612	189.35	0.05
11.40	1.47	8,094	189.37	0.05
11.50	1.63	8,632	189.40	0.06
11.60	2.14	9,279	189.43	0.07
11.70	2.54	10,097	189.46	0.07
11.80	3.31	11,111	189.51	0.08
11.90	4.47	12,446	189.57	0.23
12.00	7.01	14,308	189.65	0.73
12.10	11.59	17,154	189.78	1.80
12.20	10.83	20,386	189.92	3.35
12.30	9.77	22,698	190.02	4.62
12.40	7.28	23,971	190.07	5.37
12.50	5.49	24,273	190.09	5.55
12.60	4.10	24,020	190.07	5.40
12.70	3.27	23,455	190.05	5.06
12.80	2.67	22,768	190.02	4.66
12.90	2.29	22,052	189.99	4.26
13.00	2.01	21,362	189.96	3.87
13.10	1.78	20,713	189.93	3.52
13.20	1.60	20,111	189.91	3.21
13.30	1.46	19,557	189.88	2.93
13.40	1.33	19,050	189.86	2.68
13.50	1.22	18,585	189.84	2.45
13.60	1.11	18,157	189.82	2.25
13.70	1.02	17,763	189.80	2.07
13.80	0.96	17,403	189.79	1.91
13.90	0.92	17,079	189.77	1.77
14.00	0.88	16,788	189.76	1.65
14.10	0.85	16,527	189.75	1.54
14.20	0.82	16,292	189.74	1.44
14.30	0.80	16,079	189.73	1.36
14.40	0.77	15,886	189.72	1.28
14.50	0.74	15,708	189.71	1.22
14.60	0.71	15,543	189.71	1.15
14.70	0.69	15,389	189.70	1.10
14.80	0.66	15,245	189.69	1.04
14.90	0.63	15,110	189.69	1.00
15.00	0.60	14,981	189.68	0.95
15.10	0.57	14,858	189.68	0.91
15.20	0.55	14,740	189.67	0.87
15.30	0.53	14,630	189.67	0.83
15.40	0.52	14,527	189.66	0.80
15.50	0.51	14,433	189.66	0.77

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.51	14,346	189.65	0.74
15.70	0.50	14,265	189.65	0.71
15.80	0.49	14,191	189.65	0.69
15.90	0.48	14,121	189.64	0.67
16.00	0.48	14,057	189.64	0.65
16.10	0.47	13,997	189.64	0.63
16.20	0.46	13,940	189.64	0.61
16.30	0.45	13,888	189.63	0.60
16.40	0.45	13,838	189.63	0.58
16.50	0.44	13,791	189.63	0.57
16.60	0.43	13,745	189.63	0.56
16.70	0.42	13,702	189.63	0.54
16.80	0.42	13,660	189.62	0.53
16.90	0.41	13,619	189.62	0.52
17.00	0.40	13,579	189.62	0.51
17.10	0.39	13,541	189.62	0.50
17.20	0.39	13,504	189.62	0.49
17.30	0.38	13,468	189.61	0.48
17.40	0.37	13,432	189.61	0.47
17.50	0.36	13,397	189.61	0.46
17.60	0.36	13,363	189.61	0.45
17.70	0.35	13,330	189.61	0.44
17.80	0.34	13,297	189.61	0.43
17.90	0.33	13,264	189.61	0.42
18.00	0.33	13,232	189.60	0.42
18.10	0.32	13,201	189.60	0.41
18.20	0.31	13,170	189.60	0.40
18.30	0.31	13,140	189.60	0.39
18.40	0.31	13,111	189.60	0.38
18.50	0.30	13,084	189.60	0.38
18.60	0.30	13,058	189.60	0.37
18.70	0.30	13,034	189.60	0.37
18.80	0.30	13,011	189.59	0.36
18.90	0.30	12,989	189.59	0.36
19.00	0.29	12,968	189.59	0.35
19.10	0.29	12,948	189.59	0.35
19.20	0.29	12,929	189.59	0.34
19.30	0.29	12,911	189.59	0.34
19.40	0.29	12,893	189.59	0.33
19.50	0.28	12,877	189.59	0.33
19.60	0.28	12,861	189.59	0.33
19.70	0.28	12,845	189.59	0.32
19.80	0.28	12,831	189.59	0.32
19.90	0.28	12,817	189.59	0.32
20.00	0.28	12,803	189.59	0.31
20.10	0.27	12,790	189.58	0.31
20.20	0.27	12,777	189.58	0.31
20.30	0.27	12,764	189.58	0.30
20.40	0.27	12,752	189.58	0.30
20.50	0.27	12,740	189.58	0.30
20.60	0.26	12,728	189.58	0.30
20.70	0.26	12,717	189.58	0.29

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.26	12,706	189.58	0.29
20.90	0.26	12,695	189.58	0.29
21.00	0.26	12,684	189.58	0.29
21.10	0.25	12,674	189.58	0.28
21.20	0.25	12,663	189.58	0.28
21.30	0.25	12,653	189.58	0.28
21.40	0.25	12,643	189.58	0.28
21.50	0.25	12,634	189.58	0.27
21.60	0.25	12,624	189.58	0.27
21.70	0.24	12,614	189.58	0.27
21.80	0.24	12,605	189.58	0.27
21.90	0.24	12,595	189.58	0.27
22.00	0.24	12,586	189.58	0.26
22.10	0.24	12,577	189.57	0.26
22.20	0.23	12,568	189.57	0.26
22.30	0.23	12,559	189.57	0.26
22.40	0.23	12,550	189.57	0.26
22.50	0.23	12,541	189.57	0.25
22.60	0.23	12,532	189.57	0.25
22.70	0.23	12,523	189.57	0.25
22.80	0.22	12,514	189.57	0.25
22.90	0.22	12,505	189.57	0.25
23.00	0.22	12,497	189.57	0.24
23.10	0.22	12,488	189.57	0.24
23.20	0.22	12,479	189.57	0.24
23.30	0.21	12,471	189.57	0.24
23.40	0.21	12,462	189.57	0.24
23.50	0.21	12,453	189.57	0.23
23.60	0.21	12,444	189.57	0.23
23.70	0.21	12,435	189.57	0.23
23.80	0.20	12,426	189.57	0.23
23.90	0.20	12,417	189.57	0.23
24.00	0.22	12,410	189.57	0.23
24.10	0.15	12,396	189.57	0.22
24.20	0.10	12,362	189.57	0.22
24.30	0.05	12,310	189.56	0.21
24.40	0.02	12,248	189.56	0.20
24.50	0.01	12,183	189.56	0.19
24.60	0.00	12,119	189.55	0.18
24.70	0.00	12,058	189.55	0.17
24.80	0.00	11,999	189.55	0.16
24.90	0.00	11,944	189.55	0.15
25.00	0.00	11,892	189.54	0.14
25.10	0.00	11,844	189.54	0.13
25.20	0.00	11,798	189.54	0.12
25.30	0.00	11,754	189.54	0.12
25.40	0.00	11,711	189.54	0.12
25.50	0.00	11,670	189.53	0.11
25.60	0.00	11,631	189.53	0.11
25.70	0.00	11,592	189.53	0.11
25.80	0.00	11,555	189.53	0.10
25.90	0.00	11,519	189.53	0.10

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,484	189.53	0.10
26.10	0.00	11,450	189.52	0.09
26.20	0.00	11,418	189.52	0.09
26.30	0.00	11,386	189.52	0.09
26.40	0.00	11,355	189.52	0.08
26.50	0.00	11,325	189.52	0.08
26.60	0.00	11,296	189.52	0.08
26.70	0.00	11,266	189.52	0.08
26.80	0.00	11,236	189.52	0.08
26.90	0.00	11,207	189.51	0.08
27.00	0.00	11,177	189.51	0.08
27.10	0.00	11,148	189.51	0.08
27.20	0.00	11,118	189.51	0.08
27.30	0.00	11,089	189.51	0.08
27.40	0.00	11,060	189.51	0.08
27.50	0.00	11,031	189.51	0.08
27.60	0.00	11,002	189.50	0.08
27.70	0.00	10,973	189.50	0.08
27.80	0.00	10,944	189.50	0.08
27.90	0.00	10,915	189.50	0.08
28.00	0.00	10,887	189.50	0.08
28.10	0.00	10,858	189.50	0.08
28.20	0.00	10,830	189.50	0.08
28.30	0.00	10,801	189.50	0.08
28.40	0.00	10,773	189.49	0.08
28.50	0.00	10,745	189.49	0.08
28.60	0.00	10,716	189.49	0.08
28.70	0.00	10,688	189.49	0.08
28.80	0.00	10,660	189.49	0.08
28.90	0.00	10,632	189.49	0.08
29.00	0.00	10,604	189.49	0.08
29.10	0.00	10,576	189.49	0.08
29.20	0.00	10,549	189.48	0.08
29.30	0.00	10,521	189.48	0.08
29.40	0.00	10,493	189.48	0.08
29.50	0.00	10,466	189.48	0.08
29.60	0.00	10,438	189.48	0.08
29.70	0.00	10,411	189.48	0.08
29.80	0.00	10,384	189.48	0.08
29.90	0.00	10,357	189.48	0.08
30.00	0.00	10,330	189.47	0.08
30.10	0.00	10,303	189.47	0.07
30.20	0.00	10,276	189.47	0.07
30.30	0.00	10,249	189.47	0.07
30.40	0.00	10,222	189.47	0.07
30.50	0.00	10,195	189.47	0.07
30.60	0.00	10,169	189.47	0.07
30.70	0.00	10,142	189.47	0.07
30.80	0.00	10,115	189.46	0.07
30.90	0.00	10,089	189.46	0.07
31.00	0.00	10,063	189.46	0.07
31.10	0.00	10,036	189.46	0.07

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,010	189.46	0.07
31.30	0.00	9,984	189.46	0.07
31.40	0.00	9,958	189.46	0.07
31.50	0.00	9,932	189.46	0.07
31.60	0.00	9,906	189.46	0.07
31.70	0.00	9,881	189.45	0.07
31.80	0.00	9,855	189.45	0.07
31.90	0.00	9,829	189.45	0.07
32.00	0.00	9,804	189.45	0.07
32.10	0.00	9,778	189.45	0.07
32.20	0.00	9,753	189.45	0.07
32.30	0.00	9,728	189.45	0.07
32.40	0.00	9,702	189.45	0.07
32.50	0.00	9,677	189.44	0.07
32.60	0.00	9,652	189.44	0.07
32.70	0.00	9,627	189.44	0.07
32.80	0.00	9,602	189.44	0.07
32.90	0.00	9,577	189.44	0.07
33.00	0.00	9,553	189.44	0.07
33.10	0.00	9,528	189.44	0.07
33.20	0.00	9,503	189.44	0.07
33.30	0.00	9,479	189.44	0.07
33.40	0.00	9,454	189.43	0.07
33.50	0.00	9,430	189.43	0.07
33.60	0.00	9,406	189.43	0.07
33.70	0.00	9,382	189.43	0.07
33.80	0.00	9,357	189.43	0.07
33.90	0.00	9,333	189.43	0.07
34.00	0.00	9,309	189.43	0.07
34.10	0.00	9,286	189.43	0.07
34.20	0.00	9,262	189.43	0.07
34.30	0.00	9,238	189.43	0.07
34.40	0.00	9,214	189.42	0.07
34.50	0.00	9,191	189.42	0.07
34.60	0.00	9,167	189.42	0.07
34.70	0.00	9,144	189.42	0.06
34.80	0.00	9,121	189.42	0.06
34.90	0.00	9,097	189.42	0.06
35.00	0.00	9,074	189.42	0.06
35.10	0.00	9,051	189.42	0.06
35.20	0.00	9,028	189.42	0.06
35.30	0.00	9,005	189.41	0.06
35.40	0.00	8,982	189.41	0.06
35.50	0.00	8,959	189.41	0.06
35.60	0.00	8,937	189.41	0.06
35.70	0.00	8,914	189.41	0.06
35.80	0.00	8,892	189.41	0.06
35.90	0.00	8,869	189.41	0.06
36.00	0.00	8,847	189.41	0.06
36.10	0.00	8,824	189.41	0.06
36.20	0.00	8,802	189.41	0.06
36.30	0.00	8,780	189.40	0.06

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,758	189.40	0.06
36.50	0.00	8,736	189.40	0.06
36.60	0.00	8,714	189.40	0.06
36.70	0.00	8,692	189.40	0.06
36.80	0.00	8,671	189.40	0.06
36.90	0.00	8,649	189.40	0.06
37.00	0.00	8,627	189.40	0.06
37.10	0.00	8,606	189.40	0.06
37.20	0.00	8,584	189.40	0.06
37.30	0.00	8,563	189.39	0.06
37.40	0.00	8,542	189.39	0.06
37.50	0.00	8,520	189.39	0.06
37.60	0.00	8,499	189.39	0.06
37.70	0.00	8,478	189.39	0.06
37.80	0.00	8,457	189.39	0.06
37.90	0.00	8,436	189.39	0.06
38.00	0.00	8,416	189.39	0.06
38.10	0.00	8,395	189.39	0.06
38.20	0.00	8,374	189.39	0.06
38.30	0.00	8,354	189.39	0.06
38.40	0.00	8,333	189.38	0.06
38.50	0.00	8,313	189.38	0.06
38.60	0.00	8,292	189.38	0.06
38.70	0.00	8,272	189.38	0.06
38.80	0.00	8,252	189.38	0.06
38.90	0.00	8,232	189.38	0.06
39.00	0.00	8,212	189.38	0.06
39.10	0.00	8,192	189.38	0.06
39.20	0.00	8,172	189.38	0.06
39.30	0.00	8,152	189.38	0.05
39.40	0.00	8,132	189.38	0.05
39.50	0.00	8,113	189.37	0.05
39.60	0.00	8,093	189.37	0.05
39.70	0.00	8,073	189.37	0.05
39.80	0.00	8,054	189.37	0.05
39.90	0.00	8,035	189.37	0.05
40.00	0.00	8,015	189.37	0.05

Stage-Discharge for Pond B-47: Basin #47

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.00	0.00	189.52	0.08	190.04	4.92	190.56	13.82
189.01	0.00	189.53	0.10	190.05	5.06	190.57	14.26
189.02	0.00	189.54	0.12	190.06	5.20	190.58	14.74
189.03	0.00	189.55	0.16	190.07	5.34	190.59	15.25
189.04	0.00	189.56	0.19	190.08	5.48	190.60	15.79
189.05	0.00	189.57	0.24	190.09	5.62	190.61	16.37
189.06	0.00	189.58	0.28	190.10	5.76	190.62	16.97
189.07	0.00	189.59	0.34	190.11	5.90	190.63	17.60
189.08	0.00	189.60	0.39	190.12	6.05	190.64	18.25
189.09	0.00	189.61	0.45	190.13	6.19	190.65	18.93
189.10	0.00	189.62	0.51	190.14	6.34	190.66	19.64
189.11	0.00	189.63	0.57	190.15	6.49	190.67	20.37
189.12	0.00	189.64	0.64	190.16	6.64	190.68	21.12
189.13	0.00	189.65	0.71	190.17	6.79	190.69	21.89
189.14	0.00	189.66	0.78	190.18	6.94	190.70	22.68
189.15	0.00	189.67	0.86	190.19	7.09	190.71	23.50
189.16	0.00	189.68	0.94	190.20	7.24	190.72	24.37
189.17	0.00	189.69	1.02	190.21	7.40	190.73	25.27
189.18	0.00	189.70	1.10	190.22	7.55	190.74	26.20
189.19	0.00	189.71	1.18	190.23	7.71	190.75	27.15
189.20	0.00	189.72	1.27	190.24	7.87	190.76	28.12
189.21	0.00	189.73	1.36	190.25	8.02	190.77	29.13
189.22	0.01	189.74	1.45	190.26	8.18	190.78	30.15
189.23	0.01	189.75	1.54	190.27	8.34	190.79	31.20
189.24	0.01	189.76	1.64	190.28	8.50	190.80	32.28
189.25	0.01	189.77	1.73	190.29	8.66	190.81	33.38
189.26	0.02	189.78	1.83	190.30	8.83	190.82	34.50
189.27	0.02	189.79	1.93	190.31	8.99	190.83	35.65
189.28	0.02	189.80	2.03	190.32	9.15	190.84	36.82
189.29	0.03	189.81	2.13	190.33	9.32	190.85	38.02
189.30	0.03	189.82	2.24	190.34	9.48	190.86	39.24
189.31	0.03	189.83	2.35	190.35	9.65	190.87	40.49
189.32	0.04	189.84	2.45	190.36	9.82	190.88	41.76
189.33	0.04	189.85	2.56	190.37	9.99	190.89	43.05
189.34	0.05	189.86	2.68	190.38	10.16	190.90	44.37
189.35	0.05	189.87	2.79	190.39	10.33	190.91	45.71
189.36	0.05	189.88	2.90	190.40	10.50	190.92	47.10
189.37	0.05	189.89	3.02	190.41	10.67	190.93	48.52
189.38	0.06	189.90	3.14	190.42	10.84	190.94	49.97
189.39	0.06	189.91	3.26	190.43	11.02	190.95	51.44
189.40	0.06	189.92	3.38	190.44	11.19	190.96	52.93
189.41	0.06	189.93	3.50	190.45	11.36	190.97	54.46
189.42	0.06	189.94	3.62	190.46	11.54	190.98	56.01
189.43	0.07	189.95	3.74	190.47	11.72	190.99	57.58
189.44	0.07	189.96	3.87	190.48	11.89	191.00	59.18
189.45	0.07	189.97	4.00	190.49	12.07	191.01	60.81
189.46	0.07	189.98	4.13	190.50	12.25	191.02	62.47
189.47	0.07	189.99	4.26	190.51	12.36	191.03	64.15
189.48	0.08	190.00	4.39	190.52	12.51	191.04	65.85
189.49	0.08	190.01	4.52	190.53	12.75	191.05	67.59
189.50	0.08	190.02	4.65	190.54	13.06	191.06	69.35
189.51	0.08	190.03	4.79	190.55	13.41	191.07	71.14

Stage-Discharge for Pond B-47: Basin #47 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.08	72.95	191.60	175.15
191.09	74.79	191.61	177.39
191.10	76.66	191.62	179.65
191.11	78.56	191.63	181.91
191.12	80.21	191.64	184.18
191.13	81.88	191.65	186.47
191.14	83.55	191.66	188.76
191.15	85.25	191.67	191.07
191.16	86.95	191.68	193.38
191.17	88.67	191.69	195.71
191.18	90.41	191.70	198.04
191.19	92.15	191.71	200.38
191.20	93.91	191.72	202.77
191.21	95.68	191.73	205.17
191.22	97.47	191.74	207.58
191.23	99.26	191.75	210.01
191.24	101.07	191.76	212.44
191.25	102.89	191.77	214.88
191.26	104.73	191.78	217.33
191.27	106.57	191.79	219.80
191.28	108.43	191.80	222.27
191.29	110.30	191.81	224.76
191.30	112.18	191.82	227.25
191.31	114.08	191.83	229.76
191.32	116.02	191.84	232.27
191.33	117.98	191.85	234.80
191.34	119.95	191.86	237.34
191.35	121.94	191.87	239.88
191.36	123.93	191.88	242.44
191.37	125.94	191.89	245.01
191.38	127.97	191.90	247.59
191.39	130.00	191.91	250.18
191.40	132.05	191.92	252.82
191.41	134.12	191.93	255.48
191.42	136.19	191.94	258.14
191.43	138.28	191.95	260.82
191.44	140.38	191.96	263.51
191.45	142.49	191.97	266.20
191.46	144.62	191.98	268.91
191.47	146.76	191.99	271.64
191.48	148.91	192.00	274.37
191.49	151.07		
191.50	153.25		
191.51	155.44		
191.52	157.59		
191.53	159.74		
191.54	161.91		
191.55	164.09		
191.56	166.28		
191.57	168.49		
191.58	170.70		
191.59	172.92		

Stage-Area-Storage for Pond B-47: Basin #47

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.00	21,318	0	189.52	22,324	11,347
189.01	21,337	213	189.53	22,343	11,570
189.02	21,357	427	189.54	22,362	11,794
189.03	21,376	640	189.55	22,382	12,017
189.04	21,395	854	189.56	22,401	12,241
189.05	21,415	1,068	189.57	22,420	12,465
189.06	21,434	1,283	189.58	22,440	12,690
189.07	21,453	1,497	189.59	22,459	12,914
189.08	21,473	1,712	189.60	22,478	13,139
189.09	21,492	1,926	189.61	22,498	13,364
189.10	21,511	2,141	189.62	22,517	13,589
189.11	21,531	2,357	189.63	22,536	13,814
189.12	21,550	2,572	189.64	22,556	14,040
189.13	21,569	2,788	189.65	22,575	14,265
189.14	21,589	3,003	189.66	22,594	14,491
189.15	21,608	3,219	189.67	22,614	14,717
189.16	21,627	3,436	189.68	22,633	14,943
189.17	21,647	3,652	189.69	22,652	15,170
189.18	21,666	3,869	189.70	22,672	15,396
189.19	21,685	4,085	189.71	22,691	15,623
189.20	21,705	4,302	189.72	22,710	15,850
189.21	21,724	4,519	189.73	22,730	16,077
189.22	21,743	4,737	189.74	22,749	16,305
189.23	21,763	4,954	189.75	22,769	16,532
189.24	21,782	5,172	189.76	22,788	16,760
189.25	21,802	5,390	189.77	22,807	16,988
189.26	21,821	5,608	189.78	22,827	17,216
189.27	21,840	5,826	189.79	22,846	17,445
189.28	21,860	6,045	189.80	22,865	17,673
189.29	21,879	6,264	189.81	22,885	17,902
189.30	21,898	6,482	189.82	22,904	18,131
189.31	21,918	6,702	189.83	22,923	18,360
189.32	21,937	6,921	189.84	22,943	18,589
189.33	21,956	7,140	189.85	22,962	18,819
189.34	21,976	7,360	189.86	22,981	19,049
189.35	21,995	7,580	189.87	23,001	19,279
189.36	22,014	7,800	189.88	23,020	19,509
189.37	22,034	8,020	189.89	23,039	19,739
189.38	22,053	8,240	189.90	23,059	19,969
189.39	22,072	8,461	189.91	23,078	20,200
189.40	22,092	8,682	189.92	23,097	20,431
189.41	22,111	8,903	189.93	23,117	20,662
189.42	22,130	9,124	189.94	23,136	20,893
189.43	22,150	9,346	189.95	23,155	21,125
189.44	22,169	9,567	189.96	23,175	21,356
189.45	22,188	9,789	189.97	23,194	21,588
189.46	22,208	10,011	189.98	23,213	21,820
189.47	22,227	10,233	189.99	23,233	22,053
189.48	22,246	10,455	190.00	23,252	22,285
189.49	22,266	10,678	190.01	23,272	22,518
189.50	22,285	10,901	190.02	23,292	22,750
189.51	22,304	11,124	190.03	23,312	22,983

Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.04	23,332	23,217	190.56	24,366	35,618
190.05	23,352	23,450	190.57	24,386	35,862
190.06	23,371	23,684	190.58	24,406	36,106
190.07	23,391	23,918	190.59	24,426	36,350
190.08	23,411	24,152	190.60	24,446	36,594
190.09	23,431	24,386	190.61	24,466	36,839
190.10	23,451	24,620	190.62	24,486	37,084
190.11	23,471	24,855	190.63	24,506	37,329
190.12	23,491	25,090	190.64	24,526	37,574
190.13	23,511	25,325	190.65	24,546	37,819
190.14	23,531	25,560	190.66	24,565	38,065
190.15	23,551	25,795	190.67	24,585	38,310
190.16	23,570	26,031	190.68	24,605	38,556
190.17	23,590	26,267	190.69	24,625	38,803
190.18	23,610	26,503	190.70	24,645	39,049
190.19	23,630	26,739	190.71	24,665	39,295
190.20	23,650	26,975	190.72	24,685	39,542
190.21	23,670	27,212	190.73	24,705	39,789
190.22	23,690	27,449	190.74	24,725	40,036
190.23	23,710	27,686	190.75	24,745	40,284
190.24	23,730	27,923	190.76	24,764	40,531
190.25	23,750	28,160	190.77	24,784	40,779
190.26	23,769	28,398	190.78	24,804	41,027
190.27	23,789	28,636	190.79	24,824	41,275
190.28	23,809	28,874	190.80	24,844	41,523
190.29	23,829	29,112	190.81	24,864	41,772
190.30	23,849	29,350	190.82	24,884	42,021
190.31	23,869	29,589	190.83	24,904	42,270
190.32	23,889	29,828	190.84	24,924	42,519
190.33	23,909	30,067	190.85	24,943	42,768
190.34	23,929	30,306	190.86	24,963	43,018
190.35	23,948	30,545	190.87	24,983	43,267
190.36	23,968	30,785	190.88	25,003	43,517
190.37	23,988	31,024	190.89	25,023	43,767
190.38	24,008	31,264	190.90	25,043	44,018
190.39	24,028	31,505	190.91	25,063	44,268
190.40	24,048	31,745	190.92	25,083	44,519
190.41	24,068	31,986	190.93	25,103	44,770
190.42	24,088	32,226	190.94	25,123	45,021
190.43	24,108	32,467	190.95	25,142	45,272
190.44	24,128	32,709	190.96	25,162	45,524
190.45	24,147	32,950	190.97	25,182	45,776
190.46	24,167	33,191	190.98	25,202	46,028
190.47	24,187	33,433	190.99	25,222	46,280
190.48	24,207	33,675	191.00	25,242	46,532
190.49	24,227	33,917	191.01	25,263	46,785
190.50	24,247	34,160	191.02	25,285	47,037
190.51	24,267	34,402	191.03	25,306	47,290
190.52	24,287	34,645	191.04	25,328	47,543
190.53	24,307	34,888	191.05	25,349	47,797
190.54	24,327	35,131	191.06	25,370	48,050
190.55	24,347	35,375	191.07	25,392	48,304

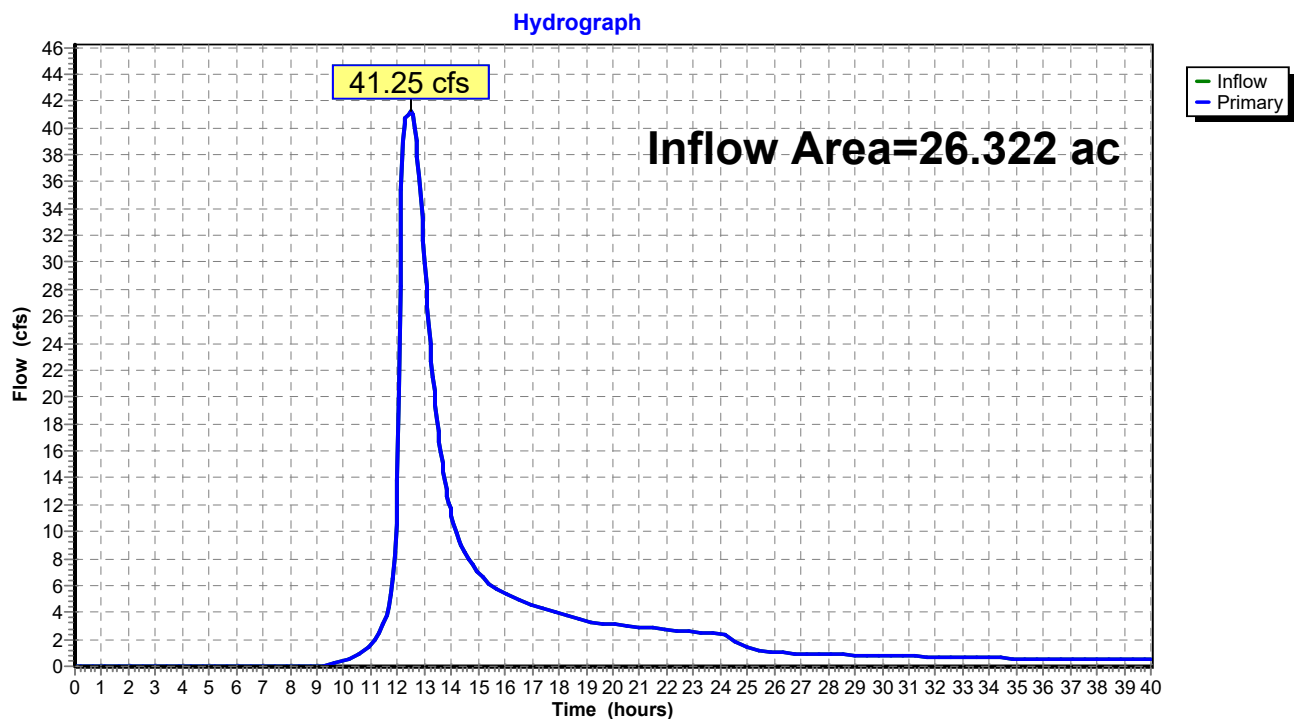
Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.08	25,413	48,558	191.60	26,526	62,062
191.09	25,435	48,812	191.61	26,547	62,328
191.10	25,456	49,067	191.62	26,569	62,593
191.11	25,477	49,322	191.63	26,590	62,859
191.12	25,499	49,576	191.64	26,612	63,125
191.13	25,520	49,832	191.65	26,633	63,391
191.14	25,542	50,087	191.66	26,654	63,658
191.15	25,563	50,342	191.67	26,676	63,924
191.16	25,584	50,598	191.68	26,697	64,191
191.17	25,606	50,854	191.69	26,719	64,458
191.18	25,627	51,110	191.70	26,740	64,726
191.19	25,649	51,367	191.71	26,761	64,993
191.20	25,670	51,623	191.72	26,783	65,261
191.21	25,691	51,880	191.73	26,804	65,529
191.22	25,713	52,137	191.74	26,826	65,797
191.23	25,734	52,394	191.75	26,847	66,065
191.24	25,756	52,652	191.76	26,868	66,334
191.25	25,777	52,909	191.77	26,890	66,603
191.26	25,798	53,167	191.78	26,911	66,872
191.27	25,820	53,425	191.79	26,933	67,141
191.28	25,841	53,684	191.80	26,954	67,410
191.29	25,863	53,942	191.81	26,975	67,680
191.30	25,884	54,201	191.82	26,997	67,950
191.31	25,905	54,460	191.83	27,018	68,220
191.32	25,927	54,719	191.84	27,040	68,490
191.33	25,948	54,978	191.85	27,061	68,761
191.34	25,970	55,238	191.86	27,082	69,031
191.35	25,991	55,498	191.87	27,104	69,302
191.36	26,012	55,758	191.88	27,125	69,574
191.37	26,034	56,018	191.89	27,147	69,845
191.38	26,055	56,278	191.90	27,168	70,117
191.39	26,077	56,539	191.91	27,189	70,388
191.40	26,098	56,800	191.92	27,211	70,660
191.41	26,119	57,061	191.93	27,232	70,933
191.42	26,141	57,322	191.94	27,254	71,205
191.43	26,162	57,584	191.95	27,275	71,478
191.44	26,184	57,846	191.96	27,296	71,750
191.45	26,205	58,108	191.97	27,318	72,024
191.46	26,226	58,370	191.98	27,339	72,297
191.47	26,248	58,632	191.99	27,361	72,570
191.48	26,269	58,895	192.00	27,382	72,844
191.49	26,291	59,157			
191.50	26,312	59,421			
191.51	26,333	59,684			
191.52	26,355	59,947			
191.53	26,376	60,211			
191.54	26,398	60,475			
191.55	26,419	60,739			
191.56	26,440	61,003			
191.57	26,462	61,268			
191.58	26,483	61,532			
191.59	26,505	61,797			

Summary for Link PDA-4: Proposed Drainage Area #4

Inflow Area = 26.322 ac, 21.46% Impervious, Inflow Depth > 4.30" for Current 100 yr event
Inflow = 41.25 cfs @ 12.52 hrs, Volume= 9.437 af
Primary = 41.25 cfs @ 12.52 hrs, Volume= 9.437 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-2

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-4: Proposed Drainage Area #4

Hydrograph for Link PDA-4: Proposed Drainage Area #4

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.01	0.00	0.01
6.60	0.00	0.00	0.00	9.20	0.01	0.00	0.01
6.65	0.00	0.00	0.00	9.25	0.03	0.00	0.03
6.70	0.00	0.00	0.00	9.30	0.04	0.00	0.04
6.75	0.00	0.00	0.00	9.35	0.06	0.00	0.06
6.80	0.00	0.00	0.00	9.40	0.08	0.00	0.08
6.85	0.00	0.00	0.00	9.45	0.10	0.00	0.10
6.90	0.00	0.00	0.00	9.50	0.12	0.00	0.12
6.95	0.00	0.00	0.00	9.55	0.15	0.00	0.15
7.00	0.00	0.00	0.00	9.60	0.17	0.00	0.17
7.05	0.00	0.00	0.00	9.65	0.20	0.00	0.20
7.10	0.00	0.00	0.00	9.70	0.23	0.00	0.23
7.15	0.00	0.00	0.00	9.75	0.26	0.00	0.26
7.20	0.00	0.00	0.00	9.80	0.29	0.00	0.29
7.25	0.00	0.00	0.00	9.85	0.33	0.00	0.33
7.30	0.00	0.00	0.00	9.90	0.36	0.00	0.36
7.35	0.00	0.00	0.00	9.95	0.40	0.00	0.40
7.40	0.00	0.00	0.00	10.00	0.44	0.00	0.44
7.45	0.00	0.00	0.00	10.05	0.47	0.00	0.47
7.50	0.00	0.00	0.00	10.10	0.51	0.00	0.51
7.55	0.00	0.00	0.00	10.15	0.55	0.00	0.55
7.60	0.00	0.00	0.00	10.20	0.59	0.00	0.59
7.65	0.00	0.00	0.00	10.25	0.63	0.00	0.63
7.70	0.00	0.00	0.00	10.30	0.68	0.00	0.68
7.75	0.00	0.00	0.00	10.35	0.72	0.00	0.72

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.77	0.00	0.77	13.00	29.87	0.00	29.87
10.45	0.82	0.00	0.82	13.05	28.22	0.00	28.22
10.50	0.87	0.00	0.87	13.10	26.66	0.00	26.66
10.55	0.93	0.00	0.93	13.15	25.22	0.00	25.22
10.60	0.99	0.00	0.99	13.20	23.88	0.00	23.88
10.65	1.05	0.00	1.05	13.25	22.62	0.00	22.62
10.70	1.12	0.00	1.12	13.30	21.46	0.00	21.46
10.75	1.20	0.00	1.20	13.35	20.37	0.00	20.37
10.80	1.28	0.00	1.28	13.40	19.35	0.00	19.35
10.85	1.37	0.00	1.37	13.45	18.39	0.00	18.39
10.90	1.47	0.00	1.47	13.50	17.50	0.00	17.50
10.95	1.58	0.00	1.58	13.55	16.67	0.00	16.67
11.00	1.70	0.00	1.70	13.60	15.88	0.00	15.88
11.05	1.82	0.00	1.82	13.65	15.14	0.00	15.14
11.10	1.95	0.00	1.95	13.70	14.45	0.00	14.45
11.15	2.08	0.00	2.08	13.75	13.81	0.00	13.81
11.20	2.22	0.00	2.22	13.80	13.20	0.00	13.20
11.25	2.37	0.00	2.37	13.85	12.66	0.00	12.66
11.30	2.53	0.00	2.53	13.90	12.13	0.00	12.13
11.35	2.71	0.00	2.71	13.95	11.65	0.00	11.65
11.40	2.89	0.00	2.89	14.00	11.21	0.00	11.21
11.45	3.09	0.00	3.09	14.05	10.81	0.00	10.81
11.50	3.30	0.00	3.30	14.10	10.44	0.00	10.44
11.55	3.58	0.00	3.58	14.15	10.10	0.00	10.10
11.60	3.92	0.00	3.92	14.20	9.80	0.00	9.80
11.65	4.29	0.00	4.29	14.25	9.52	0.00	9.52
11.70	4.65	0.00	4.65	14.30	9.27	0.00	9.27
11.75	5.05	0.00	5.05	14.35	9.03	0.00	9.03
11.80	5.52	0.00	5.52	14.40	8.82	0.00	8.82
11.85	6.52	0.00	6.52	14.45	8.61	0.00	8.61
11.90	8.18	0.00	8.18	14.50	8.43	0.00	8.43
11.95	10.48	0.00	10.48	14.55	8.25	0.00	8.25
12.00	13.84	0.00	13.84	14.60	8.09	0.00	8.09
12.05	19.94	0.00	19.94	14.65	7.93	0.00	7.93
12.10	28.27	0.00	28.27	14.70	7.77	0.00	7.77
12.15	35.43	0.00	35.43	14.75	7.63	0.00	7.63
12.20	38.99	0.00	38.99	14.80	7.49	0.00	7.49
12.25	40.32	0.00	40.32	14.85	7.36	0.00	7.36
12.30	40.77	0.00	40.77	14.90	7.23	0.00	7.23
12.35	40.89	0.00	40.89	14.95	7.11	0.00	7.11
12.40	40.94	0.00	40.94	15.00	6.98	0.00	6.98
12.45	41.05	0.00	41.05	15.05	6.87	0.00	6.87
12.50	41.24	0.00	41.24	15.10	6.75	0.00	6.75
12.55	41.19	0.00	41.19	15.15	6.64	0.00	6.64
12.60	40.72	0.00	40.72	15.20	6.53	0.00	6.53
12.65	40.01	0.00	40.01	15.25	6.43	0.00	6.43
12.70	39.00	0.00	39.00	15.30	6.33	0.00	6.33
12.75	37.83	0.00	37.83	15.35	6.23	0.00	6.23
12.80	36.46	0.00	36.46	15.40	6.14	0.00	6.14
12.85	34.94	0.00	34.94	15.45	6.05	0.00	6.05
12.90	33.30	0.00	33.30	15.50	5.97	0.00	5.97
12.95	31.57	0.00	31.57	15.55	5.89	0.00	5.89

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	5.81	0.00	5.81	18.20	3.77	0.00	3.77
15.65	5.74	0.00	5.74	18.25	3.74	0.00	3.74
15.70	5.68	0.00	5.68	18.30	3.71	0.00	3.71
15.75	5.61	0.00	5.61	18.35	3.68	0.00	3.68
15.80	5.55	0.00	5.55	18.40	3.65	0.00	3.65
15.85	5.50	0.00	5.50	18.45	3.62	0.00	3.62
15.90	5.44	0.00	5.44	18.50	3.60	0.00	3.60
15.95	5.39	0.00	5.39	18.55	3.57	0.00	3.57
16.00	5.34	0.00	5.34	18.60	3.55	0.00	3.55
16.05	5.30	0.00	5.30	18.65	3.52	0.00	3.52
16.10	5.25	0.00	5.25	18.70	3.50	0.00	3.50
16.15	5.21	0.00	5.21	18.75	3.48	0.00	3.48
16.20	5.16	0.00	5.16	18.80	3.46	0.00	3.46
16.25	5.12	0.00	5.12	18.85	3.44	0.00	3.44
16.30	5.08	0.00	5.08	18.90	3.42	0.00	3.42
16.35	5.04	0.00	5.04	18.95	3.40	0.00	3.40
16.40	5.00	0.00	5.00	19.00	3.38	0.00	3.38
16.45	4.97	0.00	4.97	19.05	3.36	0.00	3.36
16.50	4.93	0.00	4.93	19.10	3.34	0.00	3.34
16.55	4.89	0.00	4.89	19.15	3.33	0.00	3.33
16.60	4.86	0.00	4.86	19.20	3.31	0.00	3.31
16.65	4.82	0.00	4.82	19.25	3.29	0.00	3.29
16.70	4.79	0.00	4.79	19.30	3.28	0.00	3.28
16.75	4.75	0.00	4.75	19.35	3.26	0.00	3.26
16.80	4.72	0.00	4.72	19.40	3.25	0.00	3.25
16.85	4.68	0.00	4.68	19.45	3.23	0.00	3.23
16.90	4.65	0.00	4.65	19.50	3.22	0.00	3.22
16.95	4.61	0.00	4.61	19.55	3.21	0.00	3.21
17.00	4.58	0.00	4.58	19.60	3.19	0.00	3.19
17.05	4.54	0.00	4.54	19.65	3.18	0.00	3.18
17.10	4.51	0.00	4.51	19.70	3.17	0.00	3.17
17.15	4.47	0.00	4.47	19.75	3.15	0.00	3.15
17.20	4.44	0.00	4.44	19.80	3.14	0.00	3.14
17.25	4.41	0.00	4.41	19.85	3.13	0.00	3.13
17.30	4.37	0.00	4.37	19.90	3.12	0.00	3.12
17.35	4.34	0.00	4.34	19.95	3.11	0.00	3.11
17.40	4.30	0.00	4.30	20.00	3.09	0.00	3.09
17.45	4.27	0.00	4.27	20.05	3.08	0.00	3.08
17.50	4.24	0.00	4.24	20.10	3.07	0.00	3.07
17.55	4.20	0.00	4.20	20.15	3.06	0.00	3.06
17.60	4.17	0.00	4.17	20.20	3.05	0.00	3.05
17.65	4.14	0.00	4.14	20.25	3.04	0.00	3.04
17.70	4.10	0.00	4.10	20.30	3.03	0.00	3.03
17.75	4.07	0.00	4.07	20.35	3.02	0.00	3.02
17.80	4.03	0.00	4.03	20.40	3.00	0.00	3.00
17.85	4.00	0.00	4.00	20.45	2.99	0.00	2.99
17.90	3.97	0.00	3.97	20.50	2.98	0.00	2.98
17.95	3.93	0.00	3.93	20.55	2.97	0.00	2.97
18.00	3.90	0.00	3.90	20.60	2.96	0.00	2.96
18.05	3.87	0.00	3.87	20.65	2.95	0.00	2.95
18.10	3.83	0.00	3.83	20.70	2.94	0.00	2.94
18.15	3.80	0.00	3.80	20.75	2.93	0.00	2.93

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	2.92	0.00	2.92	23.40	2.47	0.00	2.47
20.85	2.91	0.00	2.91	23.45	2.46	0.00	2.46
20.90	2.90	0.00	2.90	23.50	2.46	0.00	2.46
20.95	2.89	0.00	2.89	23.55	2.45	0.00	2.45
21.00	2.88	0.00	2.88	23.60	2.44	0.00	2.44
21.05	2.87	0.00	2.87	23.65	2.43	0.00	2.43
21.10	2.87	0.00	2.87	23.70	2.42	0.00	2.42
21.15	2.86	0.00	2.86	23.75	2.42	0.00	2.42
21.20	2.85	0.00	2.85	23.80	2.41	0.00	2.41
21.25	2.84	0.00	2.84	23.85	2.40	0.00	2.40
21.30	2.83	0.00	2.83	23.90	2.39	0.00	2.39
21.35	2.82	0.00	2.82	23.95	2.39	0.00	2.39
21.40	2.81	0.00	2.81	24.00	2.38	0.00	2.38
21.45	2.80	0.00	2.80	24.05	2.37	0.00	2.37
21.50	2.79	0.00	2.79	24.10	2.34	0.00	2.34
21.55	2.78	0.00	2.78	24.15	2.31	0.00	2.31
21.60	2.77	0.00	2.77	24.20	2.27	0.00	2.27
21.65	2.77	0.00	2.77	24.25	2.23	0.00	2.23
21.70	2.76	0.00	2.76	24.30	2.18	0.00	2.18
21.75	2.75	0.00	2.75	24.35	2.13	0.00	2.13
21.80	2.74	0.00	2.74	24.40	2.07	0.00	2.07
21.85	2.73	0.00	2.73	24.45	2.01	0.00	2.01
21.90	2.72	0.00	2.72	24.50	1.94	0.00	1.94
21.95	2.71	0.00	2.71	24.55	1.87	0.00	1.87
22.00	2.71	0.00	2.71	24.60	1.80	0.00	1.80
22.05	2.70	0.00	2.70	24.65	1.73	0.00	1.73
22.10	2.69	0.00	2.69	24.70	1.66	0.00	1.66
22.15	2.68	0.00	2.68	24.75	1.59	0.00	1.59
22.20	2.67	0.00	2.67	24.80	1.53	0.00	1.53
22.25	2.66	0.00	2.66	24.85	1.48	0.00	1.48
22.30	2.65	0.00	2.65	24.90	1.42	0.00	1.42
22.35	2.65	0.00	2.65	24.95	1.38	0.00	1.38
22.40	2.64	0.00	2.64	25.00	1.34	0.00	1.34
22.45	2.63	0.00	2.63	25.05	1.31	0.00	1.31
22.50	2.62	0.00	2.62	25.10	1.27	0.00	1.27
22.55	2.61	0.00	2.61	25.15	1.25	0.00	1.25
22.60	2.60	0.00	2.60	25.20	1.22	0.00	1.22
22.65	2.60	0.00	2.60	25.25	1.20	0.00	1.20
22.70	2.59	0.00	2.59	25.30	1.18	0.00	1.18
22.75	2.58	0.00	2.58	25.35	1.16	0.00	1.16
22.80	2.57	0.00	2.57	25.40	1.15	0.00	1.15
22.85	2.56	0.00	2.56	25.45	1.13	0.00	1.13
22.90	2.55	0.00	2.55	25.50	1.12	0.00	1.12
22.95	2.55	0.00	2.55	25.55	1.11	0.00	1.11
23.00	2.54	0.00	2.54	25.60	1.09	0.00	1.09
23.05	2.53	0.00	2.53	25.65	1.08	0.00	1.08
23.10	2.52	0.00	2.52	25.70	1.07	0.00	1.07
23.15	2.51	0.00	2.51	25.75	1.06	0.00	1.06
23.20	2.50	0.00	2.50	25.80	1.05	0.00	1.05
23.25	2.50	0.00	2.50	25.85	1.05	0.00	1.05
23.30	2.49	0.00	2.49	25.90	1.04	0.00	1.04
23.35	2.48	0.00	2.48	25.95	1.03	0.00	1.03

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.02	0.00	1.02	28.60	0.85	0.00	0.85
26.05	1.01	0.00	1.01	28.65	0.85	0.00	0.85
26.10	1.01	0.00	1.01	28.70	0.84	0.00	0.84
26.15	1.00	0.00	1.00	28.75	0.84	0.00	0.84
26.20	0.99	0.00	0.99	28.80	0.84	0.00	0.84
26.25	0.99	0.00	0.99	28.85	0.84	0.00	0.84
26.30	0.98	0.00	0.98	28.90	0.83	0.00	0.83
26.35	0.98	0.00	0.98	28.95	0.83	0.00	0.83
26.40	0.97	0.00	0.97	29.00	0.83	0.00	0.83
26.45	0.97	0.00	0.97	29.05	0.83	0.00	0.83
26.50	0.96	0.00	0.96	29.10	0.83	0.00	0.83
26.55	0.96	0.00	0.96	29.15	0.82	0.00	0.82
26.60	0.96	0.00	0.96	29.20	0.82	0.00	0.82
26.65	0.95	0.00	0.95	29.25	0.82	0.00	0.82
26.70	0.95	0.00	0.95	29.30	0.82	0.00	0.82
26.75	0.95	0.00	0.95	29.35	0.81	0.00	0.81
26.80	0.94	0.00	0.94	29.40	0.81	0.00	0.81
26.85	0.94	0.00	0.94	29.45	0.81	0.00	0.81
26.90	0.94	0.00	0.94	29.50	0.81	0.00	0.81
26.95	0.93	0.00	0.93	29.55	0.81	0.00	0.81
27.00	0.93	0.00	0.93	29.60	0.80	0.00	0.80
27.05	0.93	0.00	0.93	29.65	0.80	0.00	0.80
27.10	0.93	0.00	0.93	29.70	0.80	0.00	0.80
27.15	0.92	0.00	0.92	29.75	0.80	0.00	0.80
27.20	0.92	0.00	0.92	29.80	0.79	0.00	0.79
27.25	0.92	0.00	0.92	29.85	0.79	0.00	0.79
27.30	0.91	0.00	0.91	29.90	0.79	0.00	0.79
27.35	0.91	0.00	0.91	29.95	0.79	0.00	0.79
27.40	0.91	0.00	0.91	30.00	0.79	0.00	0.79
27.45	0.91	0.00	0.91	30.05	0.78	0.00	0.78
27.50	0.90	0.00	0.90	30.10	0.78	0.00	0.78
27.55	0.90	0.00	0.90	30.15	0.78	0.00	0.78
27.60	0.90	0.00	0.90	30.20	0.78	0.00	0.78
27.65	0.89	0.00	0.89	30.25	0.78	0.00	0.78
27.70	0.89	0.00	0.89	30.30	0.77	0.00	0.77
27.75	0.89	0.00	0.89	30.35	0.77	0.00	0.77
27.80	0.89	0.00	0.89	30.40	0.77	0.00	0.77
27.85	0.88	0.00	0.88	30.45	0.77	0.00	0.77
27.90	0.88	0.00	0.88	30.50	0.76	0.00	0.76
27.95	0.88	0.00	0.88	30.55	0.76	0.00	0.76
28.00	0.88	0.00	0.88	30.60	0.76	0.00	0.76
28.05	0.87	0.00	0.87	30.65	0.76	0.00	0.76
28.10	0.87	0.00	0.87	30.70	0.76	0.00	0.76
28.15	0.87	0.00	0.87	30.75	0.75	0.00	0.75
28.20	0.87	0.00	0.87	30.80	0.75	0.00	0.75
28.25	0.86	0.00	0.86	30.85	0.75	0.00	0.75
28.30	0.86	0.00	0.86	30.90	0.75	0.00	0.75
28.35	0.86	0.00	0.86	30.95	0.75	0.00	0.75
28.40	0.86	0.00	0.86	31.00	0.74	0.00	0.74
28.45	0.86	0.00	0.86	31.05	0.74	0.00	0.74
28.50	0.85	0.00	0.85	31.10	0.74	0.00	0.74
28.55	0.85	0.00	0.85	31.15	0.74	0.00	0.74

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.74	0.00	0.74	33.80	0.62	0.00	0.62
31.25	0.73	0.00	0.73	33.85	0.61	0.00	0.61
31.30	0.73	0.00	0.73	33.90	0.61	0.00	0.61
31.35	0.73	0.00	0.73	33.95	0.61	0.00	0.61
31.40	0.73	0.00	0.73	34.00	0.61	0.00	0.61
31.45	0.73	0.00	0.73	34.05	0.61	0.00	0.61
31.50	0.72	0.00	0.72	34.10	0.60	0.00	0.60
31.55	0.72	0.00	0.72	34.15	0.60	0.00	0.60
31.60	0.72	0.00	0.72	34.20	0.60	0.00	0.60
31.65	0.72	0.00	0.72	34.25	0.60	0.00	0.60
31.70	0.72	0.00	0.72	34.30	0.60	0.00	0.60
31.75	0.71	0.00	0.71	34.35	0.59	0.00	0.59
31.80	0.71	0.00	0.71	34.40	0.59	0.00	0.59
31.85	0.71	0.00	0.71	34.45	0.59	0.00	0.59
31.90	0.71	0.00	0.71	34.50	0.59	0.00	0.59
31.95	0.71	0.00	0.71	34.55	0.59	0.00	0.59
32.00	0.70	0.00	0.70	34.60	0.59	0.00	0.59
32.05	0.70	0.00	0.70	34.65	0.58	0.00	0.58
32.10	0.70	0.00	0.70	34.70	0.58	0.00	0.58
32.15	0.70	0.00	0.70	34.75	0.58	0.00	0.58
32.20	0.70	0.00	0.70	34.80	0.58	0.00	0.58
32.25	0.69	0.00	0.69	34.85	0.58	0.00	0.58
32.30	0.69	0.00	0.69	34.90	0.58	0.00	0.58
32.35	0.69	0.00	0.69	34.95	0.58	0.00	0.58
32.40	0.69	0.00	0.69	35.00	0.58	0.00	0.58
32.45	0.68	0.00	0.68	35.05	0.57	0.00	0.57
32.50	0.68	0.00	0.68	35.10	0.57	0.00	0.57
32.55	0.68	0.00	0.68	35.15	0.57	0.00	0.57
32.60	0.68	0.00	0.68	35.20	0.57	0.00	0.57
32.65	0.68	0.00	0.68	35.25	0.57	0.00	0.57
32.70	0.67	0.00	0.67	35.30	0.57	0.00	0.57
32.75	0.67	0.00	0.67	35.35	0.57	0.00	0.57
32.80	0.67	0.00	0.67	35.40	0.57	0.00	0.57
32.85	0.67	0.00	0.67	35.45	0.56	0.00	0.56
32.90	0.66	0.00	0.66	35.50	0.56	0.00	0.56
32.95	0.66	0.00	0.66	35.55	0.56	0.00	0.56
33.00	0.66	0.00	0.66	35.60	0.56	0.00	0.56
33.05	0.66	0.00	0.66	35.65	0.56	0.00	0.56
33.10	0.65	0.00	0.65	35.70	0.56	0.00	0.56
33.15	0.65	0.00	0.65	35.75	0.56	0.00	0.56
33.20	0.65	0.00	0.65	35.80	0.56	0.00	0.56
33.25	0.65	0.00	0.65	35.85	0.55	0.00	0.55
33.30	0.64	0.00	0.64	35.90	0.55	0.00	0.55
33.35	0.64	0.00	0.64	35.95	0.55	0.00	0.55
33.40	0.64	0.00	0.64	36.00	0.55	0.00	0.55
33.45	0.63	0.00	0.63	36.05	0.55	0.00	0.55
33.50	0.63	0.00	0.63	36.10	0.55	0.00	0.55
33.55	0.63	0.00	0.63	36.15	0.55	0.00	0.55
33.60	0.63	0.00	0.63	36.20	0.55	0.00	0.55
33.65	0.62	0.00	0.62	36.25	0.55	0.00	0.55
33.70	0.62	0.00	0.62	36.30	0.54	0.00	0.54
33.75	0.62	0.00	0.62	36.35	0.54	0.00	0.54

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.54	0.00	0.54	39.00	0.49	0.00	0.49
36.45	0.54	0.00	0.54	39.05	0.49	0.00	0.49
36.50	0.54	0.00	0.54	39.10	0.49	0.00	0.49
36.55	0.54	0.00	0.54	39.15	0.48	0.00	0.48
36.60	0.54	0.00	0.54	39.20	0.48	0.00	0.48
36.65	0.54	0.00	0.54	39.25	0.48	0.00	0.48
36.70	0.54	0.00	0.54	39.30	0.48	0.00	0.48
36.75	0.53	0.00	0.53	39.35	0.48	0.00	0.48
36.80	0.53	0.00	0.53	39.40	0.48	0.00	0.48
36.85	0.53	0.00	0.53	39.45	0.48	0.00	0.48
36.90	0.53	0.00	0.53	39.50	0.48	0.00	0.48
36.95	0.53	0.00	0.53	39.55	0.48	0.00	0.48
37.00	0.53	0.00	0.53	39.60	0.48	0.00	0.48
37.05	0.53	0.00	0.53	39.65	0.47	0.00	0.47
37.10	0.53	0.00	0.53	39.70	0.47	0.00	0.47
37.15	0.53	0.00	0.53	39.75	0.47	0.00	0.47
37.20	0.53	0.00	0.53	39.80	0.47	0.00	0.47
37.25	0.52	0.00	0.52	39.85	0.47	0.00	0.47
37.30	0.52	0.00	0.52	39.90	0.47	0.00	0.47
37.35	0.52	0.00	0.52	39.95	0.47	0.00	0.47
37.40	0.52	0.00	0.52	40.00	0.47	0.00	0.47
37.45	0.52	0.00	0.52				
37.50	0.52	0.00	0.52				
37.55	0.52	0.00	0.52				
37.60	0.52	0.00	0.52				
37.65	0.52	0.00	0.52				
37.70	0.51	0.00	0.51				
37.75	0.51	0.00	0.51				
37.80	0.51	0.00	0.51				
37.85	0.51	0.00	0.51				
37.90	0.51	0.00	0.51				
37.95	0.51	0.00	0.51				
38.00	0.51	0.00	0.51				
38.05	0.51	0.00	0.51				
38.10	0.51	0.00	0.51				
38.15	0.51	0.00	0.51				
38.20	0.50	0.00	0.50				
38.25	0.50	0.00	0.50				
38.30	0.50	0.00	0.50				
38.35	0.50	0.00	0.50				
38.40	0.50	0.00	0.50				
38.45	0.50	0.00	0.50				
38.50	0.50	0.00	0.50				
38.55	0.50	0.00	0.50				
38.60	0.50	0.00	0.50				
38.65	0.50	0.00	0.50				
38.70	0.49	0.00	0.49				
38.75	0.49	0.00	0.49				
38.80	0.49	0.00	0.49				
38.85	0.49	0.00	0.49				
38.90	0.49	0.00	0.49				
38.95	0.49	0.00	0.49				

Summary for Subcatchment 41I: PDA-41 (impervious)

Runoff = 2.92 cfs @ 12.10 hrs, Volume= 0.207 af, Depth= 3.62"
 Routed to Pond B-41 : Basin #41

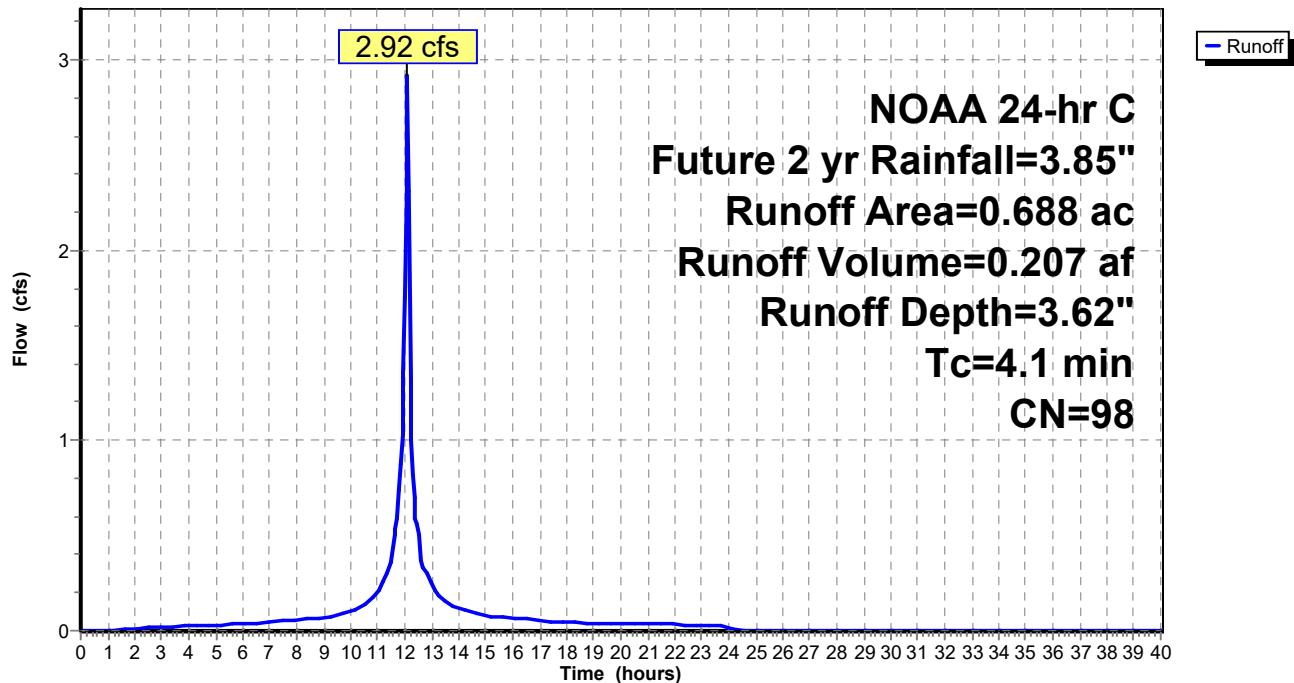
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.136	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.038	98	Concrete, HSC C
0.688	98	Weighted Average
0.688		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 41I: PDA-41 (impervious)

Hydrograph



Hydrograph for Subcatchment 41I: PDA-41 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.02
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.02
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.02
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.02
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.02
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.02
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.02
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.02
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.02
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.02
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.02
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.02
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.02
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.02
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.02
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.02
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.02
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.02
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.02
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.02
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.02
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.02
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.02
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.02
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.02
1.25	0.05	0.00	0.00	3.85	0.18	0.06	0.02
1.30	0.06	0.00	0.00	3.90	0.18	0.06	0.02
1.35	0.06	0.00	0.00	3.95	0.19	0.06	0.02
1.40	0.06	0.00	0.00	4.00	0.19	0.06	0.02
1.45	0.06	0.00	0.00	4.05	0.19	0.06	0.02
1.50	0.06	0.00	0.01	4.10	0.19	0.07	0.03
1.55	0.07	0.00	0.01	4.15	0.20	0.07	0.03
1.60	0.07	0.00	0.01	4.20	0.20	0.07	0.03
1.65	0.07	0.00	0.01	4.25	0.20	0.07	0.03
1.70	0.07	0.00	0.01	4.30	0.20	0.07	0.03
1.75	0.08	0.01	0.01	4.35	0.21	0.08	0.03
1.80	0.08	0.01	0.01	4.40	0.21	0.08	0.03
1.85	0.08	0.01	0.01	4.45	0.21	0.08	0.03
1.90	0.08	0.01	0.01	4.50	0.22	0.08	0.03
1.95	0.08	0.01	0.01	4.55	0.22	0.08	0.03
2.00	0.09	0.01	0.01	4.60	0.22	0.09	0.03
2.05	0.09	0.01	0.01	4.65	0.22	0.09	0.03
2.10	0.09	0.01	0.01	4.70	0.23	0.09	0.03
2.15	0.09	0.01	0.01	4.75	0.23	0.09	0.03
2.20	0.10	0.01	0.01	4.80	0.23	0.09	0.03
2.25	0.10	0.01	0.01	4.85	0.24	0.10	0.03
2.30	0.10	0.01	0.01	4.90	0.24	0.10	0.03
2.35	0.10	0.01	0.01	4.95	0.24	0.10	0.03
2.40	0.11	0.02	0.01	5.00	0.24	0.10	0.03
2.45	0.11	0.02	0.01	5.05	0.25	0.10	0.03
2.50	0.11	0.02	0.01	5.10	0.25	0.11	0.03
2.55	0.11	0.02	0.01	5.15	0.25	0.11	0.03

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.03	7.80	0.44	0.27	0.05
5.25	0.26	0.11	0.03	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.03	7.90	0.45	0.27	0.06
5.35	0.27	0.12	0.03	7.95	0.46	0.28	0.06
5.40	0.27	0.12	0.03	8.00	0.46	0.28	0.06
5.45	0.27	0.12	0.03	8.05	0.47	0.29	0.06
5.50	0.27	0.12	0.03	8.10	0.47	0.29	0.06
5.55	0.28	0.13	0.03	8.15	0.48	0.30	0.06
5.60	0.28	0.13	0.03	8.20	0.48	0.30	0.06
5.65	0.28	0.13	0.03	8.25	0.49	0.30	0.06
5.70	0.29	0.13	0.03	8.30	0.49	0.31	0.06
5.75	0.29	0.14	0.03	8.35	0.49	0.31	0.06
5.80	0.29	0.14	0.03	8.40	0.50	0.32	0.06
5.85	0.30	0.14	0.03	8.45	0.50	0.32	0.06
5.90	0.30	0.14	0.03	8.50	0.51	0.33	0.06
5.95	0.30	0.15	0.03	8.55	0.51	0.33	0.06
6.00	0.31	0.15	0.03	8.60	0.52	0.34	0.06
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.06
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.07
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.07
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.07
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.07
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.07
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.07
6.40	0.33	0.17	0.04	9.00	0.56	0.37	0.07
6.45	0.33	0.17	0.04	9.05	0.57	0.38	0.07
6.50	0.34	0.18	0.04	9.10	0.57	0.39	0.07
6.55	0.34	0.18	0.04	9.15	0.58	0.39	0.07
6.60	0.35	0.18	0.04	9.20	0.59	0.40	0.08
6.65	0.35	0.19	0.04	9.25	0.59	0.40	0.08
6.70	0.35	0.19	0.04	9.30	0.60	0.41	0.08
6.75	0.36	0.19	0.04	9.35	0.60	0.41	0.08
6.80	0.36	0.19	0.04	9.40	0.61	0.42	0.08
6.85	0.36	0.20	0.04	9.45	0.62	0.43	0.09
6.90	0.37	0.20	0.04	9.50	0.62	0.43	0.09
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.09
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.09
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.09
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.10
7.15	0.39	0.22	0.05	9.75	0.66	0.47	0.10
7.20	0.39	0.22	0.05	9.80	0.67	0.47	0.10
7.25	0.40	0.23	0.05	9.85	0.68	0.48	0.10
7.30	0.40	0.23	0.05	9.90	0.69	0.49	0.10
7.35	0.40	0.23	0.05	9.95	0.69	0.50	0.11
7.40	0.41	0.24	0.05	10.00	0.70	0.51	0.11
7.45	0.41	0.24	0.05	10.05	0.71	0.51	0.11
7.50	0.42	0.24	0.05	10.10	0.72	0.52	0.11
7.55	0.42	0.25	0.05	10.15	0.73	0.53	0.11
7.60	0.43	0.25	0.05	10.20	0.74	0.54	0.12
7.65	0.43	0.25	0.05	10.25	0.75	0.55	0.12
7.70	0.43	0.26	0.05	10.30	0.76	0.56	0.12
7.75	0.44	0.26	0.05	10.35	0.76	0.56	0.12

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.12	13.00	2.93	2.69	0.24
10.45	0.78	0.58	0.13	13.05	2.94	2.71	0.23
10.50	0.79	0.59	0.13	13.10	2.96	2.73	0.21
10.55	0.80	0.60	0.13	13.15	2.97	2.74	0.21
10.60	0.82	0.61	0.14	13.20	2.98	2.75	0.20
10.65	0.83	0.62	0.15	13.25	3.00	2.77	0.19
10.70	0.84	0.64	0.16	13.30	3.01	2.78	0.18
10.75	0.85	0.65	0.16	13.35	3.02	2.79	0.17
10.80	0.87	0.66	0.17	13.40	3.03	2.80	0.17
10.85	0.88	0.67	0.18	13.45	3.05	2.81	0.16
10.90	0.89	0.69	0.19	13.50	3.06	2.82	0.15
10.95	0.91	0.70	0.19	13.55	3.07	2.83	0.14
11.00	0.92	0.72	0.20	13.60	3.08	2.84	0.14
11.05	0.94	0.73	0.21	13.65	3.09	2.85	0.13
11.10	0.96	0.75	0.23	13.70	3.09	2.86	0.13
11.15	0.98	0.77	0.24	13.75	3.10	2.87	0.13
11.20	1.00	0.79	0.26	13.80	3.11	2.88	0.13
11.25	1.02	0.81	0.27	13.85	3.12	2.89	0.13
11.30	1.04	0.83	0.29	13.90	3.13	2.90	0.12
11.35	1.06	0.85	0.30	13.95	3.14	2.91	0.12
11.40	1.09	0.88	0.31	14.00	3.15	2.92	0.12
11.45	1.11	0.90	0.33	14.05	3.16	2.92	0.12
11.50	1.14	0.92	0.34	14.10	3.16	2.93	0.11
11.55	1.18	0.96	0.41	14.15	3.17	2.94	0.11
11.60	1.22	1.00	0.50	14.20	3.18	2.95	0.11
11.65	1.26	1.04	0.53	14.25	3.19	2.96	0.11
11.70	1.30	1.08	0.55	14.30	3.20	2.96	0.11
11.75	1.35	1.14	0.63	14.35	3.20	2.97	0.11
11.80	1.41	1.19	0.74	14.40	3.21	2.98	0.10
11.85	1.49	1.27	0.87	14.45	3.22	2.99	0.10
11.90	1.57	1.34	1.03	14.50	3.23	2.99	0.10
11.95	1.70	1.48	1.35	14.55	3.23	3.00	0.10
12.00	1.83	1.61	1.75	14.60	3.24	3.01	0.09
12.05	2.06	1.83	2.30	14.65	3.25	3.01	0.09
12.10	2.28	2.06	2.92	14.70	3.25	3.02	0.09
12.15	2.36	2.13	2.31	14.75	3.26	3.03	0.09
12.20	2.44	2.21	1.32	14.80	3.26	3.03	0.09
12.25	2.50	2.27	1.00	14.85	3.27	3.04	0.09
12.30	2.55	2.32	0.82	14.90	3.28	3.04	0.08
12.35	2.59	2.36	0.70	14.95	3.28	3.05	0.08
12.40	2.63	2.40	0.59	15.00	3.29	3.05	0.08
12.45	2.67	2.44	0.56	15.05	3.29	3.06	0.08
12.50	2.71	2.48	0.54	15.10	3.30	3.07	0.08
12.55	2.74	2.51	0.47	15.15	3.30	3.07	0.07
12.60	2.76	2.53	0.37	15.20	3.31	3.08	0.07
12.65	2.79	2.56	0.34	15.25	3.31	3.08	0.07
12.70	2.81	2.58	0.33	15.30	3.32	3.09	0.07
12.75	2.83	2.60	0.31	15.35	3.32	3.09	0.07
12.80	2.85	2.62	0.30	15.40	3.33	3.10	0.07
12.85	2.87	2.64	0.29	15.45	3.34	3.10	0.07
12.90	2.89	2.66	0.27	15.50	3.34	3.11	0.07
12.95	2.91	2.68	0.26	15.55	3.35	3.11	0.07

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.07	18.20	3.56	3.32	0.04
15.65	3.36	3.12	0.07	18.25	3.56	3.33	0.04
15.70	3.36	3.13	0.07	18.30	3.56	3.33	0.04
15.75	3.36	3.13	0.07	18.35	3.57	3.33	0.04
15.80	3.37	3.14	0.07	18.40	3.57	3.34	0.04
15.85	3.37	3.14	0.07	18.45	3.57	3.34	0.04
15.90	3.38	3.15	0.07	18.50	3.58	3.34	0.04
15.95	3.38	3.15	0.07	18.55	3.58	3.34	0.04
16.00	3.39	3.16	0.07	18.60	3.58	3.35	0.04
16.05	3.39	3.16	0.06	18.65	3.58	3.35	0.04
16.10	3.40	3.16	0.06	18.70	3.59	3.35	0.04
16.15	3.40	3.17	0.06	18.75	3.59	3.36	0.04
16.20	3.41	3.17	0.06	18.80	3.59	3.36	0.04
16.25	3.41	3.18	0.06	18.85	3.60	3.36	0.04
16.30	3.42	3.18	0.06	18.90	3.60	3.37	0.04
16.35	3.42	3.19	0.06	18.95	3.60	3.37	0.04
16.40	3.42	3.19	0.06	19.00	3.61	3.37	0.04
16.45	3.43	3.20	0.06	19.05	3.61	3.37	0.04
16.50	3.43	3.20	0.06	19.10	3.61	3.38	0.04
16.55	3.44	3.20	0.06	19.15	3.61	3.38	0.04
16.60	3.44	3.21	0.06	19.20	3.62	3.38	0.04
16.65	3.45	3.21	0.06	19.25	3.62	3.39	0.04
16.70	3.45	3.22	0.06	19.30	3.62	3.39	0.04
16.75	3.45	3.22	0.06	19.35	3.63	3.39	0.04
16.80	3.46	3.23	0.06	19.40	3.63	3.39	0.04
16.85	3.46	3.23	0.06	19.45	3.63	3.40	0.04
16.90	3.47	3.23	0.06	19.50	3.63	3.40	0.04
16.95	3.47	3.24	0.06	19.55	3.64	3.40	0.04
17.00	3.47	3.24	0.05	19.60	3.64	3.41	0.04
17.05	3.48	3.24	0.05	19.65	3.64	3.41	0.04
17.10	3.48	3.25	0.05	19.70	3.65	3.41	0.04
17.15	3.49	3.25	0.05	19.75	3.65	3.41	0.04
17.20	3.49	3.26	0.05	19.80	3.65	3.42	0.04
17.25	3.49	3.26	0.05	19.85	3.65	3.42	0.04
17.30	3.50	3.26	0.05	19.90	3.66	3.42	0.04
17.35	3.50	3.27	0.05	19.95	3.66	3.42	0.04
17.40	3.50	3.27	0.05	20.00	3.66	3.43	0.04
17.45	3.51	3.27	0.05	20.05	3.66	3.43	0.04
17.50	3.51	3.28	0.05	20.10	3.67	3.43	0.04
17.55	3.52	3.28	0.05	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.05	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.05	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.05	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.05	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.05	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.05	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.05	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.04	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.04	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.04	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.04	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.04	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.03	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.03	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.03	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.03	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.03	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.03	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.03	24.00	3.85	3.62	0.03
21.45	3.74	3.50	0.03	24.05	3.85	3.62	0.02
21.50	3.74	3.50	0.03	24.10	3.85	3.62	0.00
21.55	3.74	3.51	0.03	24.15	3.85	3.62	0.00
21.60	3.74	3.51	0.03	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.03	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.03	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.03	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.03	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.03	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.03	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.03	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.03	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.03	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.03	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.03	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.03	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.03	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.03	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.03	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.03	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.03	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.03	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.03	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.03	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.03	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.03	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.03	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.03	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.03	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.03	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.03	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.03	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.03	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.03	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.03	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.03	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 41P: PDA-41 (pervious)

Runoff = 3.63 cfs @ 12.07 hrs, Volume= 0.208 af, Depth= 1.49"
 Routed to Pond B-41 : Basin #41

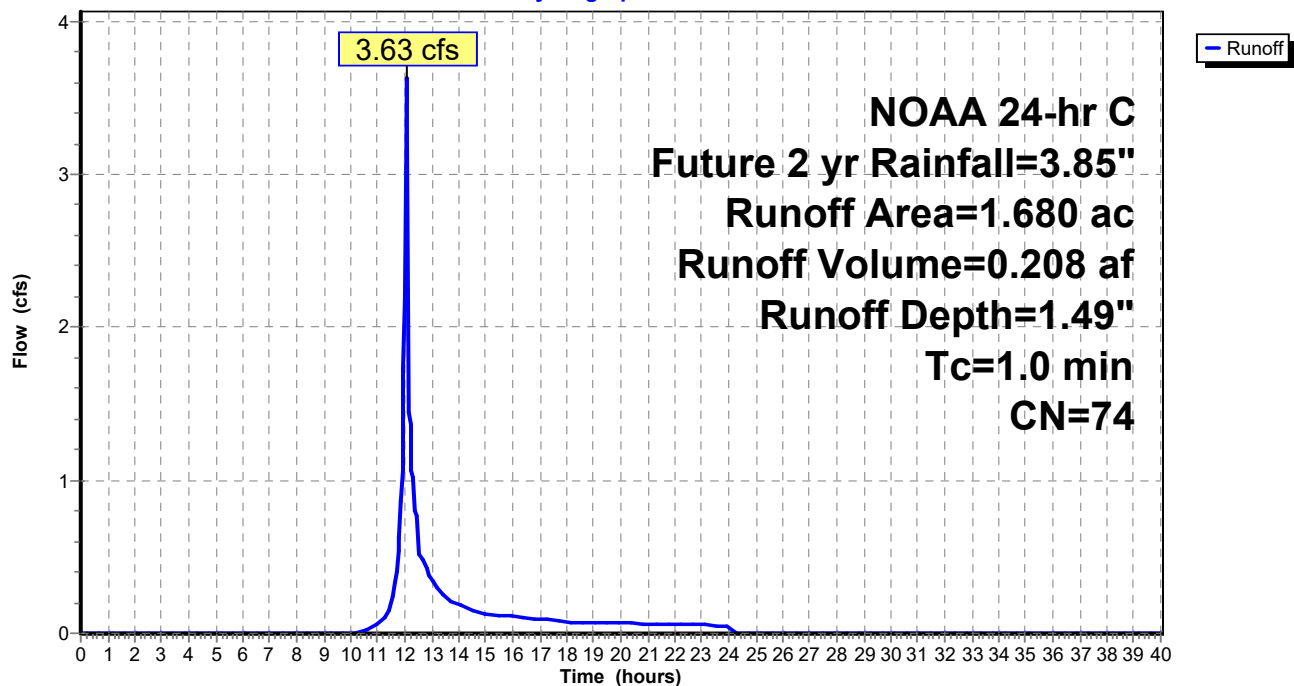
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.680	74	>75% Grass cover, Good, HSG C
1.680		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 41P: PDA-41 (pervious)

Hydrograph



Hydrograph for Subcatchment 41P: PDA-41 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.01
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.01
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.01
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.36
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.32
10.50	0.79	0.00	0.02	13.10	2.96	0.88	0.32
10.55	0.80	0.00	0.02	13.15	2.97	0.89	0.30
10.60	0.82	0.00	0.02	13.20	2.98	0.90	0.30
10.65	0.83	0.00	0.03	13.25	3.00	0.91	0.28
10.70	0.84	0.01	0.03	13.30	3.01	0.92	0.28
10.75	0.85	0.01	0.03	13.35	3.02	0.92	0.26
10.80	0.87	0.01	0.04	13.40	3.03	0.93	0.25
10.85	0.88	0.01	0.04	13.45	3.05	0.94	0.24
10.90	0.89	0.01	0.05	13.50	3.06	0.94	0.23
10.95	0.91	0.01	0.05	13.55	3.07	0.95	0.21
11.00	0.92	0.01	0.06	13.60	3.08	0.96	0.21
11.05	0.94	0.02	0.07	13.65	3.09	0.96	0.21
11.10	0.96	0.02	0.08	13.70	3.09	0.97	0.21
11.15	0.98	0.02	0.09	13.75	3.10	0.97	0.20
11.20	1.00	0.02	0.10	13.80	3.11	0.98	0.20
11.25	1.02	0.03	0.11	13.85	3.12	0.99	0.20
11.30	1.04	0.03	0.12	13.90	3.13	0.99	0.19
11.35	1.06	0.03	0.14	13.95	3.14	1.00	0.19
11.40	1.09	0.04	0.15	14.00	3.15	1.00	0.19
11.45	1.11	0.04	0.17	14.05	3.16	1.01	0.18
11.50	1.14	0.05	0.19	14.10	3.16	1.01	0.18
11.55	1.18	0.06	0.29	14.15	3.17	1.02	0.18
11.60	1.22	0.07	0.31	14.20	3.18	1.02	0.18
11.65	1.26	0.08	0.35	14.25	3.19	1.03	0.17
11.70	1.30	0.09	0.40	14.30	3.20	1.03	0.17
11.75	1.35	0.10	0.54	14.35	3.20	1.04	0.17
11.80	1.41	0.12	0.62	14.40	3.21	1.04	0.16
11.85	1.49	0.14	0.85	14.45	3.22	1.05	0.16
11.90	1.57	0.17	1.06	14.50	3.23	1.05	0.16
11.95	1.70	0.22	1.73	14.55	3.23	1.06	0.15
12.00	1.83	0.28	2.18	14.60	3.24	1.06	0.15
12.05	2.06	0.38	3.52	14.65	3.25	1.07	0.15
12.10	2.28	0.49	3.35	14.70	3.25	1.07	0.15
12.15	2.36	0.53	1.45	14.75	3.26	1.08	0.14
12.20	2.44	0.57	1.36	14.80	3.26	1.08	0.14
12.25	2.50	0.61	1.07	14.85	3.27	1.08	0.13
12.30	2.55	0.64	1.02	14.90	3.28	1.09	0.13
12.35	2.59	0.66	0.80	14.95	3.28	1.09	0.13
12.40	2.63	0.69	0.80	15.00	3.29	1.10	0.13
12.45	2.67	0.71	0.78	15.05	3.29	1.10	0.12
12.50	2.71	0.73	0.73	15.10	3.30	1.10	0.12
12.55	2.74	0.75	0.51	15.15	3.30	1.11	0.12
12.60	2.76	0.76	0.51	15.20	3.31	1.11	0.12
12.65	2.79	0.78	0.48	15.25	3.31	1.11	0.12
12.70	2.81	0.79	0.48	15.30	3.32	1.12	0.12
12.75	2.83	0.80	0.45	15.35	3.32	1.12	0.12
12.80	2.85	0.82	0.44	15.40	3.33	1.12	0.12
12.85	2.87	0.83	0.41	15.45	3.34	1.13	0.12
12.90	2.89	0.84	0.40	15.50	3.34	1.13	0.12
12.95	2.91	0.85	0.37	15.55	3.35	1.13	0.11

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.11	18.20	3.56	1.28	0.07
15.65	3.36	1.14	0.11	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.11	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.11	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.11	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.11	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.11	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.11	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.10	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.10	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.10	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.10	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.10	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.10	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.09	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.09	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.09	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.09	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.09	19.55	3.64	1.34	0.07
17.00	3.47	1.22	0.09	19.60	3.64	1.34	0.07
17.05	3.48	1.22	0.09	19.65	3.64	1.34	0.07
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.07
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.07
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.07
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.07
17.30	3.50	1.24	0.09	19.90	3.66	1.35	0.07
17.35	3.50	1.24	0.09	19.95	3.66	1.35	0.07
17.40	3.50	1.24	0.08	20.00	3.66	1.35	0.07
17.45	3.51	1.25	0.08	20.05	3.66	1.35	0.06
17.50	3.51	1.25	0.08	20.10	3.67	1.36	0.06
17.55	3.52	1.25	0.08	20.15	3.67	1.36	0.06
17.60	3.52	1.25	0.08	20.20	3.67	1.36	0.06
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.06
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.06
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.06
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.07	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.07	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.07	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.07	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.07	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.06
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.00
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.00
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.00
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.00
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.06	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.06	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.06	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.06	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.06	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.06	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.06	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.05	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.05	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.05	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.05	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.05	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.05	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.05	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 42I: PDA-42 (impervious)

Runoff = 1.34 cfs @ 12.07 hrs, Volume= 0.090 af, Depth= 3.62"
 Routed to Pond B-42 : Basin #42

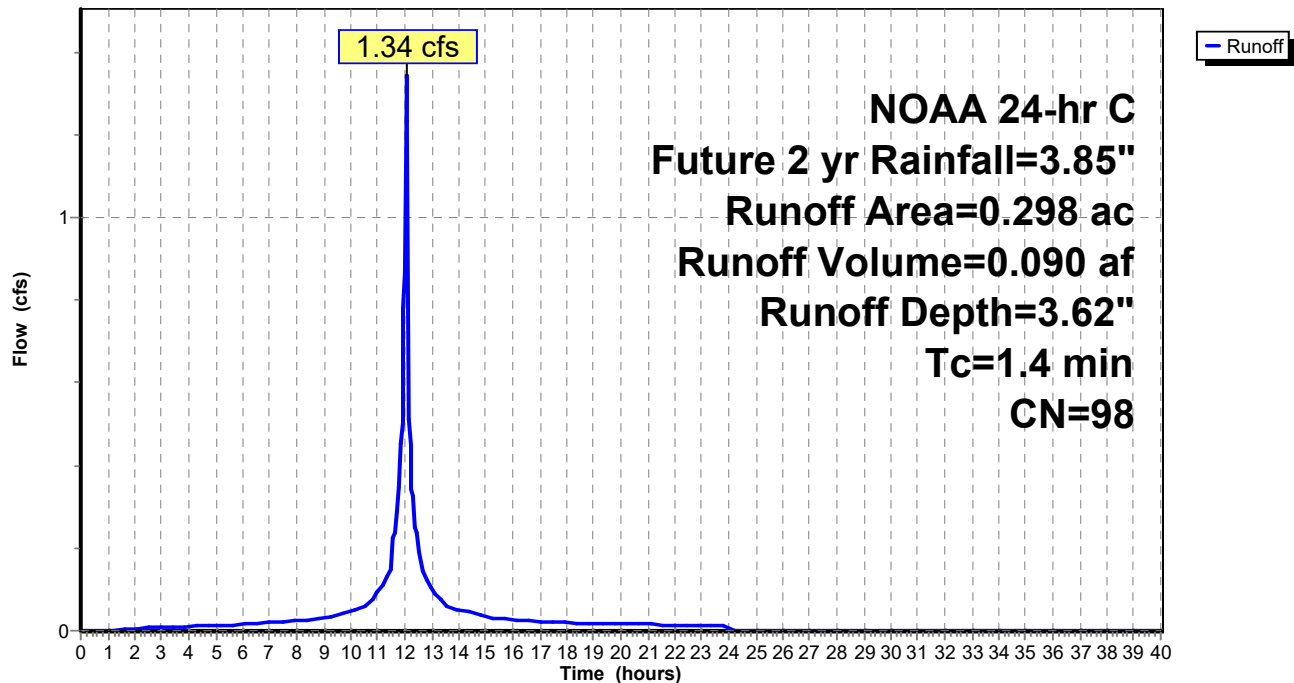
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.298	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.298	98	Weighted Average
0.298		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42I: PDA-42 (impervious)

Hydrograph



Hydrograph for Subcatchment 42I: PDA-42 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.01
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.01
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.01
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.01
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.01
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.01
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.01
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.01
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.01
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.01
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.01
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.01
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.01
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.01
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.01
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.01
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.01
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.01
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.01
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.01
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.01
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.01
1.25	0.05	0.00	0.00	3.85	0.18	0.06	0.01
1.30	0.06	0.00	0.00	3.90	0.18	0.06	0.01
1.35	0.06	0.00	0.00	3.95	0.19	0.06	0.01
1.40	0.06	0.00	0.00	4.00	0.19	0.06	0.01
1.45	0.06	0.00	0.00	4.05	0.19	0.06	0.01
1.50	0.06	0.00	0.00	4.10	0.19	0.07	0.01
1.55	0.07	0.00	0.00	4.15	0.20	0.07	0.01
1.60	0.07	0.00	0.00	4.20	0.20	0.07	0.01
1.65	0.07	0.00	0.00	4.25	0.20	0.07	0.01
1.70	0.07	0.00	0.00	4.30	0.20	0.07	0.01
1.75	0.08	0.01	0.00	4.35	0.21	0.08	0.01
1.80	0.08	0.01	0.00	4.40	0.21	0.08	0.01
1.85	0.08	0.01	0.00	4.45	0.21	0.08	0.01
1.90	0.08	0.01	0.00	4.50	0.22	0.08	0.01
1.95	0.08	0.01	0.00	4.55	0.22	0.08	0.01
2.00	0.09	0.01	0.00	4.60	0.22	0.09	0.01
2.05	0.09	0.01	0.00	4.65	0.22	0.09	0.01
2.10	0.09	0.01	0.01	4.70	0.23	0.09	0.01
2.15	0.09	0.01	0.01	4.75	0.23	0.09	0.01
2.20	0.10	0.01	0.01	4.80	0.23	0.09	0.01
2.25	0.10	0.01	0.01	4.85	0.24	0.10	0.01
2.30	0.10	0.01	0.01	4.90	0.24	0.10	0.01
2.35	0.10	0.01	0.01	4.95	0.24	0.10	0.01
2.40	0.11	0.02	0.01	5.00	0.24	0.10	0.01
2.45	0.11	0.02	0.01	5.05	0.25	0.10	0.01
2.50	0.11	0.02	0.01	5.10	0.25	0.11	0.01
2.55	0.11	0.02	0.01	5.15	0.25	0.11	0.01

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.01	7.80	0.44	0.27	0.02
5.25	0.26	0.11	0.01	7.85	0.45	0.27	0.02
5.30	0.26	0.12	0.01	7.90	0.45	0.27	0.02
5.35	0.27	0.12	0.01	7.95	0.46	0.28	0.02
5.40	0.27	0.12	0.01	8.00	0.46	0.28	0.02
5.45	0.27	0.12	0.01	8.05	0.47	0.29	0.03
5.50	0.27	0.12	0.01	8.10	0.47	0.29	0.03
5.55	0.28	0.13	0.01	8.15	0.48	0.30	0.03
5.60	0.28	0.13	0.01	8.20	0.48	0.30	0.03
5.65	0.28	0.13	0.01	8.25	0.49	0.30	0.03
5.70	0.29	0.13	0.01	8.30	0.49	0.31	0.03
5.75	0.29	0.14	0.01	8.35	0.49	0.31	0.03
5.80	0.29	0.14	0.01	8.40	0.50	0.32	0.03
5.85	0.30	0.14	0.01	8.45	0.50	0.32	0.03
5.90	0.30	0.14	0.01	8.50	0.51	0.33	0.03
5.95	0.30	0.15	0.02	8.55	0.51	0.33	0.03
6.00	0.31	0.15	0.02	8.60	0.52	0.34	0.03
6.05	0.31	0.15	0.02	8.65	0.53	0.34	0.03
6.10	0.31	0.15	0.02	8.70	0.53	0.35	0.03
6.15	0.31	0.16	0.02	8.75	0.54	0.35	0.03
6.20	0.32	0.16	0.02	8.80	0.54	0.36	0.03
6.25	0.32	0.16	0.02	8.85	0.55	0.36	0.03
6.30	0.32	0.17	0.02	8.90	0.55	0.36	0.03
6.35	0.33	0.17	0.02	8.95	0.56	0.37	0.03
6.40	0.33	0.17	0.02	9.00	0.56	0.37	0.03
6.45	0.33	0.17	0.02	9.05	0.57	0.38	0.03
6.50	0.34	0.18	0.02	9.10	0.57	0.39	0.03
6.55	0.34	0.18	0.02	9.15	0.58	0.39	0.03
6.60	0.35	0.18	0.02	9.20	0.59	0.40	0.03
6.65	0.35	0.19	0.02	9.25	0.59	0.40	0.03
6.70	0.35	0.19	0.02	9.30	0.60	0.41	0.04
6.75	0.36	0.19	0.02	9.35	0.60	0.41	0.04
6.80	0.36	0.19	0.02	9.40	0.61	0.42	0.04
6.85	0.36	0.20	0.02	9.45	0.62	0.43	0.04
6.90	0.37	0.20	0.02	9.50	0.62	0.43	0.04
6.95	0.37	0.20	0.02	9.55	0.63	0.44	0.04
7.00	0.38	0.21	0.02	9.60	0.64	0.45	0.04
7.05	0.38	0.21	0.02	9.65	0.65	0.45	0.04
7.10	0.38	0.21	0.02	9.70	0.65	0.46	0.04
7.15	0.39	0.22	0.02	9.75	0.66	0.47	0.04
7.20	0.39	0.22	0.02	9.80	0.67	0.47	0.04
7.25	0.40	0.23	0.02	9.85	0.68	0.48	0.05
7.30	0.40	0.23	0.02	9.90	0.69	0.49	0.05
7.35	0.40	0.23	0.02	9.95	0.69	0.50	0.05
7.40	0.41	0.24	0.02	10.00	0.70	0.51	0.05
7.45	0.41	0.24	0.02	10.05	0.71	0.51	0.05
7.50	0.42	0.24	0.02	10.10	0.72	0.52	0.05
7.55	0.42	0.25	0.02	10.15	0.73	0.53	0.05
7.60	0.43	0.25	0.02	10.20	0.74	0.54	0.05
7.65	0.43	0.25	0.02	10.25	0.75	0.55	0.05
7.70	0.43	0.26	0.02	10.30	0.76	0.56	0.05
7.75	0.44	0.26	0.02	10.35	0.76	0.56	0.05

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.05	13.00	2.93	2.69	0.10
10.45	0.78	0.58	0.06	13.05	2.94	2.71	0.09
10.50	0.79	0.59	0.06	13.10	2.96	2.73	0.09
10.55	0.80	0.60	0.06	13.15	2.97	2.74	0.09
10.60	0.82	0.61	0.06	13.20	2.98	2.75	0.08
10.65	0.83	0.62	0.07	13.25	3.00	2.77	0.08
10.70	0.84	0.64	0.07	13.30	3.01	2.78	0.08
10.75	0.85	0.65	0.07	13.35	3.02	2.79	0.07
10.80	0.87	0.66	0.08	13.40	3.03	2.80	0.07
10.85	0.88	0.67	0.08	13.45	3.05	2.81	0.07
10.90	0.89	0.69	0.08	13.50	3.06	2.82	0.06
10.95	0.91	0.70	0.09	13.55	3.07	2.83	0.06
11.00	0.92	0.72	0.09	13.60	3.08	2.84	0.06
11.05	0.94	0.73	0.10	13.65	3.09	2.85	0.06
11.10	0.96	0.75	0.10	13.70	3.09	2.86	0.06
11.15	0.98	0.77	0.11	13.75	3.10	2.87	0.05
11.20	1.00	0.79	0.11	13.80	3.11	2.88	0.05
11.25	1.02	0.81	0.12	13.85	3.12	2.89	0.05
11.30	1.04	0.83	0.13	13.90	3.13	2.90	0.05
11.35	1.06	0.85	0.14	13.95	3.14	2.91	0.05
11.40	1.09	0.88	0.14	14.00	3.15	2.92	0.05
11.45	1.11	0.90	0.15	14.05	3.16	2.92	0.05
11.50	1.14	0.92	0.16	14.10	3.16	2.93	0.05
11.55	1.18	0.96	0.22	14.15	3.17	2.94	0.05
11.60	1.22	1.00	0.23	14.20	3.18	2.95	0.05
11.65	1.26	1.04	0.24	14.25	3.19	2.96	0.05
11.70	1.30	1.08	0.25	14.30	3.20	2.96	0.05
11.75	1.35	1.14	0.33	14.35	3.20	2.97	0.04
11.80	1.41	1.19	0.35	14.40	3.21	2.98	0.04
11.85	1.49	1.27	0.45	14.45	3.22	2.99	0.04
11.90	1.57	1.34	0.50	14.50	3.23	2.99	0.04
11.95	1.70	1.48	0.78	14.55	3.23	3.00	0.04
12.00	1.83	1.61	0.86	14.60	3.24	3.01	0.04
12.05	2.06	1.83	1.31	14.65	3.25	3.01	0.04
12.10	2.28	2.06	1.23	14.70	3.25	3.02	0.04
12.15	2.36	2.13	0.51	14.75	3.26	3.03	0.04
12.20	2.44	2.21	0.45	14.80	3.26	3.03	0.04
12.25	2.50	2.27	0.34	14.85	3.27	3.04	0.04
12.30	2.55	2.32	0.32	14.90	3.28	3.04	0.04
12.35	2.59	2.36	0.25	14.95	3.28	3.05	0.03
12.40	2.63	2.40	0.24	15.00	3.29	3.05	0.03
12.45	2.67	2.44	0.23	15.05	3.29	3.06	0.03
12.50	2.71	2.48	0.22	15.10	3.30	3.07	0.03
12.55	2.74	2.51	0.15	15.15	3.30	3.07	0.03
12.60	2.76	2.53	0.15	15.20	3.31	3.08	0.03
12.65	2.79	2.56	0.14	15.25	3.31	3.08	0.03
12.70	2.81	2.58	0.14	15.30	3.32	3.09	0.03
12.75	2.83	2.60	0.13	15.35	3.32	3.09	0.03
12.80	2.85	2.62	0.13	15.40	3.33	3.10	0.03
12.85	2.87	2.64	0.12	15.45	3.34	3.10	0.03
12.90	2.89	2.66	0.11	15.50	3.34	3.11	0.03
12.95	2.91	2.68	0.10	15.55	3.35	3.11	0.03

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.03	18.20	3.56	3.32	0.02
15.65	3.36	3.12	0.03	18.25	3.56	3.33	0.02
15.70	3.36	3.13	0.03	18.30	3.56	3.33	0.02
15.75	3.36	3.13	0.03	18.35	3.57	3.33	0.02
15.80	3.37	3.14	0.03	18.40	3.57	3.34	0.02
15.85	3.37	3.14	0.03	18.45	3.57	3.34	0.02
15.90	3.38	3.15	0.03	18.50	3.58	3.34	0.02
15.95	3.38	3.15	0.03	18.55	3.58	3.34	0.02
16.00	3.39	3.16	0.03	18.60	3.58	3.35	0.02
16.05	3.39	3.16	0.03	18.65	3.58	3.35	0.02
16.10	3.40	3.16	0.03	18.70	3.59	3.35	0.02
16.15	3.40	3.17	0.03	18.75	3.59	3.36	0.02
16.20	3.41	3.17	0.03	18.80	3.59	3.36	0.02
16.25	3.41	3.18	0.03	18.85	3.60	3.36	0.02
16.30	3.42	3.18	0.03	18.90	3.60	3.37	0.02
16.35	3.42	3.19	0.03	18.95	3.60	3.37	0.02
16.40	3.42	3.19	0.03	19.00	3.61	3.37	0.02
16.45	3.43	3.20	0.03	19.05	3.61	3.37	0.02
16.50	3.43	3.20	0.03	19.10	3.61	3.38	0.02
16.55	3.44	3.20	0.03	19.15	3.61	3.38	0.02
16.60	3.44	3.21	0.03	19.20	3.62	3.38	0.02
16.65	3.45	3.21	0.03	19.25	3.62	3.39	0.02
16.70	3.45	3.22	0.02	19.30	3.62	3.39	0.02
16.75	3.45	3.22	0.02	19.35	3.63	3.39	0.02
16.80	3.46	3.23	0.02	19.40	3.63	3.39	0.02
16.85	3.46	3.23	0.02	19.45	3.63	3.40	0.02
16.90	3.47	3.23	0.02	19.50	3.63	3.40	0.02
16.95	3.47	3.24	0.02	19.55	3.64	3.40	0.02
17.00	3.47	3.24	0.02	19.60	3.64	3.41	0.02
17.05	3.48	3.24	0.02	19.65	3.64	3.41	0.02
17.10	3.48	3.25	0.02	19.70	3.65	3.41	0.02
17.15	3.49	3.25	0.02	19.75	3.65	3.41	0.02
17.20	3.49	3.26	0.02	19.80	3.65	3.42	0.02
17.25	3.49	3.26	0.02	19.85	3.65	3.42	0.02
17.30	3.50	3.26	0.02	19.90	3.66	3.42	0.02
17.35	3.50	3.27	0.02	19.95	3.66	3.42	0.02
17.40	3.50	3.27	0.02	20.00	3.66	3.43	0.02
17.45	3.51	3.27	0.02	20.05	3.66	3.43	0.02
17.50	3.51	3.28	0.02	20.10	3.67	3.43	0.02
17.55	3.52	3.28	0.02	20.15	3.67	3.44	0.02
17.60	3.52	3.28	0.02	20.20	3.67	3.44	0.02
17.65	3.52	3.29	0.02	20.25	3.68	3.44	0.02
17.70	3.53	3.29	0.02	20.30	3.68	3.44	0.02
17.75	3.53	3.30	0.02	20.35	3.68	3.45	0.02
17.80	3.53	3.30	0.02	20.40	3.68	3.45	0.02
17.85	3.54	3.30	0.02	20.45	3.69	3.45	0.02
17.90	3.54	3.30	0.02	20.50	3.69	3.45	0.02
17.95	3.54	3.31	0.02	20.55	3.69	3.46	0.02
18.00	3.54	3.31	0.02	20.60	3.69	3.46	0.02
18.05	3.55	3.31	0.02	20.65	3.70	3.46	0.02
18.10	3.55	3.32	0.02	20.70	3.70	3.46	0.02
18.15	3.55	3.32	0.02	20.75	3.70	3.47	0.02

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.02	23.40	3.82	3.59	0.01
20.85	3.71	3.47	0.02	23.45	3.83	3.59	0.01
20.90	3.71	3.47	0.02	23.50	3.83	3.59	0.01
20.95	3.71	3.48	0.02	23.55	3.83	3.60	0.01
21.00	3.71	3.48	0.02	23.60	3.83	3.60	0.01
21.05	3.72	3.48	0.02	23.65	3.84	3.60	0.01
21.10	3.72	3.49	0.02	23.70	3.84	3.60	0.01
21.15	3.72	3.49	0.02	23.75	3.84	3.60	0.01
21.20	3.72	3.49	0.01	23.80	3.84	3.61	0.01
21.25	3.73	3.49	0.01	23.85	3.84	3.61	0.01
21.30	3.73	3.50	0.01	23.90	3.85	3.61	0.01
21.35	3.73	3.50	0.01	23.95	3.85	3.61	0.01
21.40	3.73	3.50	0.01	24.00	3.85	3.62	0.01
21.45	3.74	3.50	0.01	24.05	3.85	3.62	0.00
21.50	3.74	3.50	0.01	24.10	3.85	3.62	0.00
21.55	3.74	3.51	0.01	24.15	3.85	3.62	0.00
21.60	3.74	3.51	0.01	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.01	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.01	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.01	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.01	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.01	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.01	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.01	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.01	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.01	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.01	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.01	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.01	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.01	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.01	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.01	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.01	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.01	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.01	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.01	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.01	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.01	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.01	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.01	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.01	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.01	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.01	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.01	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.01	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.01	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.01	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.01	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.01	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.01	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.01	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.01	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 42P: PDA-42 (pervious)

Runoff = 1.06 cfs @ 12.08 hrs, Volume= 0.059 af, Depth= 1.49"
 Routed to Pond B-42 : Basin #42

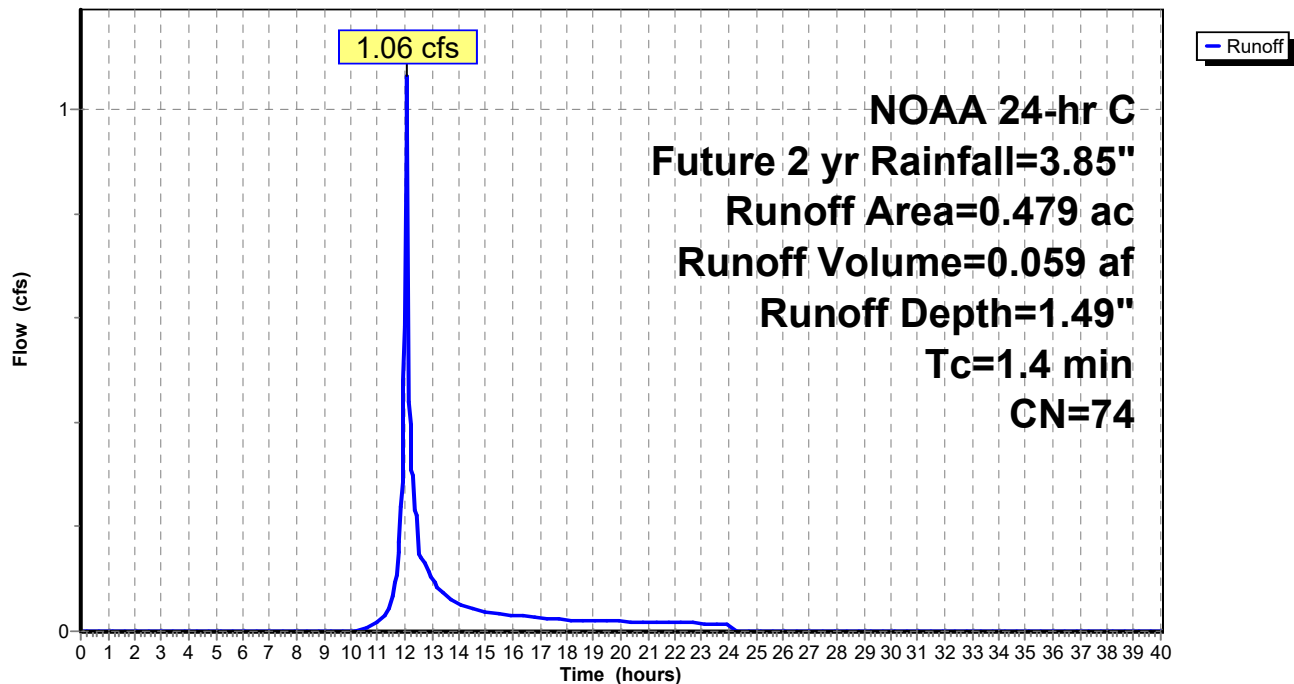
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.479	74	>75% Grass cover, Good, HSG C
0.479		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42P: PDA-42 (pervious)

Hydrograph



Hydrograph for Subcatchment 42P: PDA-42 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.10
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.09
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.09
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.09
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.09
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.08
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.08
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.07
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.07
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.07
10.90	0.89	0.01	0.01	13.50	3.06	0.94	0.07
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.06
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.06
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.06
11.10	0.96	0.02	0.02	13.70	3.09	0.97	0.06
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.06
11.20	1.00	0.02	0.03	13.80	3.11	0.98	0.06
11.25	1.02	0.03	0.03	13.85	3.12	0.99	0.06
11.30	1.04	0.03	0.03	13.90	3.13	0.99	0.06
11.35	1.06	0.03	0.04	13.95	3.14	1.00	0.05
11.40	1.09	0.04	0.04	14.00	3.15	1.00	0.05
11.45	1.11	0.04	0.05	14.05	3.16	1.01	0.05
11.50	1.14	0.05	0.05	14.10	3.16	1.01	0.05
11.55	1.18	0.06	0.08	14.15	3.17	1.02	0.05
11.60	1.22	0.07	0.09	14.20	3.18	1.02	0.05
11.65	1.26	0.08	0.10	14.25	3.19	1.03	0.05
11.70	1.30	0.09	0.11	14.30	3.20	1.03	0.05
11.75	1.35	0.10	0.15	14.35	3.20	1.04	0.05
11.80	1.41	0.12	0.17	14.40	3.21	1.04	0.05
11.85	1.49	0.14	0.24	14.45	3.22	1.05	0.05
11.90	1.57	0.17	0.28	14.50	3.23	1.05	0.05
11.95	1.70	0.22	0.48	14.55	3.23	1.06	0.04
12.00	1.83	0.28	0.58	14.60	3.24	1.06	0.04
12.05	2.06	0.38	0.97	14.65	3.25	1.07	0.04
12.10	2.28	0.49	1.01	14.70	3.25	1.07	0.04
12.15	2.36	0.53	0.44	14.75	3.26	1.08	0.04
12.20	2.44	0.57	0.40	14.80	3.26	1.08	0.04
12.25	2.50	0.61	0.31	14.85	3.27	1.08	0.04
12.30	2.55	0.64	0.30	14.90	3.28	1.09	0.04
12.35	2.59	0.66	0.23	14.95	3.28	1.09	0.04
12.40	2.63	0.69	0.23	15.00	3.29	1.10	0.04
12.45	2.67	0.71	0.22	15.05	3.29	1.10	0.04
12.50	2.71	0.73	0.21	15.10	3.30	1.10	0.03
12.55	2.74	0.75	0.15	15.15	3.30	1.11	0.03
12.60	2.76	0.76	0.14	15.20	3.31	1.11	0.03
12.65	2.79	0.78	0.14	15.25	3.31	1.11	0.03
12.70	2.81	0.79	0.14	15.30	3.32	1.12	0.03
12.75	2.83	0.80	0.13	15.35	3.32	1.12	0.03
12.80	2.85	0.82	0.13	15.40	3.33	1.12	0.03
12.85	2.87	0.83	0.12	15.45	3.34	1.13	0.03
12.90	2.89	0.84	0.11	15.50	3.34	1.13	0.03
12.95	2.91	0.85	0.10	15.55	3.35	1.13	0.03

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.03	18.20	3.56	1.28	0.02
15.65	3.36	1.14	0.03	18.25	3.56	1.28	0.02
15.70	3.36	1.14	0.03	18.30	3.56	1.28	0.02
15.75	3.36	1.15	0.03	18.35	3.57	1.29	0.02
15.80	3.37	1.15	0.03	18.40	3.57	1.29	0.02
15.85	3.37	1.15	0.03	18.45	3.57	1.29	0.02
15.90	3.38	1.16	0.03	18.50	3.58	1.29	0.02
15.95	3.38	1.16	0.03	18.55	3.58	1.29	0.02
16.00	3.39	1.16	0.03	18.60	3.58	1.30	0.02
16.05	3.39	1.17	0.03	18.65	3.58	1.30	0.02
16.10	3.40	1.17	0.03	18.70	3.59	1.30	0.02
16.15	3.40	1.17	0.03	18.75	3.59	1.30	0.02
16.20	3.41	1.18	0.03	18.80	3.59	1.30	0.02
16.25	3.41	1.18	0.03	18.85	3.60	1.31	0.02
16.30	3.42	1.18	0.03	18.90	3.60	1.31	0.02
16.35	3.42	1.19	0.03	18.95	3.60	1.31	0.02
16.40	3.42	1.19	0.03	19.00	3.61	1.31	0.02
16.45	3.43	1.19	0.03	19.05	3.61	1.32	0.02
16.50	3.43	1.19	0.03	19.10	3.61	1.32	0.02
16.55	3.44	1.20	0.03	19.15	3.61	1.32	0.02
16.60	3.44	1.20	0.03	19.20	3.62	1.32	0.02
16.65	3.45	1.20	0.03	19.25	3.62	1.32	0.02
16.70	3.45	1.21	0.03	19.30	3.62	1.33	0.02
16.75	3.45	1.21	0.03	19.35	3.63	1.33	0.02
16.80	3.46	1.21	0.03	19.40	3.63	1.33	0.02
16.85	3.46	1.21	0.03	19.45	3.63	1.33	0.02
16.90	3.47	1.22	0.03	19.50	3.63	1.33	0.02
16.95	3.47	1.22	0.03	19.55	3.64	1.34	0.02
17.00	3.47	1.22	0.03	19.60	3.64	1.34	0.02
17.05	3.48	1.22	0.03	19.65	3.64	1.34	0.02
17.10	3.48	1.23	0.03	19.70	3.65	1.34	0.02
17.15	3.49	1.23	0.03	19.75	3.65	1.34	0.02
17.20	3.49	1.23	0.03	19.80	3.65	1.34	0.02
17.25	3.49	1.24	0.02	19.85	3.65	1.35	0.02
17.30	3.50	1.24	0.02	19.90	3.66	1.35	0.02
17.35	3.50	1.24	0.02	19.95	3.66	1.35	0.02
17.40	3.50	1.24	0.02	20.00	3.66	1.35	0.02
17.45	3.51	1.25	0.02	20.05	3.66	1.35	0.02
17.50	3.51	1.25	0.02	20.10	3.67	1.36	0.02
17.55	3.52	1.25	0.02	20.15	3.67	1.36	0.02
17.60	3.52	1.25	0.02	20.20	3.67	1.36	0.02
17.65	3.52	1.26	0.02	20.25	3.68	1.36	0.02
17.70	3.53	1.26	0.02	20.30	3.68	1.36	0.02
17.75	3.53	1.26	0.02	20.35	3.68	1.37	0.02
17.80	3.53	1.26	0.02	20.40	3.68	1.37	0.02
17.85	3.54	1.26	0.02	20.45	3.69	1.37	0.02
17.90	3.54	1.27	0.02	20.50	3.69	1.37	0.02
17.95	3.54	1.27	0.02	20.55	3.69	1.37	0.02
18.00	3.54	1.27	0.02	20.60	3.69	1.38	0.02
18.05	3.55	1.27	0.02	20.65	3.70	1.38	0.02
18.10	3.55	1.28	0.02	20.70	3.70	1.38	0.02
18.15	3.55	1.28	0.02	20.75	3.70	1.38	0.02

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.02	23.40	3.82	1.47	0.01
20.85	3.71	1.38	0.02	23.45	3.83	1.47	0.01
20.90	3.71	1.39	0.02	23.50	3.83	1.47	0.01
20.95	3.71	1.39	0.02	23.55	3.83	1.47	0.01
21.00	3.71	1.39	0.02	23.60	3.83	1.47	0.01
21.05	3.72	1.39	0.02	23.65	3.84	1.48	0.01
21.10	3.72	1.39	0.02	23.70	3.84	1.48	0.01
21.15	3.72	1.40	0.02	23.75	3.84	1.48	0.01
21.20	3.72	1.40	0.02	23.80	3.84	1.48	0.01
21.25	3.73	1.40	0.02	23.85	3.84	1.48	0.01
21.30	3.73	1.40	0.02	23.90	3.85	1.48	0.01
21.35	3.73	1.40	0.02	23.95	3.85	1.49	0.02
21.40	3.73	1.40	0.02	24.00	3.85	1.49	0.02
21.45	3.74	1.41	0.02	24.05	3.85	1.49	0.00
21.50	3.74	1.41	0.02	24.10	3.85	1.49	0.00
21.55	3.74	1.41	0.02	24.15	3.85	1.49	0.00
21.60	3.74	1.41	0.02	24.20	3.85	1.49	0.00
21.65	3.75	1.41	0.02	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.02	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.02	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.02	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.02	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.02	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.02	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.02	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.02	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.02	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.02	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.02	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.02	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.02	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.02	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.02	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.02	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.02	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.02	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.02	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.02	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.02	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.02	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.02	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.02	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.02	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.02	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.02	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.01	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.01	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.01	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.01	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.01	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.01	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.01	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 43I: PDA-43 (impervious)

Runoff = 4.20 cfs @ 12.08 hrs, Volume= 0.277 af, Depth= 3.62"
 Routed to Pond B-43 : Basin #43

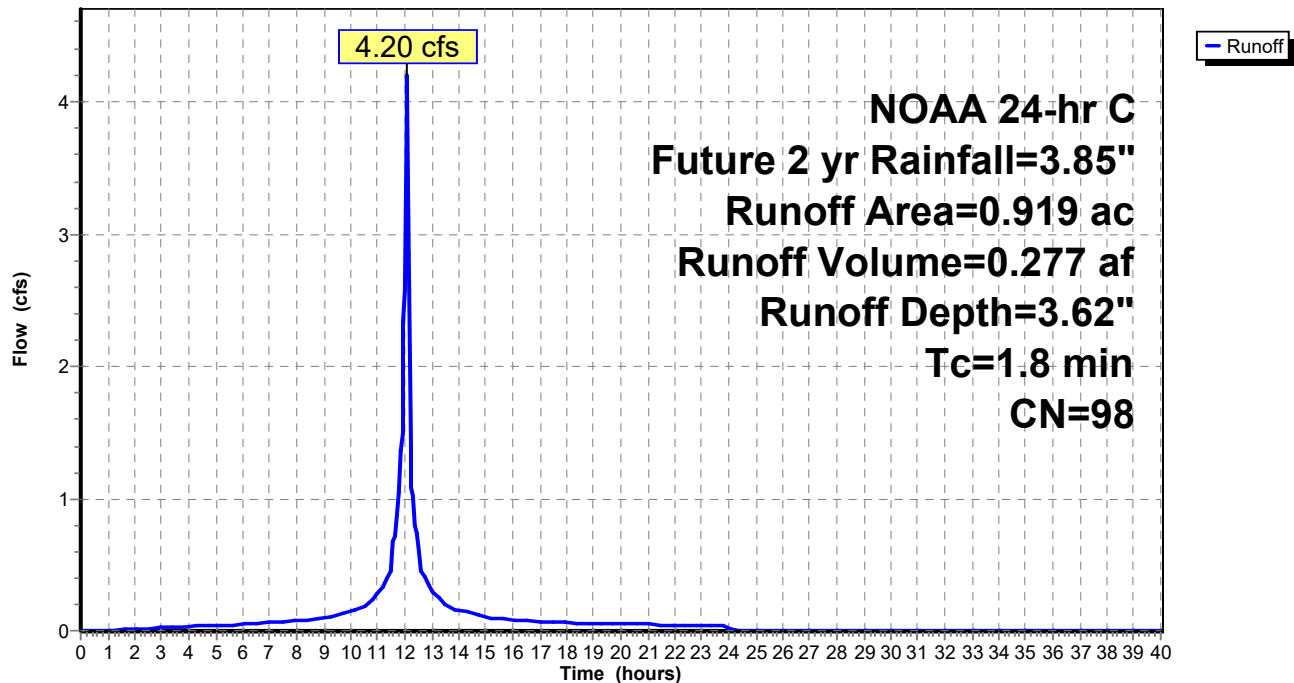
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.326	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.071	98	Concrete, HSC C
0.919	98	Weighted Average
0.919		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8					Direct Entry,

Subcatchment 43I: PDA-43 (impervious)

Hydrograph



Hydrograph for Subcatchment 43I: PDA-43 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.02
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.02
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.02
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.02
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.02
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.02
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.02
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.02
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.02
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.03
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.03
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.03
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.03
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.03
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.03
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.03
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.03
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.03
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.03
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.03
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.03
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.03
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.03
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.03
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.03
1.25	0.05	0.00	0.00	3.85	0.18	0.06	0.03
1.30	0.06	0.00	0.00	3.90	0.18	0.06	0.03
1.35	0.06	0.00	0.01	3.95	0.19	0.06	0.03
1.40	0.06	0.00	0.01	4.00	0.19	0.06	0.03
1.45	0.06	0.00	0.01	4.05	0.19	0.06	0.03
1.50	0.06	0.00	0.01	4.10	0.19	0.07	0.03
1.55	0.07	0.00	0.01	4.15	0.20	0.07	0.03
1.60	0.07	0.00	0.01	4.20	0.20	0.07	0.03
1.65	0.07	0.00	0.01	4.25	0.20	0.07	0.04
1.70	0.07	0.00	0.01	4.30	0.20	0.07	0.04
1.75	0.08	0.01	0.01	4.35	0.21	0.08	0.04
1.80	0.08	0.01	0.01	4.40	0.21	0.08	0.04
1.85	0.08	0.01	0.01	4.45	0.21	0.08	0.04
1.90	0.08	0.01	0.01	4.50	0.22	0.08	0.04
1.95	0.08	0.01	0.01	4.55	0.22	0.08	0.04
2.00	0.09	0.01	0.01	4.60	0.22	0.09	0.04
2.05	0.09	0.01	0.01	4.65	0.22	0.09	0.04
2.10	0.09	0.01	0.02	4.70	0.23	0.09	0.04
2.15	0.09	0.01	0.02	4.75	0.23	0.09	0.04
2.20	0.10	0.01	0.02	4.80	0.23	0.09	0.04
2.25	0.10	0.01	0.02	4.85	0.24	0.10	0.04
2.30	0.10	0.01	0.02	4.90	0.24	0.10	0.04
2.35	0.10	0.01	0.02	4.95	0.24	0.10	0.04
2.40	0.11	0.02	0.02	5.00	0.24	0.10	0.04
2.45	0.11	0.02	0.02	5.05	0.25	0.10	0.04
2.50	0.11	0.02	0.02	5.10	0.25	0.11	0.04
2.55	0.11	0.02	0.02	5.15	0.25	0.11	0.04

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.04	7.80	0.44	0.27	0.07
5.25	0.26	0.11	0.04	7.85	0.45	0.27	0.07
5.30	0.26	0.12	0.04	7.90	0.45	0.27	0.08
5.35	0.27	0.12	0.04	7.95	0.46	0.28	0.08
5.40	0.27	0.12	0.04	8.00	0.46	0.28	0.08
5.45	0.27	0.12	0.04	8.05	0.47	0.29	0.08
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.08
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.08
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.08
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.08
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.08
5.75	0.29	0.14	0.05	8.35	0.49	0.31	0.08
5.80	0.29	0.14	0.05	8.40	0.50	0.32	0.08
5.85	0.30	0.14	0.05	8.45	0.50	0.32	0.08
5.90	0.30	0.14	0.05	8.50	0.51	0.33	0.08
5.95	0.30	0.15	0.05	8.55	0.51	0.33	0.09
6.00	0.31	0.15	0.05	8.60	0.52	0.34	0.09
6.05	0.31	0.15	0.05	8.65	0.53	0.34	0.09
6.10	0.31	0.15	0.05	8.70	0.53	0.35	0.09
6.15	0.31	0.16	0.05	8.75	0.54	0.35	0.09
6.20	0.32	0.16	0.05	8.80	0.54	0.36	0.09
6.25	0.32	0.16	0.05	8.85	0.55	0.36	0.09
6.30	0.32	0.17	0.05	8.90	0.55	0.36	0.09
6.35	0.33	0.17	0.05	8.95	0.56	0.37	0.09
6.40	0.33	0.17	0.05	9.00	0.56	0.37	0.09
6.45	0.33	0.17	0.05	9.05	0.57	0.38	0.10
6.50	0.34	0.18	0.05	9.10	0.57	0.39	0.10
6.55	0.34	0.18	0.06	9.15	0.58	0.39	0.10
6.60	0.35	0.18	0.06	9.20	0.59	0.40	0.10
6.65	0.35	0.19	0.06	9.25	0.59	0.40	0.11
6.70	0.35	0.19	0.06	9.30	0.60	0.41	0.11
6.75	0.36	0.19	0.06	9.35	0.60	0.41	0.11
6.80	0.36	0.19	0.06	9.40	0.61	0.42	0.11
6.85	0.36	0.20	0.06	9.45	0.62	0.43	0.12
6.90	0.37	0.20	0.06	9.50	0.62	0.43	0.12
6.95	0.37	0.20	0.06	9.55	0.63	0.44	0.12
7.00	0.38	0.21	0.06	9.60	0.64	0.45	0.12
7.05	0.38	0.21	0.06	9.65	0.65	0.45	0.13
7.10	0.38	0.21	0.06	9.70	0.65	0.46	0.13
7.15	0.39	0.22	0.06	9.75	0.66	0.47	0.13
7.20	0.39	0.22	0.06	9.80	0.67	0.47	0.13
7.25	0.40	0.23	0.07	9.85	0.68	0.48	0.14
7.30	0.40	0.23	0.07	9.90	0.69	0.49	0.14
7.35	0.40	0.23	0.07	9.95	0.69	0.50	0.14
7.40	0.41	0.24	0.07	10.00	0.70	0.51	0.15
7.45	0.41	0.24	0.07	10.05	0.71	0.51	0.15
7.50	0.42	0.24	0.07	10.10	0.72	0.52	0.15
7.55	0.42	0.25	0.07	10.15	0.73	0.53	0.16
7.60	0.43	0.25	0.07	10.20	0.74	0.54	0.16
7.65	0.43	0.25	0.07	10.25	0.75	0.55	0.16
7.70	0.43	0.26	0.07	10.30	0.76	0.56	0.16
7.75	0.44	0.26	0.07	10.35	0.76	0.56	0.17

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.17	13.00	2.93	2.69	0.32
10.45	0.78	0.58	0.17	13.05	2.94	2.71	0.29
10.50	0.79	0.59	0.17	13.10	2.96	2.73	0.28
10.55	0.80	0.60	0.19	13.15	2.97	2.74	0.26
10.60	0.82	0.61	0.19	13.20	2.98	2.75	0.26
10.65	0.83	0.62	0.21	13.25	3.00	2.77	0.24
10.70	0.84	0.64	0.21	13.30	3.01	2.78	0.24
10.75	0.85	0.65	0.23	13.35	3.02	2.79	0.22
10.80	0.87	0.66	0.23	13.40	3.03	2.80	0.22
10.85	0.88	0.67	0.25	13.45	3.05	2.81	0.20
10.90	0.89	0.69	0.25	13.50	3.06	2.82	0.20
10.95	0.91	0.70	0.27	13.55	3.07	2.83	0.18
11.00	0.92	0.72	0.28	13.60	3.08	2.84	0.18
11.05	0.94	0.73	0.31	13.65	3.09	2.85	0.17
11.10	0.96	0.75	0.31	13.70	3.09	2.86	0.17
11.15	0.98	0.77	0.34	13.75	3.10	2.87	0.17
11.20	1.00	0.79	0.35	13.80	3.11	2.88	0.17
11.25	1.02	0.81	0.38	13.85	3.12	2.89	0.16
11.30	1.04	0.83	0.39	13.90	3.13	2.90	0.16
11.35	1.06	0.85	0.42	13.95	3.14	2.91	0.16
11.40	1.09	0.88	0.43	14.00	3.15	2.92	0.16
11.45	1.11	0.90	0.45	14.05	3.16	2.92	0.15
11.50	1.14	0.92	0.47	14.10	3.16	2.93	0.15
11.55	1.18	0.96	0.67	14.15	3.17	2.94	0.15
11.60	1.22	1.00	0.71	14.20	3.18	2.95	0.15
11.65	1.26	1.04	0.74	14.25	3.19	2.96	0.14
11.70	1.30	1.08	0.76	14.30	3.20	2.96	0.14
11.75	1.35	1.14	0.99	14.35	3.20	2.97	0.14
11.80	1.41	1.19	1.05	14.40	3.21	2.98	0.14
11.85	1.49	1.27	1.37	14.45	3.22	2.99	0.13
11.90	1.57	1.34	1.50	14.50	3.23	2.99	0.13
11.95	1.70	1.48	2.33	14.55	3.23	3.00	0.13
12.00	1.83	1.61	2.58	14.60	3.24	3.01	0.13
12.05	2.06	1.83	3.92	14.65	3.25	3.01	0.12
12.10	2.28	2.06	3.94	14.70	3.25	3.02	0.12
12.15	2.36	2.13	1.77	14.75	3.26	3.03	0.12
12.20	2.44	2.21	1.41	14.80	3.26	3.03	0.12
12.25	2.50	2.27	1.08	14.85	3.27	3.04	0.11
12.30	2.55	2.32	1.02	14.90	3.28	3.04	0.11
12.35	2.59	2.36	0.79	14.95	3.28	3.05	0.11
12.40	2.63	2.40	0.75	15.00	3.29	3.05	0.10
12.45	2.67	2.44	0.72	15.05	3.29	3.06	0.10
12.50	2.71	2.48	0.70	15.10	3.30	3.07	0.10
12.55	2.74	2.51	0.49	15.15	3.30	3.07	0.10
12.60	2.76	2.53	0.46	15.20	3.31	3.08	0.10
12.65	2.79	2.56	0.44	15.25	3.31	3.08	0.10
12.70	2.81	2.58	0.43	15.30	3.32	3.09	0.10
12.75	2.83	2.60	0.40	15.35	3.32	3.09	0.10
12.80	2.85	2.62	0.39	15.40	3.33	3.10	0.10
12.85	2.87	2.64	0.36	15.45	3.34	3.10	0.09
12.90	2.89	2.66	0.36	15.50	3.34	3.11	0.09
12.95	2.91	2.68	0.32	15.55	3.35	3.11	0.09

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.09	18.20	3.56	3.32	0.06
15.65	3.36	3.12	0.09	18.25	3.56	3.33	0.06
15.70	3.36	3.13	0.09	18.30	3.56	3.33	0.06
15.75	3.36	3.13	0.09	18.35	3.57	3.33	0.06
15.80	3.37	3.14	0.09	18.40	3.57	3.34	0.06
15.85	3.37	3.14	0.09	18.45	3.57	3.34	0.06
15.90	3.38	3.15	0.09	18.50	3.58	3.34	0.06
15.95	3.38	3.15	0.09	18.55	3.58	3.34	0.06
16.00	3.39	3.16	0.09	18.60	3.58	3.35	0.06
16.05	3.39	3.16	0.09	18.65	3.58	3.35	0.06
16.10	3.40	3.16	0.09	18.70	3.59	3.35	0.06
16.15	3.40	3.17	0.08	18.75	3.59	3.36	0.05
16.20	3.41	3.17	0.08	18.80	3.59	3.36	0.05
16.25	3.41	3.18	0.08	18.85	3.60	3.36	0.05
16.30	3.42	3.18	0.08	18.90	3.60	3.37	0.05
16.35	3.42	3.19	0.08	18.95	3.60	3.37	0.05
16.40	3.42	3.19	0.08	19.00	3.61	3.37	0.05
16.45	3.43	3.20	0.08	19.05	3.61	3.37	0.05
16.50	3.43	3.20	0.08	19.10	3.61	3.38	0.05
16.55	3.44	3.20	0.08	19.15	3.61	3.38	0.05
16.60	3.44	3.21	0.08	19.20	3.62	3.38	0.05
16.65	3.45	3.21	0.08	19.25	3.62	3.39	0.05
16.70	3.45	3.22	0.08	19.30	3.62	3.39	0.05
16.75	3.45	3.22	0.08	19.35	3.63	3.39	0.05
16.80	3.46	3.23	0.08	19.40	3.63	3.39	0.05
16.85	3.46	3.23	0.07	19.45	3.63	3.40	0.05
16.90	3.47	3.23	0.07	19.50	3.63	3.40	0.05
16.95	3.47	3.24	0.07	19.55	3.64	3.40	0.05
17.00	3.47	3.24	0.07	19.60	3.64	3.41	0.05
17.05	3.48	3.24	0.07	19.65	3.64	3.41	0.05
17.10	3.48	3.25	0.07	19.70	3.65	3.41	0.05
17.15	3.49	3.25	0.07	19.75	3.65	3.41	0.05
17.20	3.49	3.26	0.07	19.80	3.65	3.42	0.05
17.25	3.49	3.26	0.07	19.85	3.65	3.42	0.05
17.30	3.50	3.26	0.07	19.90	3.66	3.42	0.05
17.35	3.50	3.27	0.07	19.95	3.66	3.42	0.05
17.40	3.50	3.27	0.07	20.00	3.66	3.43	0.05
17.45	3.51	3.27	0.07	20.05	3.66	3.43	0.05
17.50	3.51	3.28	0.07	20.10	3.67	3.43	0.05
17.55	3.52	3.28	0.06	20.15	3.67	3.44	0.05
17.60	3.52	3.28	0.06	20.20	3.67	3.44	0.05
17.65	3.52	3.29	0.06	20.25	3.68	3.44	0.05
17.70	3.53	3.29	0.06	20.30	3.68	3.44	0.05
17.75	3.53	3.30	0.06	20.35	3.68	3.45	0.05
17.80	3.53	3.30	0.06	20.40	3.68	3.45	0.05
17.85	3.54	3.30	0.06	20.45	3.69	3.45	0.05
17.90	3.54	3.30	0.06	20.50	3.69	3.45	0.05
17.95	3.54	3.31	0.06	20.55	3.69	3.46	0.05
18.00	3.54	3.31	0.06	20.60	3.69	3.46	0.05
18.05	3.55	3.31	0.06	20.65	3.70	3.46	0.05
18.10	3.55	3.32	0.06	20.70	3.70	3.46	0.05
18.15	3.55	3.32	0.06	20.75	3.70	3.47	0.05

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.05	23.40	3.82	3.59	0.04
20.85	3.71	3.47	0.05	23.45	3.83	3.59	0.04
20.90	3.71	3.47	0.05	23.50	3.83	3.59	0.04
20.95	3.71	3.48	0.05	23.55	3.83	3.60	0.04
21.00	3.71	3.48	0.05	23.60	3.83	3.60	0.04
21.05	3.72	3.48	0.05	23.65	3.84	3.60	0.04
21.10	3.72	3.49	0.05	23.70	3.84	3.60	0.04
21.15	3.72	3.49	0.05	23.75	3.84	3.60	0.04
21.20	3.72	3.49	0.05	23.80	3.84	3.61	0.04
21.25	3.73	3.49	0.05	23.85	3.84	3.61	0.04
21.30	3.73	3.50	0.05	23.90	3.85	3.61	0.04
21.35	3.73	3.50	0.05	23.95	3.85	3.61	0.04
21.40	3.73	3.50	0.05	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.05	24.05	3.85	3.62	0.01
21.50	3.74	3.50	0.05	24.10	3.85	3.62	0.00
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.00
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.04	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.04	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.04	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.04	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.04	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.04	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.04	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.04	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.04	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.04	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.04	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.04	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.04	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.04	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.04	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.04	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.04	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.04	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.04	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.04	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.04	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.04	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.04	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.04	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.04	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.04	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 43P: PDA-43 (pervious)

Runoff = 2.75 cfs @ 12.21 hrs, Volume= 0.222 af, Depth= 1.49"
 Routed to Pond B-43 : Basin #43

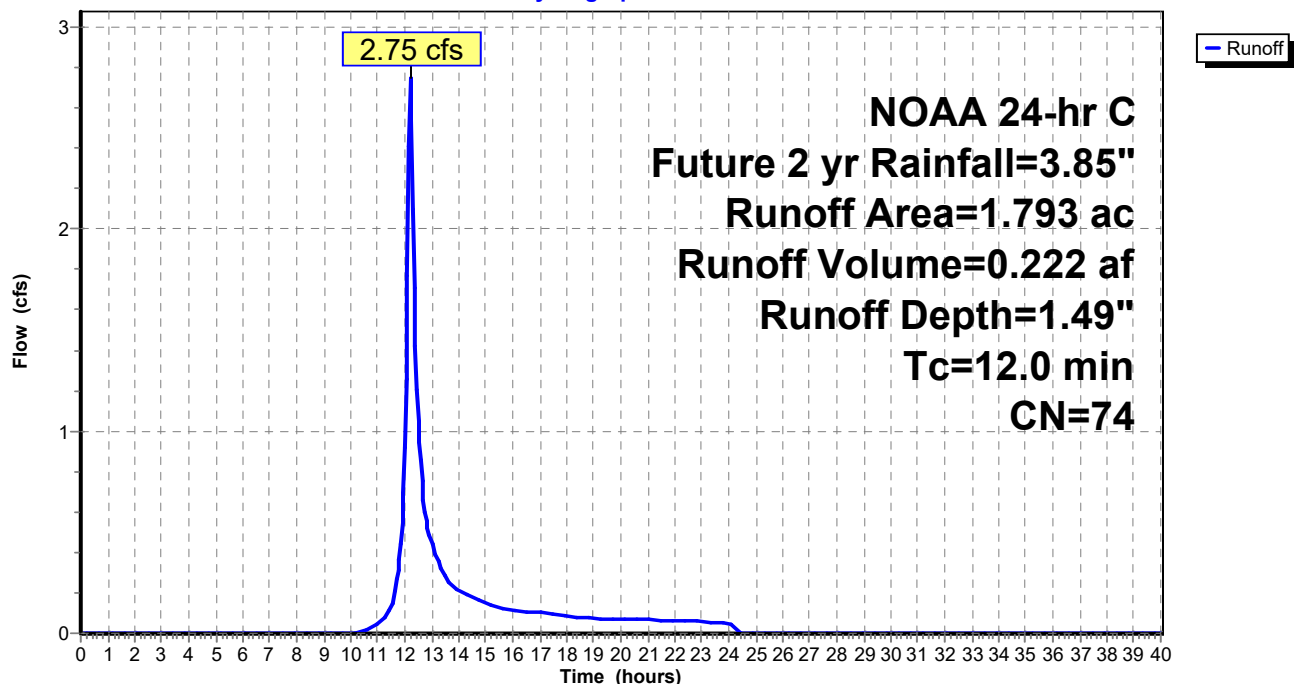
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.793	74	>75% Grass cover, Good, HSG C
1.793		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.0					Direct Entry,

Subcatchment 43P: PDA-43 (pervious)

Hydrograph



Hydrograph for Subcatchment 43P: PDA-43 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.45
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.43
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.41
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.38
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.36
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.35
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.33
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.32
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.31
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.30
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.28
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.27
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.26
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.25
11.10	0.96	0.02	0.06	13.70	3.09	0.97	0.24
11.15	0.98	0.02	0.06	13.75	3.10	0.97	0.23
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.22
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.22
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.22
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.21
11.40	1.09	0.04	0.12	14.00	3.15	1.00	0.21
11.45	1.11	0.04	0.13	14.05	3.16	1.01	0.21
11.50	1.14	0.05	0.14	14.10	3.16	1.01	0.20
11.55	1.18	0.06	0.16	14.15	3.17	1.02	0.20
11.60	1.22	0.07	0.18	14.20	3.18	1.02	0.20
11.65	1.26	0.08	0.23	14.25	3.19	1.03	0.19
11.70	1.30	0.09	0.27	14.30	3.20	1.03	0.19
11.75	1.35	0.10	0.31	14.35	3.20	1.04	0.19
11.80	1.41	0.12	0.37	14.40	3.21	1.04	0.19
11.85	1.49	0.14	0.44	14.45	3.22	1.05	0.18
11.90	1.57	0.17	0.55	14.50	3.23	1.05	0.18
11.95	1.70	0.22	0.69	14.55	3.23	1.06	0.18
12.00	1.83	0.28	0.92	14.60	3.24	1.06	0.17
12.05	2.06	0.38	1.26	14.65	3.25	1.07	0.17
12.10	2.28	0.49	1.77	14.70	3.25	1.07	0.17
12.15	2.36	0.53	2.41	14.75	3.26	1.08	0.16
12.20	2.44	0.57	2.74	14.80	3.26	1.08	0.16
12.25	2.50	0.61	2.54	14.85	3.27	1.08	0.16
12.30	2.55	0.64	2.09	14.90	3.28	1.09	0.15
12.35	2.59	0.66	1.70	14.95	3.28	1.09	0.15
12.40	2.63	0.69	1.42	15.00	3.29	1.10	0.15
12.45	2.67	0.71	1.20	15.05	3.29	1.10	0.14
12.50	2.71	0.73	1.05	15.10	3.30	1.10	0.14
12.55	2.74	0.75	0.95	15.15	3.30	1.11	0.14
12.60	2.76	0.76	0.86	15.20	3.31	1.11	0.13
12.65	2.79	0.78	0.75	15.25	3.31	1.11	0.13
12.70	2.81	0.79	0.66	15.30	3.32	1.12	0.13
12.75	2.83	0.80	0.59	15.35	3.32	1.12	0.13
12.80	2.85	0.82	0.55	15.40	3.33	1.12	0.13
12.85	2.87	0.83	0.52	15.45	3.34	1.13	0.13
12.90	2.89	0.84	0.50	15.50	3.34	1.13	0.13
12.95	2.91	0.85	0.47	15.55	3.35	1.13	0.13

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.12	18.20	3.56	1.28	0.08
15.65	3.36	1.14	0.12	18.25	3.56	1.28	0.08
15.70	3.36	1.14	0.12	18.30	3.56	1.28	0.08
15.75	3.36	1.15	0.12	18.35	3.57	1.29	0.08
15.80	3.37	1.15	0.12	18.40	3.57	1.29	0.08
15.85	3.37	1.15	0.12	18.45	3.57	1.29	0.08
15.90	3.38	1.16	0.12	18.50	3.58	1.29	0.08
15.95	3.38	1.16	0.12	18.55	3.58	1.29	0.08
16.00	3.39	1.16	0.12	18.60	3.58	1.30	0.08
16.05	3.39	1.17	0.12	18.65	3.58	1.30	0.08
16.10	3.40	1.17	0.12	18.70	3.59	1.30	0.08
16.15	3.40	1.17	0.12	18.75	3.59	1.30	0.08
16.20	3.41	1.18	0.11	18.80	3.59	1.30	0.08
16.25	3.41	1.18	0.11	18.85	3.60	1.31	0.08
16.30	3.42	1.18	0.11	18.90	3.60	1.31	0.08
16.35	3.42	1.19	0.11	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.11	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.11	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.11	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.11	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.11	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.11	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.11	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.10	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.10	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.10	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.10	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.10	19.55	3.64	1.34	0.07
17.00	3.47	1.22	0.10	19.60	3.64	1.34	0.07
17.05	3.48	1.22	0.10	19.65	3.64	1.34	0.07
17.10	3.48	1.23	0.10	19.70	3.65	1.34	0.07
17.15	3.49	1.23	0.10	19.75	3.65	1.34	0.07
17.20	3.49	1.23	0.10	19.80	3.65	1.34	0.07
17.25	3.49	1.24	0.10	19.85	3.65	1.35	0.07
17.30	3.50	1.24	0.10	19.90	3.66	1.35	0.07
17.35	3.50	1.24	0.09	19.95	3.66	1.35	0.07
17.40	3.50	1.24	0.09	20.00	3.66	1.35	0.07
17.45	3.51	1.25	0.09	20.05	3.66	1.35	0.07
17.50	3.51	1.25	0.09	20.10	3.67	1.36	0.07
17.55	3.52	1.25	0.09	20.15	3.67	1.36	0.07
17.60	3.52	1.25	0.09	20.20	3.67	1.36	0.07
17.65	3.52	1.26	0.09	20.25	3.68	1.36	0.07
17.70	3.53	1.26	0.09	20.30	3.68	1.36	0.07
17.75	3.53	1.26	0.09	20.35	3.68	1.37	0.07
17.80	3.53	1.26	0.09	20.40	3.68	1.37	0.07
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.07
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.07
17.95	3.54	1.27	0.08	20.55	3.69	1.37	0.07
18.00	3.54	1.27	0.08	20.60	3.69	1.38	0.07
18.05	3.55	1.27	0.08	20.65	3.70	1.38	0.07
18.10	3.55	1.28	0.08	20.70	3.70	1.38	0.07
18.15	3.55	1.28	0.08	20.75	3.70	1.38	0.07

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.07	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.07	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.07	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.07	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.07	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.07	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.07	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.07	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.06
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.05
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.04
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.02
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.01
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.01
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.06	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.06	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.06	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.06	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.06	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.06	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.06	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.06	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.06	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.06	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.06	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.06	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.06	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.06	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.06	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.06	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.06	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.06	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.06	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.06	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.06	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.06	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.06	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.06	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.06	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.06	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 44I: PDA-44 (impervious)

Runoff = 1.44 cfs @ 12.17 hrs, Volume= 0.124 af, Depth= 3.62"
 Routed to Pond B-44 : Basin #44

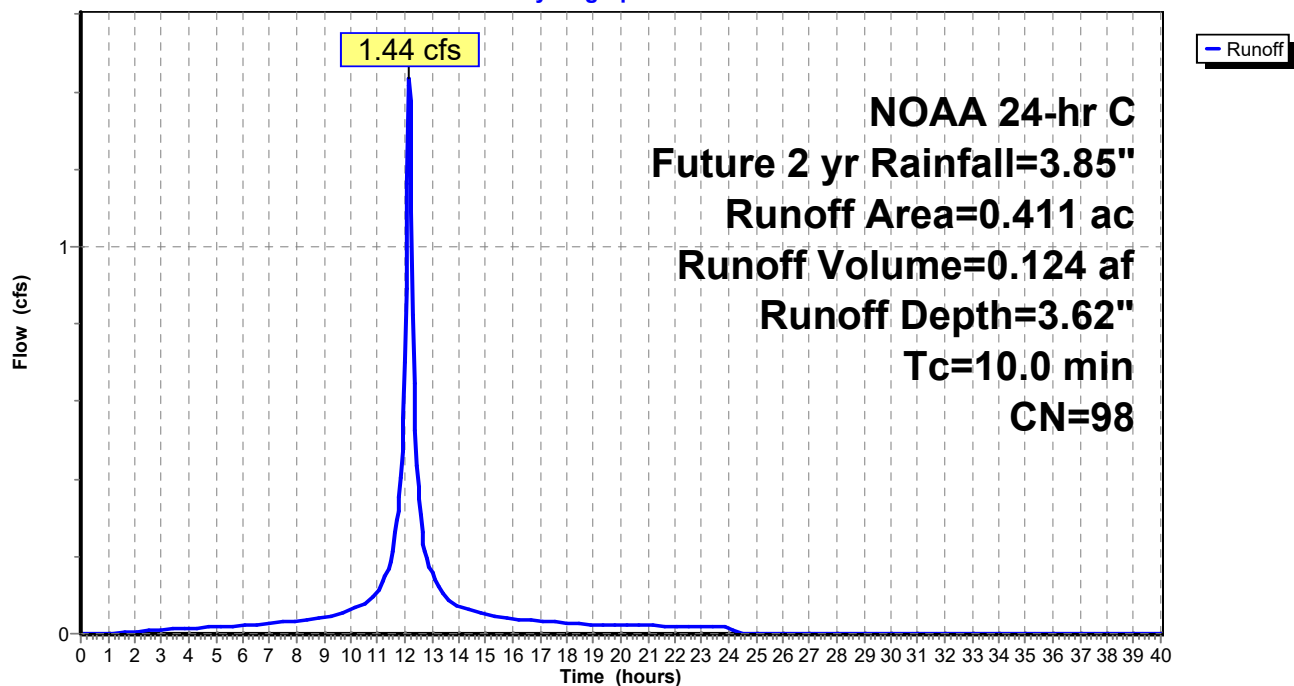
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.283	98	Pavement, HSG C
* 0.104	98	Roof, HSG C
* 0.024	98	Concrete, HSC C
0.411	98	Weighted Average
0.411		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44I: PDA-44 (impervious)

Hydrograph



Hydrograph for Subcatchment 44I: PDA-44 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.01
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.01
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.01
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.01
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.01
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.01
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.01
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.01
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.01
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.01
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.01
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.01
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.01
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.01
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.01
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.01
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.01
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.01
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.01
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.01
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.01
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.01
1.25	0.05	0.00	0.00	3.85	0.18	0.06	0.01
1.30	0.06	0.00	0.00	3.90	0.18	0.06	0.01
1.35	0.06	0.00	0.00	3.95	0.19	0.06	0.01
1.40	0.06	0.00	0.00	4.00	0.19	0.06	0.01
1.45	0.06	0.00	0.00	4.05	0.19	0.06	0.01
1.50	0.06	0.00	0.00	4.10	0.19	0.07	0.01
1.55	0.07	0.00	0.00	4.15	0.20	0.07	0.01
1.60	0.07	0.00	0.00	4.20	0.20	0.07	0.02
1.65	0.07	0.00	0.00	4.25	0.20	0.07	0.02
1.70	0.07	0.00	0.00	4.30	0.20	0.07	0.02
1.75	0.08	0.01	0.00	4.35	0.21	0.08	0.02
1.80	0.08	0.01	0.00	4.40	0.21	0.08	0.02
1.85	0.08	0.01	0.00	4.45	0.21	0.08	0.02
1.90	0.08	0.01	0.01	4.50	0.22	0.08	0.02
1.95	0.08	0.01	0.01	4.55	0.22	0.08	0.02
2.00	0.09	0.01	0.01	4.60	0.22	0.09	0.02
2.05	0.09	0.01	0.01	4.65	0.22	0.09	0.02
2.10	0.09	0.01	0.01	4.70	0.23	0.09	0.02
2.15	0.09	0.01	0.01	4.75	0.23	0.09	0.02
2.20	0.10	0.01	0.01	4.80	0.23	0.09	0.02
2.25	0.10	0.01	0.01	4.85	0.24	0.10	0.02
2.30	0.10	0.01	0.01	4.90	0.24	0.10	0.02
2.35	0.10	0.01	0.01	4.95	0.24	0.10	0.02
2.40	0.11	0.02	0.01	5.00	0.24	0.10	0.02
2.45	0.11	0.02	0.01	5.05	0.25	0.10	0.02
2.50	0.11	0.02	0.01	5.10	0.25	0.11	0.02
2.55	0.11	0.02	0.01	5.15	0.25	0.11	0.02

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.02	7.80	0.44	0.27	0.03
5.25	0.26	0.11	0.02	7.85	0.45	0.27	0.03
5.30	0.26	0.12	0.02	7.90	0.45	0.27	0.03
5.35	0.27	0.12	0.02	7.95	0.46	0.28	0.03
5.40	0.27	0.12	0.02	8.00	0.46	0.28	0.03
5.45	0.27	0.12	0.02	8.05	0.47	0.29	0.03
5.50	0.27	0.12	0.02	8.10	0.47	0.29	0.03
5.55	0.28	0.13	0.02	8.15	0.48	0.30	0.03
5.60	0.28	0.13	0.02	8.20	0.48	0.30	0.03
5.65	0.28	0.13	0.02	8.25	0.49	0.30	0.04
5.70	0.29	0.13	0.02	8.30	0.49	0.31	0.04
5.75	0.29	0.14	0.02	8.35	0.49	0.31	0.04
5.80	0.29	0.14	0.02	8.40	0.50	0.32	0.04
5.85	0.30	0.14	0.02	8.45	0.50	0.32	0.04
5.90	0.30	0.14	0.02	8.50	0.51	0.33	0.04
5.95	0.30	0.15	0.02	8.55	0.51	0.33	0.04
6.00	0.31	0.15	0.02	8.60	0.52	0.34	0.04
6.05	0.31	0.15	0.02	8.65	0.53	0.34	0.04
6.10	0.31	0.15	0.02	8.70	0.53	0.35	0.04
6.15	0.31	0.16	0.02	8.75	0.54	0.35	0.04
6.20	0.32	0.16	0.02	8.80	0.54	0.36	0.04
6.25	0.32	0.16	0.02	8.85	0.55	0.36	0.04
6.30	0.32	0.17	0.02	8.90	0.55	0.36	0.04
6.35	0.33	0.17	0.02	8.95	0.56	0.37	0.04
6.40	0.33	0.17	0.02	9.00	0.56	0.37	0.04
6.45	0.33	0.17	0.02	9.05	0.57	0.38	0.04
6.50	0.34	0.18	0.02	9.10	0.57	0.39	0.04
6.55	0.34	0.18	0.02	9.15	0.58	0.39	0.04
6.60	0.35	0.18	0.02	9.20	0.59	0.40	0.04
6.65	0.35	0.19	0.02	9.25	0.59	0.40	0.04
6.70	0.35	0.19	0.02	9.30	0.60	0.41	0.05
6.75	0.36	0.19	0.03	9.35	0.60	0.41	0.05
6.80	0.36	0.19	0.03	9.40	0.61	0.42	0.05
6.85	0.36	0.20	0.03	9.45	0.62	0.43	0.05
6.90	0.37	0.20	0.03	9.50	0.62	0.43	0.05
6.95	0.37	0.20	0.03	9.55	0.63	0.44	0.05
7.00	0.38	0.21	0.03	9.60	0.64	0.45	0.05
7.05	0.38	0.21	0.03	9.65	0.65	0.45	0.05
7.10	0.38	0.21	0.03	9.70	0.65	0.46	0.06
7.15	0.39	0.22	0.03	9.75	0.66	0.47	0.06
7.20	0.39	0.22	0.03	9.80	0.67	0.47	0.06
7.25	0.40	0.23	0.03	9.85	0.68	0.48	0.06
7.30	0.40	0.23	0.03	9.90	0.69	0.49	0.06
7.35	0.40	0.23	0.03	9.95	0.69	0.50	0.06
7.40	0.41	0.24	0.03	10.00	0.70	0.51	0.06
7.45	0.41	0.24	0.03	10.05	0.71	0.51	0.06
7.50	0.42	0.24	0.03	10.10	0.72	0.52	0.06
7.55	0.42	0.25	0.03	10.15	0.73	0.53	0.07
7.60	0.43	0.25	0.03	10.20	0.74	0.54	0.07
7.65	0.43	0.25	0.03	10.25	0.75	0.55	0.07
7.70	0.43	0.26	0.03	10.30	0.76	0.56	0.07
7.75	0.44	0.26	0.03	10.35	0.76	0.56	0.07

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.07	13.00	2.93	2.69	0.16
10.45	0.78	0.58	0.07	13.05	2.94	2.71	0.15
10.50	0.79	0.59	0.07	13.10	2.96	2.73	0.14
10.55	0.80	0.60	0.08	13.15	2.97	2.74	0.14
10.60	0.82	0.61	0.08	13.20	2.98	2.75	0.13
10.65	0.83	0.62	0.08	13.25	3.00	2.77	0.12
10.70	0.84	0.64	0.09	13.30	3.01	2.78	0.12
10.75	0.85	0.65	0.09	13.35	3.02	2.79	0.11
10.80	0.87	0.66	0.09	13.40	3.03	2.80	0.11
10.85	0.88	0.67	0.10	13.45	3.05	2.81	0.10
10.90	0.89	0.69	0.10	13.50	3.06	2.82	0.10
10.95	0.91	0.70	0.11	13.55	3.07	2.83	0.09
11.00	0.92	0.72	0.11	13.60	3.08	2.84	0.09
11.05	0.94	0.73	0.12	13.65	3.09	2.85	0.09
11.10	0.96	0.75	0.12	13.70	3.09	2.86	0.08
11.15	0.98	0.77	0.13	13.75	3.10	2.87	0.08
11.20	1.00	0.79	0.14	13.80	3.11	2.88	0.08
11.25	1.02	0.81	0.15	13.85	3.12	2.89	0.08
11.30	1.04	0.83	0.15	13.90	3.13	2.90	0.08
11.35	1.06	0.85	0.16	13.95	3.14	2.91	0.07
11.40	1.09	0.88	0.17	14.00	3.15	2.92	0.07
11.45	1.11	0.90	0.18	14.05	3.16	2.92	0.07
11.50	1.14	0.92	0.19	14.10	3.16	2.93	0.07
11.55	1.18	0.96	0.20	14.15	3.17	2.94	0.07
11.60	1.22	1.00	0.23	14.20	3.18	2.95	0.07
11.65	1.26	1.04	0.26	14.25	3.19	2.96	0.07
11.70	1.30	1.08	0.29	14.30	3.20	2.96	0.07
11.75	1.35	1.14	0.32	14.35	3.20	2.97	0.06
11.80	1.41	1.19	0.35	14.40	3.21	2.98	0.06
11.85	1.49	1.27	0.40	14.45	3.22	2.99	0.06
11.90	1.57	1.34	0.47	14.50	3.23	2.99	0.06
11.95	1.70	1.48	0.56	14.55	3.23	3.00	0.06
12.00	1.83	1.61	0.70	14.60	3.24	3.01	0.06
12.05	2.06	1.83	0.89	14.65	3.25	3.01	0.06
12.10	2.28	2.06	1.16	14.70	3.25	3.02	0.06
12.15	2.36	2.13	1.42	14.75	3.26	3.03	0.06
12.20	2.44	2.21	1.38	14.80	3.26	3.03	0.05
12.25	2.50	2.27	1.09	14.85	3.27	3.04	0.05
12.30	2.55	2.32	0.82	14.90	3.28	3.04	0.05
12.35	2.59	2.36	0.65	14.95	3.28	3.05	0.05
12.40	2.63	2.40	0.52	15.00	3.29	3.05	0.05
12.45	2.67	2.44	0.44	15.05	3.29	3.06	0.05
12.50	2.71	2.48	0.38	15.10	3.30	3.07	0.05
12.55	2.74	2.51	0.35	15.15	3.30	3.07	0.05
12.60	2.76	2.53	0.31	15.20	3.31	3.08	0.05
12.65	2.79	2.56	0.26	15.25	3.31	3.08	0.04
12.70	2.81	2.58	0.23	15.30	3.32	3.09	0.04
12.75	2.83	2.60	0.21	15.35	3.32	3.09	0.04
12.80	2.85	2.62	0.20	15.40	3.33	3.10	0.04
12.85	2.87	2.64	0.19	15.45	3.34	3.10	0.04
12.90	2.89	2.66	0.18	15.50	3.34	3.11	0.04
12.95	2.91	2.68	0.17	15.55	3.35	3.11	0.04

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.04	18.20	3.56	3.32	0.03
15.65	3.36	3.12	0.04	18.25	3.56	3.33	0.03
15.70	3.36	3.13	0.04	18.30	3.56	3.33	0.03
15.75	3.36	3.13	0.04	18.35	3.57	3.33	0.03
15.80	3.37	3.14	0.04	18.40	3.57	3.34	0.03
15.85	3.37	3.14	0.04	18.45	3.57	3.34	0.03
15.90	3.38	3.15	0.04	18.50	3.58	3.34	0.03
15.95	3.38	3.15	0.04	18.55	3.58	3.34	0.03
16.00	3.39	3.16	0.04	18.60	3.58	3.35	0.02
16.05	3.39	3.16	0.04	18.65	3.58	3.35	0.02
16.10	3.40	3.16	0.04	18.70	3.59	3.35	0.02
16.15	3.40	3.17	0.04	18.75	3.59	3.36	0.02
16.20	3.41	3.17	0.04	18.80	3.59	3.36	0.02
16.25	3.41	3.18	0.04	18.85	3.60	3.36	0.02
16.30	3.42	3.18	0.04	18.90	3.60	3.37	0.02
16.35	3.42	3.19	0.04	18.95	3.60	3.37	0.02
16.40	3.42	3.19	0.04	19.00	3.61	3.37	0.02
16.45	3.43	3.20	0.04	19.05	3.61	3.37	0.02
16.50	3.43	3.20	0.04	19.10	3.61	3.38	0.02
16.55	3.44	3.20	0.04	19.15	3.61	3.38	0.02
16.60	3.44	3.21	0.04	19.20	3.62	3.38	0.02
16.65	3.45	3.21	0.04	19.25	3.62	3.39	0.02
16.70	3.45	3.22	0.04	19.30	3.62	3.39	0.02
16.75	3.45	3.22	0.03	19.35	3.63	3.39	0.02
16.80	3.46	3.23	0.03	19.40	3.63	3.39	0.02
16.85	3.46	3.23	0.03	19.45	3.63	3.40	0.02
16.90	3.47	3.23	0.03	19.50	3.63	3.40	0.02
16.95	3.47	3.24	0.03	19.55	3.64	3.40	0.02
17.00	3.47	3.24	0.03	19.60	3.64	3.41	0.02
17.05	3.48	3.24	0.03	19.65	3.64	3.41	0.02
17.10	3.48	3.25	0.03	19.70	3.65	3.41	0.02
17.15	3.49	3.25	0.03	19.75	3.65	3.41	0.02
17.20	3.49	3.26	0.03	19.80	3.65	3.42	0.02
17.25	3.49	3.26	0.03	19.85	3.65	3.42	0.02
17.30	3.50	3.26	0.03	19.90	3.66	3.42	0.02
17.35	3.50	3.27	0.03	19.95	3.66	3.42	0.02
17.40	3.50	3.27	0.03	20.00	3.66	3.43	0.02
17.45	3.51	3.27	0.03	20.05	3.66	3.43	0.02
17.50	3.51	3.28	0.03	20.10	3.67	3.43	0.02
17.55	3.52	3.28	0.03	20.15	3.67	3.44	0.02
17.60	3.52	3.28	0.03	20.20	3.67	3.44	0.02
17.65	3.52	3.29	0.03	20.25	3.68	3.44	0.02
17.70	3.53	3.29	0.03	20.30	3.68	3.44	0.02
17.75	3.53	3.30	0.03	20.35	3.68	3.45	0.02
17.80	3.53	3.30	0.03	20.40	3.68	3.45	0.02
17.85	3.54	3.30	0.03	20.45	3.69	3.45	0.02
17.90	3.54	3.30	0.03	20.50	3.69	3.45	0.02
17.95	3.54	3.31	0.03	20.55	3.69	3.46	0.02
18.00	3.54	3.31	0.03	20.60	3.69	3.46	0.02
18.05	3.55	3.31	0.03	20.65	3.70	3.46	0.02
18.10	3.55	3.32	0.03	20.70	3.70	3.46	0.02
18.15	3.55	3.32	0.03	20.75	3.70	3.47	0.02

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.02	23.40	3.82	3.59	0.02
20.85	3.71	3.47	0.02	23.45	3.83	3.59	0.02
20.90	3.71	3.47	0.02	23.50	3.83	3.59	0.02
20.95	3.71	3.48	0.02	23.55	3.83	3.60	0.02
21.00	3.71	3.48	0.02	23.60	3.83	3.60	0.02
21.05	3.72	3.48	0.02	23.65	3.84	3.60	0.02
21.10	3.72	3.49	0.02	23.70	3.84	3.60	0.02
21.15	3.72	3.49	0.02	23.75	3.84	3.60	0.02
21.20	3.72	3.49	0.02	23.80	3.84	3.61	0.02
21.25	3.73	3.49	0.02	23.85	3.84	3.61	0.02
21.30	3.73	3.50	0.02	23.90	3.85	3.61	0.02
21.35	3.73	3.50	0.02	23.95	3.85	3.61	0.02
21.40	3.73	3.50	0.02	24.00	3.85	3.62	0.02
21.45	3.74	3.50	0.02	24.05	3.85	3.62	0.02
21.50	3.74	3.50	0.02	24.10	3.85	3.62	0.01
21.55	3.74	3.51	0.02	24.15	3.85	3.62	0.01
21.60	3.74	3.51	0.02	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.02	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.02	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.02	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.02	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.02	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.02	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.02	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.02	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.02	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.02	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.02	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.02	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.02	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.02	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.02	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.02	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.02	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.02	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.02	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.02	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.02	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.02	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.02	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.02	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.02	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.02	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.02	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.02	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.02	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.02	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.02	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.02	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.02	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.02	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.02	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 44P: PDA-44 (pervious)

Runoff = 1.25 cfs @ 12.18 hrs, Volume= 0.096 af, Depth= 1.49"
 Routed to Pond B-44 : Basin #44

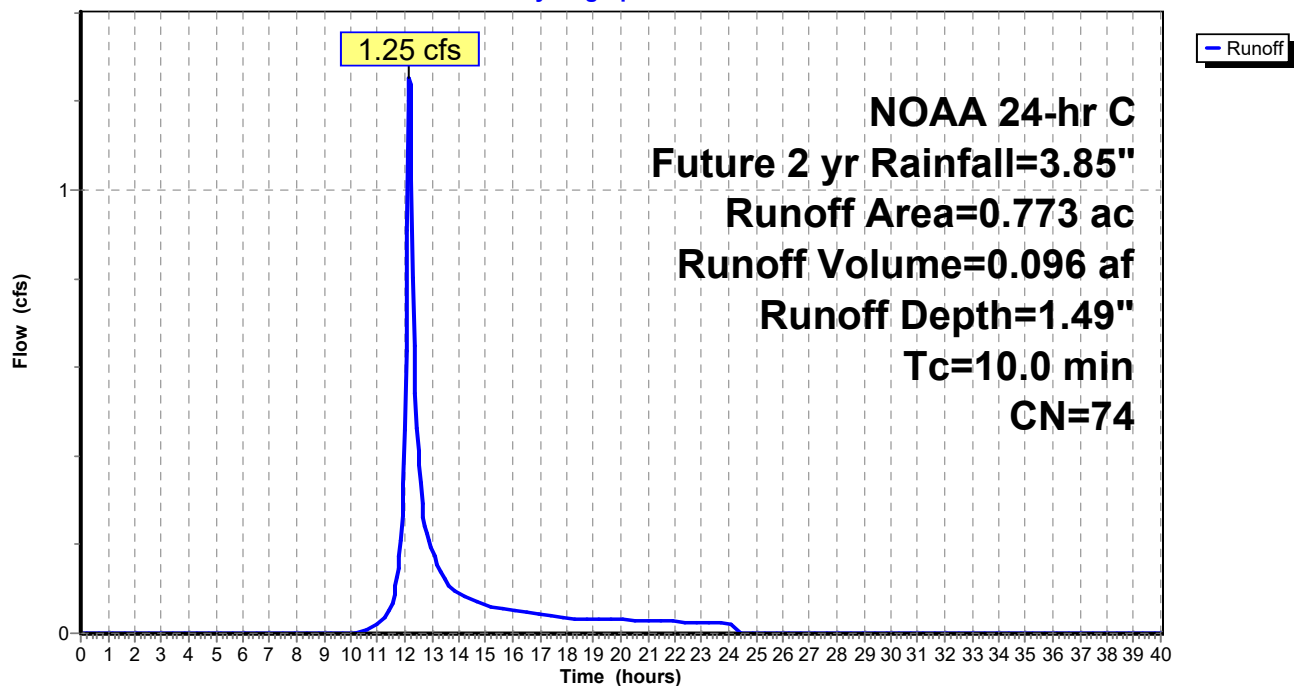
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.773	74	>75% Grass cover, Good, HSG C
0.773		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44P: PDA-44 (pervious)

Hydrograph



Hydrograph for Subcatchment 44P: PDA-44 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.19
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.18
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.17
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.16
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.15
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.15
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.14
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.13
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.13
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.12
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.12
10.95	0.91	0.01	0.02	13.55	3.07	0.95	0.11
11.00	0.92	0.01	0.02	13.60	3.08	0.96	0.11
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.10
11.10	0.96	0.02	0.03	13.70	3.09	0.97	0.10
11.15	0.98	0.02	0.03	13.75	3.10	0.97	0.10
11.20	1.00	0.02	0.03	13.80	3.11	0.98	0.10
11.25	1.02	0.03	0.04	13.85	3.12	0.99	0.09
11.30	1.04	0.03	0.04	13.90	3.13	0.99	0.09
11.35	1.06	0.03	0.05	13.95	3.14	1.00	0.09
11.40	1.09	0.04	0.05	14.00	3.15	1.00	0.09
11.45	1.11	0.04	0.06	14.05	3.16	1.01	0.09
11.50	1.14	0.05	0.06	14.10	3.16	1.01	0.09
11.55	1.18	0.06	0.07	14.15	3.17	1.02	0.09
11.60	1.22	0.07	0.09	14.20	3.18	1.02	0.08
11.65	1.26	0.08	0.11	14.25	3.19	1.03	0.08
11.70	1.30	0.09	0.13	14.30	3.20	1.03	0.08
11.75	1.35	0.10	0.15	14.35	3.20	1.04	0.08
11.80	1.41	0.12	0.17	14.40	3.21	1.04	0.08
11.85	1.49	0.14	0.21	14.45	3.22	1.05	0.08
11.90	1.57	0.17	0.26	14.50	3.23	1.05	0.08
11.95	1.70	0.22	0.34	14.55	3.23	1.06	0.07
12.00	1.83	0.28	0.46	14.60	3.24	1.06	0.07
12.05	2.06	0.38	0.64	14.65	3.25	1.07	0.07
12.10	2.28	0.49	0.91	14.70	3.25	1.07	0.07
12.15	2.36	0.53	1.20	14.75	3.26	1.08	0.07
12.20	2.44	0.57	1.24	14.80	3.26	1.08	0.07
12.25	2.50	0.61	1.02	14.85	3.27	1.08	0.07
12.30	2.55	0.64	0.80	14.90	3.28	1.09	0.07
12.35	2.59	0.66	0.65	14.95	3.28	1.09	0.06
12.40	2.63	0.69	0.54	15.00	3.29	1.10	0.06
12.45	2.67	0.71	0.46	15.05	3.29	1.10	0.06
12.50	2.71	0.73	0.41	15.10	3.30	1.10	0.06
12.55	2.74	0.75	0.38	15.15	3.30	1.11	0.06
12.60	2.76	0.76	0.34	15.20	3.31	1.11	0.06
12.65	2.79	0.78	0.29	15.25	3.31	1.11	0.06
12.70	2.81	0.79	0.26	15.30	3.32	1.12	0.06
12.75	2.83	0.80	0.24	15.35	3.32	1.12	0.06
12.80	2.85	0.82	0.23	15.40	3.33	1.12	0.05
12.85	2.87	0.83	0.22	15.45	3.34	1.13	0.05
12.90	2.89	0.84	0.21	15.50	3.34	1.13	0.05
12.95	2.91	0.85	0.20	15.55	3.35	1.13	0.05

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.05	18.20	3.56	1.28	0.03
15.65	3.36	1.14	0.05	18.25	3.56	1.28	0.03
15.70	3.36	1.14	0.05	18.30	3.56	1.28	0.03
15.75	3.36	1.15	0.05	18.35	3.57	1.29	0.03
15.80	3.37	1.15	0.05	18.40	3.57	1.29	0.03
15.85	3.37	1.15	0.05	18.45	3.57	1.29	0.03
15.90	3.38	1.16	0.05	18.50	3.58	1.29	0.03
15.95	3.38	1.16	0.05	18.55	3.58	1.29	0.03
16.00	3.39	1.16	0.05	18.60	3.58	1.30	0.03
16.05	3.39	1.17	0.05	18.65	3.58	1.30	0.03
16.10	3.40	1.17	0.05	18.70	3.59	1.30	0.03
16.15	3.40	1.17	0.05	18.75	3.59	1.30	0.03
16.20	3.41	1.18	0.05	18.80	3.59	1.30	0.03
16.25	3.41	1.18	0.05	18.85	3.60	1.31	0.03
16.30	3.42	1.18	0.05	18.90	3.60	1.31	0.03
16.35	3.42	1.19	0.05	18.95	3.60	1.31	0.03
16.40	3.42	1.19	0.05	19.00	3.61	1.31	0.03
16.45	3.43	1.19	0.05	19.05	3.61	1.32	0.03
16.50	3.43	1.19	0.05	19.10	3.61	1.32	0.03
16.55	3.44	1.20	0.05	19.15	3.61	1.32	0.03
16.60	3.44	1.20	0.05	19.20	3.62	1.32	0.03
16.65	3.45	1.20	0.05	19.25	3.62	1.32	0.03
16.70	3.45	1.21	0.05	19.30	3.62	1.33	0.03
16.75	3.45	1.21	0.04	19.35	3.63	1.33	0.03
16.80	3.46	1.21	0.04	19.40	3.63	1.33	0.03
16.85	3.46	1.21	0.04	19.45	3.63	1.33	0.03
16.90	3.47	1.22	0.04	19.50	3.63	1.33	0.03
16.95	3.47	1.22	0.04	19.55	3.64	1.34	0.03
17.00	3.47	1.22	0.04	19.60	3.64	1.34	0.03
17.05	3.48	1.22	0.04	19.65	3.64	1.34	0.03
17.10	3.48	1.23	0.04	19.70	3.65	1.34	0.03
17.15	3.49	1.23	0.04	19.75	3.65	1.34	0.03
17.20	3.49	1.23	0.04	19.80	3.65	1.34	0.03
17.25	3.49	1.24	0.04	19.85	3.65	1.35	0.03
17.30	3.50	1.24	0.04	19.90	3.66	1.35	0.03
17.35	3.50	1.24	0.04	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.04	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.04	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.04	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.04	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.04	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.04	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.04	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.04	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.04	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.04	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.04	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.04	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.04	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.03	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.03	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.03	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.03	23.40	3.82	1.47	0.02
20.85	3.71	1.38	0.03	23.45	3.83	1.47	0.02
20.90	3.71	1.39	0.03	23.50	3.83	1.47	0.02
20.95	3.71	1.39	0.03	23.55	3.83	1.47	0.02
21.00	3.71	1.39	0.03	23.60	3.83	1.47	0.02
21.05	3.72	1.39	0.03	23.65	3.84	1.48	0.02
21.10	3.72	1.39	0.03	23.70	3.84	1.48	0.02
21.15	3.72	1.40	0.03	23.75	3.84	1.48	0.02
21.20	3.72	1.40	0.03	23.80	3.84	1.48	0.02
21.25	3.73	1.40	0.03	23.85	3.84	1.48	0.02
21.30	3.73	1.40	0.03	23.90	3.85	1.48	0.02
21.35	3.73	1.40	0.03	23.95	3.85	1.49	0.02
21.40	3.73	1.40	0.03	24.00	3.85	1.49	0.02
21.45	3.74	1.41	0.03	24.05	3.85	1.49	0.02
21.50	3.74	1.41	0.03	24.10	3.85	1.49	0.02
21.55	3.74	1.41	0.03	24.15	3.85	1.49	0.01
21.60	3.74	1.41	0.03	24.20	3.85	1.49	0.01
21.65	3.75	1.41	0.03	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.03	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.03	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.03	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.03	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.03	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.03	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.03	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.03	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.03	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.03	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.03	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.03	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.03	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.03	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.03	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.03	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.03	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.03	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.03	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.03	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.03	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.02	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.02	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.02	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.02	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.02	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.02	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.02	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.02	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.02	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.02	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.02	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.02	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.02	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 45I: PDA-45 (impervious)

Runoff = 5.83 cfs @ 12.11 hrs, Volume= 0.434 af, Depth= 3.62"
 Routed to Pond B-45 : Basin #45

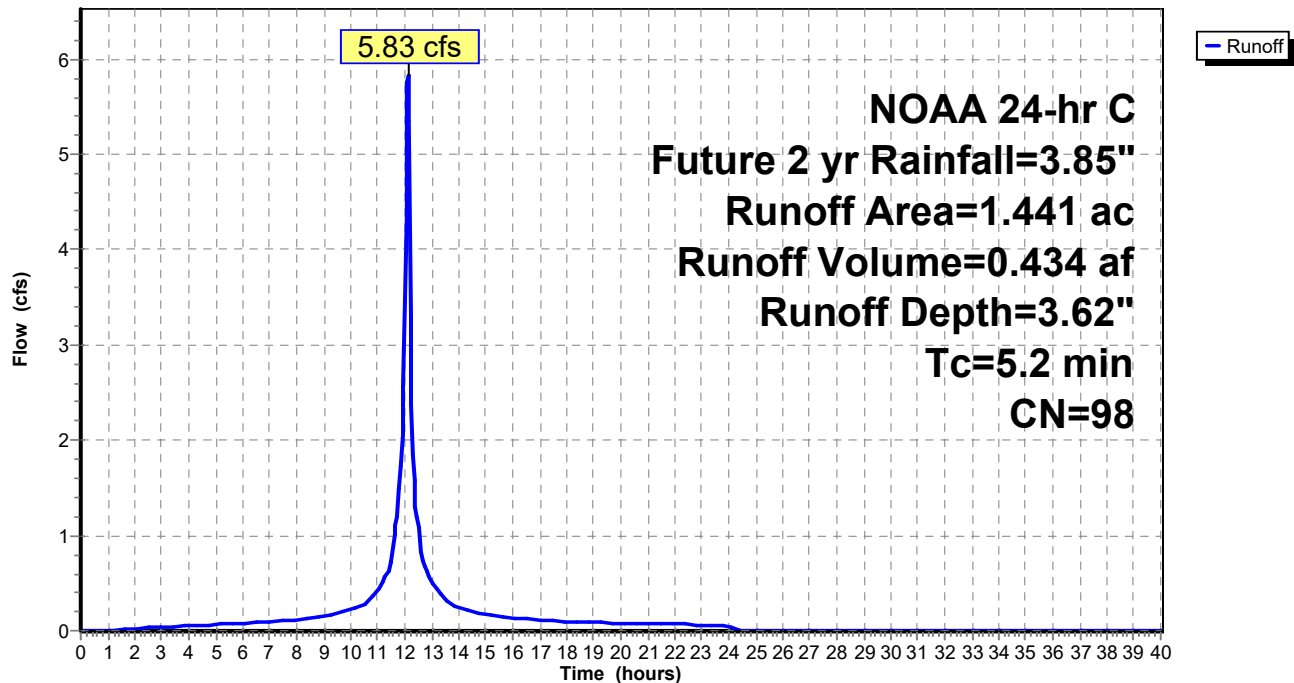
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.394	98	Pavement, HSG C
* 1.045	98	Roof, HSG C
* 0.002	98	Concrete, HSG C
1.441	98	Weighted Average
1.441		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.2					Direct Entry,

Subcatchment 45I: PDA-45 (impervious)

Hydrograph



Hydrograph for Subcatchment 45I: PDA-45 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.03
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.03
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.03
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.03
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.04
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.04
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.04
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.04
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.04
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.04
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.04
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.04
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.04
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.04
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.04
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.04
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.04
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.04
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.05
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.05
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.05
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.05
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.05
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.05
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.05
1.25	0.05	0.00	0.01	3.85	0.18	0.06	0.05
1.30	0.06	0.00	0.01	3.90	0.18	0.06	0.05
1.35	0.06	0.00	0.01	3.95	0.19	0.06	0.05
1.40	0.06	0.00	0.01	4.00	0.19	0.06	0.05
1.45	0.06	0.00	0.01	4.05	0.19	0.06	0.05
1.50	0.06	0.00	0.01	4.10	0.19	0.07	0.05
1.55	0.07	0.00	0.01	4.15	0.20	0.07	0.05
1.60	0.07	0.00	0.01	4.20	0.20	0.07	0.05
1.65	0.07	0.00	0.01	4.25	0.20	0.07	0.05
1.70	0.07	0.00	0.02	4.30	0.20	0.07	0.06
1.75	0.08	0.01	0.02	4.35	0.21	0.08	0.06
1.80	0.08	0.01	0.02	4.40	0.21	0.08	0.06
1.85	0.08	0.01	0.02	4.45	0.21	0.08	0.06
1.90	0.08	0.01	0.02	4.50	0.22	0.08	0.06
1.95	0.08	0.01	0.02	4.55	0.22	0.08	0.06
2.00	0.09	0.01	0.02	4.60	0.22	0.09	0.06
2.05	0.09	0.01	0.02	4.65	0.22	0.09	0.06
2.10	0.09	0.01	0.02	4.70	0.23	0.09	0.06
2.15	0.09	0.01	0.02	4.75	0.23	0.09	0.06
2.20	0.10	0.01	0.03	4.80	0.23	0.09	0.06
2.25	0.10	0.01	0.03	4.85	0.24	0.10	0.06
2.30	0.10	0.01	0.03	4.90	0.24	0.10	0.06
2.35	0.10	0.01	0.03	4.95	0.24	0.10	0.06
2.40	0.11	0.02	0.03	5.00	0.24	0.10	0.06
2.45	0.11	0.02	0.03	5.05	0.25	0.10	0.06
2.50	0.11	0.02	0.03	5.10	0.25	0.11	0.06
2.55	0.11	0.02	0.03	5.15	0.25	0.11	0.06

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.06	7.80	0.44	0.27	0.11
5.25	0.26	0.11	0.07	7.85	0.45	0.27	0.12
5.30	0.26	0.12	0.07	7.90	0.45	0.27	0.12
5.35	0.27	0.12	0.07	7.95	0.46	0.28	0.12
5.40	0.27	0.12	0.07	8.00	0.46	0.28	0.12
5.45	0.27	0.12	0.07	8.05	0.47	0.29	0.12
5.50	0.27	0.12	0.07	8.10	0.47	0.29	0.12
5.55	0.28	0.13	0.07	8.15	0.48	0.30	0.12
5.60	0.28	0.13	0.07	8.20	0.48	0.30	0.12
5.65	0.28	0.13	0.07	8.25	0.49	0.30	0.13
5.70	0.29	0.13	0.07	8.30	0.49	0.31	0.13
5.75	0.29	0.14	0.07	8.35	0.49	0.31	0.13
5.80	0.29	0.14	0.07	8.40	0.50	0.32	0.13
5.85	0.30	0.14	0.07	8.45	0.50	0.32	0.13
5.90	0.30	0.14	0.07	8.50	0.51	0.33	0.13
5.95	0.30	0.15	0.07	8.55	0.51	0.33	0.13
6.00	0.31	0.15	0.07	8.60	0.52	0.34	0.13
6.05	0.31	0.15	0.07	8.65	0.53	0.34	0.13
6.10	0.31	0.15	0.07	8.70	0.53	0.35	0.14
6.15	0.31	0.16	0.08	8.75	0.54	0.35	0.14
6.20	0.32	0.16	0.08	8.80	0.54	0.36	0.14
6.25	0.32	0.16	0.08	8.85	0.55	0.36	0.14
6.30	0.32	0.17	0.08	8.90	0.55	0.36	0.14
6.35	0.33	0.17	0.08	8.95	0.56	0.37	0.14
6.40	0.33	0.17	0.08	9.00	0.56	0.37	0.14
6.45	0.33	0.17	0.08	9.05	0.57	0.38	0.15
6.50	0.34	0.18	0.08	9.10	0.57	0.39	0.15
6.55	0.34	0.18	0.08	9.15	0.58	0.39	0.15
6.60	0.35	0.18	0.09	9.20	0.59	0.40	0.16
6.65	0.35	0.19	0.09	9.25	0.59	0.40	0.16
6.70	0.35	0.19	0.09	9.30	0.60	0.41	0.17
6.75	0.36	0.19	0.09	9.35	0.60	0.41	0.17
6.80	0.36	0.19	0.09	9.40	0.61	0.42	0.17
6.85	0.36	0.20	0.09	9.45	0.62	0.43	0.18
6.90	0.37	0.20	0.09	9.50	0.62	0.43	0.18
6.95	0.37	0.20	0.09	9.55	0.63	0.44	0.19
7.00	0.38	0.21	0.10	9.60	0.64	0.45	0.19
7.05	0.38	0.21	0.10	9.65	0.65	0.45	0.20
7.10	0.38	0.21	0.10	9.70	0.65	0.46	0.20
7.15	0.39	0.22	0.10	9.75	0.66	0.47	0.20
7.20	0.39	0.22	0.10	9.80	0.67	0.47	0.21
7.25	0.40	0.23	0.10	9.85	0.68	0.48	0.21
7.30	0.40	0.23	0.10	9.90	0.69	0.49	0.22
7.35	0.40	0.23	0.10	9.95	0.69	0.50	0.22
7.40	0.41	0.24	0.10	10.00	0.70	0.51	0.22
7.45	0.41	0.24	0.11	10.05	0.71	0.51	0.23
7.50	0.42	0.24	0.11	10.10	0.72	0.52	0.23
7.55	0.42	0.25	0.11	10.15	0.73	0.53	0.24
7.60	0.43	0.25	0.11	10.20	0.74	0.54	0.24
7.65	0.43	0.25	0.11	10.25	0.75	0.55	0.25
7.70	0.43	0.26	0.11	10.30	0.76	0.56	0.25
7.75	0.44	0.26	0.11	10.35	0.76	0.56	0.25

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.26	13.00	2.93	2.69	0.52
10.45	0.78	0.58	0.26	13.05	2.94	2.71	0.49
10.50	0.79	0.59	0.27	13.10	2.96	2.73	0.46
10.55	0.80	0.60	0.28	13.15	2.97	2.74	0.44
10.60	0.82	0.61	0.29	13.20	2.98	2.75	0.42
10.65	0.83	0.62	0.31	13.25	3.00	2.77	0.40
10.70	0.84	0.64	0.32	13.30	3.01	2.78	0.39
10.75	0.85	0.65	0.34	13.35	3.02	2.79	0.37
10.80	0.87	0.66	0.36	13.40	3.03	2.80	0.35
10.85	0.88	0.67	0.37	13.45	3.05	2.81	0.34
10.90	0.89	0.69	0.39	13.50	3.06	2.82	0.32
10.95	0.91	0.70	0.40	13.55	3.07	2.83	0.31
11.00	0.92	0.72	0.42	13.60	3.08	2.84	0.29
11.05	0.94	0.73	0.44	13.65	3.09	2.85	0.28
11.10	0.96	0.75	0.47	13.70	3.09	2.86	0.28
11.15	0.98	0.77	0.50	13.75	3.10	2.87	0.27
11.20	1.00	0.79	0.53	13.80	3.11	2.88	0.27
11.25	1.02	0.81	0.56	13.85	3.12	2.89	0.26
11.30	1.04	0.83	0.59	13.90	3.13	2.90	0.26
11.35	1.06	0.85	0.62	13.95	3.14	2.91	0.26
11.40	1.09	0.88	0.65	14.00	3.15	2.92	0.25
11.45	1.11	0.90	0.67	14.05	3.16	2.92	0.25
11.50	1.14	0.92	0.70	14.10	3.16	2.93	0.24
11.55	1.18	0.96	0.80	14.15	3.17	2.94	0.24
11.60	1.22	1.00	1.00	14.20	3.18	2.95	0.23
11.65	1.26	1.04	1.09	14.25	3.19	2.96	0.23
11.70	1.30	1.08	1.15	14.30	3.20	2.96	0.23
11.75	1.35	1.14	1.26	14.35	3.20	2.97	0.22
11.80	1.41	1.19	1.49	14.40	3.21	2.98	0.22
11.85	1.49	1.27	1.72	14.45	3.22	2.99	0.21
11.90	1.57	1.34	2.07	14.50	3.23	2.99	0.21
11.95	1.70	1.48	2.56	14.55	3.23	3.00	0.21
12.00	1.83	1.61	3.44	14.60	3.24	3.01	0.20
12.05	2.06	1.83	4.36	14.65	3.25	3.01	0.20
12.10	2.28	2.06	5.76	14.70	3.25	3.02	0.19
12.15	2.36	2.13	5.35	14.75	3.26	3.03	0.19
12.20	2.44	2.21	3.31	14.80	3.26	3.03	0.18
12.25	2.50	2.27	2.36	14.85	3.27	3.04	0.18
12.30	2.55	2.32	1.84	14.90	3.28	3.04	0.18
12.35	2.59	2.36	1.57	14.95	3.28	3.05	0.17
12.40	2.63	2.40	1.31	15.00	3.29	3.05	0.17
12.45	2.67	2.44	1.20	15.05	3.29	3.06	0.16
12.50	2.71	2.48	1.15	15.10	3.30	3.07	0.16
12.55	2.74	2.51	1.04	15.15	3.30	3.07	0.16
12.60	2.76	2.53	0.83	15.20	3.31	3.08	0.15
12.65	2.79	2.56	0.74	15.25	3.31	3.08	0.15
12.70	2.81	2.58	0.70	15.30	3.32	3.09	0.15
12.75	2.83	2.60	0.67	15.35	3.32	3.09	0.15
12.80	2.85	2.62	0.64	15.40	3.33	3.10	0.15
12.85	2.87	2.64	0.61	15.45	3.34	3.10	0.15
12.90	2.89	2.66	0.58	15.50	3.34	3.11	0.15
12.95	2.91	2.68	0.55	15.55	3.35	3.11	0.15

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.15	18.20	3.56	3.32	0.09
15.65	3.36	3.12	0.14	18.25	3.56	3.33	0.09
15.70	3.36	3.13	0.14	18.30	3.56	3.33	0.09
15.75	3.36	3.13	0.14	18.35	3.57	3.33	0.09
15.80	3.37	3.14	0.14	18.40	3.57	3.34	0.09
15.85	3.37	3.14	0.14	18.45	3.57	3.34	0.09
15.90	3.38	3.15	0.14	18.50	3.58	3.34	0.09
15.95	3.38	3.15	0.14	18.55	3.58	3.34	0.09
16.00	3.39	3.16	0.14	18.60	3.58	3.35	0.09
16.05	3.39	3.16	0.14	18.65	3.58	3.35	0.09
16.10	3.40	3.16	0.13	18.70	3.59	3.35	0.09
16.15	3.40	3.17	0.13	18.75	3.59	3.36	0.09
16.20	3.41	3.17	0.13	18.80	3.59	3.36	0.09
16.25	3.41	3.18	0.13	18.85	3.60	3.36	0.09
16.30	3.42	3.18	0.13	18.90	3.60	3.37	0.09
16.35	3.42	3.19	0.13	18.95	3.60	3.37	0.09
16.40	3.42	3.19	0.13	19.00	3.61	3.37	0.08
16.45	3.43	3.20	0.13	19.05	3.61	3.37	0.08
16.50	3.43	3.20	0.13	19.10	3.61	3.38	0.08
16.55	3.44	3.20	0.12	19.15	3.61	3.38	0.08
16.60	3.44	3.21	0.12	19.20	3.62	3.38	0.08
16.65	3.45	3.21	0.12	19.25	3.62	3.39	0.08
16.70	3.45	3.22	0.12	19.30	3.62	3.39	0.08
16.75	3.45	3.22	0.12	19.35	3.63	3.39	0.08
16.80	3.46	3.23	0.12	19.40	3.63	3.39	0.08
16.85	3.46	3.23	0.12	19.45	3.63	3.40	0.08
16.90	3.47	3.23	0.12	19.50	3.63	3.40	0.08
16.95	3.47	3.24	0.12	19.55	3.64	3.40	0.08
17.00	3.47	3.24	0.11	19.60	3.64	3.41	0.08
17.05	3.48	3.24	0.11	19.65	3.64	3.41	0.08
17.10	3.48	3.25	0.11	19.70	3.65	3.41	0.08
17.15	3.49	3.25	0.11	19.75	3.65	3.41	0.08
17.20	3.49	3.26	0.11	19.80	3.65	3.42	0.08
17.25	3.49	3.26	0.11	19.85	3.65	3.42	0.08
17.30	3.50	3.26	0.11	19.90	3.66	3.42	0.08
17.35	3.50	3.27	0.11	19.95	3.66	3.42	0.08
17.40	3.50	3.27	0.11	20.00	3.66	3.43	0.08
17.45	3.51	3.27	0.10	20.05	3.66	3.43	0.08
17.50	3.51	3.28	0.10	20.10	3.67	3.43	0.08
17.55	3.52	3.28	0.10	20.15	3.67	3.44	0.08
17.60	3.52	3.28	0.10	20.20	3.67	3.44	0.08
17.65	3.52	3.29	0.10	20.25	3.68	3.44	0.08
17.70	3.53	3.29	0.10	20.30	3.68	3.44	0.08
17.75	3.53	3.30	0.10	20.35	3.68	3.45	0.08
17.80	3.53	3.30	0.10	20.40	3.68	3.45	0.08
17.85	3.54	3.30	0.10	20.45	3.69	3.45	0.08
17.90	3.54	3.30	0.09	20.50	3.69	3.45	0.08
17.95	3.54	3.31	0.09	20.55	3.69	3.46	0.08
18.00	3.54	3.31	0.09	20.60	3.69	3.46	0.08
18.05	3.55	3.31	0.09	20.65	3.70	3.46	0.08
18.10	3.55	3.32	0.09	20.70	3.70	3.46	0.08
18.15	3.55	3.32	0.09	20.75	3.70	3.47	0.08

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.07	23.40	3.82	3.59	0.06
20.85	3.71	3.47	0.07	23.45	3.83	3.59	0.06
20.90	3.71	3.47	0.07	23.50	3.83	3.59	0.06
20.95	3.71	3.48	0.07	23.55	3.83	3.60	0.06
21.00	3.71	3.48	0.07	23.60	3.83	3.60	0.06
21.05	3.72	3.48	0.07	23.65	3.84	3.60	0.06
21.10	3.72	3.49	0.07	23.70	3.84	3.60	0.06
21.15	3.72	3.49	0.07	23.75	3.84	3.60	0.06
21.20	3.72	3.49	0.07	23.80	3.84	3.61	0.06
21.25	3.73	3.49	0.07	23.85	3.84	3.61	0.06
21.30	3.73	3.50	0.07	23.90	3.85	3.61	0.06
21.35	3.73	3.50	0.07	23.95	3.85	3.61	0.06
21.40	3.73	3.50	0.07	24.00	3.85	3.62	0.07
21.45	3.74	3.50	0.07	24.05	3.85	3.62	0.05
21.50	3.74	3.50	0.07	24.10	3.85	3.62	0.02
21.55	3.74	3.51	0.07	24.15	3.85	3.62	0.00
21.60	3.74	3.51	0.07	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.07	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.07	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.07	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.07	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.07	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.07	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.07	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.07	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.07	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.07	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.07	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.07	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.07	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.07	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.07	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.07	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.07	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.07	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.07	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.07	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.07	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.06	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.06	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.06	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.06	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.06	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.06	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.06	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.06	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.06	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.06	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.06	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.06	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.06	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.06	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 45P: PDA-45 (pervious)

Runoff = 1.80 cfs @ 12.10 hrs, Volume= 0.106 af, Depth= 1.49"
 Routed to Pond B-45 : Basin #45

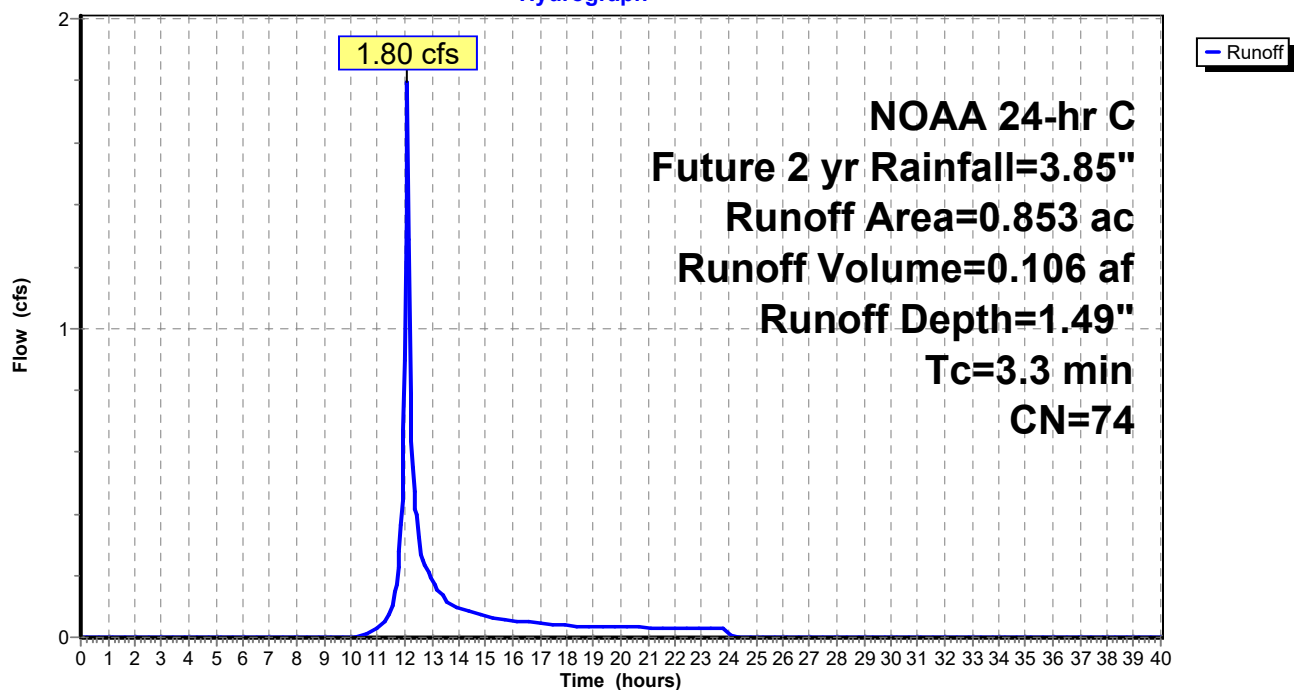
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.853	74	>75% Grass cover, Good, HSG C
0.853		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.3					Direct Entry,

Subcatchment 45P: PDA-45 (pervious)

Hydrograph



Hydrograph for Subcatchment 45P: PDA-45 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.19
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.17
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.17
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.16
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.15
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.15
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.14
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.14
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.13
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.12
10.90	0.89	0.01	0.02	13.50	3.06	0.94	0.12
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.11
11.00	0.92	0.01	0.03	13.60	3.08	0.96	0.11
11.05	0.94	0.02	0.03	13.65	3.09	0.96	0.11
11.10	0.96	0.02	0.04	13.70	3.09	0.97	0.10
11.15	0.98	0.02	0.04	13.75	3.10	0.97	0.10
11.20	1.00	0.02	0.05	13.80	3.11	0.98	0.10
11.25	1.02	0.03	0.05	13.85	3.12	0.99	0.10
11.30	1.04	0.03	0.06	13.90	3.13	0.99	0.10
11.35	1.06	0.03	0.07	13.95	3.14	1.00	0.10
11.40	1.09	0.04	0.07	14.00	3.15	1.00	0.10
11.45	1.11	0.04	0.08	14.05	3.16	1.01	0.09
11.50	1.14	0.05	0.09	14.10	3.16	1.01	0.09
11.55	1.18	0.06	0.12	14.15	3.17	1.02	0.09
11.60	1.22	0.07	0.15	14.20	3.18	1.02	0.09
11.65	1.26	0.08	0.16	14.25	3.19	1.03	0.09
11.70	1.30	0.09	0.18	14.30	3.20	1.03	0.09
11.75	1.35	0.10	0.23	14.35	3.20	1.04	0.09
11.80	1.41	0.12	0.28	14.40	3.21	1.04	0.08
11.85	1.49	0.14	0.36	14.45	3.22	1.05	0.08
11.90	1.57	0.17	0.44	14.50	3.23	1.05	0.08
11.95	1.70	0.22	0.67	14.55	3.23	1.06	0.08
12.00	1.83	0.28	0.90	14.60	3.24	1.06	0.08
12.05	2.06	0.38	1.36	14.65	3.25	1.07	0.08
12.10	2.28	0.49	1.80	14.70	3.25	1.07	0.07
12.15	2.36	0.53	1.29	14.75	3.26	1.08	0.07
12.20	2.44	0.57	0.79	14.80	3.26	1.08	0.07
12.25	2.50	0.61	0.64	14.85	3.27	1.08	0.07
12.30	2.55	0.64	0.55	14.90	3.28	1.09	0.07
12.35	2.59	0.66	0.47	14.95	3.28	1.09	0.07
12.40	2.63	0.69	0.41	15.00	3.29	1.10	0.07
12.45	2.67	0.71	0.40	15.05	3.29	1.10	0.06
12.50	2.71	0.73	0.39	15.10	3.30	1.10	0.06
12.55	2.74	0.75	0.32	15.15	3.30	1.11	0.06
12.60	2.76	0.76	0.27	15.20	3.31	1.11	0.06
12.65	2.79	0.78	0.25	15.25	3.31	1.11	0.06
12.70	2.81	0.79	0.25	15.30	3.32	1.12	0.06
12.75	2.83	0.80	0.24	15.35	3.32	1.12	0.06
12.80	2.85	0.82	0.23	15.40	3.33	1.12	0.06
12.85	2.87	0.83	0.22	15.45	3.34	1.13	0.06
12.90	2.89	0.84	0.21	15.50	3.34	1.13	0.06
12.95	2.91	0.85	0.20	15.55	3.35	1.13	0.06

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.06	18.20	3.56	1.28	0.04
15.65	3.36	1.14	0.06	18.25	3.56	1.28	0.04
15.70	3.36	1.14	0.06	18.30	3.56	1.28	0.04
15.75	3.36	1.15	0.06	18.35	3.57	1.29	0.04
15.80	3.37	1.15	0.06	18.40	3.57	1.29	0.04
15.85	3.37	1.15	0.06	18.45	3.57	1.29	0.04
15.90	3.38	1.16	0.06	18.50	3.58	1.29	0.04
15.95	3.38	1.16	0.06	18.55	3.58	1.29	0.04
16.00	3.39	1.16	0.05	18.60	3.58	1.30	0.04
16.05	3.39	1.17	0.05	18.65	3.58	1.30	0.04
16.10	3.40	1.17	0.05	18.70	3.59	1.30	0.04
16.15	3.40	1.17	0.05	18.75	3.59	1.30	0.04
16.20	3.41	1.18	0.05	18.80	3.59	1.30	0.04
16.25	3.41	1.18	0.05	18.85	3.60	1.31	0.04
16.30	3.42	1.18	0.05	18.90	3.60	1.31	0.04
16.35	3.42	1.19	0.05	18.95	3.60	1.31	0.04
16.40	3.42	1.19	0.05	19.00	3.61	1.31	0.04
16.45	3.43	1.19	0.05	19.05	3.61	1.32	0.04
16.50	3.43	1.19	0.05	19.10	3.61	1.32	0.04
16.55	3.44	1.20	0.05	19.15	3.61	1.32	0.03
16.60	3.44	1.20	0.05	19.20	3.62	1.32	0.03
16.65	3.45	1.20	0.05	19.25	3.62	1.32	0.03
16.70	3.45	1.21	0.05	19.30	3.62	1.33	0.03
16.75	3.45	1.21	0.05	19.35	3.63	1.33	0.03
16.80	3.46	1.21	0.05	19.40	3.63	1.33	0.03
16.85	3.46	1.21	0.05	19.45	3.63	1.33	0.03
16.90	3.47	1.22	0.05	19.50	3.63	1.33	0.03
16.95	3.47	1.22	0.05	19.55	3.64	1.34	0.03
17.00	3.47	1.22	0.05	19.60	3.64	1.34	0.03
17.05	3.48	1.22	0.05	19.65	3.64	1.34	0.03
17.10	3.48	1.23	0.05	19.70	3.65	1.34	0.03
17.15	3.49	1.23	0.05	19.75	3.65	1.34	0.03
17.20	3.49	1.23	0.04	19.80	3.65	1.34	0.03
17.25	3.49	1.24	0.04	19.85	3.65	1.35	0.03
17.30	3.50	1.24	0.04	19.90	3.66	1.35	0.03
17.35	3.50	1.24	0.04	19.95	3.66	1.35	0.03
17.40	3.50	1.24	0.04	20.00	3.66	1.35	0.03
17.45	3.51	1.25	0.04	20.05	3.66	1.35	0.03
17.50	3.51	1.25	0.04	20.10	3.67	1.36	0.03
17.55	3.52	1.25	0.04	20.15	3.67	1.36	0.03
17.60	3.52	1.25	0.04	20.20	3.67	1.36	0.03
17.65	3.52	1.26	0.04	20.25	3.68	1.36	0.03
17.70	3.53	1.26	0.04	20.30	3.68	1.36	0.03
17.75	3.53	1.26	0.04	20.35	3.68	1.37	0.03
17.80	3.53	1.26	0.04	20.40	3.68	1.37	0.03
17.85	3.54	1.26	0.04	20.45	3.69	1.37	0.03
17.90	3.54	1.27	0.04	20.50	3.69	1.37	0.03
17.95	3.54	1.27	0.04	20.55	3.69	1.37	0.03
18.00	3.54	1.27	0.04	20.60	3.69	1.38	0.03
18.05	3.55	1.27	0.04	20.65	3.70	1.38	0.03
18.10	3.55	1.28	0.04	20.70	3.70	1.38	0.03
18.15	3.55	1.28	0.04	20.75	3.70	1.38	0.03

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.03	23.40	3.82	1.47	0.03
20.85	3.71	1.38	0.03	23.45	3.83	1.47	0.03
20.90	3.71	1.39	0.03	23.50	3.83	1.47	0.03
20.95	3.71	1.39	0.03	23.55	3.83	1.47	0.03
21.00	3.71	1.39	0.03	23.60	3.83	1.47	0.03
21.05	3.72	1.39	0.03	23.65	3.84	1.48	0.03
21.10	3.72	1.39	0.03	23.70	3.84	1.48	0.03
21.15	3.72	1.40	0.03	23.75	3.84	1.48	0.03
21.20	3.72	1.40	0.03	23.80	3.84	1.48	0.02
21.25	3.73	1.40	0.03	23.85	3.84	1.48	0.02
21.30	3.73	1.40	0.03	23.90	3.85	1.48	0.02
21.35	3.73	1.40	0.03	23.95	3.85	1.49	0.03
21.40	3.73	1.40	0.03	24.00	3.85	1.49	0.03
21.45	3.74	1.41	0.03	24.05	3.85	1.49	0.01
21.50	3.74	1.41	0.03	24.10	3.85	1.49	0.00
21.55	3.74	1.41	0.03	24.15	3.85	1.49	0.00
21.60	3.74	1.41	0.03	24.20	3.85	1.49	0.00
21.65	3.75	1.41	0.03	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.03	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.03	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.03	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.03	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.03	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.03	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.03	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.03	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.03	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.03	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.03	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.03	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.03	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.03	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.03	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.03	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.03	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.03	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.03	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.03	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.03	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.03	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.03	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.03	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.03	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.03	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.03	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.03	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.03	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.03	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.03	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.03	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.03	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.03	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 46BP: PDA-46B (pervious)

Runoff = 0.86 cfs @ 12.13 hrs, Volume= 0.056 af, Depth= 1.49"
 Routed to Pond B-46B : Basin #46B

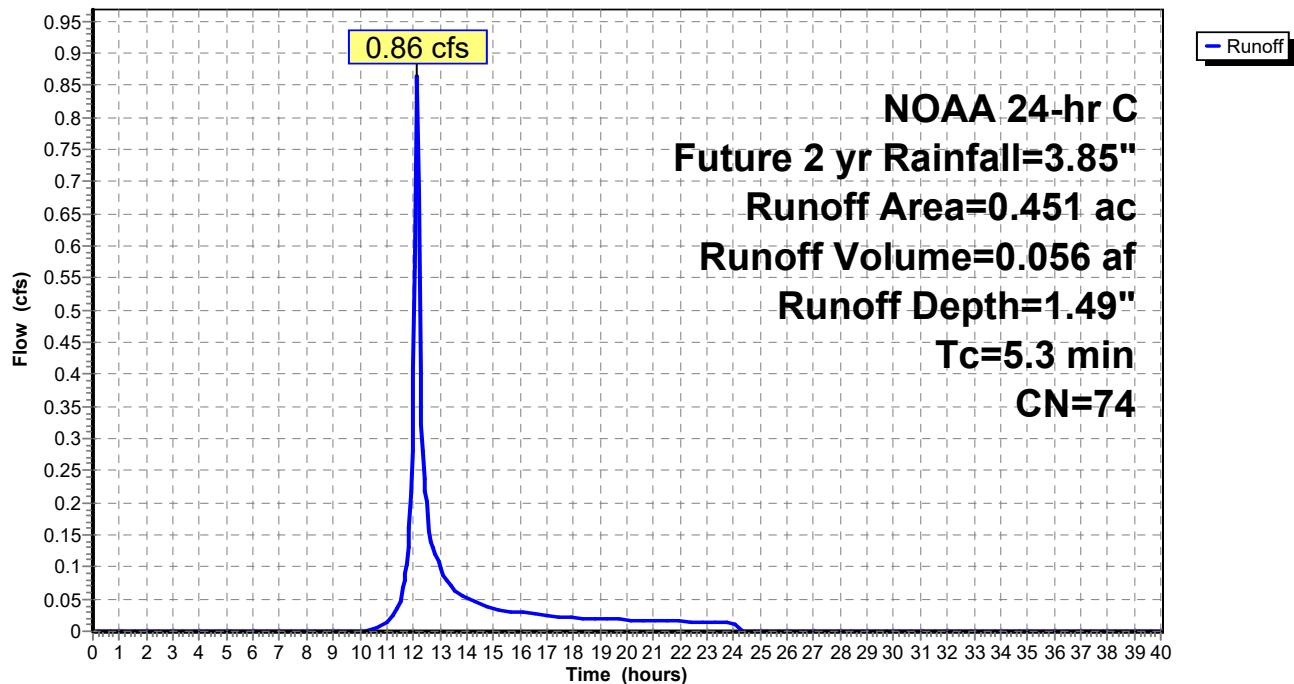
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
0.451	74	>75% Grass cover, Good, HSG C
0.451		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.3					Direct Entry,

Subcatchment 46BP: PDA-46B (pervious)

Hydrograph



Hydrograph for Subcatchment 46BP: PDA-46B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.10
10.45	0.78	0.00	0.00	13.05	2.94	0.87	0.10
10.50	0.79	0.00	0.00	13.10	2.96	0.88	0.09
10.55	0.80	0.00	0.00	13.15	2.97	0.89	0.09
10.60	0.82	0.00	0.00	13.20	2.98	0.90	0.08
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.08
10.70	0.84	0.01	0.01	13.30	3.01	0.92	0.08
10.75	0.85	0.01	0.01	13.35	3.02	0.92	0.07
10.80	0.87	0.01	0.01	13.40	3.03	0.93	0.07
10.85	0.88	0.01	0.01	13.45	3.05	0.94	0.07
10.90	0.89	0.01	0.01	13.50	3.06	0.94	0.06
10.95	0.91	0.01	0.01	13.55	3.07	0.95	0.06
11.00	0.92	0.01	0.01	13.60	3.08	0.96	0.06
11.05	0.94	0.02	0.02	13.65	3.09	0.96	0.06
11.10	0.96	0.02	0.02	13.70	3.09	0.97	0.06
11.15	0.98	0.02	0.02	13.75	3.10	0.97	0.06
11.20	1.00	0.02	0.02	13.80	3.11	0.98	0.05
11.25	1.02	0.03	0.03	13.85	3.12	0.99	0.05
11.30	1.04	0.03	0.03	13.90	3.13	0.99	0.05
11.35	1.06	0.03	0.03	13.95	3.14	1.00	0.05
11.40	1.09	0.04	0.04	14.00	3.15	1.00	0.05
11.45	1.11	0.04	0.04	14.05	3.16	1.01	0.05
11.50	1.14	0.05	0.04	14.10	3.16	1.01	0.05
11.55	1.18	0.06	0.05	14.15	3.17	1.02	0.05
11.60	1.22	0.07	0.07	14.20	3.18	1.02	0.05
11.65	1.26	0.08	0.08	14.25	3.19	1.03	0.05
11.70	1.30	0.09	0.09	14.30	3.20	1.03	0.05
11.75	1.35	0.10	0.10	14.35	3.20	1.04	0.05
11.80	1.41	0.12	0.13	14.40	3.21	1.04	0.04
11.85	1.49	0.14	0.16	14.45	3.22	1.05	0.04
11.90	1.57	0.17	0.21	14.50	3.23	1.05	0.04
11.95	1.70	0.22	0.28	14.55	3.23	1.06	0.04
12.00	1.83	0.28	0.41	14.60	3.24	1.06	0.04
12.05	2.06	0.38	0.57	14.65	3.25	1.07	0.04
12.10	2.28	0.49	0.82	14.70	3.25	1.07	0.04
12.15	2.36	0.53	0.83	14.75	3.26	1.08	0.04
12.20	2.44	0.57	0.55	14.80	3.26	1.08	0.04
12.25	2.50	0.61	0.40	14.85	3.27	1.08	0.04
12.30	2.55	0.64	0.32	14.90	3.28	1.09	0.04
12.35	2.59	0.66	0.28	14.95	3.28	1.09	0.04
12.40	2.63	0.69	0.24	15.00	3.29	1.10	0.03
12.45	2.67	0.71	0.22	15.05	3.29	1.10	0.03
12.50	2.71	0.73	0.21	15.10	3.30	1.10	0.03
12.55	2.74	0.75	0.19	15.15	3.30	1.11	0.03
12.60	2.76	0.76	0.16	15.20	3.31	1.11	0.03
12.65	2.79	0.78	0.14	15.25	3.31	1.11	0.03
12.70	2.81	0.79	0.13	15.30	3.32	1.12	0.03
12.75	2.83	0.80	0.13	15.35	3.32	1.12	0.03
12.80	2.85	0.82	0.12	15.40	3.33	1.12	0.03
12.85	2.87	0.83	0.12	15.45	3.34	1.13	0.03
12.90	2.89	0.84	0.11	15.50	3.34	1.13	0.03
12.95	2.91	0.85	0.11	15.55	3.35	1.13	0.03

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.03	18.20	3.56	1.28	0.02
15.65	3.36	1.14	0.03	18.25	3.56	1.28	0.02
15.70	3.36	1.14	0.03	18.30	3.56	1.28	0.02
15.75	3.36	1.15	0.03	18.35	3.57	1.29	0.02
15.80	3.37	1.15	0.03	18.40	3.57	1.29	0.02
15.85	3.37	1.15	0.03	18.45	3.57	1.29	0.02
15.90	3.38	1.16	0.03	18.50	3.58	1.29	0.02
15.95	3.38	1.16	0.03	18.55	3.58	1.29	0.02
16.00	3.39	1.16	0.03	18.60	3.58	1.30	0.02
16.05	3.39	1.17	0.03	18.65	3.58	1.30	0.02
16.10	3.40	1.17	0.03	18.70	3.59	1.30	0.02
16.15	3.40	1.17	0.03	18.75	3.59	1.30	0.02
16.20	3.41	1.18	0.03	18.80	3.59	1.30	0.02
16.25	3.41	1.18	0.03	18.85	3.60	1.31	0.02
16.30	3.42	1.18	0.03	18.90	3.60	1.31	0.02
16.35	3.42	1.19	0.03	18.95	3.60	1.31	0.02
16.40	3.42	1.19	0.03	19.00	3.61	1.31	0.02
16.45	3.43	1.19	0.03	19.05	3.61	1.32	0.02
16.50	3.43	1.19	0.03	19.10	3.61	1.32	0.02
16.55	3.44	1.20	0.03	19.15	3.61	1.32	0.02
16.60	3.44	1.20	0.03	19.20	3.62	1.32	0.02
16.65	3.45	1.20	0.03	19.25	3.62	1.32	0.02
16.70	3.45	1.21	0.03	19.30	3.62	1.33	0.02
16.75	3.45	1.21	0.03	19.35	3.63	1.33	0.02
16.80	3.46	1.21	0.03	19.40	3.63	1.33	0.02
16.85	3.46	1.21	0.03	19.45	3.63	1.33	0.02
16.90	3.47	1.22	0.03	19.50	3.63	1.33	0.02
16.95	3.47	1.22	0.03	19.55	3.64	1.34	0.02
17.00	3.47	1.22	0.02	19.60	3.64	1.34	0.02
17.05	3.48	1.22	0.02	19.65	3.64	1.34	0.02
17.10	3.48	1.23	0.02	19.70	3.65	1.34	0.02
17.15	3.49	1.23	0.02	19.75	3.65	1.34	0.02
17.20	3.49	1.23	0.02	19.80	3.65	1.34	0.02
17.25	3.49	1.24	0.02	19.85	3.65	1.35	0.02
17.30	3.50	1.24	0.02	19.90	3.66	1.35	0.02
17.35	3.50	1.24	0.02	19.95	3.66	1.35	0.02
17.40	3.50	1.24	0.02	20.00	3.66	1.35	0.02
17.45	3.51	1.25	0.02	20.05	3.66	1.35	0.02
17.50	3.51	1.25	0.02	20.10	3.67	1.36	0.02
17.55	3.52	1.25	0.02	20.15	3.67	1.36	0.02
17.60	3.52	1.25	0.02	20.20	3.67	1.36	0.02
17.65	3.52	1.26	0.02	20.25	3.68	1.36	0.02
17.70	3.53	1.26	0.02	20.30	3.68	1.36	0.02
17.75	3.53	1.26	0.02	20.35	3.68	1.37	0.02
17.80	3.53	1.26	0.02	20.40	3.68	1.37	0.02
17.85	3.54	1.26	0.02	20.45	3.69	1.37	0.02
17.90	3.54	1.27	0.02	20.50	3.69	1.37	0.02
17.95	3.54	1.27	0.02	20.55	3.69	1.37	0.02
18.00	3.54	1.27	0.02	20.60	3.69	1.38	0.02
18.05	3.55	1.27	0.02	20.65	3.70	1.38	0.02
18.10	3.55	1.28	0.02	20.70	3.70	1.38	0.02
18.15	3.55	1.28	0.02	20.75	3.70	1.38	0.02

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.02	23.40	3.82	1.47	0.01
20.85	3.71	1.38	0.02	23.45	3.83	1.47	0.01
20.90	3.71	1.39	0.02	23.50	3.83	1.47	0.01
20.95	3.71	1.39	0.02	23.55	3.83	1.47	0.01
21.00	3.71	1.39	0.02	23.60	3.83	1.47	0.01
21.05	3.72	1.39	0.02	23.65	3.84	1.48	0.01
21.10	3.72	1.39	0.02	23.70	3.84	1.48	0.01
21.15	3.72	1.40	0.02	23.75	3.84	1.48	0.01
21.20	3.72	1.40	0.02	23.80	3.84	1.48	0.01
21.25	3.73	1.40	0.02	23.85	3.84	1.48	0.01
21.30	3.73	1.40	0.02	23.90	3.85	1.48	0.01
21.35	3.73	1.40	0.02	23.95	3.85	1.49	0.01
21.40	3.73	1.40	0.02	24.00	3.85	1.49	0.02
21.45	3.74	1.41	0.02	24.05	3.85	1.49	0.01
21.50	3.74	1.41	0.02	24.10	3.85	1.49	0.00
21.55	3.74	1.41	0.02	24.15	3.85	1.49	0.00
21.60	3.74	1.41	0.02	24.20	3.85	1.49	0.00
21.65	3.75	1.41	0.02	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.02	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.02	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.02	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.02	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.02	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.02	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.02	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.02	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.02	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.02	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.02	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.02	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.01	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.01	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.01	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.01	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.01	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.01	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.01	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.01	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.01	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.01	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.01	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.01	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.01	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.01	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.01	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.01	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.01	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.01	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.01	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.01	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.01	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.01	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 46I: PDA-46 (impervious)

Runoff = 5.23 cfs @ 12.08 hrs, Volume= 0.346 af, Depth= 3.62"
 Routed to Pond B-46A : Basin #46A

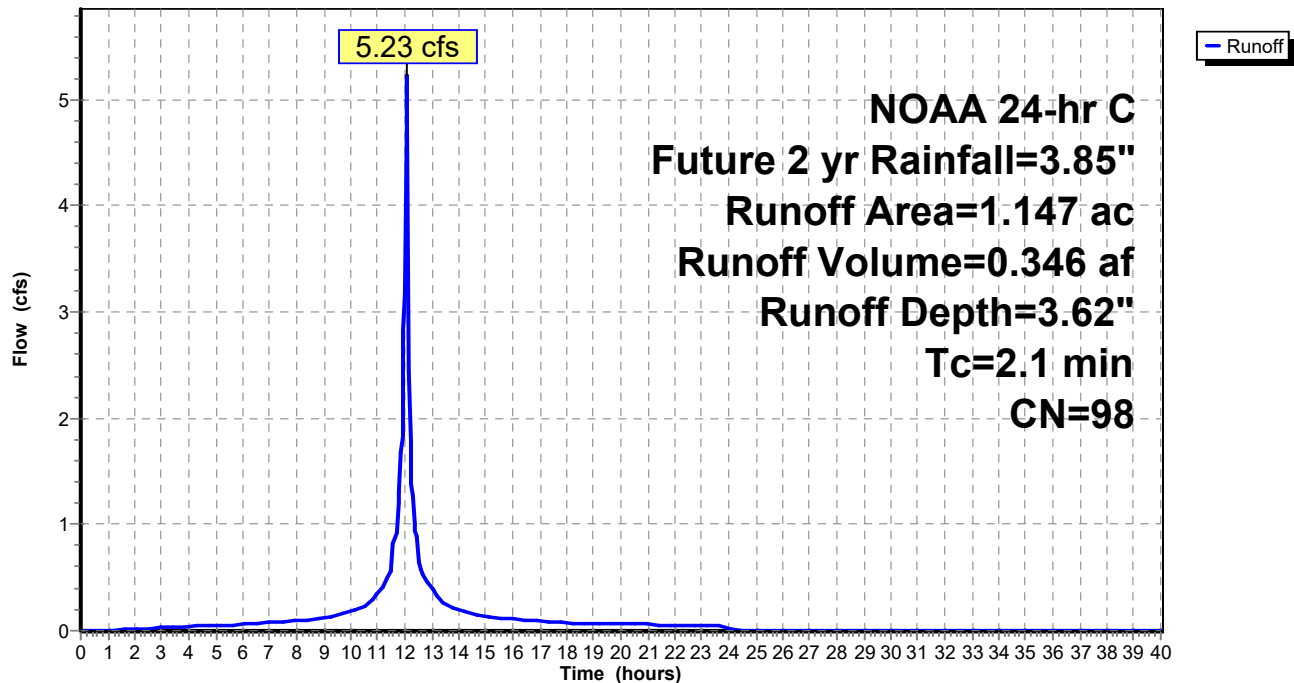
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.430	98	Pavement, HSG C
* 0.653	98	Roof, HSG C
* 0.064	98	Concrete, HSG C
1.147	98	Weighted Average
1.147		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.1					Direct Entry,

Subcatchment 46I: PDA-46 (impervious)

Hydrograph



Hydrograph for Subcatchment 46I: PDA-46 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.03
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.03
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.03
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.03
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.03
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.03
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.03
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.03
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.03
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.03
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.03
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.03
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.03
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.03
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.03
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.03
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.04
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.04
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.04
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.04
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.04
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.04
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.04
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.04
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.04
1.25	0.05	0.00	0.00	3.85	0.18	0.06	0.04
1.30	0.06	0.00	0.01	3.90	0.18	0.06	0.04
1.35	0.06	0.00	0.01	3.95	0.19	0.06	0.04
1.40	0.06	0.00	0.01	4.00	0.19	0.06	0.04
1.45	0.06	0.00	0.01	4.05	0.19	0.06	0.04
1.50	0.06	0.00	0.01	4.10	0.19	0.07	0.04
1.55	0.07	0.00	0.01	4.15	0.20	0.07	0.04
1.60	0.07	0.00	0.01	4.20	0.20	0.07	0.04
1.65	0.07	0.00	0.01	4.25	0.20	0.07	0.04
1.70	0.07	0.00	0.01	4.30	0.20	0.07	0.04
1.75	0.08	0.01	0.01	4.35	0.21	0.08	0.04
1.80	0.08	0.01	0.01	4.40	0.21	0.08	0.05
1.85	0.08	0.01	0.02	4.45	0.21	0.08	0.05
1.90	0.08	0.01	0.02	4.50	0.22	0.08	0.05
1.95	0.08	0.01	0.02	4.55	0.22	0.08	0.05
2.00	0.09	0.01	0.02	4.60	0.22	0.09	0.05
2.05	0.09	0.01	0.02	4.65	0.22	0.09	0.05
2.10	0.09	0.01	0.02	4.70	0.23	0.09	0.05
2.15	0.09	0.01	0.02	4.75	0.23	0.09	0.05
2.20	0.10	0.01	0.02	4.80	0.23	0.09	0.05
2.25	0.10	0.01	0.02	4.85	0.24	0.10	0.05
2.30	0.10	0.01	0.02	4.90	0.24	0.10	0.05
2.35	0.10	0.01	0.02	4.95	0.24	0.10	0.05
2.40	0.11	0.02	0.02	5.00	0.24	0.10	0.05
2.45	0.11	0.02	0.02	5.05	0.25	0.10	0.05
2.50	0.11	0.02	0.02	5.10	0.25	0.11	0.05
2.55	0.11	0.02	0.03	5.15	0.25	0.11	0.05

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.05	7.80	0.44	0.27	0.09
5.25	0.26	0.11	0.05	7.85	0.45	0.27	0.09
5.30	0.26	0.12	0.05	7.90	0.45	0.27	0.09
5.35	0.27	0.12	0.05	7.95	0.46	0.28	0.10
5.40	0.27	0.12	0.05	8.00	0.46	0.28	0.10
5.45	0.27	0.12	0.05	8.05	0.47	0.29	0.10
5.50	0.27	0.12	0.05	8.10	0.47	0.29	0.10
5.55	0.28	0.13	0.05	8.15	0.48	0.30	0.10
5.60	0.28	0.13	0.06	8.20	0.48	0.30	0.10
5.65	0.28	0.13	0.06	8.25	0.49	0.30	0.10
5.70	0.29	0.13	0.06	8.30	0.49	0.31	0.10
5.75	0.29	0.14	0.06	8.35	0.49	0.31	0.10
5.80	0.29	0.14	0.06	8.40	0.50	0.32	0.10
5.85	0.30	0.14	0.06	8.45	0.50	0.32	0.10
5.90	0.30	0.14	0.06	8.50	0.51	0.33	0.11
5.95	0.30	0.15	0.06	8.55	0.51	0.33	0.11
6.00	0.31	0.15	0.06	8.60	0.52	0.34	0.11
6.05	0.31	0.15	0.06	8.65	0.53	0.34	0.11
6.10	0.31	0.15	0.06	8.70	0.53	0.35	0.11
6.15	0.31	0.16	0.06	8.75	0.54	0.35	0.11
6.20	0.32	0.16	0.06	8.80	0.54	0.36	0.11
6.25	0.32	0.16	0.06	8.85	0.55	0.36	0.11
6.30	0.32	0.17	0.06	8.90	0.55	0.36	0.11
6.35	0.33	0.17	0.06	8.95	0.56	0.37	0.11
6.40	0.33	0.17	0.07	9.00	0.56	0.37	0.12
6.45	0.33	0.17	0.07	9.05	0.57	0.38	0.12
6.50	0.34	0.18	0.07	9.10	0.57	0.39	0.12
6.55	0.34	0.18	0.07	9.15	0.58	0.39	0.13
6.60	0.35	0.18	0.07	9.20	0.59	0.40	0.13
6.65	0.35	0.19	0.07	9.25	0.59	0.40	0.13
6.70	0.35	0.19	0.07	9.30	0.60	0.41	0.13
6.75	0.36	0.19	0.07	9.35	0.60	0.41	0.14
6.80	0.36	0.19	0.07	9.40	0.61	0.42	0.14
6.85	0.36	0.20	0.07	9.45	0.62	0.43	0.15
6.90	0.37	0.20	0.07	9.50	0.62	0.43	0.15
6.95	0.37	0.20	0.08	9.55	0.63	0.44	0.15
7.00	0.38	0.21	0.08	9.60	0.64	0.45	0.15
7.05	0.38	0.21	0.08	9.65	0.65	0.45	0.16
7.10	0.38	0.21	0.08	9.70	0.65	0.46	0.16
7.15	0.39	0.22	0.08	9.75	0.66	0.47	0.17
7.20	0.39	0.22	0.08	9.80	0.67	0.47	0.17
7.25	0.40	0.23	0.08	9.85	0.68	0.48	0.17
7.30	0.40	0.23	0.08	9.90	0.69	0.49	0.17
7.35	0.40	0.23	0.08	9.95	0.69	0.50	0.18
7.40	0.41	0.24	0.08	10.00	0.70	0.51	0.18
7.45	0.41	0.24	0.09	10.05	0.71	0.51	0.19
7.50	0.42	0.24	0.09	10.10	0.72	0.52	0.19
7.55	0.42	0.25	0.09	10.15	0.73	0.53	0.19
7.60	0.43	0.25	0.09	10.20	0.74	0.54	0.19
7.65	0.43	0.25	0.09	10.25	0.75	0.55	0.20
7.70	0.43	0.26	0.09	10.30	0.76	0.56	0.20
7.75	0.44	0.26	0.09	10.35	0.76	0.56	0.21

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.21	13.00	2.93	2.69	0.40
10.45	0.78	0.58	0.21	13.05	2.94	2.71	0.36
10.50	0.79	0.59	0.22	13.10	2.96	2.73	0.35
10.55	0.80	0.60	0.23	13.15	2.97	2.74	0.33
10.60	0.82	0.61	0.24	13.20	2.98	2.75	0.32
10.65	0.83	0.62	0.26	13.25	3.00	2.77	0.31
10.70	0.84	0.64	0.27	13.30	3.01	2.78	0.30
10.75	0.85	0.65	0.28	13.35	3.02	2.79	0.28
10.80	0.87	0.66	0.29	13.40	3.03	2.80	0.27
10.85	0.88	0.67	0.31	13.45	3.05	2.81	0.25
10.90	0.89	0.69	0.32	13.50	3.06	2.82	0.25
10.95	0.91	0.70	0.34	13.55	3.07	2.83	0.23
11.00	0.92	0.72	0.34	13.60	3.08	2.84	0.22
11.05	0.94	0.73	0.38	13.65	3.09	2.85	0.22
11.10	0.96	0.75	0.39	13.70	3.09	2.86	0.22
11.15	0.98	0.77	0.43	13.75	3.10	2.87	0.21
11.20	1.00	0.79	0.44	13.80	3.11	2.88	0.21
11.25	1.02	0.81	0.47	13.85	3.12	2.89	0.21
11.30	1.04	0.83	0.48	13.90	3.13	2.90	0.20
11.35	1.06	0.85	0.52	13.95	3.14	2.91	0.20
11.40	1.09	0.88	0.53	14.00	3.15	2.92	0.20
11.45	1.11	0.90	0.56	14.05	3.16	2.92	0.19
11.50	1.14	0.92	0.58	14.10	3.16	2.93	0.19
11.55	1.18	0.96	0.82	14.15	3.17	2.94	0.19
11.60	1.22	1.00	0.88	14.20	3.18	2.95	0.18
11.65	1.26	1.04	0.92	14.25	3.19	2.96	0.18
11.70	1.30	1.08	0.94	14.30	3.20	2.96	0.18
11.75	1.35	1.14	1.21	14.35	3.20	2.97	0.17
11.80	1.41	1.19	1.30	14.40	3.21	2.98	0.17
11.85	1.49	1.27	1.68	14.45	3.22	2.99	0.17
11.90	1.57	1.34	1.83	14.50	3.23	2.99	0.16
11.95	1.70	1.48	2.83	14.55	3.23	3.00	0.16
12.00	1.83	1.61	3.17	14.60	3.24	3.01	0.16
12.05	2.06	1.83	4.75	14.65	3.25	3.01	0.15
12.10	2.28	2.06	4.99	14.70	3.25	3.02	0.15
12.15	2.36	2.13	2.44	14.75	3.26	3.03	0.15
12.20	2.44	2.21	1.78	14.80	3.26	3.03	0.14
12.25	2.50	2.27	1.39	14.85	3.27	3.04	0.14
12.30	2.55	2.32	1.28	14.90	3.28	3.04	0.14
12.35	2.59	2.36	1.01	14.95	3.28	3.05	0.13
12.40	2.63	2.40	0.94	15.00	3.29	3.05	0.13
12.45	2.67	2.44	0.90	15.05	3.29	3.06	0.13
12.50	2.71	2.48	0.88	15.10	3.30	3.07	0.12
12.55	2.74	2.51	0.64	15.15	3.30	3.07	0.12
12.60	2.76	2.53	0.58	15.20	3.31	3.08	0.12
12.65	2.79	2.56	0.55	15.25	3.31	3.08	0.12
12.70	2.81	2.58	0.54	15.30	3.32	3.09	0.12
12.75	2.83	2.60	0.50	15.35	3.32	3.09	0.12
12.80	2.85	2.62	0.49	15.40	3.33	3.10	0.12
12.85	2.87	2.64	0.46	15.45	3.34	3.10	0.12
12.90	2.89	2.66	0.44	15.50	3.34	3.11	0.12
12.95	2.91	2.68	0.41	15.55	3.35	3.11	0.12

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.12	18.20	3.56	3.32	0.07
15.65	3.36	3.12	0.11	18.25	3.56	3.33	0.07
15.70	3.36	3.13	0.11	18.30	3.56	3.33	0.07
15.75	3.36	3.13	0.11	18.35	3.57	3.33	0.07
15.80	3.37	3.14	0.11	18.40	3.57	3.34	0.07
15.85	3.37	3.14	0.11	18.45	3.57	3.34	0.07
15.90	3.38	3.15	0.11	18.50	3.58	3.34	0.07
15.95	3.38	3.15	0.11	18.55	3.58	3.34	0.07
16.00	3.39	3.16	0.11	18.60	3.58	3.35	0.07
16.05	3.39	3.16	0.11	18.65	3.58	3.35	0.07
16.10	3.40	3.16	0.11	18.70	3.59	3.35	0.07
16.15	3.40	3.17	0.11	18.75	3.59	3.36	0.07
16.20	3.41	3.17	0.11	18.80	3.59	3.36	0.07
16.25	3.41	3.18	0.10	18.85	3.60	3.36	0.07
16.30	3.42	3.18	0.10	18.90	3.60	3.37	0.07
16.35	3.42	3.19	0.10	18.95	3.60	3.37	0.07
16.40	3.42	3.19	0.10	19.00	3.61	3.37	0.07
16.45	3.43	3.20	0.10	19.05	3.61	3.37	0.07
16.50	3.43	3.20	0.10	19.10	3.61	3.38	0.07
16.55	3.44	3.20	0.10	19.15	3.61	3.38	0.07
16.60	3.44	3.21	0.10	19.20	3.62	3.38	0.07
16.65	3.45	3.21	0.10	19.25	3.62	3.39	0.07
16.70	3.45	3.22	0.10	19.30	3.62	3.39	0.07
16.75	3.45	3.22	0.09	19.35	3.63	3.39	0.07
16.80	3.46	3.23	0.09	19.40	3.63	3.39	0.07
16.85	3.46	3.23	0.09	19.45	3.63	3.40	0.07
16.90	3.47	3.23	0.09	19.50	3.63	3.40	0.07
16.95	3.47	3.24	0.09	19.55	3.64	3.40	0.06
17.00	3.47	3.24	0.09	19.60	3.64	3.41	0.06
17.05	3.48	3.24	0.09	19.65	3.64	3.41	0.06
17.10	3.48	3.25	0.09	19.70	3.65	3.41	0.06
17.15	3.49	3.25	0.09	19.75	3.65	3.41	0.06
17.20	3.49	3.26	0.09	19.80	3.65	3.42	0.06
17.25	3.49	3.26	0.09	19.85	3.65	3.42	0.06
17.30	3.50	3.26	0.09	19.90	3.66	3.42	0.06
17.35	3.50	3.27	0.08	19.95	3.66	3.42	0.06
17.40	3.50	3.27	0.08	20.00	3.66	3.43	0.06
17.45	3.51	3.27	0.08	20.05	3.66	3.43	0.06
17.50	3.51	3.28	0.08	20.10	3.67	3.43	0.06
17.55	3.52	3.28	0.08	20.15	3.67	3.44	0.06
17.60	3.52	3.28	0.08	20.20	3.67	3.44	0.06
17.65	3.52	3.29	0.08	20.25	3.68	3.44	0.06
17.70	3.53	3.29	0.08	20.30	3.68	3.44	0.06
17.75	3.53	3.30	0.08	20.35	3.68	3.45	0.06
17.80	3.53	3.30	0.08	20.40	3.68	3.45	0.06
17.85	3.54	3.30	0.08	20.45	3.69	3.45	0.06
17.90	3.54	3.30	0.07	20.50	3.69	3.45	0.06
17.95	3.54	3.31	0.07	20.55	3.69	3.46	0.06
18.00	3.54	3.31	0.07	20.60	3.69	3.46	0.06
18.05	3.55	3.31	0.07	20.65	3.70	3.46	0.06
18.10	3.55	3.32	0.07	20.70	3.70	3.46	0.06
18.15	3.55	3.32	0.07	20.75	3.70	3.47	0.06

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.06	23.40	3.82	3.59	0.05
20.85	3.71	3.47	0.06	23.45	3.83	3.59	0.05
20.90	3.71	3.47	0.06	23.50	3.83	3.59	0.05
20.95	3.71	3.48	0.06	23.55	3.83	3.60	0.05
21.00	3.71	3.48	0.06	23.60	3.83	3.60	0.05
21.05	3.72	3.48	0.06	23.65	3.84	3.60	0.05
21.10	3.72	3.49	0.06	23.70	3.84	3.60	0.05
21.15	3.72	3.49	0.06	23.75	3.84	3.60	0.05
21.20	3.72	3.49	0.06	23.80	3.84	3.61	0.05
21.25	3.73	3.49	0.06	23.85	3.84	3.61	0.05
21.30	3.73	3.50	0.06	23.90	3.85	3.61	0.05
21.35	3.73	3.50	0.06	23.95	3.85	3.61	0.05
21.40	3.73	3.50	0.06	24.00	3.85	3.62	0.05
21.45	3.74	3.50	0.06	24.05	3.85	3.62	0.01
21.50	3.74	3.50	0.06	24.10	3.85	3.62	0.00
21.55	3.74	3.51	0.06	24.15	3.85	3.62	0.00
21.60	3.74	3.51	0.06	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.06	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.06	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.06	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.06	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.05	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.05	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.05	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.05	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.05	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.05	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.05	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.05	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.05	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.05	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.05	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.05	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.05	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.05	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.05	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.05	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.05	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.05	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.05	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.05	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.05	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.05	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.05	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.05	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.05	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.05	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.05	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.05	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.05	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.05	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.05	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 46P: PDA-46 (pervious)

Runoff = 2.92 cfs @ 12.09 hrs, Volume= 0.165 af, Depth= 1.49"
 Routed to Pond B-46A : Basin #46A

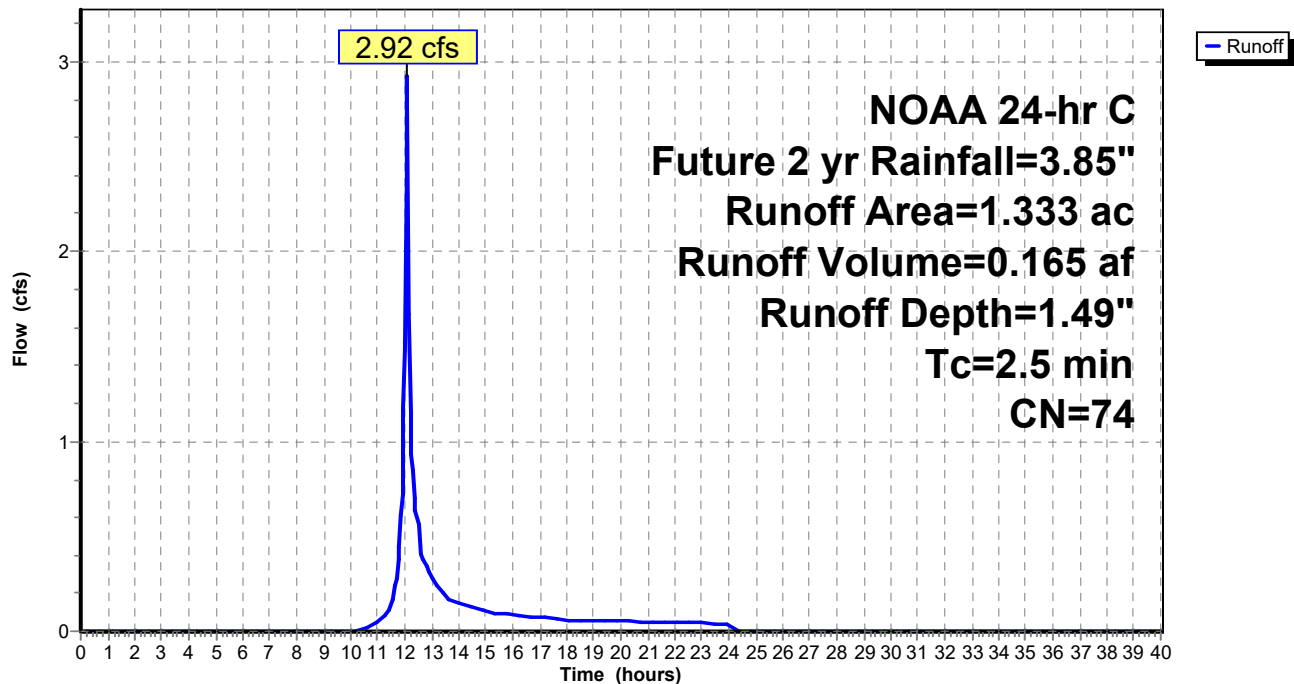
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.333	74	>75% Grass cover, Good, HSG C
1.333		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.5					Direct Entry,

Subcatchment 46P: PDA-46 (pervious)

Hydrograph



Hydrograph for Subcatchment 46P: PDA-46 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.01
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.01

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.01	13.00	2.93	0.86	0.29
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.27
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.26
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.24
10.60	0.82	0.00	0.02	13.20	2.98	0.90	0.24
10.65	0.83	0.00	0.02	13.25	3.00	0.91	0.23
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.22
10.75	0.85	0.01	0.03	13.35	3.02	0.92	0.21
10.80	0.87	0.01	0.03	13.40	3.03	0.93	0.20
10.85	0.88	0.01	0.03	13.45	3.05	0.94	0.19
10.90	0.89	0.01	0.04	13.50	3.06	0.94	0.19
10.95	0.91	0.01	0.04	13.55	3.07	0.95	0.17
11.00	0.92	0.01	0.05	13.60	3.08	0.96	0.17
11.05	0.94	0.02	0.05	13.65	3.09	0.96	0.16
11.10	0.96	0.02	0.06	13.70	3.09	0.97	0.16
11.15	0.98	0.02	0.07	13.75	3.10	0.97	0.16
11.20	1.00	0.02	0.07	13.80	3.11	0.98	0.16
11.25	1.02	0.03	0.08	13.85	3.12	0.99	0.16
11.30	1.04	0.03	0.09	13.90	3.13	0.99	0.15
11.35	1.06	0.03	0.10	13.95	3.14	1.00	0.15
11.40	1.09	0.04	0.11	14.00	3.15	1.00	0.15
11.45	1.11	0.04	0.13	14.05	3.16	1.01	0.15
11.50	1.14	0.05	0.14	14.10	3.16	1.01	0.15
11.55	1.18	0.06	0.20	14.15	3.17	1.02	0.14
11.60	1.22	0.07	0.24	14.20	3.18	1.02	0.14
11.65	1.26	0.08	0.26	14.25	3.19	1.03	0.14
11.70	1.30	0.09	0.29	14.30	3.20	1.03	0.14
11.75	1.35	0.10	0.38	14.35	3.20	1.04	0.13
11.80	1.41	0.12	0.45	14.40	3.21	1.04	0.13
11.85	1.49	0.14	0.61	14.45	3.22	1.05	0.13
11.90	1.57	0.17	0.72	14.50	3.23	1.05	0.13
11.95	1.70	0.22	1.17	14.55	3.23	1.06	0.12
12.00	1.83	0.28	1.47	14.60	3.24	1.06	0.12
12.05	2.06	0.38	2.38	14.65	3.25	1.07	0.12
12.10	2.28	0.49	2.89	14.70	3.25	1.07	0.12
12.15	2.36	0.53	1.67	14.75	3.26	1.08	0.11
12.20	2.44	0.57	1.16	14.80	3.26	1.08	0.11
12.25	2.50	0.61	0.93	14.85	3.27	1.08	0.11
12.30	2.55	0.64	0.85	14.90	3.28	1.09	0.11
12.35	2.59	0.66	0.70	14.95	3.28	1.09	0.10
12.40	2.63	0.69	0.64	15.00	3.29	1.10	0.10
12.45	2.67	0.71	0.62	15.05	3.29	1.10	0.10
12.50	2.71	0.73	0.61	15.10	3.30	1.10	0.10
12.55	2.74	0.75	0.47	15.15	3.30	1.11	0.10
12.60	2.76	0.76	0.41	15.20	3.31	1.11	0.10
12.65	2.79	0.78	0.39	15.25	3.31	1.11	0.09
12.70	2.81	0.79	0.38	15.30	3.32	1.12	0.09
12.75	2.83	0.80	0.36	15.35	3.32	1.12	0.09
12.80	2.85	0.82	0.35	15.40	3.33	1.12	0.09
12.85	2.87	0.83	0.33	15.45	3.34	1.13	0.09
12.90	2.89	0.84	0.32	15.50	3.34	1.13	0.09
12.95	2.91	0.85	0.30	15.55	3.35	1.13	0.09

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.09	18.20	3.56	1.28	0.06
15.65	3.36	1.14	0.09	18.25	3.56	1.28	0.06
15.70	3.36	1.14	0.09	18.30	3.56	1.28	0.06
15.75	3.36	1.15	0.09	18.35	3.57	1.29	0.06
15.80	3.37	1.15	0.09	18.40	3.57	1.29	0.06
15.85	3.37	1.15	0.09	18.45	3.57	1.29	0.06
15.90	3.38	1.16	0.09	18.50	3.58	1.29	0.06
15.95	3.38	1.16	0.09	18.55	3.58	1.29	0.06
16.00	3.39	1.16	0.09	18.60	3.58	1.30	0.06
16.05	3.39	1.17	0.08	18.65	3.58	1.30	0.06
16.10	3.40	1.17	0.08	18.70	3.59	1.30	0.06
16.15	3.40	1.17	0.08	18.75	3.59	1.30	0.06
16.20	3.41	1.18	0.08	18.80	3.59	1.30	0.06
16.25	3.41	1.18	0.08	18.85	3.60	1.31	0.06
16.30	3.42	1.18	0.08	18.90	3.60	1.31	0.06
16.35	3.42	1.19	0.08	18.95	3.60	1.31	0.06
16.40	3.42	1.19	0.08	19.00	3.61	1.31	0.06
16.45	3.43	1.19	0.08	19.05	3.61	1.32	0.05
16.50	3.43	1.19	0.08	19.10	3.61	1.32	0.05
16.55	3.44	1.20	0.08	19.15	3.61	1.32	0.05
16.60	3.44	1.20	0.08	19.20	3.62	1.32	0.05
16.65	3.45	1.20	0.08	19.25	3.62	1.32	0.05
16.70	3.45	1.21	0.08	19.30	3.62	1.33	0.05
16.75	3.45	1.21	0.08	19.35	3.63	1.33	0.05
16.80	3.46	1.21	0.08	19.40	3.63	1.33	0.05
16.85	3.46	1.21	0.07	19.45	3.63	1.33	0.05
16.90	3.47	1.22	0.07	19.50	3.63	1.33	0.05
16.95	3.47	1.22	0.07	19.55	3.64	1.34	0.05
17.00	3.47	1.22	0.07	19.60	3.64	1.34	0.05
17.05	3.48	1.22	0.07	19.65	3.64	1.34	0.05
17.10	3.48	1.23	0.07	19.70	3.65	1.34	0.05
17.15	3.49	1.23	0.07	19.75	3.65	1.34	0.05
17.20	3.49	1.23	0.07	19.80	3.65	1.34	0.05
17.25	3.49	1.24	0.07	19.85	3.65	1.35	0.05
17.30	3.50	1.24	0.07	19.90	3.66	1.35	0.05
17.35	3.50	1.24	0.07	19.95	3.66	1.35	0.05
17.40	3.50	1.24	0.07	20.00	3.66	1.35	0.05
17.45	3.51	1.25	0.07	20.05	3.66	1.35	0.05
17.50	3.51	1.25	0.07	20.10	3.67	1.36	0.05
17.55	3.52	1.25	0.07	20.15	3.67	1.36	0.05
17.60	3.52	1.25	0.06	20.20	3.67	1.36	0.05
17.65	3.52	1.26	0.06	20.25	3.68	1.36	0.05
17.70	3.53	1.26	0.06	20.30	3.68	1.36	0.05
17.75	3.53	1.26	0.06	20.35	3.68	1.37	0.05
17.80	3.53	1.26	0.06	20.40	3.68	1.37	0.05
17.85	3.54	1.26	0.06	20.45	3.69	1.37	0.05
17.90	3.54	1.27	0.06	20.50	3.69	1.37	0.05
17.95	3.54	1.27	0.06	20.55	3.69	1.37	0.05
18.00	3.54	1.27	0.06	20.60	3.69	1.38	0.05
18.05	3.55	1.27	0.06	20.65	3.70	1.38	0.05
18.10	3.55	1.28	0.06	20.70	3.70	1.38	0.05
18.15	3.55	1.28	0.06	20.75	3.70	1.38	0.05

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.05	23.40	3.82	1.47	0.04
20.85	3.71	1.38	0.05	23.45	3.83	1.47	0.04
20.90	3.71	1.39	0.05	23.50	3.83	1.47	0.04
20.95	3.71	1.39	0.05	23.55	3.83	1.47	0.04
21.00	3.71	1.39	0.05	23.60	3.83	1.47	0.04
21.05	3.72	1.39	0.05	23.65	3.84	1.48	0.04
21.10	3.72	1.39	0.05	23.70	3.84	1.48	0.04
21.15	3.72	1.40	0.05	23.75	3.84	1.48	0.04
21.20	3.72	1.40	0.05	23.80	3.84	1.48	0.04
21.25	3.73	1.40	0.05	23.85	3.84	1.48	0.04
21.30	3.73	1.40	0.05	23.90	3.85	1.48	0.04
21.35	3.73	1.40	0.05	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.05	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.05	24.05	3.85	1.49	0.01
21.50	3.74	1.41	0.05	24.10	3.85	1.49	0.00
21.55	3.74	1.41	0.05	24.15	3.85	1.49	0.00
21.60	3.74	1.41	0.05	24.20	3.85	1.49	0.00
21.65	3.75	1.41	0.05	24.25	3.85	1.49	0.00
21.70	3.75	1.41	0.05	24.30	3.85	1.49	0.00
21.75	3.75	1.42	0.05	24.35	3.85	1.49	0.00
21.80	3.75	1.42	0.05	24.40	3.85	1.49	0.00
21.85	3.76	1.42	0.05	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.05	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.05	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.05	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.04	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.04	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.04	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.04	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.04	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.04	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.04	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.04	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.04	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.04	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.04	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.04	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.04	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.04	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.04	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.04	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.04	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.04	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.04	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.04	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.04	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.04	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.04	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.04	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.04	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.04	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.04	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment 47I: PDA-47 (impervious)

Runoff = 3.11 cfs @ 12.10 hrs, Volume= 0.225 af, Depth= 3.62"
 Routed to Pond B-47 : Basin #47

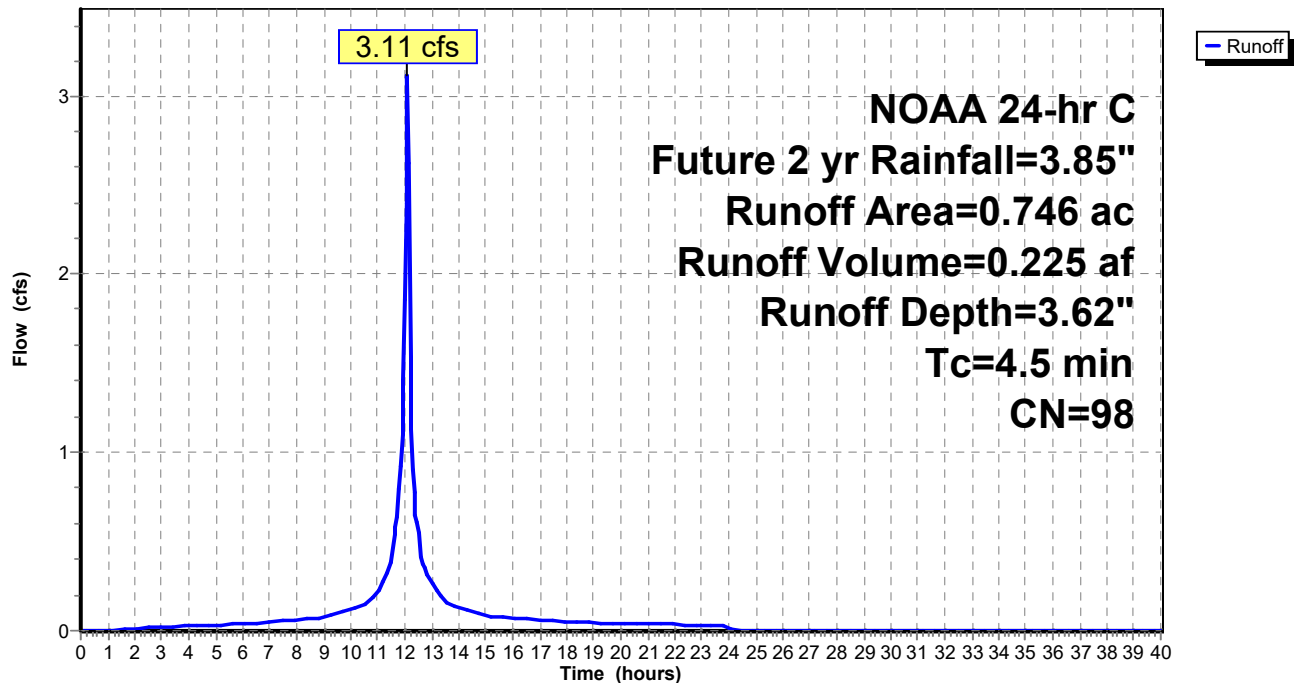
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
* 0.244	98	Pavement, HSG C
* 0.484	98	Roof, HSG C
* 0.018	98	Concrete, HSG C
0.746	98	Weighted Average
0.746		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.5					Direct Entry,

Subcatchment 47I: PDA-47 (impervious)

Hydrograph



Hydrograph for Subcatchment 47I: PDA-47 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.02	0.02
0.05	0.00	0.00	0.00	2.65	0.12	0.02	0.02
0.10	0.00	0.00	0.00	2.70	0.12	0.02	0.02
0.15	0.01	0.00	0.00	2.75	0.12	0.02	0.02
0.20	0.01	0.00	0.00	2.80	0.13	0.02	0.02
0.25	0.01	0.00	0.00	2.85	0.13	0.03	0.02
0.30	0.01	0.00	0.00	2.90	0.13	0.03	0.02
0.35	0.01	0.00	0.00	2.95	0.13	0.03	0.02
0.40	0.02	0.00	0.00	3.00	0.14	0.03	0.02
0.45	0.02	0.00	0.00	3.05	0.14	0.03	0.02
0.50	0.02	0.00	0.00	3.10	0.14	0.03	0.02
0.55	0.02	0.00	0.00	3.15	0.14	0.03	0.02
0.60	0.03	0.00	0.00	3.20	0.15	0.04	0.02
0.65	0.03	0.00	0.00	3.25	0.15	0.04	0.02
0.70	0.03	0.00	0.00	3.30	0.15	0.04	0.02
0.75	0.03	0.00	0.00	3.35	0.15	0.04	0.02
0.80	0.03	0.00	0.00	3.40	0.16	0.04	0.02
0.85	0.04	0.00	0.00	3.45	0.16	0.04	0.02
0.90	0.04	0.00	0.00	3.50	0.16	0.04	0.02
0.95	0.04	0.00	0.00	3.55	0.16	0.05	0.02
1.00	0.04	0.00	0.00	3.60	0.17	0.05	0.02
1.05	0.04	0.00	0.00	3.65	0.17	0.05	0.02
1.10	0.05	0.00	0.00	3.70	0.17	0.05	0.02
1.15	0.05	0.00	0.00	3.75	0.17	0.05	0.03
1.20	0.05	0.00	0.00	3.80	0.18	0.05	0.03
1.25	0.05	0.00	0.00	3.85	0.18	0.06	0.03
1.30	0.06	0.00	0.00	3.90	0.18	0.06	0.03
1.35	0.06	0.00	0.00	3.95	0.19	0.06	0.03
1.40	0.06	0.00	0.00	4.00	0.19	0.06	0.03
1.45	0.06	0.00	0.01	4.05	0.19	0.06	0.03
1.50	0.06	0.00	0.01	4.10	0.19	0.07	0.03
1.55	0.07	0.00	0.01	4.15	0.20	0.07	0.03
1.60	0.07	0.00	0.01	4.20	0.20	0.07	0.03
1.65	0.07	0.00	0.01	4.25	0.20	0.07	0.03
1.70	0.07	0.00	0.01	4.30	0.20	0.07	0.03
1.75	0.08	0.01	0.01	4.35	0.21	0.08	0.03
1.80	0.08	0.01	0.01	4.40	0.21	0.08	0.03
1.85	0.08	0.01	0.01	4.45	0.21	0.08	0.03
1.90	0.08	0.01	0.01	4.50	0.22	0.08	0.03
1.95	0.08	0.01	0.01	4.55	0.22	0.08	0.03
2.00	0.09	0.01	0.01	4.60	0.22	0.09	0.03
2.05	0.09	0.01	0.01	4.65	0.22	0.09	0.03
2.10	0.09	0.01	0.01	4.70	0.23	0.09	0.03
2.15	0.09	0.01	0.01	4.75	0.23	0.09	0.03
2.20	0.10	0.01	0.01	4.80	0.23	0.09	0.03
2.25	0.10	0.01	0.01	4.85	0.24	0.10	0.03
2.30	0.10	0.01	0.01	4.90	0.24	0.10	0.03
2.35	0.10	0.01	0.01	4.95	0.24	0.10	0.03
2.40	0.11	0.02	0.01	5.00	0.24	0.10	0.03
2.45	0.11	0.02	0.02	5.05	0.25	0.10	0.03
2.50	0.11	0.02	0.02	5.10	0.25	0.11	0.03
2.55	0.11	0.02	0.02	5.15	0.25	0.11	0.03

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.11	0.03	7.80	0.44	0.27	0.06
5.25	0.26	0.11	0.03	7.85	0.45	0.27	0.06
5.30	0.26	0.12	0.03	7.90	0.45	0.27	0.06
5.35	0.27	0.12	0.03	7.95	0.46	0.28	0.06
5.40	0.27	0.12	0.03	8.00	0.46	0.28	0.06
5.45	0.27	0.12	0.03	8.05	0.47	0.29	0.06
5.50	0.27	0.12	0.04	8.10	0.47	0.29	0.06
5.55	0.28	0.13	0.04	8.15	0.48	0.30	0.06
5.60	0.28	0.13	0.04	8.20	0.48	0.30	0.06
5.65	0.28	0.13	0.04	8.25	0.49	0.30	0.07
5.70	0.29	0.13	0.04	8.30	0.49	0.31	0.07
5.75	0.29	0.14	0.04	8.35	0.49	0.31	0.07
5.80	0.29	0.14	0.04	8.40	0.50	0.32	0.07
5.85	0.30	0.14	0.04	8.45	0.50	0.32	0.07
5.90	0.30	0.14	0.04	8.50	0.51	0.33	0.07
5.95	0.30	0.15	0.04	8.55	0.51	0.33	0.07
6.00	0.31	0.15	0.04	8.60	0.52	0.34	0.07
6.05	0.31	0.15	0.04	8.65	0.53	0.34	0.07
6.10	0.31	0.15	0.04	8.70	0.53	0.35	0.07
6.15	0.31	0.16	0.04	8.75	0.54	0.35	0.07
6.20	0.32	0.16	0.04	8.80	0.54	0.36	0.07
6.25	0.32	0.16	0.04	8.85	0.55	0.36	0.07
6.30	0.32	0.17	0.04	8.90	0.55	0.36	0.07
6.35	0.33	0.17	0.04	8.95	0.56	0.37	0.07
6.40	0.33	0.17	0.04	9.00	0.56	0.37	0.07
6.45	0.33	0.17	0.04	9.05	0.57	0.38	0.08
6.50	0.34	0.18	0.04	9.10	0.57	0.39	0.08
6.55	0.34	0.18	0.04	9.15	0.58	0.39	0.08
6.60	0.35	0.18	0.04	9.20	0.59	0.40	0.08
6.65	0.35	0.19	0.05	9.25	0.59	0.40	0.08
6.70	0.35	0.19	0.05	9.30	0.60	0.41	0.09
6.75	0.36	0.19	0.05	9.35	0.60	0.41	0.09
6.80	0.36	0.19	0.05	9.40	0.61	0.42	0.09
6.85	0.36	0.20	0.05	9.45	0.62	0.43	0.09
6.90	0.37	0.20	0.05	9.50	0.62	0.43	0.10
6.95	0.37	0.20	0.05	9.55	0.63	0.44	0.10
7.00	0.38	0.21	0.05	9.60	0.64	0.45	0.10
7.05	0.38	0.21	0.05	9.65	0.65	0.45	0.10
7.10	0.38	0.21	0.05	9.70	0.65	0.46	0.10
7.15	0.39	0.22	0.05	9.75	0.66	0.47	0.11
7.20	0.39	0.22	0.05	9.80	0.67	0.47	0.11
7.25	0.40	0.23	0.05	9.85	0.68	0.48	0.11
7.30	0.40	0.23	0.05	9.90	0.69	0.49	0.11
7.35	0.40	0.23	0.05	9.95	0.69	0.50	0.11
7.40	0.41	0.24	0.05	10.00	0.70	0.51	0.12
7.45	0.41	0.24	0.06	10.05	0.71	0.51	0.12
7.50	0.42	0.24	0.06	10.10	0.72	0.52	0.12
7.55	0.42	0.25	0.06	10.15	0.73	0.53	0.12
7.60	0.43	0.25	0.06	10.20	0.74	0.54	0.13
7.65	0.43	0.25	0.06	10.25	0.75	0.55	0.13
7.70	0.43	0.26	0.06	10.30	0.76	0.56	0.13
7.75	0.44	0.26	0.06	10.35	0.76	0.56	0.13

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.57	0.13	13.00	2.93	2.69	0.26
10.45	0.78	0.58	0.14	13.05	2.94	2.71	0.25
10.50	0.79	0.59	0.14	13.10	2.96	2.73	0.23
10.55	0.80	0.60	0.14	13.15	2.97	2.74	0.22
10.60	0.82	0.61	0.15	13.20	2.98	2.75	0.21
10.65	0.83	0.62	0.16	13.25	3.00	2.77	0.21
10.70	0.84	0.64	0.17	13.30	3.01	2.78	0.20
10.75	0.85	0.65	0.18	13.35	3.02	2.79	0.19
10.80	0.87	0.66	0.19	13.40	3.03	2.80	0.18
10.85	0.88	0.67	0.19	13.45	3.05	2.81	0.17
10.90	0.89	0.69	0.20	13.50	3.06	2.82	0.17
10.95	0.91	0.70	0.21	13.55	3.07	2.83	0.16
11.00	0.92	0.72	0.22	13.60	3.08	2.84	0.15
11.05	0.94	0.73	0.23	13.65	3.09	2.85	0.15
11.10	0.96	0.75	0.25	13.70	3.09	2.86	0.14
11.15	0.98	0.77	0.26	13.75	3.10	2.87	0.14
11.20	1.00	0.79	0.28	13.80	3.11	2.88	0.14
11.25	1.02	0.81	0.29	13.85	3.12	2.89	0.14
11.30	1.04	0.83	0.31	13.90	3.13	2.90	0.13
11.35	1.06	0.85	0.32	13.95	3.14	2.91	0.13
11.40	1.09	0.88	0.34	14.00	3.15	2.92	0.13
11.45	1.11	0.90	0.35	14.05	3.16	2.92	0.13
11.50	1.14	0.92	0.36	14.10	3.16	2.93	0.12
11.55	1.18	0.96	0.43	14.15	3.17	2.94	0.12
11.60	1.22	1.00	0.54	14.20	3.18	2.95	0.12
11.65	1.26	1.04	0.58	14.25	3.19	2.96	0.12
11.70	1.30	1.08	0.60	14.30	3.20	2.96	0.12
11.75	1.35	1.14	0.67	14.35	3.20	2.97	0.11
11.80	1.41	1.19	0.79	14.40	3.21	2.98	0.11
11.85	1.49	1.27	0.92	14.45	3.22	2.99	0.11
11.90	1.57	1.34	1.10	14.50	3.23	2.99	0.11
11.95	1.70	1.48	1.41	14.55	3.23	3.00	0.11
12.00	1.83	1.61	1.86	14.60	3.24	3.01	0.10
12.05	2.06	1.83	2.40	14.65	3.25	3.01	0.10
12.10	2.28	2.06	3.11	14.70	3.25	3.02	0.10
12.15	2.36	2.13	2.62	14.75	3.26	3.03	0.10
12.20	2.44	2.21	1.53	14.80	3.26	3.03	0.09
12.25	2.50	2.27	1.13	14.85	3.27	3.04	0.09
12.30	2.55	2.32	0.91	14.90	3.28	3.04	0.09
12.35	2.59	2.36	0.78	14.95	3.28	3.05	0.09
12.40	2.63	2.40	0.65	15.00	3.29	3.05	0.09
12.45	2.67	2.44	0.61	15.05	3.29	3.06	0.08
12.50	2.71	2.48	0.59	15.10	3.30	3.07	0.08
12.55	2.74	2.51	0.52	15.15	3.30	3.07	0.08
12.60	2.76	2.53	0.41	15.20	3.31	3.08	0.08
12.65	2.79	2.56	0.38	15.25	3.31	3.08	0.08
12.70	2.81	2.58	0.36	15.30	3.32	3.09	0.08
12.75	2.83	2.60	0.34	15.35	3.32	3.09	0.08
12.80	2.85	2.62	0.33	15.40	3.33	3.10	0.08
12.85	2.87	2.64	0.31	15.45	3.34	3.10	0.08
12.90	2.89	2.66	0.30	15.50	3.34	3.11	0.08
12.95	2.91	2.68	0.28	15.55	3.35	3.11	0.08

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	3.12	0.08	18.20	3.56	3.32	0.05
15.65	3.36	3.12	0.07	18.25	3.56	3.33	0.05
15.70	3.36	3.13	0.07	18.30	3.56	3.33	0.05
15.75	3.36	3.13	0.07	18.35	3.57	3.33	0.05
15.80	3.37	3.14	0.07	18.40	3.57	3.34	0.05
15.85	3.37	3.14	0.07	18.45	3.57	3.34	0.05
15.90	3.38	3.15	0.07	18.50	3.58	3.34	0.05
15.95	3.38	3.15	0.07	18.55	3.58	3.34	0.05
16.00	3.39	3.16	0.07	18.60	3.58	3.35	0.05
16.05	3.39	3.16	0.07	18.65	3.58	3.35	0.04
16.10	3.40	3.16	0.07	18.70	3.59	3.35	0.04
16.15	3.40	3.17	0.07	18.75	3.59	3.36	0.04
16.20	3.41	3.17	0.07	18.80	3.59	3.36	0.04
16.25	3.41	3.18	0.07	18.85	3.60	3.36	0.04
16.30	3.42	3.18	0.07	18.90	3.60	3.37	0.04
16.35	3.42	3.19	0.07	18.95	3.60	3.37	0.04
16.40	3.42	3.19	0.07	19.00	3.61	3.37	0.04
16.45	3.43	3.20	0.07	19.05	3.61	3.37	0.04
16.50	3.43	3.20	0.06	19.10	3.61	3.38	0.04
16.55	3.44	3.20	0.06	19.15	3.61	3.38	0.04
16.60	3.44	3.21	0.06	19.20	3.62	3.38	0.04
16.65	3.45	3.21	0.06	19.25	3.62	3.39	0.04
16.70	3.45	3.22	0.06	19.30	3.62	3.39	0.04
16.75	3.45	3.22	0.06	19.35	3.63	3.39	0.04
16.80	3.46	3.23	0.06	19.40	3.63	3.39	0.04
16.85	3.46	3.23	0.06	19.45	3.63	3.40	0.04
16.90	3.47	3.23	0.06	19.50	3.63	3.40	0.04
16.95	3.47	3.24	0.06	19.55	3.64	3.40	0.04
17.00	3.47	3.24	0.06	19.60	3.64	3.41	0.04
17.05	3.48	3.24	0.06	19.65	3.64	3.41	0.04
17.10	3.48	3.25	0.06	19.70	3.65	3.41	0.04
17.15	3.49	3.25	0.06	19.75	3.65	3.41	0.04
17.20	3.49	3.26	0.06	19.80	3.65	3.42	0.04
17.25	3.49	3.26	0.06	19.85	3.65	3.42	0.04
17.30	3.50	3.26	0.06	19.90	3.66	3.42	0.04
17.35	3.50	3.27	0.06	19.95	3.66	3.42	0.04
17.40	3.50	3.27	0.05	20.00	3.66	3.43	0.04
17.45	3.51	3.27	0.05	20.05	3.66	3.43	0.04
17.50	3.51	3.28	0.05	20.10	3.67	3.43	0.04
17.55	3.52	3.28	0.05	20.15	3.67	3.44	0.04
17.60	3.52	3.28	0.05	20.20	3.67	3.44	0.04
17.65	3.52	3.29	0.05	20.25	3.68	3.44	0.04
17.70	3.53	3.29	0.05	20.30	3.68	3.44	0.04
17.75	3.53	3.30	0.05	20.35	3.68	3.45	0.04
17.80	3.53	3.30	0.05	20.40	3.68	3.45	0.04
17.85	3.54	3.30	0.05	20.45	3.69	3.45	0.04
17.90	3.54	3.30	0.05	20.50	3.69	3.45	0.04
17.95	3.54	3.31	0.05	20.55	3.69	3.46	0.04
18.00	3.54	3.31	0.05	20.60	3.69	3.46	0.04
18.05	3.55	3.31	0.05	20.65	3.70	3.46	0.04
18.10	3.55	3.32	0.05	20.70	3.70	3.46	0.04
18.15	3.55	3.32	0.05	20.75	3.70	3.47	0.04

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	3.47	0.04	23.40	3.82	3.59	0.03
20.85	3.71	3.47	0.04	23.45	3.83	3.59	0.03
20.90	3.71	3.47	0.04	23.50	3.83	3.59	0.03
20.95	3.71	3.48	0.04	23.55	3.83	3.60	0.03
21.00	3.71	3.48	0.04	23.60	3.83	3.60	0.03
21.05	3.72	3.48	0.04	23.65	3.84	3.60	0.03
21.10	3.72	3.49	0.04	23.70	3.84	3.60	0.03
21.15	3.72	3.49	0.04	23.75	3.84	3.60	0.03
21.20	3.72	3.49	0.04	23.80	3.84	3.61	0.03
21.25	3.73	3.49	0.04	23.85	3.84	3.61	0.03
21.30	3.73	3.50	0.04	23.90	3.85	3.61	0.03
21.35	3.73	3.50	0.04	23.95	3.85	3.61	0.03
21.40	3.73	3.50	0.04	24.00	3.85	3.62	0.04
21.45	3.74	3.50	0.04	24.05	3.85	3.62	0.03
21.50	3.74	3.50	0.04	24.10	3.85	3.62	0.01
21.55	3.74	3.51	0.04	24.15	3.85	3.62	0.00
21.60	3.74	3.51	0.04	24.20	3.85	3.62	0.00
21.65	3.75	3.51	0.04	24.25	3.85	3.62	0.00
21.70	3.75	3.51	0.04	24.30	3.85	3.62	0.00
21.75	3.75	3.52	0.04	24.35	3.85	3.62	0.00
21.80	3.75	3.52	0.04	24.40	3.85	3.62	0.00
21.85	3.76	3.52	0.04	24.45	3.85	3.62	0.00
21.90	3.76	3.52	0.04	24.50	3.85	3.62	0.00
21.95	3.76	3.53	0.04	24.55	3.85	3.62	0.00
22.00	3.76	3.53	0.04	24.60	3.85	3.62	0.00
22.05	3.77	3.53	0.04	24.65	3.85	3.62	0.00
22.10	3.77	3.53	0.03	24.70	3.85	3.62	0.00
22.15	3.77	3.54	0.03	24.75	3.85	3.62	0.00
22.20	3.77	3.54	0.03	24.80	3.85	3.62	0.00
22.25	3.77	3.54	0.03	24.85	3.85	3.62	0.00
22.30	3.78	3.54	0.03	24.90	3.85	3.62	0.00
22.35	3.78	3.54	0.03	24.95	3.85	3.62	0.00
22.40	3.78	3.55	0.03	25.00	3.85	3.62	0.00
22.45	3.78	3.55	0.03	25.05	3.85	3.62	0.00
22.50	3.79	3.55	0.03	25.10	3.85	3.62	0.00
22.55	3.79	3.55	0.03	25.15	3.85	3.62	0.00
22.60	3.79	3.56	0.03	25.20	3.85	3.62	0.00
22.65	3.79	3.56	0.03	25.25	3.85	3.62	0.00
22.70	3.79	3.56	0.03	25.30	3.85	3.62	0.00
22.75	3.80	3.56	0.03	25.35	3.85	3.62	0.00
22.80	3.80	3.56	0.03	25.40	3.85	3.62	0.00
22.85	3.80	3.57	0.03	25.45	3.85	3.62	0.00
22.90	3.80	3.57	0.03	25.50	3.85	3.62	0.00
22.95	3.81	3.57	0.03	25.55	3.85	3.62	0.00
23.00	3.81	3.57	0.03	25.60	3.85	3.62	0.00
23.05	3.81	3.58	0.03	25.65	3.85	3.62	0.00
23.10	3.81	3.58	0.03	25.70	3.85	3.62	0.00
23.15	3.81	3.58	0.03	25.75	3.85	3.62	0.00
23.20	3.82	3.58	0.03	25.80	3.85	3.62	0.00
23.25	3.82	3.58	0.03	25.85	3.85	3.62	0.00
23.30	3.82	3.59	0.03	25.90	3.85	3.62	0.00
23.35	3.82	3.59	0.03	25.95	3.85	3.62	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	3.62	0.00	28.60	3.85	3.62	0.00
26.05	3.85	3.62	0.00	28.65	3.85	3.62	0.00
26.10	3.85	3.62	0.00	28.70	3.85	3.62	0.00
26.15	3.85	3.62	0.00	28.75	3.85	3.62	0.00
26.20	3.85	3.62	0.00	28.80	3.85	3.62	0.00
26.25	3.85	3.62	0.00	28.85	3.85	3.62	0.00
26.30	3.85	3.62	0.00	28.90	3.85	3.62	0.00
26.35	3.85	3.62	0.00	28.95	3.85	3.62	0.00
26.40	3.85	3.62	0.00	29.00	3.85	3.62	0.00
26.45	3.85	3.62	0.00	29.05	3.85	3.62	0.00
26.50	3.85	3.62	0.00	29.10	3.85	3.62	0.00
26.55	3.85	3.62	0.00	29.15	3.85	3.62	0.00
26.60	3.85	3.62	0.00	29.20	3.85	3.62	0.00
26.65	3.85	3.62	0.00	29.25	3.85	3.62	0.00
26.70	3.85	3.62	0.00	29.30	3.85	3.62	0.00
26.75	3.85	3.62	0.00	29.35	3.85	3.62	0.00
26.80	3.85	3.62	0.00	29.40	3.85	3.62	0.00
26.85	3.85	3.62	0.00	29.45	3.85	3.62	0.00
26.90	3.85	3.62	0.00	29.50	3.85	3.62	0.00
26.95	3.85	3.62	0.00	29.55	3.85	3.62	0.00
27.00	3.85	3.62	0.00	29.60	3.85	3.62	0.00
27.05	3.85	3.62	0.00	29.65	3.85	3.62	0.00
27.10	3.85	3.62	0.00	29.70	3.85	3.62	0.00
27.15	3.85	3.62	0.00	29.75	3.85	3.62	0.00
27.20	3.85	3.62	0.00	29.80	3.85	3.62	0.00
27.25	3.85	3.62	0.00	29.85	3.85	3.62	0.00
27.30	3.85	3.62	0.00	29.90	3.85	3.62	0.00
27.35	3.85	3.62	0.00	29.95	3.85	3.62	0.00
27.40	3.85	3.62	0.00	30.00	3.85	3.62	0.00
27.45	3.85	3.62	0.00	30.05	3.85	3.62	0.00
27.50	3.85	3.62	0.00	30.10	3.85	3.62	0.00
27.55	3.85	3.62	0.00	30.15	3.85	3.62	0.00
27.60	3.85	3.62	0.00	30.20	3.85	3.62	0.00
27.65	3.85	3.62	0.00	30.25	3.85	3.62	0.00
27.70	3.85	3.62	0.00	30.30	3.85	3.62	0.00
27.75	3.85	3.62	0.00	30.35	3.85	3.62	0.00
27.80	3.85	3.62	0.00	30.40	3.85	3.62	0.00
27.85	3.85	3.62	0.00	30.45	3.85	3.62	0.00
27.90	3.85	3.62	0.00	30.50	3.85	3.62	0.00
27.95	3.85	3.62	0.00	30.55	3.85	3.62	0.00
28.00	3.85	3.62	0.00	30.60	3.85	3.62	0.00
28.05	3.85	3.62	0.00	30.65	3.85	3.62	0.00
28.10	3.85	3.62	0.00	30.70	3.85	3.62	0.00
28.15	3.85	3.62	0.00	30.75	3.85	3.62	0.00
28.20	3.85	3.62	0.00	30.80	3.85	3.62	0.00
28.25	3.85	3.62	0.00	30.85	3.85	3.62	0.00
28.30	3.85	3.62	0.00	30.90	3.85	3.62	0.00
28.35	3.85	3.62	0.00	30.95	3.85	3.62	0.00
28.40	3.85	3.62	0.00	31.00	3.85	3.62	0.00
28.45	3.85	3.62	0.00	31.05	3.85	3.62	0.00
28.50	3.85	3.62	0.00	31.10	3.85	3.62	0.00
28.55	3.85	3.62	0.00	31.15	3.85	3.62	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	3.62	0.00	33.80	3.85	3.62	0.00
31.25	3.85	3.62	0.00	33.85	3.85	3.62	0.00
31.30	3.85	3.62	0.00	33.90	3.85	3.62	0.00
31.35	3.85	3.62	0.00	33.95	3.85	3.62	0.00
31.40	3.85	3.62	0.00	34.00	3.85	3.62	0.00
31.45	3.85	3.62	0.00	34.05	3.85	3.62	0.00
31.50	3.85	3.62	0.00	34.10	3.85	3.62	0.00
31.55	3.85	3.62	0.00	34.15	3.85	3.62	0.00
31.60	3.85	3.62	0.00	34.20	3.85	3.62	0.00
31.65	3.85	3.62	0.00	34.25	3.85	3.62	0.00
31.70	3.85	3.62	0.00	34.30	3.85	3.62	0.00
31.75	3.85	3.62	0.00	34.35	3.85	3.62	0.00
31.80	3.85	3.62	0.00	34.40	3.85	3.62	0.00
31.85	3.85	3.62	0.00	34.45	3.85	3.62	0.00
31.90	3.85	3.62	0.00	34.50	3.85	3.62	0.00
31.95	3.85	3.62	0.00	34.55	3.85	3.62	0.00
32.00	3.85	3.62	0.00	34.60	3.85	3.62	0.00
32.05	3.85	3.62	0.00	34.65	3.85	3.62	0.00
32.10	3.85	3.62	0.00	34.70	3.85	3.62	0.00
32.15	3.85	3.62	0.00	34.75	3.85	3.62	0.00
32.20	3.85	3.62	0.00	34.80	3.85	3.62	0.00
32.25	3.85	3.62	0.00	34.85	3.85	3.62	0.00
32.30	3.85	3.62	0.00	34.90	3.85	3.62	0.00
32.35	3.85	3.62	0.00	34.95	3.85	3.62	0.00
32.40	3.85	3.62	0.00	35.00	3.85	3.62	0.00
32.45	3.85	3.62	0.00	35.05	3.85	3.62	0.00
32.50	3.85	3.62	0.00	35.10	3.85	3.62	0.00
32.55	3.85	3.62	0.00	35.15	3.85	3.62	0.00
32.60	3.85	3.62	0.00	35.20	3.85	3.62	0.00
32.65	3.85	3.62	0.00	35.25	3.85	3.62	0.00
32.70	3.85	3.62	0.00	35.30	3.85	3.62	0.00
32.75	3.85	3.62	0.00	35.35	3.85	3.62	0.00
32.80	3.85	3.62	0.00	35.40	3.85	3.62	0.00
32.85	3.85	3.62	0.00	35.45	3.85	3.62	0.00
32.90	3.85	3.62	0.00	35.50	3.85	3.62	0.00
32.95	3.85	3.62	0.00	35.55	3.85	3.62	0.00
33.00	3.85	3.62	0.00	35.60	3.85	3.62	0.00
33.05	3.85	3.62	0.00	35.65	3.85	3.62	0.00
33.10	3.85	3.62	0.00	35.70	3.85	3.62	0.00
33.15	3.85	3.62	0.00	35.75	3.85	3.62	0.00
33.20	3.85	3.62	0.00	35.80	3.85	3.62	0.00
33.25	3.85	3.62	0.00	35.85	3.85	3.62	0.00
33.30	3.85	3.62	0.00	35.90	3.85	3.62	0.00
33.35	3.85	3.62	0.00	35.95	3.85	3.62	0.00
33.40	3.85	3.62	0.00	36.00	3.85	3.62	0.00
33.45	3.85	3.62	0.00	36.05	3.85	3.62	0.00
33.50	3.85	3.62	0.00	36.10	3.85	3.62	0.00
33.55	3.85	3.62	0.00	36.15	3.85	3.62	0.00
33.60	3.85	3.62	0.00	36.20	3.85	3.62	0.00
33.65	3.85	3.62	0.00	36.25	3.85	3.62	0.00
33.70	3.85	3.62	0.00	36.30	3.85	3.62	0.00
33.75	3.85	3.62	0.00	36.35	3.85	3.62	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	3.62	0.00	39.00	3.85	3.62	0.00
36.45	3.85	3.62	0.00	39.05	3.85	3.62	0.00
36.50	3.85	3.62	0.00	39.10	3.85	3.62	0.00
36.55	3.85	3.62	0.00	39.15	3.85	3.62	0.00
36.60	3.85	3.62	0.00	39.20	3.85	3.62	0.00
36.65	3.85	3.62	0.00	39.25	3.85	3.62	0.00
36.70	3.85	3.62	0.00	39.30	3.85	3.62	0.00
36.75	3.85	3.62	0.00	39.35	3.85	3.62	0.00
36.80	3.85	3.62	0.00	39.40	3.85	3.62	0.00
36.85	3.85	3.62	0.00	39.45	3.85	3.62	0.00
36.90	3.85	3.62	0.00	39.50	3.85	3.62	0.00
36.95	3.85	3.62	0.00	39.55	3.85	3.62	0.00
37.00	3.85	3.62	0.00	39.60	3.85	3.62	0.00
37.05	3.85	3.62	0.00	39.65	3.85	3.62	0.00
37.10	3.85	3.62	0.00	39.70	3.85	3.62	0.00
37.15	3.85	3.62	0.00	39.75	3.85	3.62	0.00
37.20	3.85	3.62	0.00	39.80	3.85	3.62	0.00
37.25	3.85	3.62	0.00	39.85	3.85	3.62	0.00
37.30	3.85	3.62	0.00	39.90	3.85	3.62	0.00
37.35	3.85	3.62	0.00	39.95	3.85	3.62	0.00
37.40	3.85	3.62	0.00	40.00	3.85	3.62	0.00
37.45	3.85	3.62	0.00				
37.50	3.85	3.62	0.00				
37.55	3.85	3.62	0.00				
37.60	3.85	3.62	0.00				
37.65	3.85	3.62	0.00				
37.70	3.85	3.62	0.00				
37.75	3.85	3.62	0.00				
37.80	3.85	3.62	0.00				
37.85	3.85	3.62	0.00				
37.90	3.85	3.62	0.00				
37.95	3.85	3.62	0.00				
38.00	3.85	3.62	0.00				
38.05	3.85	3.62	0.00				
38.10	3.85	3.62	0.00				
38.15	3.85	3.62	0.00				
38.20	3.85	3.62	0.00				
38.25	3.85	3.62	0.00				
38.30	3.85	3.62	0.00				
38.35	3.85	3.62	0.00				
38.40	3.85	3.62	0.00				
38.45	3.85	3.62	0.00				
38.50	3.85	3.62	0.00				
38.55	3.85	3.62	0.00				
38.60	3.85	3.62	0.00				
38.65	3.85	3.62	0.00				
38.70	3.85	3.62	0.00				
38.75	3.85	3.62	0.00				
38.80	3.85	3.62	0.00				
38.85	3.85	3.62	0.00				
38.90	3.85	3.62	0.00				
38.95	3.85	3.62	0.00				

Summary for Subcatchment 47P: PDA-47 (pervious)

Runoff = 2.23 cfs @ 12.27 hrs, Volume= 0.209 af, Depth= 1.49"
 Routed to Pond B-47 : Basin #47

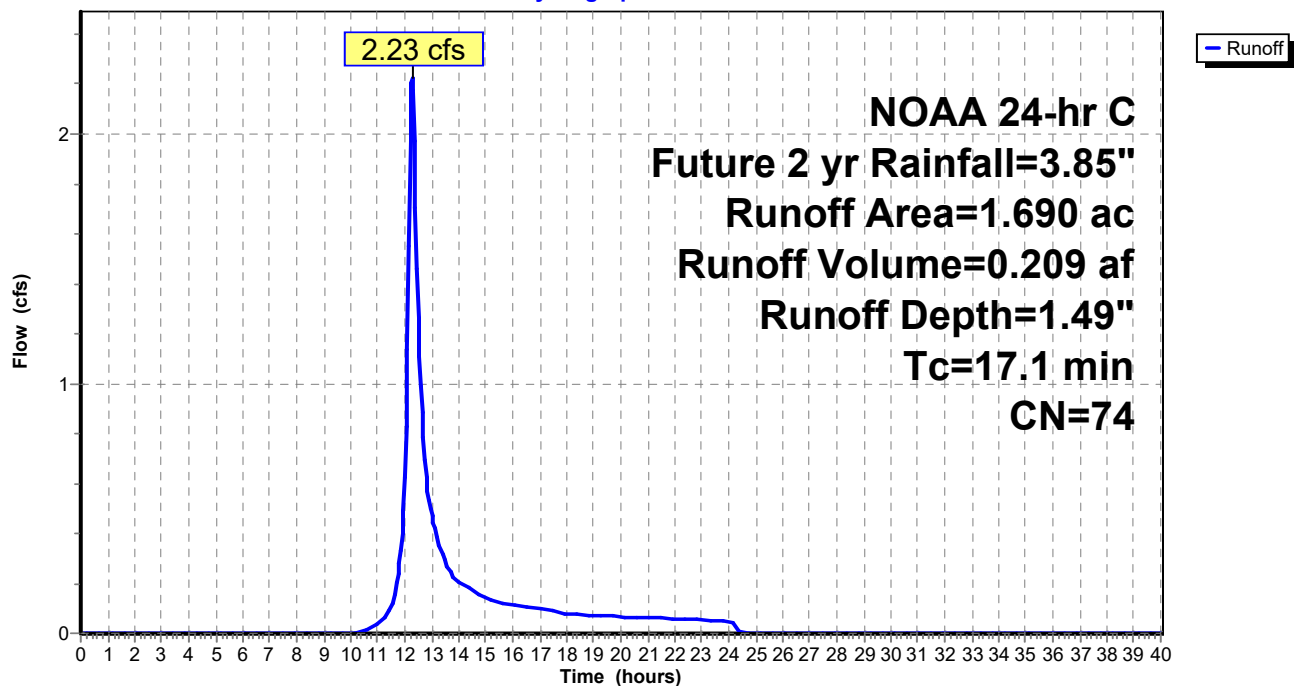
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
1.690	74	>75% Grass cover, Good, HSG C
1.690		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.1					Direct Entry,

Subcatchment 47P: PDA-47 (pervious)

Hydrograph



Hydrograph for Subcatchment 47P: PDA-47 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.86	0.47
10.45	0.78	0.00	0.01	13.05	2.94	0.87	0.44
10.50	0.79	0.00	0.01	13.10	2.96	0.88	0.42
10.55	0.80	0.00	0.01	13.15	2.97	0.89	0.40
10.60	0.82	0.00	0.01	13.20	2.98	0.90	0.38
10.65	0.83	0.00	0.01	13.25	3.00	0.91	0.36
10.70	0.84	0.01	0.02	13.30	3.01	0.92	0.34
10.75	0.85	0.01	0.02	13.35	3.02	0.92	0.33
10.80	0.87	0.01	0.02	13.40	3.03	0.93	0.31
10.85	0.88	0.01	0.02	13.45	3.05	0.94	0.30
10.90	0.89	0.01	0.03	13.50	3.06	0.94	0.29
10.95	0.91	0.01	0.03	13.55	3.07	0.95	0.27
11.00	0.92	0.01	0.04	13.60	3.08	0.96	0.26
11.05	0.94	0.02	0.04	13.65	3.09	0.96	0.25
11.10	0.96	0.02	0.04	13.70	3.09	0.97	0.24
11.15	0.98	0.02	0.05	13.75	3.10	0.97	0.23
11.20	1.00	0.02	0.06	13.80	3.11	0.98	0.22
11.25	1.02	0.03	0.06	13.85	3.12	0.99	0.22
11.30	1.04	0.03	0.07	13.90	3.13	0.99	0.21
11.35	1.06	0.03	0.08	13.95	3.14	1.00	0.21
11.40	1.09	0.04	0.09	14.00	3.15	1.00	0.20
11.45	1.11	0.04	0.10	14.05	3.16	1.01	0.20
11.50	1.14	0.05	0.11	14.10	3.16	1.01	0.20
11.55	1.18	0.06	0.13	14.15	3.17	1.02	0.19
11.60	1.22	0.07	0.14	14.20	3.18	1.02	0.19
11.65	1.26	0.08	0.17	14.25	3.19	1.03	0.19
11.70	1.30	0.09	0.20	14.30	3.20	1.03	0.19
11.75	1.35	0.10	0.24	14.35	3.20	1.04	0.18
11.80	1.41	0.12	0.28	14.40	3.21	1.04	0.18
11.85	1.49	0.14	0.33	14.45	3.22	1.05	0.18
11.90	1.57	0.17	0.40	14.50	3.23	1.05	0.17
11.95	1.70	0.22	0.49	14.55	3.23	1.06	0.17
12.00	1.83	0.28	0.63	14.60	3.24	1.06	0.17
12.05	2.06	0.38	0.83	14.65	3.25	1.07	0.16
12.10	2.28	0.49	1.13	14.70	3.25	1.07	0.16
12.15	2.36	0.53	1.55	14.75	3.26	1.08	0.16
12.20	2.44	0.57	1.97	14.80	3.26	1.08	0.16
12.25	2.50	0.61	2.20	14.85	3.27	1.08	0.15
12.30	2.55	0.64	2.18	14.90	3.28	1.09	0.15
12.35	2.59	0.66	1.98	14.95	3.28	1.09	0.15
12.40	2.63	0.69	1.70	15.00	3.29	1.10	0.14
12.45	2.67	0.71	1.46	15.05	3.29	1.10	0.14
12.50	2.71	0.73	1.26	15.10	3.30	1.10	0.14
12.55	2.74	0.75	1.11	15.15	3.30	1.11	0.13
12.60	2.76	0.76	0.99	15.20	3.31	1.11	0.13
12.65	2.79	0.78	0.88	15.25	3.31	1.11	0.13
12.70	2.81	0.79	0.78	15.30	3.32	1.12	0.13
12.75	2.83	0.80	0.70	15.35	3.32	1.12	0.12
12.80	2.85	0.82	0.63	15.40	3.33	1.12	0.12
12.85	2.87	0.83	0.57	15.45	3.34	1.13	0.12
12.90	2.89	0.84	0.53	15.50	3.34	1.13	0.12
12.95	2.91	0.85	0.50	15.55	3.35	1.13	0.12

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	1.14	0.12	18.20	3.56	1.28	0.08
15.65	3.36	1.14	0.12	18.25	3.56	1.28	0.07
15.70	3.36	1.14	0.12	18.30	3.56	1.28	0.07
15.75	3.36	1.15	0.12	18.35	3.57	1.29	0.07
15.80	3.37	1.15	0.12	18.40	3.57	1.29	0.07
15.85	3.37	1.15	0.11	18.45	3.57	1.29	0.07
15.90	3.38	1.16	0.11	18.50	3.58	1.29	0.07
15.95	3.38	1.16	0.11	18.55	3.58	1.29	0.07
16.00	3.39	1.16	0.11	18.60	3.58	1.30	0.07
16.05	3.39	1.17	0.11	18.65	3.58	1.30	0.07
16.10	3.40	1.17	0.11	18.70	3.59	1.30	0.07
16.15	3.40	1.17	0.11	18.75	3.59	1.30	0.07
16.20	3.41	1.18	0.11	18.80	3.59	1.30	0.07
16.25	3.41	1.18	0.11	18.85	3.60	1.31	0.07
16.30	3.42	1.18	0.11	18.90	3.60	1.31	0.07
16.35	3.42	1.19	0.11	18.95	3.60	1.31	0.07
16.40	3.42	1.19	0.11	19.00	3.61	1.31	0.07
16.45	3.43	1.19	0.10	19.05	3.61	1.32	0.07
16.50	3.43	1.19	0.10	19.10	3.61	1.32	0.07
16.55	3.44	1.20	0.10	19.15	3.61	1.32	0.07
16.60	3.44	1.20	0.10	19.20	3.62	1.32	0.07
16.65	3.45	1.20	0.10	19.25	3.62	1.32	0.07
16.70	3.45	1.21	0.10	19.30	3.62	1.33	0.07
16.75	3.45	1.21	0.10	19.35	3.63	1.33	0.07
16.80	3.46	1.21	0.10	19.40	3.63	1.33	0.07
16.85	3.46	1.21	0.10	19.45	3.63	1.33	0.07
16.90	3.47	1.22	0.10	19.50	3.63	1.33	0.07
16.95	3.47	1.22	0.10	19.55	3.64	1.34	0.07
17.00	3.47	1.22	0.10	19.60	3.64	1.34	0.07
17.05	3.48	1.22	0.10	19.65	3.64	1.34	0.07
17.10	3.48	1.23	0.09	19.70	3.65	1.34	0.07
17.15	3.49	1.23	0.09	19.75	3.65	1.34	0.07
17.20	3.49	1.23	0.09	19.80	3.65	1.34	0.07
17.25	3.49	1.24	0.09	19.85	3.65	1.35	0.07
17.30	3.50	1.24	0.09	19.90	3.66	1.35	0.07
17.35	3.50	1.24	0.09	19.95	3.66	1.35	0.07
17.40	3.50	1.24	0.09	20.00	3.66	1.35	0.07
17.45	3.51	1.25	0.09	20.05	3.66	1.35	0.07
17.50	3.51	1.25	0.09	20.10	3.67	1.36	0.07
17.55	3.52	1.25	0.09	20.15	3.67	1.36	0.07
17.60	3.52	1.25	0.09	20.20	3.67	1.36	0.07
17.65	3.52	1.26	0.08	20.25	3.68	1.36	0.07
17.70	3.53	1.26	0.08	20.30	3.68	1.36	0.07
17.75	3.53	1.26	0.08	20.35	3.68	1.37	0.07
17.80	3.53	1.26	0.08	20.40	3.68	1.37	0.06
17.85	3.54	1.26	0.08	20.45	3.69	1.37	0.06
17.90	3.54	1.27	0.08	20.50	3.69	1.37	0.06
17.95	3.54	1.27	0.08	20.55	3.69	1.37	0.06
18.00	3.54	1.27	0.08	20.60	3.69	1.38	0.06
18.05	3.55	1.27	0.08	20.65	3.70	1.38	0.06
18.10	3.55	1.28	0.08	20.70	3.70	1.38	0.06
18.15	3.55	1.28	0.08	20.75	3.70	1.38	0.06

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	1.38	0.06	23.40	3.82	1.47	0.05
20.85	3.71	1.38	0.06	23.45	3.83	1.47	0.05
20.90	3.71	1.39	0.06	23.50	3.83	1.47	0.05
20.95	3.71	1.39	0.06	23.55	3.83	1.47	0.05
21.00	3.71	1.39	0.06	23.60	3.83	1.47	0.05
21.05	3.72	1.39	0.06	23.65	3.84	1.48	0.05
21.10	3.72	1.39	0.06	23.70	3.84	1.48	0.05
21.15	3.72	1.40	0.06	23.75	3.84	1.48	0.05
21.20	3.72	1.40	0.06	23.80	3.84	1.48	0.05
21.25	3.73	1.40	0.06	23.85	3.84	1.48	0.05
21.30	3.73	1.40	0.06	23.90	3.85	1.48	0.05
21.35	3.73	1.40	0.06	23.95	3.85	1.49	0.05
21.40	3.73	1.40	0.06	24.00	3.85	1.49	0.05
21.45	3.74	1.41	0.06	24.05	3.85	1.49	0.05
21.50	3.74	1.41	0.06	24.10	3.85	1.49	0.05
21.55	3.74	1.41	0.06	24.15	3.85	1.49	0.05
21.60	3.74	1.41	0.06	24.20	3.85	1.49	0.04
21.65	3.75	1.41	0.06	24.25	3.85	1.49	0.03
21.70	3.75	1.41	0.06	24.30	3.85	1.49	0.02
21.75	3.75	1.42	0.06	24.35	3.85	1.49	0.01
21.80	3.75	1.42	0.06	24.40	3.85	1.49	0.01
21.85	3.76	1.42	0.06	24.45	3.85	1.49	0.00
21.90	3.76	1.42	0.06	24.50	3.85	1.49	0.00
21.95	3.76	1.42	0.06	24.55	3.85	1.49	0.00
22.00	3.76	1.42	0.06	24.60	3.85	1.49	0.00
22.05	3.77	1.43	0.06	24.65	3.85	1.49	0.00
22.10	3.77	1.43	0.06	24.70	3.85	1.49	0.00
22.15	3.77	1.43	0.06	24.75	3.85	1.49	0.00
22.20	3.77	1.43	0.06	24.80	3.85	1.49	0.00
22.25	3.77	1.43	0.06	24.85	3.85	1.49	0.00
22.30	3.78	1.43	0.06	24.90	3.85	1.49	0.00
22.35	3.78	1.44	0.06	24.95	3.85	1.49	0.00
22.40	3.78	1.44	0.06	25.00	3.85	1.49	0.00
22.45	3.78	1.44	0.06	25.05	3.85	1.49	0.00
22.50	3.79	1.44	0.06	25.10	3.85	1.49	0.00
22.55	3.79	1.44	0.06	25.15	3.85	1.49	0.00
22.60	3.79	1.44	0.06	25.20	3.85	1.49	0.00
22.65	3.79	1.45	0.06	25.25	3.85	1.49	0.00
22.70	3.79	1.45	0.06	25.30	3.85	1.49	0.00
22.75	3.80	1.45	0.05	25.35	3.85	1.49	0.00
22.80	3.80	1.45	0.05	25.40	3.85	1.49	0.00
22.85	3.80	1.45	0.05	25.45	3.85	1.49	0.00
22.90	3.80	1.45	0.05	25.50	3.85	1.49	0.00
22.95	3.81	1.46	0.05	25.55	3.85	1.49	0.00
23.00	3.81	1.46	0.05	25.60	3.85	1.49	0.00
23.05	3.81	1.46	0.05	25.65	3.85	1.49	0.00
23.10	3.81	1.46	0.05	25.70	3.85	1.49	0.00
23.15	3.81	1.46	0.05	25.75	3.85	1.49	0.00
23.20	3.82	1.46	0.05	25.80	3.85	1.49	0.00
23.25	3.82	1.46	0.05	25.85	3.85	1.49	0.00
23.30	3.82	1.47	0.05	25.90	3.85	1.49	0.00
23.35	3.82	1.47	0.05	25.95	3.85	1.49	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	1.49	0.00	28.60	3.85	1.49	0.00
26.05	3.85	1.49	0.00	28.65	3.85	1.49	0.00
26.10	3.85	1.49	0.00	28.70	3.85	1.49	0.00
26.15	3.85	1.49	0.00	28.75	3.85	1.49	0.00
26.20	3.85	1.49	0.00	28.80	3.85	1.49	0.00
26.25	3.85	1.49	0.00	28.85	3.85	1.49	0.00
26.30	3.85	1.49	0.00	28.90	3.85	1.49	0.00
26.35	3.85	1.49	0.00	28.95	3.85	1.49	0.00
26.40	3.85	1.49	0.00	29.00	3.85	1.49	0.00
26.45	3.85	1.49	0.00	29.05	3.85	1.49	0.00
26.50	3.85	1.49	0.00	29.10	3.85	1.49	0.00
26.55	3.85	1.49	0.00	29.15	3.85	1.49	0.00
26.60	3.85	1.49	0.00	29.20	3.85	1.49	0.00
26.65	3.85	1.49	0.00	29.25	3.85	1.49	0.00
26.70	3.85	1.49	0.00	29.30	3.85	1.49	0.00
26.75	3.85	1.49	0.00	29.35	3.85	1.49	0.00
26.80	3.85	1.49	0.00	29.40	3.85	1.49	0.00
26.85	3.85	1.49	0.00	29.45	3.85	1.49	0.00
26.90	3.85	1.49	0.00	29.50	3.85	1.49	0.00
26.95	3.85	1.49	0.00	29.55	3.85	1.49	0.00
27.00	3.85	1.49	0.00	29.60	3.85	1.49	0.00
27.05	3.85	1.49	0.00	29.65	3.85	1.49	0.00
27.10	3.85	1.49	0.00	29.70	3.85	1.49	0.00
27.15	3.85	1.49	0.00	29.75	3.85	1.49	0.00
27.20	3.85	1.49	0.00	29.80	3.85	1.49	0.00
27.25	3.85	1.49	0.00	29.85	3.85	1.49	0.00
27.30	3.85	1.49	0.00	29.90	3.85	1.49	0.00
27.35	3.85	1.49	0.00	29.95	3.85	1.49	0.00
27.40	3.85	1.49	0.00	30.00	3.85	1.49	0.00
27.45	3.85	1.49	0.00	30.05	3.85	1.49	0.00
27.50	3.85	1.49	0.00	30.10	3.85	1.49	0.00
27.55	3.85	1.49	0.00	30.15	3.85	1.49	0.00
27.60	3.85	1.49	0.00	30.20	3.85	1.49	0.00
27.65	3.85	1.49	0.00	30.25	3.85	1.49	0.00
27.70	3.85	1.49	0.00	30.30	3.85	1.49	0.00
27.75	3.85	1.49	0.00	30.35	3.85	1.49	0.00
27.80	3.85	1.49	0.00	30.40	3.85	1.49	0.00
27.85	3.85	1.49	0.00	30.45	3.85	1.49	0.00
27.90	3.85	1.49	0.00	30.50	3.85	1.49	0.00
27.95	3.85	1.49	0.00	30.55	3.85	1.49	0.00
28.00	3.85	1.49	0.00	30.60	3.85	1.49	0.00
28.05	3.85	1.49	0.00	30.65	3.85	1.49	0.00
28.10	3.85	1.49	0.00	30.70	3.85	1.49	0.00
28.15	3.85	1.49	0.00	30.75	3.85	1.49	0.00
28.20	3.85	1.49	0.00	30.80	3.85	1.49	0.00
28.25	3.85	1.49	0.00	30.85	3.85	1.49	0.00
28.30	3.85	1.49	0.00	30.90	3.85	1.49	0.00
28.35	3.85	1.49	0.00	30.95	3.85	1.49	0.00
28.40	3.85	1.49	0.00	31.00	3.85	1.49	0.00
28.45	3.85	1.49	0.00	31.05	3.85	1.49	0.00
28.50	3.85	1.49	0.00	31.10	3.85	1.49	0.00
28.55	3.85	1.49	0.00	31.15	3.85	1.49	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	1.49	0.00	33.80	3.85	1.49	0.00
31.25	3.85	1.49	0.00	33.85	3.85	1.49	0.00
31.30	3.85	1.49	0.00	33.90	3.85	1.49	0.00
31.35	3.85	1.49	0.00	33.95	3.85	1.49	0.00
31.40	3.85	1.49	0.00	34.00	3.85	1.49	0.00
31.45	3.85	1.49	0.00	34.05	3.85	1.49	0.00
31.50	3.85	1.49	0.00	34.10	3.85	1.49	0.00
31.55	3.85	1.49	0.00	34.15	3.85	1.49	0.00
31.60	3.85	1.49	0.00	34.20	3.85	1.49	0.00
31.65	3.85	1.49	0.00	34.25	3.85	1.49	0.00
31.70	3.85	1.49	0.00	34.30	3.85	1.49	0.00
31.75	3.85	1.49	0.00	34.35	3.85	1.49	0.00
31.80	3.85	1.49	0.00	34.40	3.85	1.49	0.00
31.85	3.85	1.49	0.00	34.45	3.85	1.49	0.00
31.90	3.85	1.49	0.00	34.50	3.85	1.49	0.00
31.95	3.85	1.49	0.00	34.55	3.85	1.49	0.00
32.00	3.85	1.49	0.00	34.60	3.85	1.49	0.00
32.05	3.85	1.49	0.00	34.65	3.85	1.49	0.00
32.10	3.85	1.49	0.00	34.70	3.85	1.49	0.00
32.15	3.85	1.49	0.00	34.75	3.85	1.49	0.00
32.20	3.85	1.49	0.00	34.80	3.85	1.49	0.00
32.25	3.85	1.49	0.00	34.85	3.85	1.49	0.00
32.30	3.85	1.49	0.00	34.90	3.85	1.49	0.00
32.35	3.85	1.49	0.00	34.95	3.85	1.49	0.00
32.40	3.85	1.49	0.00	35.00	3.85	1.49	0.00
32.45	3.85	1.49	0.00	35.05	3.85	1.49	0.00
32.50	3.85	1.49	0.00	35.10	3.85	1.49	0.00
32.55	3.85	1.49	0.00	35.15	3.85	1.49	0.00
32.60	3.85	1.49	0.00	35.20	3.85	1.49	0.00
32.65	3.85	1.49	0.00	35.25	3.85	1.49	0.00
32.70	3.85	1.49	0.00	35.30	3.85	1.49	0.00
32.75	3.85	1.49	0.00	35.35	3.85	1.49	0.00
32.80	3.85	1.49	0.00	35.40	3.85	1.49	0.00
32.85	3.85	1.49	0.00	35.45	3.85	1.49	0.00
32.90	3.85	1.49	0.00	35.50	3.85	1.49	0.00
32.95	3.85	1.49	0.00	35.55	3.85	1.49	0.00
33.00	3.85	1.49	0.00	35.60	3.85	1.49	0.00
33.05	3.85	1.49	0.00	35.65	3.85	1.49	0.00
33.10	3.85	1.49	0.00	35.70	3.85	1.49	0.00
33.15	3.85	1.49	0.00	35.75	3.85	1.49	0.00
33.20	3.85	1.49	0.00	35.80	3.85	1.49	0.00
33.25	3.85	1.49	0.00	35.85	3.85	1.49	0.00
33.30	3.85	1.49	0.00	35.90	3.85	1.49	0.00
33.35	3.85	1.49	0.00	35.95	3.85	1.49	0.00
33.40	3.85	1.49	0.00	36.00	3.85	1.49	0.00
33.45	3.85	1.49	0.00	36.05	3.85	1.49	0.00
33.50	3.85	1.49	0.00	36.10	3.85	1.49	0.00
33.55	3.85	1.49	0.00	36.15	3.85	1.49	0.00
33.60	3.85	1.49	0.00	36.20	3.85	1.49	0.00
33.65	3.85	1.49	0.00	36.25	3.85	1.49	0.00
33.70	3.85	1.49	0.00	36.30	3.85	1.49	0.00
33.75	3.85	1.49	0.00	36.35	3.85	1.49	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	1.49	0.00	39.00	3.85	1.49	0.00
36.45	3.85	1.49	0.00	39.05	3.85	1.49	0.00
36.50	3.85	1.49	0.00	39.10	3.85	1.49	0.00
36.55	3.85	1.49	0.00	39.15	3.85	1.49	0.00
36.60	3.85	1.49	0.00	39.20	3.85	1.49	0.00
36.65	3.85	1.49	0.00	39.25	3.85	1.49	0.00
36.70	3.85	1.49	0.00	39.30	3.85	1.49	0.00
36.75	3.85	1.49	0.00	39.35	3.85	1.49	0.00
36.80	3.85	1.49	0.00	39.40	3.85	1.49	0.00
36.85	3.85	1.49	0.00	39.45	3.85	1.49	0.00
36.90	3.85	1.49	0.00	39.50	3.85	1.49	0.00
36.95	3.85	1.49	0.00	39.55	3.85	1.49	0.00
37.00	3.85	1.49	0.00	39.60	3.85	1.49	0.00
37.05	3.85	1.49	0.00	39.65	3.85	1.49	0.00
37.10	3.85	1.49	0.00	39.70	3.85	1.49	0.00
37.15	3.85	1.49	0.00	39.75	3.85	1.49	0.00
37.20	3.85	1.49	0.00	39.80	3.85	1.49	0.00
37.25	3.85	1.49	0.00	39.85	3.85	1.49	0.00
37.30	3.85	1.49	0.00	39.90	3.85	1.49	0.00
37.35	3.85	1.49	0.00	39.95	3.85	1.49	0.00
37.40	3.85	1.49	0.00	40.00	3.85	1.49	0.00
37.45	3.85	1.49	0.00				
37.50	3.85	1.49	0.00				
37.55	3.85	1.49	0.00				
37.60	3.85	1.49	0.00				
37.65	3.85	1.49	0.00				
37.70	3.85	1.49	0.00				
37.75	3.85	1.49	0.00				
37.80	3.85	1.49	0.00				
37.85	3.85	1.49	0.00				
37.90	3.85	1.49	0.00				
37.95	3.85	1.49	0.00				
38.00	3.85	1.49	0.00				
38.05	3.85	1.49	0.00				
38.10	3.85	1.49	0.00				
38.15	3.85	1.49	0.00				
38.20	3.85	1.49	0.00				
38.25	3.85	1.49	0.00				
38.30	3.85	1.49	0.00				
38.35	3.85	1.49	0.00				
38.40	3.85	1.49	0.00				
38.45	3.85	1.49	0.00				
38.50	3.85	1.49	0.00				
38.55	3.85	1.49	0.00				
38.60	3.85	1.49	0.00				
38.65	3.85	1.49	0.00				
38.70	3.85	1.49	0.00				
38.75	3.85	1.49	0.00				
38.80	3.85	1.49	0.00				
38.85	3.85	1.49	0.00				
38.90	3.85	1.49	0.00				
38.95	3.85	1.49	0.00				

Summary for Subcatchment UPDA-4: PDA-4 (undetained)

Runoff = 2.68 cfs @ 12.84 hrs, Volume= 0.579 af, Depth= 0.60"

Routed to Link PDA-4 : Proposed Drainage Area #4

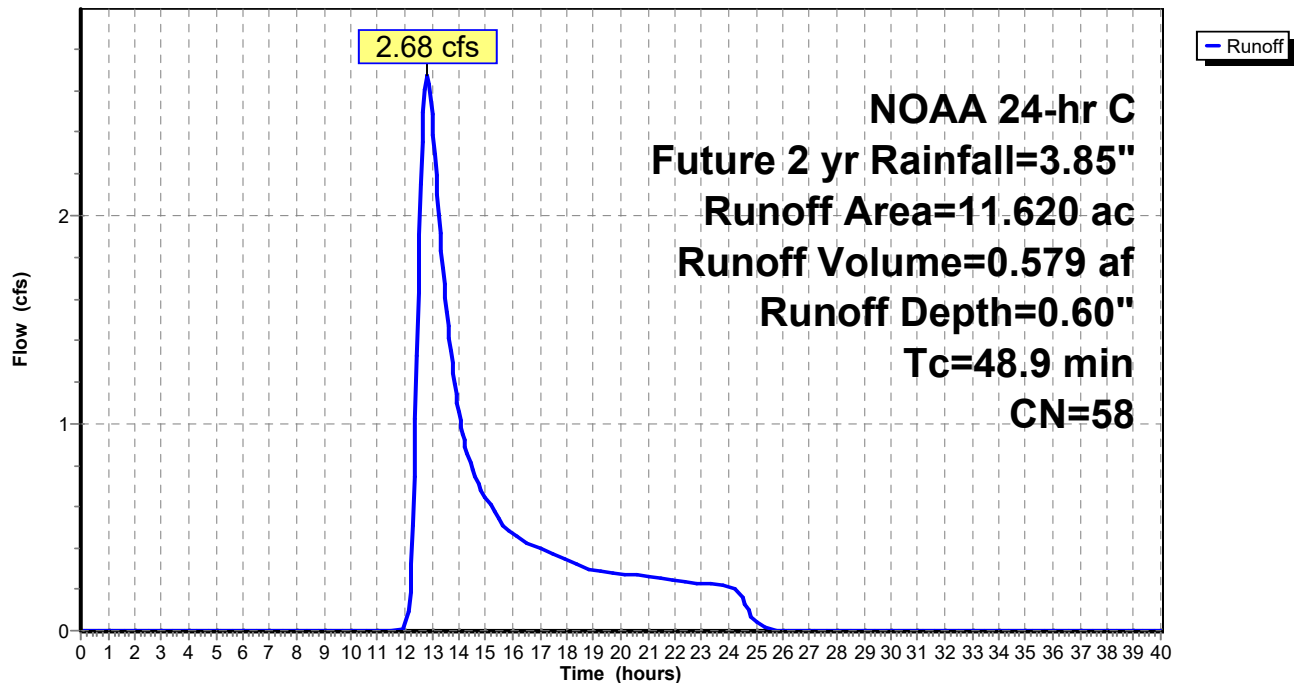
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 2 yr Rainfall=3.85"

Area (ac)	CN	Description
9.300	55	Woods, Good, HSG B
1.740	70	Woods, Good, HSG C
0.580	77	Woods, Good, HSG D
11.620	58	Weighted Average
11.620		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
48.9					Direct Entry,

Subcatchment UPDA-4: PDA-4 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.12	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.12	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.12	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.12	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.13	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.13	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.13	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.13	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.14	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.14	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.14	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.14	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.15	0.00	0.00
0.65	0.03	0.00	0.00	3.25	0.15	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.15	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.15	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.16	0.00	0.00
0.85	0.04	0.00	0.00	3.45	0.16	0.00	0.00
0.90	0.04	0.00	0.00	3.50	0.16	0.00	0.00
0.95	0.04	0.00	0.00	3.55	0.16	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.17	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.17	0.00	0.00
1.10	0.05	0.00	0.00	3.70	0.17	0.00	0.00
1.15	0.05	0.00	0.00	3.75	0.17	0.00	0.00
1.20	0.05	0.00	0.00	3.80	0.18	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.18	0.00	0.00
1.30	0.06	0.00	0.00	3.90	0.18	0.00	0.00
1.35	0.06	0.00	0.00	3.95	0.19	0.00	0.00
1.40	0.06	0.00	0.00	4.00	0.19	0.00	0.00
1.45	0.06	0.00	0.00	4.05	0.19	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.19	0.00	0.00
1.55	0.07	0.00	0.00	4.15	0.20	0.00	0.00
1.60	0.07	0.00	0.00	4.20	0.20	0.00	0.00
1.65	0.07	0.00	0.00	4.25	0.20	0.00	0.00
1.70	0.07	0.00	0.00	4.30	0.20	0.00	0.00
1.75	0.08	0.00	0.00	4.35	0.21	0.00	0.00
1.80	0.08	0.00	0.00	4.40	0.21	0.00	0.00
1.85	0.08	0.00	0.00	4.45	0.21	0.00	0.00
1.90	0.08	0.00	0.00	4.50	0.22	0.00	0.00
1.95	0.08	0.00	0.00	4.55	0.22	0.00	0.00
2.00	0.09	0.00	0.00	4.60	0.22	0.00	0.00
2.05	0.09	0.00	0.00	4.65	0.22	0.00	0.00
2.10	0.09	0.00	0.00	4.70	0.23	0.00	0.00
2.15	0.09	0.00	0.00	4.75	0.23	0.00	0.00
2.20	0.10	0.00	0.00	4.80	0.23	0.00	0.00
2.25	0.10	0.00	0.00	4.85	0.24	0.00	0.00
2.30	0.10	0.00	0.00	4.90	0.24	0.00	0.00
2.35	0.10	0.00	0.00	4.95	0.24	0.00	0.00
2.40	0.11	0.00	0.00	5.00	0.24	0.00	0.00
2.45	0.11	0.00	0.00	5.05	0.25	0.00	0.00
2.50	0.11	0.00	0.00	5.10	0.25	0.00	0.00
2.55	0.11	0.00	0.00	5.15	0.25	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.26	0.00	0.00	7.80	0.44	0.00	0.00
5.25	0.26	0.00	0.00	7.85	0.45	0.00	0.00
5.30	0.26	0.00	0.00	7.90	0.45	0.00	0.00
5.35	0.27	0.00	0.00	7.95	0.46	0.00	0.00
5.40	0.27	0.00	0.00	8.00	0.46	0.00	0.00
5.45	0.27	0.00	0.00	8.05	0.47	0.00	0.00
5.50	0.27	0.00	0.00	8.10	0.47	0.00	0.00
5.55	0.28	0.00	0.00	8.15	0.48	0.00	0.00
5.60	0.28	0.00	0.00	8.20	0.48	0.00	0.00
5.65	0.28	0.00	0.00	8.25	0.49	0.00	0.00
5.70	0.29	0.00	0.00	8.30	0.49	0.00	0.00
5.75	0.29	0.00	0.00	8.35	0.49	0.00	0.00
5.80	0.29	0.00	0.00	8.40	0.50	0.00	0.00
5.85	0.30	0.00	0.00	8.45	0.50	0.00	0.00
5.90	0.30	0.00	0.00	8.50	0.51	0.00	0.00
5.95	0.30	0.00	0.00	8.55	0.51	0.00	0.00
6.00	0.31	0.00	0.00	8.60	0.52	0.00	0.00
6.05	0.31	0.00	0.00	8.65	0.53	0.00	0.00
6.10	0.31	0.00	0.00	8.70	0.53	0.00	0.00
6.15	0.31	0.00	0.00	8.75	0.54	0.00	0.00
6.20	0.32	0.00	0.00	8.80	0.54	0.00	0.00
6.25	0.32	0.00	0.00	8.85	0.55	0.00	0.00
6.30	0.32	0.00	0.00	8.90	0.55	0.00	0.00
6.35	0.33	0.00	0.00	8.95	0.56	0.00	0.00
6.40	0.33	0.00	0.00	9.00	0.56	0.00	0.00
6.45	0.33	0.00	0.00	9.05	0.57	0.00	0.00
6.50	0.34	0.00	0.00	9.10	0.57	0.00	0.00
6.55	0.34	0.00	0.00	9.15	0.58	0.00	0.00
6.60	0.35	0.00	0.00	9.20	0.59	0.00	0.00
6.65	0.35	0.00	0.00	9.25	0.59	0.00	0.00
6.70	0.35	0.00	0.00	9.30	0.60	0.00	0.00
6.75	0.36	0.00	0.00	9.35	0.60	0.00	0.00
6.80	0.36	0.00	0.00	9.40	0.61	0.00	0.00
6.85	0.36	0.00	0.00	9.45	0.62	0.00	0.00
6.90	0.37	0.00	0.00	9.50	0.62	0.00	0.00
6.95	0.37	0.00	0.00	9.55	0.63	0.00	0.00
7.00	0.38	0.00	0.00	9.60	0.64	0.00	0.00
7.05	0.38	0.00	0.00	9.65	0.65	0.00	0.00
7.10	0.38	0.00	0.00	9.70	0.65	0.00	0.00
7.15	0.39	0.00	0.00	9.75	0.66	0.00	0.00
7.20	0.39	0.00	0.00	9.80	0.67	0.00	0.00
7.25	0.40	0.00	0.00	9.85	0.68	0.00	0.00
7.30	0.40	0.00	0.00	9.90	0.69	0.00	0.00
7.35	0.40	0.00	0.00	9.95	0.69	0.00	0.00
7.40	0.41	0.00	0.00	10.00	0.70	0.00	0.00
7.45	0.41	0.00	0.00	10.05	0.71	0.00	0.00
7.50	0.42	0.00	0.00	10.10	0.72	0.00	0.00
7.55	0.42	0.00	0.00	10.15	0.73	0.00	0.00
7.60	0.43	0.00	0.00	10.20	0.74	0.00	0.00
7.65	0.43	0.00	0.00	10.25	0.75	0.00	0.00
7.70	0.43	0.00	0.00	10.30	0.76	0.00	0.00
7.75	0.44	0.00	0.00	10.35	0.76	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.77	0.00	0.00	13.00	2.93	0.25	2.50
10.45	0.78	0.00	0.00	13.05	2.94	0.26	2.39
10.50	0.79	0.00	0.00	13.10	2.96	0.26	2.30
10.55	0.80	0.00	0.00	13.15	2.97	0.26	2.20
10.60	0.82	0.00	0.00	13.20	2.98	0.27	2.10
10.65	0.83	0.00	0.00	13.25	3.00	0.27	2.01
10.70	0.84	0.00	0.00	13.30	3.01	0.28	1.92
10.75	0.85	0.00	0.00	13.35	3.02	0.28	1.83
10.80	0.87	0.00	0.00	13.40	3.03	0.29	1.75
10.85	0.88	0.00	0.00	13.45	3.05	0.29	1.68
10.90	0.89	0.00	0.00	13.50	3.06	0.29	1.60
10.95	0.91	0.00	0.00	13.55	3.07	0.30	1.54
11.00	0.92	0.00	0.00	13.60	3.08	0.30	1.47
11.05	0.94	0.00	0.00	13.65	3.09	0.30	1.41
11.10	0.96	0.00	0.00	13.70	3.09	0.31	1.35
11.15	0.98	0.00	0.00	13.75	3.10	0.31	1.29
11.20	1.00	0.00	0.00	13.80	3.11	0.31	1.24
11.25	1.02	0.00	0.00	13.85	3.12	0.31	1.19
11.30	1.04	0.00	0.00	13.90	3.13	0.32	1.14
11.35	1.06	0.00	0.00	13.95	3.14	0.32	1.10
11.40	1.09	0.00	0.00	14.00	3.15	0.32	1.06
11.45	1.11	0.00	0.00	14.05	3.16	0.33	1.02
11.50	1.14	0.00	0.00	14.10	3.16	0.33	0.98
11.55	1.18	0.00	0.00	14.15	3.17	0.33	0.95
11.60	1.22	0.00	0.00	14.20	3.18	0.33	0.92
11.65	1.26	0.00	0.00	14.25	3.19	0.34	0.89
11.70	1.30	0.00	0.00	14.30	3.20	0.34	0.87
11.75	1.35	0.00	0.00	14.35	3.20	0.34	0.84
11.80	1.41	0.00	0.00	14.40	3.21	0.35	0.82
11.85	1.49	0.00	0.00	14.45	3.22	0.35	0.80
11.90	1.57	0.00	0.00	14.50	3.23	0.35	0.78
11.95	1.70	0.01	0.00	14.55	3.23	0.35	0.77
12.00	1.83	0.02	0.00	14.60	3.24	0.35	0.75
12.05	2.06	0.05	0.01	14.65	3.25	0.36	0.73
12.10	2.28	0.09	0.04	14.70	3.25	0.36	0.72
12.15	2.36	0.10	0.10	14.75	3.26	0.36	0.70
12.20	2.44	0.12	0.19	14.80	3.26	0.36	0.69
12.25	2.50	0.13	0.32	14.85	3.27	0.37	0.68
12.30	2.55	0.15	0.51	14.90	3.28	0.37	0.66
12.35	2.59	0.16	0.75	14.95	3.28	0.37	0.65
12.40	2.63	0.17	1.03	15.00	3.29	0.37	0.64
12.45	2.67	0.18	1.33	15.05	3.29	0.37	0.63
12.50	2.71	0.19	1.63	15.10	3.30	0.38	0.62
12.55	2.74	0.19	1.91	15.15	3.30	0.38	0.61
12.60	2.76	0.20	2.15	15.20	3.31	0.38	0.60
12.65	2.79	0.21	2.36	15.25	3.31	0.38	0.58
12.70	2.81	0.22	2.50	15.30	3.32	0.38	0.57
12.75	2.83	0.22	2.61	15.35	3.32	0.39	0.56
12.80	2.85	0.23	2.67	15.40	3.33	0.39	0.55
12.85	2.87	0.23	2.68	15.45	3.34	0.39	0.54
12.90	2.89	0.24	2.65	15.50	3.34	0.39	0.53
12.95	2.91	0.25	2.58	15.55	3.35	0.39	0.52

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	3.35	0.40	0.51	18.20	3.56	0.48	0.33
15.65	3.36	0.40	0.51	18.25	3.56	0.48	0.33
15.70	3.36	0.40	0.50	18.30	3.56	0.48	0.32
15.75	3.36	0.40	0.49	18.35	3.57	0.48	0.32
15.80	3.37	0.40	0.49	18.40	3.57	0.48	0.32
15.85	3.37	0.40	0.48	18.45	3.57	0.48	0.31
15.90	3.38	0.41	0.47	18.50	3.58	0.48	0.31
15.95	3.38	0.41	0.47	18.55	3.58	0.48	0.31
16.00	3.39	0.41	0.46	18.60	3.58	0.49	0.31
16.05	3.39	0.41	0.46	18.65	3.58	0.49	0.30
16.10	3.40	0.41	0.46	18.70	3.59	0.49	0.30
16.15	3.40	0.42	0.45	18.75	3.59	0.49	0.30
16.20	3.41	0.42	0.45	18.80	3.59	0.49	0.30
16.25	3.41	0.42	0.45	18.85	3.60	0.49	0.30
16.30	3.42	0.42	0.44	18.90	3.60	0.49	0.29
16.35	3.42	0.42	0.44	18.95	3.60	0.49	0.29
16.40	3.42	0.42	0.44	19.00	3.61	0.49	0.29
16.45	3.43	0.43	0.43	19.05	3.61	0.50	0.29
16.50	3.43	0.43	0.43	19.10	3.61	0.50	0.29
16.55	3.44	0.43	0.43	19.15	3.61	0.50	0.29
16.60	3.44	0.43	0.42	19.20	3.62	0.50	0.29
16.65	3.45	0.43	0.42	19.25	3.62	0.50	0.29
16.70	3.45	0.43	0.42	19.30	3.62	0.50	0.29
16.75	3.45	0.44	0.41	19.35	3.63	0.50	0.28
16.80	3.46	0.44	0.41	19.40	3.63	0.50	0.28
16.85	3.46	0.44	0.41	19.45	3.63	0.51	0.28
16.90	3.47	0.44	0.41	19.50	3.63	0.51	0.28
16.95	3.47	0.44	0.40	19.55	3.64	0.51	0.28
17.00	3.47	0.44	0.40	19.60	3.64	0.51	0.28
17.05	3.48	0.44	0.40	19.65	3.64	0.51	0.28
17.10	3.48	0.45	0.39	19.70	3.65	0.51	0.28
17.15	3.49	0.45	0.39	19.75	3.65	0.51	0.28
17.20	3.49	0.45	0.39	19.80	3.65	0.51	0.28
17.25	3.49	0.45	0.39	19.85	3.65	0.51	0.28
17.30	3.50	0.45	0.38	19.90	3.66	0.52	0.28
17.35	3.50	0.45	0.38	19.95	3.66	0.52	0.28
17.40	3.50	0.45	0.38	20.00	3.66	0.52	0.27
17.45	3.51	0.46	0.37	20.05	3.66	0.52	0.27
17.50	3.51	0.46	0.37	20.10	3.67	0.52	0.27
17.55	3.52	0.46	0.37	20.15	3.67	0.52	0.27
17.60	3.52	0.46	0.37	20.20	3.67	0.52	0.27
17.65	3.52	0.46	0.36	20.25	3.68	0.52	0.27
17.70	3.53	0.46	0.36	20.30	3.68	0.52	0.27
17.75	3.53	0.46	0.36	20.35	3.68	0.53	0.27
17.80	3.53	0.47	0.35	20.40	3.68	0.53	0.27
17.85	3.54	0.47	0.35	20.45	3.69	0.53	0.27
17.90	3.54	0.47	0.35	20.50	3.69	0.53	0.27
17.95	3.54	0.47	0.34	20.55	3.69	0.53	0.27
18.00	3.54	0.47	0.34	20.60	3.69	0.53	0.27
18.05	3.55	0.47	0.34	20.65	3.70	0.53	0.27
18.10	3.55	0.47	0.33	20.70	3.70	0.53	0.26
18.15	3.55	0.47	0.33	20.75	3.70	0.53	0.26

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.70	0.54	0.26	23.40	3.82	0.59	0.22
20.85	3.71	0.54	0.26	23.45	3.83	0.59	0.22
20.90	3.71	0.54	0.26	23.50	3.83	0.59	0.22
20.95	3.71	0.54	0.26	23.55	3.83	0.59	0.22
21.00	3.71	0.54	0.26	23.60	3.83	0.59	0.22
21.05	3.72	0.54	0.26	23.65	3.84	0.59	0.22
21.10	3.72	0.54	0.26	23.70	3.84	0.59	0.22
21.15	3.72	0.54	0.26	23.75	3.84	0.59	0.22
21.20	3.72	0.54	0.26	23.80	3.84	0.59	0.22
21.25	3.73	0.55	0.26	23.85	3.84	0.60	0.22
21.30	3.73	0.55	0.26	23.90	3.85	0.60	0.21
21.35	3.73	0.55	0.26	23.95	3.85	0.60	0.21
21.40	3.73	0.55	0.25	24.00	3.85	0.60	0.21
21.45	3.74	0.55	0.25	24.05	3.85	0.60	0.21
21.50	3.74	0.55	0.25	24.10	3.85	0.60	0.21
21.55	3.74	0.55	0.25	24.15	3.85	0.60	0.21
21.60	3.74	0.55	0.25	24.20	3.85	0.60	0.21
21.65	3.75	0.55	0.25	24.25	3.85	0.60	0.21
21.70	3.75	0.55	0.25	24.30	3.85	0.60	0.20
21.75	3.75	0.56	0.25	24.35	3.85	0.60	0.20
21.80	3.75	0.56	0.25	24.40	3.85	0.60	0.19
21.85	3.76	0.56	0.25	24.45	3.85	0.60	0.18
21.90	3.76	0.56	0.25	24.50	3.85	0.60	0.16
21.95	3.76	0.56	0.25	24.55	3.85	0.60	0.15
22.00	3.76	0.56	0.25	24.60	3.85	0.60	0.14
22.05	3.77	0.56	0.24	24.65	3.85	0.60	0.12
22.10	3.77	0.56	0.24	24.70	3.85	0.60	0.11
22.15	3.77	0.56	0.24	24.75	3.85	0.60	0.09
22.20	3.77	0.56	0.24	24.80	3.85	0.60	0.08
22.25	3.77	0.57	0.24	24.85	3.85	0.60	0.07
22.30	3.78	0.57	0.24	24.90	3.85	0.60	0.06
22.35	3.78	0.57	0.24	24.95	3.85	0.60	0.05
22.40	3.78	0.57	0.24	25.00	3.85	0.60	0.04
22.45	3.78	0.57	0.24	25.05	3.85	0.60	0.04
22.50	3.79	0.57	0.24	25.10	3.85	0.60	0.03
22.55	3.79	0.57	0.24	25.15	3.85	0.60	0.03
22.60	3.79	0.57	0.24	25.20	3.85	0.60	0.02
22.65	3.79	0.57	0.24	25.25	3.85	0.60	0.02
22.70	3.79	0.57	0.23	25.30	3.85	0.60	0.02
22.75	3.80	0.58	0.23	25.35	3.85	0.60	0.02
22.80	3.80	0.58	0.23	25.40	3.85	0.60	0.01
22.85	3.80	0.58	0.23	25.45	3.85	0.60	0.01
22.90	3.80	0.58	0.23	25.50	3.85	0.60	0.01
22.95	3.81	0.58	0.23	25.55	3.85	0.60	0.01
23.00	3.81	0.58	0.23	25.60	3.85	0.60	0.01
23.05	3.81	0.58	0.23	25.65	3.85	0.60	0.01
23.10	3.81	0.58	0.23	25.70	3.85	0.60	0.01
23.15	3.81	0.58	0.23	25.75	3.85	0.60	0.00
23.20	3.82	0.58	0.23	25.80	3.85	0.60	0.00
23.25	3.82	0.58	0.23	25.85	3.85	0.60	0.00
23.30	3.82	0.59	0.22	25.90	3.85	0.60	0.00
23.35	3.82	0.59	0.22	25.95	3.85	0.60	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.85	0.60	0.00	28.60	3.85	0.60	0.00
26.05	3.85	0.60	0.00	28.65	3.85	0.60	0.00
26.10	3.85	0.60	0.00	28.70	3.85	0.60	0.00
26.15	3.85	0.60	0.00	28.75	3.85	0.60	0.00
26.20	3.85	0.60	0.00	28.80	3.85	0.60	0.00
26.25	3.85	0.60	0.00	28.85	3.85	0.60	0.00
26.30	3.85	0.60	0.00	28.90	3.85	0.60	0.00
26.35	3.85	0.60	0.00	28.95	3.85	0.60	0.00
26.40	3.85	0.60	0.00	29.00	3.85	0.60	0.00
26.45	3.85	0.60	0.00	29.05	3.85	0.60	0.00
26.50	3.85	0.60	0.00	29.10	3.85	0.60	0.00
26.55	3.85	0.60	0.00	29.15	3.85	0.60	0.00
26.60	3.85	0.60	0.00	29.20	3.85	0.60	0.00
26.65	3.85	0.60	0.00	29.25	3.85	0.60	0.00
26.70	3.85	0.60	0.00	29.30	3.85	0.60	0.00
26.75	3.85	0.60	0.00	29.35	3.85	0.60	0.00
26.80	3.85	0.60	0.00	29.40	3.85	0.60	0.00
26.85	3.85	0.60	0.00	29.45	3.85	0.60	0.00
26.90	3.85	0.60	0.00	29.50	3.85	0.60	0.00
26.95	3.85	0.60	0.00	29.55	3.85	0.60	0.00
27.00	3.85	0.60	0.00	29.60	3.85	0.60	0.00
27.05	3.85	0.60	0.00	29.65	3.85	0.60	0.00
27.10	3.85	0.60	0.00	29.70	3.85	0.60	0.00
27.15	3.85	0.60	0.00	29.75	3.85	0.60	0.00
27.20	3.85	0.60	0.00	29.80	3.85	0.60	0.00
27.25	3.85	0.60	0.00	29.85	3.85	0.60	0.00
27.30	3.85	0.60	0.00	29.90	3.85	0.60	0.00
27.35	3.85	0.60	0.00	29.95	3.85	0.60	0.00
27.40	3.85	0.60	0.00	30.00	3.85	0.60	0.00
27.45	3.85	0.60	0.00	30.05	3.85	0.60	0.00
27.50	3.85	0.60	0.00	30.10	3.85	0.60	0.00
27.55	3.85	0.60	0.00	30.15	3.85	0.60	0.00
27.60	3.85	0.60	0.00	30.20	3.85	0.60	0.00
27.65	3.85	0.60	0.00	30.25	3.85	0.60	0.00
27.70	3.85	0.60	0.00	30.30	3.85	0.60	0.00
27.75	3.85	0.60	0.00	30.35	3.85	0.60	0.00
27.80	3.85	0.60	0.00	30.40	3.85	0.60	0.00
27.85	3.85	0.60	0.00	30.45	3.85	0.60	0.00
27.90	3.85	0.60	0.00	30.50	3.85	0.60	0.00
27.95	3.85	0.60	0.00	30.55	3.85	0.60	0.00
28.00	3.85	0.60	0.00	30.60	3.85	0.60	0.00
28.05	3.85	0.60	0.00	30.65	3.85	0.60	0.00
28.10	3.85	0.60	0.00	30.70	3.85	0.60	0.00
28.15	3.85	0.60	0.00	30.75	3.85	0.60	0.00
28.20	3.85	0.60	0.00	30.80	3.85	0.60	0.00
28.25	3.85	0.60	0.00	30.85	3.85	0.60	0.00
28.30	3.85	0.60	0.00	30.90	3.85	0.60	0.00
28.35	3.85	0.60	0.00	30.95	3.85	0.60	0.00
28.40	3.85	0.60	0.00	31.00	3.85	0.60	0.00
28.45	3.85	0.60	0.00	31.05	3.85	0.60	0.00
28.50	3.85	0.60	0.00	31.10	3.85	0.60	0.00
28.55	3.85	0.60	0.00	31.15	3.85	0.60	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.85	0.60	0.00	33.80	3.85	0.60	0.00
31.25	3.85	0.60	0.00	33.85	3.85	0.60	0.00
31.30	3.85	0.60	0.00	33.90	3.85	0.60	0.00
31.35	3.85	0.60	0.00	33.95	3.85	0.60	0.00
31.40	3.85	0.60	0.00	34.00	3.85	0.60	0.00
31.45	3.85	0.60	0.00	34.05	3.85	0.60	0.00
31.50	3.85	0.60	0.00	34.10	3.85	0.60	0.00
31.55	3.85	0.60	0.00	34.15	3.85	0.60	0.00
31.60	3.85	0.60	0.00	34.20	3.85	0.60	0.00
31.65	3.85	0.60	0.00	34.25	3.85	0.60	0.00
31.70	3.85	0.60	0.00	34.30	3.85	0.60	0.00
31.75	3.85	0.60	0.00	34.35	3.85	0.60	0.00
31.80	3.85	0.60	0.00	34.40	3.85	0.60	0.00
31.85	3.85	0.60	0.00	34.45	3.85	0.60	0.00
31.90	3.85	0.60	0.00	34.50	3.85	0.60	0.00
31.95	3.85	0.60	0.00	34.55	3.85	0.60	0.00
32.00	3.85	0.60	0.00	34.60	3.85	0.60	0.00
32.05	3.85	0.60	0.00	34.65	3.85	0.60	0.00
32.10	3.85	0.60	0.00	34.70	3.85	0.60	0.00
32.15	3.85	0.60	0.00	34.75	3.85	0.60	0.00
32.20	3.85	0.60	0.00	34.80	3.85	0.60	0.00
32.25	3.85	0.60	0.00	34.85	3.85	0.60	0.00
32.30	3.85	0.60	0.00	34.90	3.85	0.60	0.00
32.35	3.85	0.60	0.00	34.95	3.85	0.60	0.00
32.40	3.85	0.60	0.00	35.00	3.85	0.60	0.00
32.45	3.85	0.60	0.00	35.05	3.85	0.60	0.00
32.50	3.85	0.60	0.00	35.10	3.85	0.60	0.00
32.55	3.85	0.60	0.00	35.15	3.85	0.60	0.00
32.60	3.85	0.60	0.00	35.20	3.85	0.60	0.00
32.65	3.85	0.60	0.00	35.25	3.85	0.60	0.00
32.70	3.85	0.60	0.00	35.30	3.85	0.60	0.00
32.75	3.85	0.60	0.00	35.35	3.85	0.60	0.00
32.80	3.85	0.60	0.00	35.40	3.85	0.60	0.00
32.85	3.85	0.60	0.00	35.45	3.85	0.60	0.00
32.90	3.85	0.60	0.00	35.50	3.85	0.60	0.00
32.95	3.85	0.60	0.00	35.55	3.85	0.60	0.00
33.00	3.85	0.60	0.00	35.60	3.85	0.60	0.00
33.05	3.85	0.60	0.00	35.65	3.85	0.60	0.00
33.10	3.85	0.60	0.00	35.70	3.85	0.60	0.00
33.15	3.85	0.60	0.00	35.75	3.85	0.60	0.00
33.20	3.85	0.60	0.00	35.80	3.85	0.60	0.00
33.25	3.85	0.60	0.00	35.85	3.85	0.60	0.00
33.30	3.85	0.60	0.00	35.90	3.85	0.60	0.00
33.35	3.85	0.60	0.00	35.95	3.85	0.60	0.00
33.40	3.85	0.60	0.00	36.00	3.85	0.60	0.00
33.45	3.85	0.60	0.00	36.05	3.85	0.60	0.00
33.50	3.85	0.60	0.00	36.10	3.85	0.60	0.00
33.55	3.85	0.60	0.00	36.15	3.85	0.60	0.00
33.60	3.85	0.60	0.00	36.20	3.85	0.60	0.00
33.65	3.85	0.60	0.00	36.25	3.85	0.60	0.00
33.70	3.85	0.60	0.00	36.30	3.85	0.60	0.00
33.75	3.85	0.60	0.00	36.35	3.85	0.60	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.85	0.60	0.00	39.00	3.85	0.60	0.00
36.45	3.85	0.60	0.00	39.05	3.85	0.60	0.00
36.50	3.85	0.60	0.00	39.10	3.85	0.60	0.00
36.55	3.85	0.60	0.00	39.15	3.85	0.60	0.00
36.60	3.85	0.60	0.00	39.20	3.85	0.60	0.00
36.65	3.85	0.60	0.00	39.25	3.85	0.60	0.00
36.70	3.85	0.60	0.00	39.30	3.85	0.60	0.00
36.75	3.85	0.60	0.00	39.35	3.85	0.60	0.00
36.80	3.85	0.60	0.00	39.40	3.85	0.60	0.00
36.85	3.85	0.60	0.00	39.45	3.85	0.60	0.00
36.90	3.85	0.60	0.00	39.50	3.85	0.60	0.00
36.95	3.85	0.60	0.00	39.55	3.85	0.60	0.00
37.00	3.85	0.60	0.00	39.60	3.85	0.60	0.00
37.05	3.85	0.60	0.00	39.65	3.85	0.60	0.00
37.10	3.85	0.60	0.00	39.70	3.85	0.60	0.00
37.15	3.85	0.60	0.00	39.75	3.85	0.60	0.00
37.20	3.85	0.60	0.00	39.80	3.85	0.60	0.00
37.25	3.85	0.60	0.00	39.85	3.85	0.60	0.00
37.30	3.85	0.60	0.00	39.90	3.85	0.60	0.00
37.35	3.85	0.60	0.00	39.95	3.85	0.60	0.00
37.40	3.85	0.60	0.00	40.00	3.85	0.60	0.00
37.45	3.85	0.60	0.00				
37.50	3.85	0.60	0.00				
37.55	3.85	0.60	0.00				
37.60	3.85	0.60	0.00				
37.65	3.85	0.60	0.00				
37.70	3.85	0.60	0.00				
37.75	3.85	0.60	0.00				
37.80	3.85	0.60	0.00				
37.85	3.85	0.60	0.00				
37.90	3.85	0.60	0.00				
37.95	3.85	0.60	0.00				
38.00	3.85	0.60	0.00				
38.05	3.85	0.60	0.00				
38.10	3.85	0.60	0.00				
38.15	3.85	0.60	0.00				
38.20	3.85	0.60	0.00				
38.25	3.85	0.60	0.00				
38.30	3.85	0.60	0.00				
38.35	3.85	0.60	0.00				
38.40	3.85	0.60	0.00				
38.45	3.85	0.60	0.00				
38.50	3.85	0.60	0.00				
38.55	3.85	0.60	0.00				
38.60	3.85	0.60	0.00				
38.65	3.85	0.60	0.00				
38.70	3.85	0.60	0.00				
38.75	3.85	0.60	0.00				
38.80	3.85	0.60	0.00				
38.85	3.85	0.60	0.00				
38.90	3.85	0.60	0.00				
38.95	3.85	0.60	0.00				

Summary for Pond B-41: Basin #41

Inflow Area = 2.368 ac, 29.05% Impervious, Inflow Depth = 2.11" for Future 2 yr event
 Inflow = 6.45 cfs @ 12.08 hrs, Volume= 0.415 af
 Outflow = 2.40 cfs @ 12.22 hrs, Volume= 0.346 af, Atten= 63%, Lag= 8.5 min
 Primary = 2.40 cfs @ 12.22 hrs, Volume= 0.346 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.24' @ 12.22 hrs Surf.Area= 5,683 sf Storage= 7,020 cf

Plug-Flow detention time= 164.2 min calculated for 0.346 af (83% of inflow)
 Center-of-Mass det. time= 89.9 min (891.0 - 801.0)

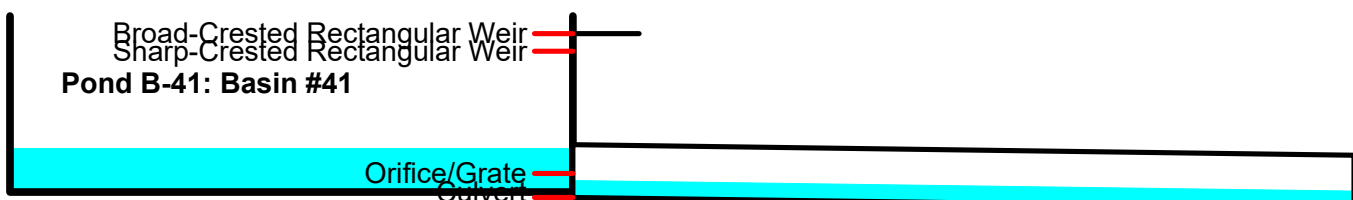
Volume	Invert	Avail.Storage	Storage Description
#1	182.00'	28,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
182.00	5,683	0	0
183.00	5,683	5,683	5,683
184.00	5,683	5,683	11,366
185.00	5,683	5,683	17,049
186.00	5,683	5,683	22,732
187.00	5,683	5,683	28,415

Device	Routing	Invert	Outlet Devices
#1	Primary	181.85'	18.0" Round Culvert L= 59.0' Ke= 0.500 Inlet / Outlet Invert= 181.85' / 181.55' S= 0.0051 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	182.53'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

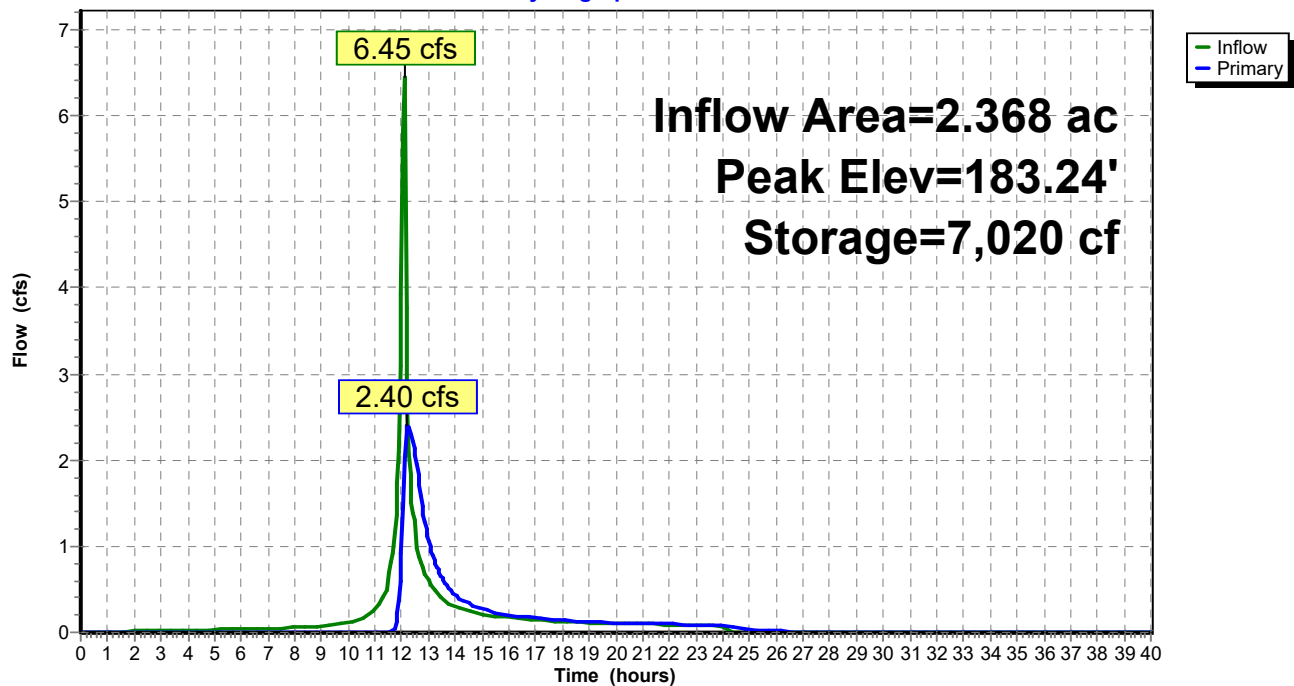
Primary OutFlow Max=2.39 cfs @ 12.22 hrs HW=183.23' (Free Discharge)

1=Culvert (Passes 2.39 cfs of 5.46 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 2.39 cfs @ 3.19 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-41: Basin #41

Hydrograph



Hydrograph for Pond B-41: Basin #41

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	182.00	0.00
0.10	0.00	0	182.00	0.00
0.20	0.00	0	182.00	0.00
0.30	0.00	0	182.00	0.00
0.40	0.00	0	182.00	0.00
0.50	0.00	0	182.00	0.00
0.60	0.00	0	182.00	0.00
0.70	0.00	0	182.00	0.00
0.80	0.00	0	182.00	0.00
0.90	0.00	0	182.00	0.00
1.00	0.00	0	182.00	0.00
1.10	0.00	0	182.00	0.00
1.20	0.00	1	182.00	0.00
1.30	0.00	2	182.00	0.00
1.40	0.00	3	182.00	0.00
1.50	0.01	5	182.00	0.00
1.60	0.01	7	182.00	0.00
1.70	0.01	9	182.00	0.00
1.80	0.01	12	182.00	0.00
1.90	0.01	15	182.00	0.00
2.00	0.01	19	182.00	0.00
2.10	0.01	23	182.00	0.00
2.20	0.01	27	182.00	0.00
2.30	0.01	32	182.01	0.00
2.40	0.01	36	182.01	0.00
2.50	0.01	41	182.01	0.00
2.60	0.02	47	182.01	0.00
2.70	0.02	53	182.01	0.00
2.80	0.02	58	182.01	0.00
2.90	0.02	65	182.01	0.00
3.00	0.02	71	182.01	0.00
3.10	0.02	78	182.01	0.00
3.20	0.02	85	182.01	0.00
3.30	0.02	92	182.02	0.00
3.40	0.02	100	182.02	0.00
3.50	0.02	107	182.02	0.00
3.60	0.02	115	182.02	0.00
3.70	0.02	123	182.02	0.00
3.80	0.02	132	182.02	0.00
3.90	0.02	140	182.02	0.00
4.00	0.02	149	182.03	0.00
4.10	0.03	158	182.03	0.00
4.20	0.03	167	182.03	0.00
4.30	0.03	177	182.03	0.00
4.40	0.03	186	182.03	0.00
4.50	0.03	196	182.03	0.00
4.60	0.03	206	182.04	0.00
4.70	0.03	216	182.04	0.00
4.80	0.03	227	182.04	0.00
4.90	0.03	237	182.04	0.00
5.00	0.03	248	182.04	0.00
5.10	0.03	259	182.05	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	270	182.05	0.00
5.30	0.03	281	182.05	0.00
5.40	0.03	293	182.05	0.00
5.50	0.03	304	182.05	0.00
5.60	0.03	316	182.06	0.00
5.70	0.03	328	182.06	0.00
5.80	0.03	340	182.06	0.00
5.90	0.03	352	182.06	0.00
6.00	0.03	365	182.06	0.00
6.10	0.04	377	182.07	0.00
6.20	0.04	390	182.07	0.00
6.30	0.04	404	182.07	0.00
6.40	0.04	417	182.07	0.00
6.50	0.04	432	182.08	0.00
6.60	0.04	446	182.08	0.00
6.70	0.04	461	182.08	0.00
6.80	0.04	477	182.08	0.00
6.90	0.04	493	182.09	0.00
7.00	0.05	509	182.09	0.00
7.10	0.05	526	182.09	0.00
7.20	0.05	543	182.10	0.00
7.30	0.05	560	182.10	0.00
7.40	0.05	578	182.10	0.00
7.50	0.05	596	182.10	0.00
7.60	0.05	615	182.11	0.00
7.70	0.05	634	182.11	0.00
7.80	0.05	654	182.11	0.00
7.90	0.06	673	182.12	0.00
8.00	0.06	694	182.12	0.00
8.10	0.06	715	182.13	0.00
8.20	0.06	736	182.13	0.00
8.30	0.06	757	182.13	0.00
8.40	0.06	779	182.14	0.00
8.50	0.06	802	182.14	0.00
8.60	0.06	825	182.15	0.00
8.70	0.07	848	182.15	0.00
8.80	0.07	872	182.15	0.00
8.90	0.07	896	182.16	0.00
9.00	0.07	920	182.16	0.00
9.10	0.07	946	182.17	0.00
9.20	0.08	972	182.17	0.00
9.30	0.08	1,000	182.18	0.00
9.40	0.08	1,030	182.18	0.00
9.50	0.09	1,061	182.19	0.00
9.60	0.09	1,093	182.19	0.00
9.70	0.10	1,127	182.20	0.00
9.80	0.10	1,162	182.20	0.00
9.90	0.10	1,199	182.21	0.00
10.00	0.11	1,237	182.22	0.00
10.10	0.11	1,277	182.22	0.00
10.20	0.12	1,319	182.23	0.00
10.30	0.13	1,364	182.24	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,412	182.25	0.00
10.50	0.14	1,463	182.26	0.00
10.60	0.16	1,518	182.27	0.00
10.70	0.19	1,581	182.28	0.00
10.80	0.21	1,653	182.29	0.00
10.90	0.23	1,733	182.30	0.00
11.00	0.26	1,822	182.32	0.00
11.10	0.31	1,925	182.34	0.00
11.20	0.36	2,044	182.36	0.00
11.30	0.41	2,182	182.38	0.00
11.40	0.46	2,339	182.41	0.00
11.50	0.53	2,517	182.44	0.00
11.60	0.82	2,764	182.49	0.00
11.70	0.95	3,080	182.54	0.01
11.80	1.36	3,478	182.61	0.12
11.90	2.09	4,019	182.71	0.36
12.00	3.93	4,896	182.86	0.92
12.10	6.27	6,334	183.11	2.03
12.20	2.69	7,001	183.23	2.39
12.30	1.84	6,923	183.22	2.35
12.40	1.39	6,660	183.17	2.22
12.50	1.27	6,370	183.12	2.05
12.60	0.88	6,037	183.06	1.84
12.70	0.80	5,721	183.01	1.58
12.80	0.74	5,466	182.96	1.37
12.90	0.67	5,257	182.93	1.20
13.00	0.60	5,078	182.89	1.06
13.10	0.53	4,921	182.87	0.94
13.20	0.50	4,786	182.84	0.84
13.30	0.46	4,668	182.82	0.76
13.40	0.42	4,565	182.80	0.69
13.50	0.38	4,471	182.79	0.63
13.60	0.35	4,385	182.77	0.57
13.70	0.34	4,310	182.76	0.53
13.80	0.33	4,246	182.75	0.49
13.90	0.32	4,192	182.74	0.46
14.00	0.31	4,144	182.73	0.43
14.10	0.30	4,102	182.72	0.41
14.20	0.29	4,064	182.72	0.39
14.30	0.28	4,030	182.71	0.37
14.40	0.27	3,999	182.70	0.35
14.50	0.26	3,970	182.70	0.33
14.60	0.25	3,943	182.69	0.32
14.70	0.24	3,917	182.69	0.31
14.80	0.23	3,891	182.68	0.30
14.90	0.22	3,867	182.68	0.28
15.00	0.21	3,842	182.68	0.27
15.10	0.20	3,819	182.67	0.26
15.20	0.19	3,797	182.67	0.25
15.30	0.19	3,778	182.66	0.24
15.40	0.19	3,761	182.66	0.23
15.50	0.19	3,746	182.66	0.23

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.18	3,733	182.66	0.22
15.70	0.18	3,721	182.65	0.21
15.80	0.18	3,710	182.65	0.21
15.90	0.18	3,699	182.65	0.20
16.00	0.17	3,690	182.65	0.20
16.10	0.17	3,681	182.65	0.20
16.20	0.17	3,672	182.65	0.19
16.30	0.16	3,663	182.64	0.19
16.40	0.16	3,655	182.64	0.18
16.50	0.16	3,647	182.64	0.18
16.60	0.16	3,639	182.64	0.18
16.70	0.15	3,631	182.64	0.18
16.80	0.15	3,623	182.64	0.17
16.90	0.15	3,616	182.64	0.17
17.00	0.15	3,608	182.63	0.17
17.10	0.14	3,601	182.63	0.16
17.20	0.14	3,593	182.63	0.16
17.30	0.14	3,586	182.63	0.16
17.40	0.14	3,579	182.63	0.16
17.50	0.13	3,571	182.63	0.15
17.60	0.13	3,564	182.63	0.15
17.70	0.13	3,557	182.63	0.15
17.80	0.12	3,550	182.62	0.14
17.90	0.12	3,542	182.62	0.14
18.00	0.12	3,535	182.62	0.14
18.10	0.12	3,528	182.62	0.14
18.20	0.12	3,521	182.62	0.13
18.30	0.11	3,515	182.62	0.13
18.40	0.11	3,510	182.62	0.13
18.50	0.11	3,505	182.62	0.13
18.60	0.11	3,500	182.62	0.12
18.70	0.11	3,496	182.62	0.12
18.80	0.11	3,492	182.61	0.12
18.90	0.11	3,489	182.61	0.12
19.00	0.11	3,485	182.61	0.12
19.10	0.11	3,482	182.61	0.12
19.20	0.11	3,479	182.61	0.12
19.30	0.11	3,477	182.61	0.12
19.40	0.11	3,474	182.61	0.11
19.50	0.11	3,471	182.61	0.11
19.60	0.11	3,469	182.61	0.11
19.70	0.11	3,467	182.61	0.11
19.80	0.11	3,465	182.61	0.11
19.90	0.10	3,462	182.61	0.11
20.00	0.10	3,460	182.61	0.11
20.10	0.10	3,458	182.61	0.11
20.20	0.10	3,456	182.61	0.11
20.30	0.10	3,454	182.61	0.11
20.40	0.10	3,452	182.61	0.11
20.50	0.10	3,450	182.61	0.10
20.60	0.10	3,448	182.61	0.10
20.70	0.10	3,447	182.61	0.10

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	3,445	182.61	0.10
20.90	0.10	3,443	182.61	0.10
21.00	0.10	3,441	182.61	0.10
21.10	0.10	3,439	182.61	0.10
21.20	0.09	3,437	182.60	0.10
21.30	0.09	3,436	182.60	0.10
21.40	0.09	3,434	182.60	0.10
21.50	0.09	3,432	182.60	0.10
21.60	0.09	3,430	182.60	0.10
21.70	0.09	3,428	182.60	0.10
21.80	0.09	3,427	182.60	0.10
21.90	0.09	3,425	182.60	0.10
22.00	0.09	3,423	182.60	0.09
22.10	0.09	3,421	182.60	0.09
22.20	0.09	3,419	182.60	0.09
22.30	0.09	3,418	182.60	0.09
22.40	0.09	3,416	182.60	0.09
22.50	0.09	3,414	182.60	0.09
22.60	0.09	3,412	182.60	0.09
22.70	0.08	3,411	182.60	0.09
22.80	0.08	3,409	182.60	0.09
22.90	0.08	3,407	182.60	0.09
23.00	0.08	3,405	182.60	0.09
23.10	0.08	3,403	182.60	0.09
23.20	0.08	3,401	182.60	0.09
23.30	0.08	3,399	182.60	0.09
23.40	0.08	3,396	182.60	0.09
23.50	0.08	3,394	182.60	0.09
23.60	0.08	3,392	182.60	0.08
23.70	0.08	3,390	182.60	0.08
23.80	0.08	3,387	182.60	0.08
23.90	0.08	3,385	182.60	0.08
24.00	0.08	3,386	182.60	0.08
24.10	0.00	3,368	182.59	0.08
24.20	0.00	3,342	182.59	0.07
24.30	0.00	3,318	182.58	0.06
24.40	0.00	3,295	182.58	0.06
24.50	0.00	3,275	182.58	0.05
24.60	0.00	3,257	182.57	0.05
24.70	0.00	3,240	182.57	0.04
24.80	0.00	3,225	182.57	0.04
24.90	0.00	3,211	182.57	0.04
25.00	0.00	3,199	182.56	0.03
25.10	0.00	3,188	182.56	0.03
25.20	0.00	3,177	182.56	0.03
25.30	0.00	3,168	182.56	0.02
25.40	0.00	3,159	182.56	0.02
25.50	0.00	3,152	182.55	0.02
25.60	0.00	3,144	182.55	0.02
25.70	0.00	3,138	182.55	0.02
25.80	0.00	3,132	182.55	0.02
25.90	0.00	3,127	182.55	0.01

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,122	182.55	0.01
26.10	0.00	3,117	182.55	0.01
26.20	0.00	3,113	182.55	0.01
26.30	0.00	3,109	182.55	0.01
26.40	0.00	3,105	182.55	0.01
26.50	0.00	3,101	182.55	0.01
26.60	0.00	3,097	182.54	0.01
26.70	0.00	3,093	182.54	0.01
26.80	0.00	3,090	182.54	0.01
26.90	0.00	3,087	182.54	0.01
27.00	0.00	3,084	182.54	0.01
27.10	0.00	3,081	182.54	0.01
27.20	0.00	3,078	182.54	0.01
27.30	0.00	3,075	182.54	0.01
27.40	0.00	3,072	182.54	0.01
27.50	0.00	3,070	182.54	0.01
27.60	0.00	3,067	182.54	0.01
27.70	0.00	3,065	182.54	0.01
27.80	0.00	3,063	182.54	0.01
27.90	0.00	3,061	182.54	0.01
28.00	0.00	3,058	182.54	0.01
28.10	0.00	3,057	182.54	0.01
28.20	0.00	3,055	182.54	0.01
28.30	0.00	3,053	182.54	0.00
28.40	0.00	3,051	182.54	0.00
28.50	0.00	3,049	182.54	0.00
28.60	0.00	3,048	182.54	0.00
28.70	0.00	3,046	182.54	0.00
28.80	0.00	3,045	182.54	0.00
28.90	0.00	3,044	182.54	0.00
29.00	0.00	3,042	182.54	0.00
29.10	0.00	3,041	182.54	0.00
29.20	0.00	3,040	182.53	0.00
29.30	0.00	3,039	182.53	0.00
29.40	0.00	3,037	182.53	0.00
29.50	0.00	3,036	182.53	0.00
29.60	0.00	3,035	182.53	0.00
29.70	0.00	3,034	182.53	0.00
29.80	0.00	3,033	182.53	0.00
29.90	0.00	3,032	182.53	0.00
30.00	0.00	3,032	182.53	0.00
30.10	0.00	3,031	182.53	0.00
30.20	0.00	3,030	182.53	0.00
30.30	0.00	3,029	182.53	0.00
30.40	0.00	3,028	182.53	0.00
30.50	0.00	3,028	182.53	0.00
30.60	0.00	3,027	182.53	0.00
30.70	0.00	3,026	182.53	0.00
30.80	0.00	3,026	182.53	0.00
30.90	0.00	3,025	182.53	0.00
31.00	0.00	3,025	182.53	0.00
31.10	0.00	3,024	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,024	182.53	0.00
31.30	0.00	3,023	182.53	0.00
31.40	0.00	3,023	182.53	0.00
31.50	0.00	3,022	182.53	0.00
31.60	0.00	3,022	182.53	0.00
31.70	0.00	3,021	182.53	0.00
31.80	0.00	3,021	182.53	0.00
31.90	0.00	3,021	182.53	0.00
32.00	0.00	3,020	182.53	0.00
32.10	0.00	3,020	182.53	0.00
32.20	0.00	3,020	182.53	0.00
32.30	0.00	3,019	182.53	0.00
32.40	0.00	3,019	182.53	0.00
32.50	0.00	3,019	182.53	0.00
32.60	0.00	3,018	182.53	0.00
32.70	0.00	3,018	182.53	0.00
32.80	0.00	3,018	182.53	0.00
32.90	0.00	3,018	182.53	0.00
33.00	0.00	3,017	182.53	0.00
33.10	0.00	3,017	182.53	0.00
33.20	0.00	3,017	182.53	0.00
33.30	0.00	3,017	182.53	0.00
33.40	0.00	3,017	182.53	0.00
33.50	0.00	3,016	182.53	0.00
33.60	0.00	3,016	182.53	0.00
33.70	0.00	3,016	182.53	0.00
33.80	0.00	3,016	182.53	0.00
33.90	0.00	3,016	182.53	0.00
34.00	0.00	3,015	182.53	0.00
34.10	0.00	3,015	182.53	0.00
34.20	0.00	3,015	182.53	0.00
34.30	0.00	3,015	182.53	0.00
34.40	0.00	3,015	182.53	0.00
34.50	0.00	3,015	182.53	0.00
34.60	0.00	3,015	182.53	0.00
34.70	0.00	3,015	182.53	0.00
34.80	0.00	3,014	182.53	0.00
34.90	0.00	3,014	182.53	0.00
35.00	0.00	3,014	182.53	0.00
35.10	0.00	3,014	182.53	0.00
35.20	0.00	3,014	182.53	0.00
35.30	0.00	3,014	182.53	0.00
35.40	0.00	3,014	182.53	0.00
35.50	0.00	3,014	182.53	0.00
35.60	0.00	3,014	182.53	0.00
35.70	0.00	3,014	182.53	0.00
35.80	0.00	3,014	182.53	0.00
35.90	0.00	3,014	182.53	0.00
36.00	0.00	3,013	182.53	0.00
36.10	0.00	3,013	182.53	0.00
36.20	0.00	3,013	182.53	0.00
36.30	0.00	3,013	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,013	182.53	0.00
36.50	0.00	3,013	182.53	0.00
36.60	0.00	3,013	182.53	0.00
36.70	0.00	3,013	182.53	0.00
36.80	0.00	3,013	182.53	0.00
36.90	0.00	3,013	182.53	0.00
37.00	0.00	3,013	182.53	0.00
37.10	0.00	3,013	182.53	0.00
37.20	0.00	3,013	182.53	0.00
37.30	0.00	3,013	182.53	0.00
37.40	0.00	3,013	182.53	0.00
37.50	0.00	3,013	182.53	0.00
37.60	0.00	3,013	182.53	0.00
37.70	0.00	3,013	182.53	0.00
37.80	0.00	3,013	182.53	0.00
37.90	0.00	3,013	182.53	0.00
38.00	0.00	3,013	182.53	0.00
38.10	0.00	3,013	182.53	0.00
38.20	0.00	3,013	182.53	0.00
38.30	0.00	3,013	182.53	0.00
38.40	0.00	3,013	182.53	0.00
38.50	0.00	3,012	182.53	0.00
38.60	0.00	3,012	182.53	0.00
38.70	0.00	3,012	182.53	0.00
38.80	0.00	3,012	182.53	0.00
38.90	0.00	3,012	182.53	0.00
39.00	0.00	3,012	182.53	0.00
39.10	0.00	3,012	182.53	0.00
39.20	0.00	3,012	182.53	0.00
39.30	0.00	3,012	182.53	0.00
39.40	0.00	3,012	182.53	0.00
39.50	0.00	3,012	182.53	0.00
39.60	0.00	3,012	182.53	0.00
39.70	0.00	3,012	182.53	0.00
39.80	0.00	3,012	182.53	0.00
39.90	0.00	3,012	182.53	0.00
40.00	0.00	3,012	182.53	0.00

Stage-Discharge for Pond B-41: Basin #41

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.00	0.00	182.52	0.00	183.04	1.75	183.56	3.18
182.01	0.00	182.53	0.00	183.05	1.79	183.57	3.20
182.02	0.00	182.54	0.00	183.06	1.83	183.58	3.22
182.03	0.00	182.55	0.01	183.07	1.87	183.59	3.24
182.04	0.00	182.56	0.03	183.08	1.91	183.60	3.26
182.05	0.00	182.57	0.04	183.09	1.95	183.61	3.28
182.06	0.00	182.58	0.05	183.10	1.98	183.62	3.30
182.07	0.00	182.59	0.07	183.11	2.02	183.63	3.32
182.08	0.00	182.60	0.09	183.12	2.05	183.64	3.34
182.09	0.00	182.61	0.11	183.13	2.09	183.65	3.36
182.10	0.00	182.62	0.13	183.14	2.12	183.66	3.38
182.11	0.00	182.63	0.15	183.15	2.15	183.67	3.40
182.12	0.00	182.64	0.18	183.16	2.18	183.68	3.41
182.13	0.00	182.65	0.20	183.17	2.21	183.69	3.43
182.14	0.00	182.66	0.23	183.18	2.24	183.70	3.45
182.15	0.00	182.67	0.25	183.19	2.27	183.71	3.47
182.16	0.00	182.68	0.28	183.20	2.30	183.72	3.49
182.17	0.00	182.69	0.31	183.21	2.33	183.73	3.51
182.18	0.00	182.70	0.34	183.22	2.36	183.74	3.53
182.19	0.00	182.71	0.37	183.23	2.39	183.75	3.55
182.20	0.00	182.72	0.40	183.24	2.42	183.76	3.57
182.21	0.00	182.73	0.43	183.25	2.44	183.77	3.58
182.22	0.00	182.74	0.46	183.26	2.47	183.78	3.60
182.23	0.00	182.75	0.50	183.27	2.50	183.79	3.62
182.24	0.00	182.76	0.53	183.28	2.53	183.80	3.64
182.25	0.00	182.77	0.57	183.29	2.55	183.81	3.66
182.26	0.00	182.78	0.60	183.30	2.58	183.82	3.67
182.27	0.00	182.79	0.64	183.31	2.60	183.83	3.69
182.28	0.00	182.80	0.68	183.32	2.63	183.84	3.71
182.29	0.00	182.81	0.71	183.33	2.65	183.85	3.73
182.30	0.00	182.82	0.75	183.34	2.68	183.86	3.74
182.31	0.00	182.83	0.79	183.35	2.70	183.87	3.76
182.32	0.00	182.84	0.83	183.36	2.73	183.88	3.78
182.33	0.00	182.85	0.87	183.37	2.75	183.89	3.80
182.34	0.00	182.86	0.91	183.38	2.78	183.90	3.81
182.35	0.00	182.87	0.95	183.39	2.80	183.91	3.83
182.36	0.00	182.88	1.00	183.40	2.82	183.92	3.85
182.37	0.00	182.89	1.04	183.41	2.85	183.93	3.86
182.38	0.00	182.90	1.08	183.42	2.87	183.94	3.88
182.39	0.00	182.91	1.13	183.43	2.89	183.95	3.90
182.40	0.00	182.92	1.17	183.44	2.92	183.96	3.92
182.41	0.00	182.93	1.22	183.45	2.94	183.97	3.93
182.42	0.00	182.94	1.26	183.46	2.96	183.98	3.95
182.43	0.00	182.95	1.31	183.47	2.98	183.99	3.97
182.44	0.00	182.96	1.36	183.48	3.00	184.00	3.98
182.45	0.00	182.97	1.41	183.49	3.03	184.01	4.00
182.46	0.00	182.98	1.45	183.50	3.05	184.02	4.01
182.47	0.00	182.99	1.50	183.51	3.07	184.03	4.03
182.48	0.00	183.00	1.55	183.52	3.09	184.04	4.05
182.49	0.00	183.01	1.60	183.53	3.11	184.05	4.06
182.50	0.00	183.02	1.65	183.54	3.13	184.06	4.08
182.51	0.00	183.03	1.70	183.55	3.15	184.07	4.10

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.08	4.11	184.60	4.87	185.12	5.52	185.64	6.11
184.09	4.13	184.61	4.88	185.13	5.53	185.65	6.12
184.10	4.14	184.62	4.89	185.14	5.55	185.66	6.13
184.11	4.16	184.63	4.91	185.15	5.56	185.67	6.14
184.12	4.17	184.64	4.92	185.16	5.57	185.68	6.15
184.13	4.19	184.65	4.93	185.17	5.58	185.69	6.16
184.14	4.21	184.66	4.95	185.18	5.59	185.70	6.17
184.15	4.22	184.67	4.96	185.19	5.60	185.71	6.18
184.16	4.24	184.68	4.97	185.20	5.62	185.72	6.19
184.17	4.25	184.69	4.99	185.21	5.63	185.73	6.20
184.18	4.27	184.70	5.00	185.22	5.64	185.74	6.21
184.19	4.28	184.71	5.01	185.23	5.65	185.75	6.22
184.20	4.30	184.72	5.03	185.24	5.66	185.76	6.23
184.21	4.31	184.73	5.04	185.25	5.67	185.77	6.24
184.22	4.33	184.74	5.05	185.26	5.68	185.78	6.25
184.23	4.34	184.75	5.07	185.27	5.70	185.79	6.26
184.24	4.36	184.76	5.08	185.28	5.71	185.80	6.27
184.25	4.37	184.77	5.09	185.29	5.72	185.81	6.28
184.26	4.39	184.78	5.10	185.30	5.73	185.82	6.29
184.27	4.40	184.79	5.12	185.31	5.74	185.83	6.30
184.28	4.42	184.80	5.13	185.32	5.75	185.84	6.32
184.29	4.43	184.81	5.14	185.33	5.76	185.85	6.33
184.30	4.45	184.82	5.15	185.34	5.78	185.86	6.34
184.31	4.46	184.83	5.17	185.35	5.79	185.87	6.35
184.32	4.48	184.84	5.18	185.36	5.80	185.88	6.36
184.33	4.49	184.85	5.19	185.37	5.81	185.89	6.37
184.34	4.51	184.86	5.21	185.38	5.82	185.90	6.38
184.35	4.52	184.87	5.22	185.39	5.83	185.91	6.39
184.36	4.53	184.88	5.23	185.40	5.84	185.92	6.40
184.37	4.55	184.89	5.24	185.41	5.85	185.93	6.41
184.38	4.56	184.90	5.25	185.42	5.87	185.94	6.42
184.39	4.58	184.91	5.27	185.43	5.88	185.95	6.43
184.40	4.59	184.92	5.28	185.44	5.89	185.96	6.44
184.41	4.61	184.93	5.29	185.45	5.90	185.97	6.45
184.42	4.62	184.94	5.30	185.46	5.91	185.98	6.46
184.43	4.63	184.95	5.32	185.47	5.92	185.99	6.47
184.44	4.65	184.96	5.33	185.48	5.93	186.00	6.48
184.45	4.66	184.97	5.34	185.49	5.94	186.01	6.50
184.46	4.68	184.98	5.35	185.50	5.95	186.02	6.54
184.47	4.69	184.99	5.37	185.51	5.96	186.03	6.58
184.48	4.70	185.00	5.38	185.52	5.98	186.04	6.62
184.49	4.72	185.01	5.39	185.53	5.99	186.05	6.67
184.50	4.73	185.02	5.40	185.54	6.00	186.06	6.73
184.51	4.75	185.03	5.41	185.55	6.01	186.07	6.79
184.52	4.76	185.04	5.43	185.56	6.02	186.08	6.85
184.53	4.77	185.05	5.44	185.57	6.03	186.09	6.92
184.54	4.79	185.06	5.45	185.58	6.04	186.10	6.99
184.55	4.80	185.07	5.46	185.59	6.05	186.11	7.06
184.56	4.81	185.08	5.47	185.60	6.06	186.12	7.14
184.57	4.83	185.09	5.49	185.61	6.07	186.13	7.22
184.58	4.84	185.10	5.50	185.62	6.08	186.14	7.30
184.59	4.85	185.11	5.51	185.63	6.09	186.15	7.38

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.16	7.47	186.68	23.23
186.17	7.56	186.69	24.16
186.18	7.65	186.70	25.11
186.19	7.74	186.71	26.12
186.20	7.84	186.72	27.15
186.21	7.93	186.73	28.22
186.22	8.03	186.74	29.31
186.23	8.13	186.75	30.42
186.24	8.24	186.76	31.57
186.25	8.34	186.77	32.74
186.26	8.45	186.78	33.93
186.27	8.56	186.79	35.15
186.28	8.67	186.80	36.39
186.29	8.78	186.81	37.66
186.30	8.89	186.82	38.96
186.31	9.01	186.83	40.28
186.32	9.12	186.84	41.62
186.33	9.24	186.85	43.00
186.34	9.36	186.86	44.35
186.35	9.48	186.87	45.62
186.36	9.61	186.88	46.91
186.37	9.73	186.89	48.22
186.38	9.86	186.90	49.56
186.39	9.98	186.91	50.95
186.40	10.11	186.92	52.36
186.41	10.24	186.93	53.80
186.42	10.37	186.94	55.27
186.43	10.51	186.95	56.76
186.44	10.64	186.96	58.28
186.45	10.78	186.97	59.82
186.46	10.91	186.98	61.39
186.47	11.05	186.99	62.99
186.48	11.19	187.00	64.62
186.49	11.33		
186.50	11.47		
186.51	11.73		
186.52	12.09		
186.53	12.51		
186.54	12.99		
186.55	13.51		
186.56	14.07		
186.57	14.67		
186.58	15.31		
186.59	15.97		
186.60	16.67		
186.61	17.40		
186.62	18.15		
186.63	18.94		
186.64	19.75		
186.65	20.58		
186.66	21.44		
186.67	22.32		

Stage-Area-Storage for Pond B-41: Basin #41

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.00	5,683	0	182.52	5,683	2,955
182.01	5,683	57	182.53	5,683	3,012
182.02	5,683	114	182.54	5,683	3,069
182.03	5,683	170	182.55	5,683	3,126
182.04	5,683	227	182.56	5,683	3,182
182.05	5,683	284	182.57	5,683	3,239
182.06	5,683	341	182.58	5,683	3,296
182.07	5,683	398	182.59	5,683	3,353
182.08	5,683	455	182.60	5,683	3,410
182.09	5,683	511	182.61	5,683	3,467
182.10	5,683	568	182.62	5,683	3,523
182.11	5,683	625	182.63	5,683	3,580
182.12	5,683	682	182.64	5,683	3,637
182.13	5,683	739	182.65	5,683	3,694
182.14	5,683	796	182.66	5,683	3,751
182.15	5,683	852	182.67	5,683	3,808
182.16	5,683	909	182.68	5,683	3,864
182.17	5,683	966	182.69	5,683	3,921
182.18	5,683	1,023	182.70	5,683	3,978
182.19	5,683	1,080	182.71	5,683	4,035
182.20	5,683	1,137	182.72	5,683	4,092
182.21	5,683	1,193	182.73	5,683	4,149
182.22	5,683	1,250	182.74	5,683	4,205
182.23	5,683	1,307	182.75	5,683	4,262
182.24	5,683	1,364	182.76	5,683	4,319
182.25	5,683	1,421	182.77	5,683	4,376
182.26	5,683	1,478	182.78	5,683	4,433
182.27	5,683	1,534	182.79	5,683	4,490
182.28	5,683	1,591	182.80	5,683	4,546
182.29	5,683	1,648	182.81	5,683	4,603
182.30	5,683	1,705	182.82	5,683	4,660
182.31	5,683	1,762	182.83	5,683	4,717
182.32	5,683	1,819	182.84	5,683	4,774
182.33	5,683	1,875	182.85	5,683	4,831
182.34	5,683	1,932	182.86	5,683	4,887
182.35	5,683	1,989	182.87	5,683	4,944
182.36	5,683	2,046	182.88	5,683	5,001
182.37	5,683	2,103	182.89	5,683	5,058
182.38	5,683	2,160	182.90	5,683	5,115
182.39	5,683	2,216	182.91	5,683	5,172
182.40	5,683	2,273	182.92	5,683	5,228
182.41	5,683	2,330	182.93	5,683	5,285
182.42	5,683	2,387	182.94	5,683	5,342
182.43	5,683	2,444	182.95	5,683	5,399
182.44	5,683	2,501	182.96	5,683	5,456
182.45	5,683	2,557	182.97	5,683	5,513
182.46	5,683	2,614	182.98	5,683	5,569
182.47	5,683	2,671	182.99	5,683	5,626
182.48	5,683	2,728	183.00	5,683	5,683
182.49	5,683	2,785	183.01	5,683	5,740
182.50	5,683	2,842	183.02	5,683	5,797
182.51	5,683	2,898	183.03	5,683	5,853

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.04	5,683	5,910	183.56	5,683	8,865
183.05	5,683	5,967	183.57	5,683	8,922
183.06	5,683	6,024	183.58	5,683	8,979
183.07	5,683	6,081	183.59	5,683	9,036
183.08	5,683	6,138	183.60	5,683	9,093
183.09	5,683	6,194	183.61	5,683	9,150
183.10	5,683	6,251	183.62	5,683	9,206
183.11	5,683	6,308	183.63	5,683	9,263
183.12	5,683	6,365	183.64	5,683	9,320
183.13	5,683	6,422	183.65	5,683	9,377
183.14	5,683	6,479	183.66	5,683	9,434
183.15	5,683	6,535	183.67	5,683	9,491
183.16	5,683	6,592	183.68	5,683	9,547
183.17	5,683	6,649	183.69	5,683	9,604
183.18	5,683	6,706	183.70	5,683	9,661
183.19	5,683	6,763	183.71	5,683	9,718
183.20	5,683	6,820	183.72	5,683	9,775
183.21	5,683	6,876	183.73	5,683	9,832
183.22	5,683	6,933	183.74	5,683	9,888
183.23	5,683	6,990	183.75	5,683	9,945
183.24	5,683	7,047	183.76	5,683	10,002
183.25	5,683	7,104	183.77	5,683	10,059
183.26	5,683	7,161	183.78	5,683	10,116
183.27	5,683	7,217	183.79	5,683	10,173
183.28	5,683	7,274	183.80	5,683	10,229
183.29	5,683	7,331	183.81	5,683	10,286
183.30	5,683	7,388	183.82	5,683	10,343
183.31	5,683	7,445	183.83	5,683	10,400
183.32	5,683	7,502	183.84	5,683	10,457
183.33	5,683	7,558	183.85	5,683	10,514
183.34	5,683	7,615	183.86	5,683	10,570
183.35	5,683	7,672	183.87	5,683	10,627
183.36	5,683	7,729	183.88	5,683	10,684
183.37	5,683	7,786	183.89	5,683	10,741
183.38	5,683	7,843	183.90	5,683	10,798
183.39	5,683	7,899	183.91	5,683	10,855
183.40	5,683	7,956	183.92	5,683	10,911
183.41	5,683	8,013	183.93	5,683	10,968
183.42	5,683	8,070	183.94	5,683	11,025
183.43	5,683	8,127	183.95	5,683	11,082
183.44	5,683	8,184	183.96	5,683	11,139
183.45	5,683	8,240	183.97	5,683	11,196
183.46	5,683	8,297	183.98	5,683	11,252
183.47	5,683	8,354	183.99	5,683	11,309
183.48	5,683	8,411	184.00	5,683	11,366
183.49	5,683	8,468	184.01	5,683	11,423
183.50	5,683	8,525	184.02	5,683	11,480
183.51	5,683	8,581	184.03	5,683	11,536
183.52	5,683	8,638	184.04	5,683	11,593
183.53	5,683	8,695	184.05	5,683	11,650
183.54	5,683	8,752	184.06	5,683	11,707
183.55	5,683	8,809	184.07	5,683	11,764

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.08	5,683	11,821	184.60	5,683	14,776
184.09	5,683	11,877	184.61	5,683	14,833
184.10	5,683	11,934	184.62	5,683	14,889
184.11	5,683	11,991	184.63	5,683	14,946
184.12	5,683	12,048	184.64	5,683	15,003
184.13	5,683	12,105	184.65	5,683	15,060
184.14	5,683	12,162	184.66	5,683	15,117
184.15	5,683	12,218	184.67	5,683	15,174
184.16	5,683	12,275	184.68	5,683	15,230
184.17	5,683	12,332	184.69	5,683	15,287
184.18	5,683	12,389	184.70	5,683	15,344
184.19	5,683	12,446	184.71	5,683	15,401
184.20	5,683	12,503	184.72	5,683	15,458
184.21	5,683	12,559	184.73	5,683	15,515
184.22	5,683	12,616	184.74	5,683	15,571
184.23	5,683	12,673	184.75	5,683	15,628
184.24	5,683	12,730	184.76	5,683	15,685
184.25	5,683	12,787	184.77	5,683	15,742
184.26	5,683	12,844	184.78	5,683	15,799
184.27	5,683	12,900	184.79	5,683	15,856
184.28	5,683	12,957	184.80	5,683	15,912
184.29	5,683	13,014	184.81	5,683	15,969
184.30	5,683	13,071	184.82	5,683	16,026
184.31	5,683	13,128	184.83	5,683	16,083
184.32	5,683	13,185	184.84	5,683	16,140
184.33	5,683	13,241	184.85	5,683	16,197
184.34	5,683	13,298	184.86	5,683	16,253
184.35	5,683	13,355	184.87	5,683	16,310
184.36	5,683	13,412	184.88	5,683	16,367
184.37	5,683	13,469	184.89	5,683	16,424
184.38	5,683	13,526	184.90	5,683	16,481
184.39	5,683	13,582	184.91	5,683	16,538
184.40	5,683	13,639	184.92	5,683	16,594
184.41	5,683	13,696	184.93	5,683	16,651
184.42	5,683	13,753	184.94	5,683	16,708
184.43	5,683	13,810	184.95	5,683	16,765
184.44	5,683	13,867	184.96	5,683	16,822
184.45	5,683	13,923	184.97	5,683	16,879
184.46	5,683	13,980	184.98	5,683	16,935
184.47	5,683	14,037	184.99	5,683	16,992
184.48	5,683	14,094	185.00	5,683	17,049
184.49	5,683	14,151	185.01	5,683	17,106
184.50	5,683	14,208	185.02	5,683	17,163
184.51	5,683	14,264	185.03	5,683	17,219
184.52	5,683	14,321	185.04	5,683	17,276
184.53	5,683	14,378	185.05	5,683	17,333
184.54	5,683	14,435	185.06	5,683	17,390
184.55	5,683	14,492	185.07	5,683	17,447
184.56	5,683	14,548	185.08	5,683	17,504
184.57	5,683	14,605	185.09	5,683	17,560
184.58	5,683	14,662	185.10	5,683	17,617
184.59	5,683	14,719	185.11	5,683	17,674

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.12	5,683	17,731	185.64	5,683	20,686
185.13	5,683	17,788	185.65	5,683	20,743
185.14	5,683	17,845	185.66	5,683	20,800
185.15	5,683	17,901	185.67	5,683	20,857
185.16	5,683	17,958	185.68	5,683	20,913
185.17	5,683	18,015	185.69	5,683	20,970
185.18	5,683	18,072	185.70	5,683	21,027
185.19	5,683	18,129	185.71	5,683	21,084
185.20	5,683	18,186	185.72	5,683	21,141
185.21	5,683	18,242	185.73	5,683	21,198
185.22	5,683	18,299	185.74	5,683	21,254
185.23	5,683	18,356	185.75	5,683	21,311
185.24	5,683	18,413	185.76	5,683	21,368
185.25	5,683	18,470	185.77	5,683	21,425
185.26	5,683	18,527	185.78	5,683	21,482
185.27	5,683	18,583	185.79	5,683	21,539
185.28	5,683	18,640	185.80	5,683	21,595
185.29	5,683	18,697	185.81	5,683	21,652
185.30	5,683	18,754	185.82	5,683	21,709
185.31	5,683	18,811	185.83	5,683	21,766
185.32	5,683	18,868	185.84	5,683	21,823
185.33	5,683	18,924	185.85	5,683	21,880
185.34	5,683	18,981	185.86	5,683	21,936
185.35	5,683	19,038	185.87	5,683	21,993
185.36	5,683	19,095	185.88	5,683	22,050
185.37	5,683	19,152	185.89	5,683	22,107
185.38	5,683	19,209	185.90	5,683	22,164
185.39	5,683	19,265	185.91	5,683	22,221
185.40	5,683	19,322	185.92	5,683	22,277
185.41	5,683	19,379	185.93	5,683	22,334
185.42	5,683	19,436	185.94	5,683	22,391
185.43	5,683	19,493	185.95	5,683	22,448
185.44	5,683	19,550	185.96	5,683	22,505
185.45	5,683	19,606	185.97	5,683	22,562
185.46	5,683	19,663	185.98	5,683	22,618
185.47	5,683	19,720	185.99	5,683	22,675
185.48	5,683	19,777	186.00	5,683	22,732
185.49	5,683	19,834	186.01	5,683	22,789
185.50	5,683	19,891	186.02	5,683	22,846
185.51	5,683	19,947	186.03	5,683	22,902
185.52	5,683	20,004	186.04	5,683	22,959
185.53	5,683	20,061	186.05	5,683	23,016
185.54	5,683	20,118	186.06	5,683	23,073
185.55	5,683	20,175	186.07	5,683	23,130
185.56	5,683	20,231	186.08	5,683	23,187
185.57	5,683	20,288	186.09	5,683	23,243
185.58	5,683	20,345	186.10	5,683	23,300
185.59	5,683	20,402	186.11	5,683	23,357
185.60	5,683	20,459	186.12	5,683	23,414
185.61	5,683	20,516	186.13	5,683	23,471
185.62	5,683	20,572	186.14	5,683	23,528
185.63	5,683	20,629	186.15	5,683	23,584

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.16	5,683	23,641	186.68	5,683	26,596
186.17	5,683	23,698	186.69	5,683	26,653
186.18	5,683	23,755	186.70	5,683	26,710
186.19	5,683	23,812	186.71	5,683	26,767
186.20	5,683	23,869	186.72	5,683	26,824
186.21	5,683	23,925	186.73	5,683	26,881
186.22	5,683	23,982	186.74	5,683	26,937
186.23	5,683	24,039	186.75	5,683	26,994
186.24	5,683	24,096	186.76	5,683	27,051
186.25	5,683	24,153	186.77	5,683	27,108
186.26	5,683	24,210	186.78	5,683	27,165
186.27	5,683	24,266	186.79	5,683	27,222
186.28	5,683	24,323	186.80	5,683	27,278
186.29	5,683	24,380	186.81	5,683	27,335
186.30	5,683	24,437	186.82	5,683	27,392
186.31	5,683	24,494	186.83	5,683	27,449
186.32	5,683	24,551	186.84	5,683	27,506
186.33	5,683	24,607	186.85	5,683	27,563
186.34	5,683	24,664	186.86	5,683	27,619
186.35	5,683	24,721	186.87	5,683	27,676
186.36	5,683	24,778	186.88	5,683	27,733
186.37	5,683	24,835	186.89	5,683	27,790
186.38	5,683	24,892	186.90	5,683	27,847
186.39	5,683	24,948	186.91	5,683	27,904
186.40	5,683	25,005	186.92	5,683	27,960
186.41	5,683	25,062	186.93	5,683	28,017
186.42	5,683	25,119	186.94	5,683	28,074
186.43	5,683	25,176	186.95	5,683	28,131
186.44	5,683	25,233	186.96	5,683	28,188
186.45	5,683	25,289	186.97	5,683	28,245
186.46	5,683	25,346	186.98	5,683	28,301
186.47	5,683	25,403	186.99	5,683	28,358
186.48	5,683	25,460	187.00	5,683	28,415
186.49	5,683	25,517			
186.50	5,683	25,574			
186.51	5,683	25,630			
186.52	5,683	25,687			
186.53	5,683	25,744			
186.54	5,683	25,801			
186.55	5,683	25,858			
186.56	5,683	25,914			
186.57	5,683	25,971			
186.58	5,683	26,028			
186.59	5,683	26,085			
186.60	5,683	26,142			
186.61	5,683	26,199			
186.62	5,683	26,255			
186.63	5,683	26,312			
186.64	5,683	26,369			
186.65	5,683	26,426			
186.66	5,683	26,483			
186.67	5,683	26,540			

Summary for Pond B-42: Basin #42

Inflow Area = 0.777 ac, 38.35% Impervious, Inflow Depth = 2.30" for Future 2 yr event
 Inflow = 2.37 cfs @ 12.07 hrs, Volume= 0.149 af
 Outflow = 0.13 cfs @ 13.47 hrs, Volume= 0.097 af, Atten= 94%, Lag= 83.9 min
 Primary = 0.13 cfs @ 13.47 hrs, Volume= 0.097 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.61' @ 13.47 hrs Surf.Area= 2,920 sf Storage= 4,058 cf

Plug-Flow detention time= 371.0 min calculated for 0.097 af (65% of inflow)
 Center-of-Mass det. time= 261.9 min (1,051.5 - 789.6)

Volume	Invert	Avail.Storage	Storage Description
#1	181.00'	22,250 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

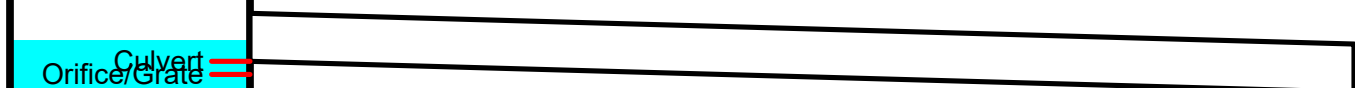
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
181.00	2,142	0	0
182.00	2,613	2,378	2,378
183.00	3,118	2,866	5,243
184.00	3,656	3,387	8,630
185.00	4,227	3,942	12,572
186.00	4,831	4,529	17,101
187.00	5,468	5,150	22,250

Device	Routing	Invert	Outlet Devices
#1	Primary	181.96'	18.0" Round Culvert L= 192.0' Ke= 0.500 Inlet / Outlet Invert= 181.96' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.13 cfs @ 13.47 hrs HW=182.61' (Free Discharge)

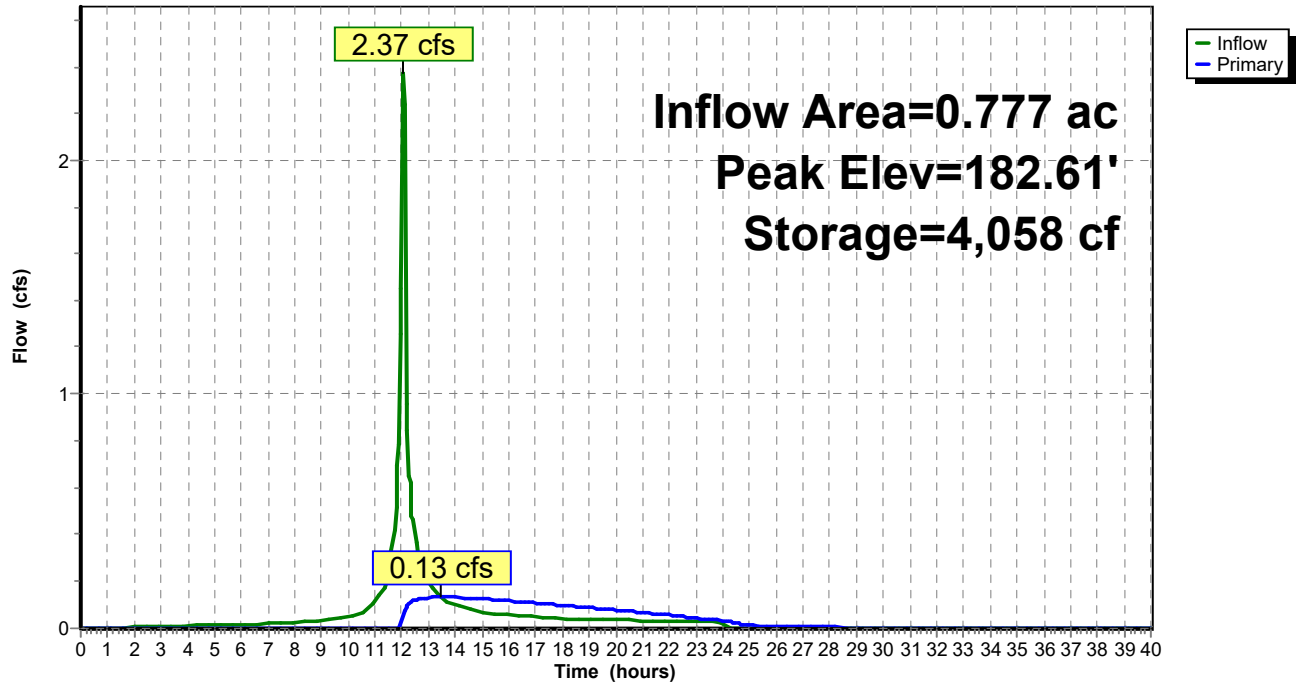
1=Culvert (Passes 0.13 cfs of 1.61 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.87 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-42: Basin #42



Pond B-42: Basin #42

Hydrograph



Hydrograph for Pond B-42: Basin #42

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	181.00	0.00
0.10	0.00	0	181.00	0.00
0.20	0.00	0	181.00	0.00
0.30	0.00	0	181.00	0.00
0.40	0.00	0	181.00	0.00
0.50	0.00	0	181.00	0.00
0.60	0.00	0	181.00	0.00
0.70	0.00	0	181.00	0.00
0.80	0.00	0	181.00	0.00
0.90	0.00	0	181.00	0.00
1.00	0.00	0	181.00	0.00
1.10	0.00	0	181.00	0.00
1.20	0.00	0	181.00	0.00
1.30	0.00	1	181.00	0.00
1.40	0.00	2	181.00	0.00
1.50	0.00	2	181.00	0.00
1.60	0.00	3	181.00	0.00
1.70	0.00	5	181.00	0.00
1.80	0.00	6	181.00	0.00
1.90	0.00	7	181.00	0.00
2.00	0.00	9	181.00	0.00
2.10	0.01	11	181.00	0.00
2.20	0.01	12	181.01	0.00
2.30	0.01	15	181.01	0.00
2.40	0.01	17	181.01	0.00
2.50	0.01	19	181.01	0.00
2.60	0.01	21	181.01	0.00
2.70	0.01	24	181.01	0.00
2.80	0.01	26	181.01	0.00
2.90	0.01	29	181.01	0.00
3.00	0.01	32	181.01	0.00
3.10	0.01	35	181.02	0.00
3.20	0.01	38	181.02	0.00
3.30	0.01	41	181.02	0.00
3.40	0.01	44	181.02	0.00
3.50	0.01	48	181.02	0.00
3.60	0.01	51	181.02	0.00
3.70	0.01	55	181.03	0.00
3.80	0.01	59	181.03	0.00
3.90	0.01	62	181.03	0.00
4.00	0.01	66	181.03	0.00
4.10	0.01	70	181.03	0.00
4.20	0.01	74	181.03	0.00
4.30	0.01	78	181.04	0.00
4.40	0.01	82	181.04	0.00
4.50	0.01	87	181.04	0.00
4.60	0.01	91	181.04	0.00
4.70	0.01	96	181.04	0.00
4.80	0.01	100	181.05	0.00
4.90	0.01	105	181.05	0.00
5.00	0.01	109	181.05	0.00
5.10	0.01	114	181.05	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.01	119	181.06	0.00
5.30	0.01	124	181.06	0.00
5.40	0.01	129	181.06	0.00
5.50	0.01	134	181.06	0.00
5.60	0.01	139	181.06	0.00
5.70	0.01	144	181.07	0.00
5.80	0.01	149	181.07	0.00
5.90	0.01	155	181.07	0.00
6.00	0.02	160	181.07	0.00
6.10	0.02	166	181.08	0.00
6.20	0.02	171	181.08	0.00
6.30	0.02	177	181.08	0.00
6.40	0.02	183	181.08	0.00
6.50	0.02	190	181.09	0.00
6.60	0.02	196	181.09	0.00
6.70	0.02	203	181.09	0.00
6.80	0.02	209	181.10	0.00
6.90	0.02	216	181.10	0.00
7.00	0.02	223	181.10	0.00
7.10	0.02	231	181.11	0.00
7.20	0.02	238	181.11	0.00
7.30	0.02	246	181.11	0.00
7.40	0.02	254	181.12	0.00
7.50	0.02	262	181.12	0.00
7.60	0.02	270	181.12	0.00
7.70	0.02	278	181.13	0.00
7.80	0.02	287	181.13	0.00
7.90	0.02	295	181.14	0.00
8.00	0.02	304	181.14	0.00
8.10	0.03	313	181.14	0.00
8.20	0.03	323	181.15	0.00
8.30	0.03	332	181.15	0.00
8.40	0.03	342	181.16	0.00
8.50	0.03	351	181.16	0.00
8.60	0.03	361	181.17	0.00
8.70	0.03	372	181.17	0.00
8.80	0.03	382	181.17	0.00
8.90	0.03	392	181.18	0.00
9.00	0.03	403	181.18	0.00
9.10	0.03	414	181.19	0.00
9.20	0.03	426	181.19	0.00
9.30	0.04	439	181.20	0.00
9.40	0.04	452	181.21	0.00
9.50	0.04	465	181.21	0.00
9.60	0.04	480	181.22	0.00
9.70	0.04	494	181.23	0.00
9.80	0.04	510	181.23	0.00
9.90	0.05	526	181.24	0.00
10.00	0.05	543	181.25	0.00
10.10	0.05	560	181.25	0.00
10.20	0.05	579	181.26	0.00
10.30	0.05	598	181.27	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.06	618	181.28	0.00
10.50	0.06	640	181.29	0.00
10.60	0.07	664	181.30	0.00
10.70	0.08	691	181.31	0.00
10.80	0.09	721	181.32	0.00
10.90	0.10	754	181.34	0.00
11.00	0.11	791	181.36	0.00
11.10	0.12	833	181.37	0.00
11.20	0.14	882	181.39	0.00
11.30	0.16	937	181.42	0.00
11.40	0.18	1,000	181.44	0.00
11.50	0.21	1,070	181.47	0.00
11.60	0.32	1,172	181.52	0.00
11.70	0.36	1,294	181.57	0.00
11.80	0.52	1,458	181.64	0.00
11.90	0.79	1,701	181.73	0.00
12.00	1.45	2,129	181.90	0.00
12.10	2.24	2,861	182.18	0.08
12.20	0.85	3,277	182.33	0.10
12.30	0.62	3,489	182.41	0.11
12.40	0.47	3,633	182.46	0.12
12.50	0.44	3,754	182.50	0.12
12.60	0.29	3,831	182.53	0.12
12.70	0.28	3,887	182.55	0.13
12.80	0.25	3,935	182.57	0.13
12.90	0.23	3,974	182.58	0.13
13.00	0.21	4,004	182.59	0.13
13.10	0.18	4,026	182.60	0.13
13.20	0.17	4,041	182.60	0.13
13.30	0.16	4,051	182.61	0.13
13.40	0.14	4,057	182.61	0.13
13.50	0.13	4,058	182.61	0.13
13.60	0.12	4,054	182.61	0.13
13.70	0.11	4,049	182.60	0.13
13.80	0.11	4,042	182.60	0.13
13.90	0.11	4,034	182.60	0.13
14.00	0.10	4,025	182.60	0.13
14.10	0.10	4,015	182.59	0.13
14.20	0.10	4,004	182.59	0.13
14.30	0.09	3,991	182.58	0.13
14.40	0.09	3,978	182.58	0.13
14.50	0.09	3,964	182.58	0.13
14.60	0.08	3,948	182.57	0.13
14.70	0.08	3,932	182.56	0.13
14.80	0.08	3,914	182.56	0.13
14.90	0.07	3,896	182.55	0.13
15.00	0.07	3,876	182.54	0.13
15.10	0.07	3,855	182.54	0.12
15.20	0.07	3,835	182.53	0.12
15.30	0.07	3,814	182.52	0.12
15.40	0.06	3,793	182.52	0.12
15.50	0.06	3,772	182.51	0.12

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.06	3,751	182.50	0.12
15.70	0.06	3,730	182.49	0.12
15.80	0.06	3,709	182.49	0.12
15.90	0.06	3,688	182.48	0.12
16.00	0.06	3,667	182.47	0.12
16.10	0.06	3,646	182.46	0.12
16.20	0.06	3,624	182.46	0.12
16.30	0.06	3,603	182.45	0.11
16.40	0.06	3,582	182.44	0.11
16.50	0.05	3,561	182.43	0.11
16.60	0.05	3,540	182.43	0.11
16.70	0.05	3,519	182.42	0.11
16.80	0.05	3,497	182.41	0.11
16.90	0.05	3,476	182.40	0.11
17.00	0.05	3,455	182.40	0.11
17.10	0.05	3,434	182.39	0.11
17.20	0.05	3,412	182.38	0.11
17.30	0.05	3,391	182.37	0.11
17.40	0.05	3,370	182.37	0.10
17.50	0.04	3,349	182.36	0.10
17.60	0.04	3,328	182.35	0.10
17.70	0.04	3,306	182.34	0.10
17.80	0.04	3,285	182.34	0.10
17.90	0.04	3,264	182.33	0.10
18.00	0.04	3,243	182.32	0.10
18.10	0.04	3,222	182.31	0.10
18.20	0.04	3,201	182.31	0.10
18.30	0.04	3,181	182.30	0.10
18.40	0.04	3,161	182.29	0.09
18.50	0.04	3,141	182.28	0.09
18.60	0.04	3,121	182.28	0.09
18.70	0.04	3,102	182.27	0.09
18.80	0.04	3,082	182.26	0.09
18.90	0.04	3,064	182.26	0.09
19.00	0.04	3,045	182.25	0.09
19.10	0.04	3,027	182.24	0.09
19.20	0.04	3,009	182.24	0.09
19.30	0.04	2,991	182.23	0.09
19.40	0.04	2,974	182.22	0.08
19.50	0.04	2,957	182.22	0.08
19.60	0.04	2,940	182.21	0.08
19.70	0.04	2,924	182.20	0.08
19.80	0.04	2,907	182.20	0.08
19.90	0.04	2,892	182.19	0.08
20.00	0.03	2,876	182.19	0.08
20.10	0.03	2,860	182.18	0.08
20.20	0.03	2,845	182.18	0.08
20.30	0.03	2,830	182.17	0.08
20.40	0.03	2,816	182.17	0.07
20.50	0.03	2,802	182.16	0.07
20.60	0.03	2,788	182.15	0.07
20.70	0.03	2,774	182.15	0.07

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.03	2,760	182.14	0.07
20.90	0.03	2,747	182.14	0.07
21.00	0.03	2,734	182.13	0.07
21.10	0.03	2,721	182.13	0.07
21.20	0.03	2,709	182.13	0.07
21.30	0.03	2,697	182.12	0.06
21.40	0.03	2,686	182.12	0.06
21.50	0.03	2,675	182.11	0.06
21.60	0.03	2,664	182.11	0.06
21.70	0.03	2,654	182.10	0.06
21.80	0.03	2,644	182.10	0.06
21.90	0.03	2,634	182.10	0.06
22.00	0.03	2,624	182.09	0.06
22.10	0.03	2,615	182.09	0.06
22.20	0.03	2,606	182.09	0.05
22.30	0.03	2,597	182.08	0.05
22.40	0.03	2,589	182.08	0.05
22.50	0.03	2,581	182.08	0.05
22.60	0.03	2,573	182.07	0.05
22.70	0.03	2,567	182.07	0.05
22.80	0.03	2,560	182.07	0.05
22.90	0.03	2,554	182.07	0.04
23.00	0.03	2,549	182.07	0.04
23.10	0.03	2,544	182.06	0.04
23.20	0.03	2,539	182.06	0.04
23.30	0.03	2,535	182.06	0.04
23.40	0.03	2,531	182.06	0.04
23.50	0.03	2,527	182.06	0.04
23.60	0.03	2,523	182.06	0.04
23.70	0.03	2,520	182.05	0.04
23.80	0.03	2,517	182.05	0.03
23.90	0.03	2,514	182.05	0.03
24.00	0.03	2,513	182.05	0.03
24.10	0.00	2,504	182.05	0.03
24.20	0.00	2,493	182.04	0.03
24.30	0.00	2,484	182.04	0.03
24.40	0.00	2,475	182.04	0.02
24.50	0.00	2,467	182.03	0.02
24.60	0.00	2,460	182.03	0.02
24.70	0.00	2,453	182.03	0.02
24.80	0.00	2,447	182.03	0.02
24.90	0.00	2,441	182.02	0.01
25.00	0.00	2,436	182.02	0.01
25.10	0.00	2,431	182.02	0.01
25.20	0.00	2,427	182.02	0.01
25.30	0.00	2,423	182.02	0.01
25.40	0.00	2,419	182.02	0.01
25.50	0.00	2,415	182.01	0.01
25.60	0.00	2,412	182.01	0.01
25.70	0.00	2,409	182.01	0.01
25.80	0.00	2,405	182.01	0.01
25.90	0.00	2,402	182.01	0.01

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,399	182.01	0.01
26.10	0.00	2,397	182.01	0.01
26.20	0.00	2,394	182.01	0.01
26.30	0.00	2,391	182.01	0.01
26.40	0.00	2,389	182.00	0.01
26.50	0.00	2,387	182.00	0.01
26.60	0.00	2,385	182.00	0.01
26.70	0.00	2,382	182.00	0.01
26.80	0.00	2,380	182.00	0.01
26.90	0.00	2,379	182.00	0.01
27.00	0.00	2,377	182.00	0.00
27.10	0.00	2,375	182.00	0.00
27.20	0.00	2,373	182.00	0.00
27.30	0.00	2,372	182.00	0.00
27.40	0.00	2,370	182.00	0.00
27.50	0.00	2,368	182.00	0.00
27.60	0.00	2,367	182.00	0.00
27.70	0.00	2,365	182.00	0.00
27.80	0.00	2,363	181.99	0.00
27.90	0.00	2,362	181.99	0.00
28.00	0.00	2,360	181.99	0.00
28.10	0.00	2,359	181.99	0.00
28.20	0.00	2,357	181.99	0.00
28.30	0.00	2,356	181.99	0.00
28.40	0.00	2,355	181.99	0.00
28.50	0.00	2,353	181.99	0.00
28.60	0.00	2,352	181.99	0.00
28.70	0.00	2,350	181.99	0.00
28.80	0.00	2,349	181.99	0.00
28.90	0.00	2,348	181.99	0.00
29.00	0.00	2,347	181.99	0.00
29.10	0.00	2,345	181.99	0.00
29.20	0.00	2,344	181.99	0.00
29.30	0.00	2,343	181.99	0.00
29.40	0.00	2,342	181.99	0.00
29.50	0.00	2,341	181.99	0.00
29.60	0.00	2,339	181.99	0.00
29.70	0.00	2,338	181.98	0.00
29.80	0.00	2,337	181.98	0.00
29.90	0.00	2,336	181.98	0.00
30.00	0.00	2,335	181.98	0.00
30.10	0.00	2,334	181.98	0.00
30.20	0.00	2,333	181.98	0.00
30.30	0.00	2,332	181.98	0.00
30.40	0.00	2,331	181.98	0.00
30.50	0.00	2,330	181.98	0.00
30.60	0.00	2,329	181.98	0.00
30.70	0.00	2,328	181.98	0.00
30.80	0.00	2,327	181.98	0.00
30.90	0.00	2,326	181.98	0.00
31.00	0.00	2,325	181.98	0.00
31.10	0.00	2,324	181.98	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,323	181.98	0.00
31.30	0.00	2,323	181.98	0.00
31.40	0.00	2,322	181.98	0.00
31.50	0.00	2,321	181.98	0.00
31.60	0.00	2,320	181.98	0.00
31.70	0.00	2,319	181.98	0.00
31.80	0.00	2,319	181.98	0.00
31.90	0.00	2,318	181.98	0.00
32.00	0.00	2,317	181.98	0.00
32.10	0.00	2,316	181.98	0.00
32.20	0.00	2,316	181.98	0.00
32.30	0.00	2,315	181.98	0.00
32.40	0.00	2,314	181.98	0.00
32.50	0.00	2,313	181.98	0.00
32.60	0.00	2,313	181.98	0.00
32.70	0.00	2,312	181.97	0.00
32.80	0.00	2,311	181.97	0.00
32.90	0.00	2,311	181.97	0.00
33.00	0.00	2,310	181.97	0.00
33.10	0.00	2,309	181.97	0.00
33.20	0.00	2,309	181.97	0.00
33.30	0.00	2,308	181.97	0.00
33.40	0.00	2,308	181.97	0.00
33.50	0.00	2,307	181.97	0.00
33.60	0.00	2,306	181.97	0.00
33.70	0.00	2,306	181.97	0.00
33.80	0.00	2,305	181.97	0.00
33.90	0.00	2,305	181.97	0.00
34.00	0.00	2,304	181.97	0.00
34.10	0.00	2,304	181.97	0.00
34.20	0.00	2,303	181.97	0.00
34.30	0.00	2,303	181.97	0.00
34.40	0.00	2,302	181.97	0.00
34.50	0.00	2,302	181.97	0.00
34.60	0.00	2,301	181.97	0.00
34.70	0.00	2,301	181.97	0.00
34.80	0.00	2,300	181.97	0.00
34.90	0.00	2,300	181.97	0.00
35.00	0.00	2,299	181.97	0.00
35.10	0.00	2,299	181.97	0.00
35.20	0.00	2,298	181.97	0.00
35.30	0.00	2,298	181.97	0.00
35.40	0.00	2,298	181.97	0.00
35.50	0.00	2,297	181.97	0.00
35.60	0.00	2,297	181.97	0.00
35.70	0.00	2,296	181.97	0.00
35.80	0.00	2,296	181.97	0.00
35.90	0.00	2,296	181.97	0.00
36.00	0.00	2,295	181.97	0.00
36.10	0.00	2,295	181.97	0.00
36.20	0.00	2,295	181.97	0.00
36.30	0.00	2,294	181.97	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,294	181.97	0.00
36.50	0.00	2,293	181.97	0.00
36.60	0.00	2,293	181.97	0.00
36.70	0.00	2,293	181.97	0.00
36.80	0.00	2,292	181.97	0.00
36.90	0.00	2,292	181.97	0.00
37.00	0.00	2,292	181.97	0.00
37.10	0.00	2,291	181.97	0.00
37.20	0.00	2,291	181.97	0.00
37.30	0.00	2,291	181.97	0.00
37.40	0.00	2,291	181.97	0.00
37.50	0.00	2,290	181.97	0.00
37.60	0.00	2,290	181.97	0.00
37.70	0.00	2,290	181.97	0.00
37.80	0.00	2,289	181.97	0.00
37.90	0.00	2,289	181.97	0.00
38.00	0.00	2,289	181.97	0.00
38.10	0.00	2,289	181.97	0.00
38.20	0.00	2,288	181.97	0.00
38.30	0.00	2,288	181.97	0.00
38.40	0.00	2,288	181.97	0.00
38.50	0.00	2,288	181.97	0.00
38.60	0.00	2,287	181.97	0.00
38.70	0.00	2,287	181.97	0.00
38.80	0.00	2,287	181.97	0.00
38.90	0.00	2,287	181.97	0.00
39.00	0.00	2,286	181.97	0.00
39.10	0.00	2,286	181.96	0.00
39.20	0.00	2,286	181.96	0.00
39.30	0.00	2,286	181.96	0.00
39.40	0.00	2,286	181.96	0.00
39.50	0.00	2,285	181.96	0.00
39.60	0.00	2,285	181.96	0.00
39.70	0.00	2,285	181.96	0.00
39.80	0.00	2,285	181.96	0.00
39.90	0.00	2,285	181.96	0.00
40.00	0.00	2,284	181.96	0.00

Stage-Discharge for Pond B-42: Basin #42

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.00	0.00	181.52	0.00	182.04	0.02	182.56	0.13
181.01	0.00	181.53	0.00	182.05	0.03	182.57	0.13
181.02	0.00	181.54	0.00	182.06	0.04	182.58	0.13
181.03	0.00	181.55	0.00	182.07	0.04	182.59	0.13
181.04	0.00	181.56	0.00	182.08	0.05	182.60	0.13
181.05	0.00	181.57	0.00	182.09	0.06	182.61	0.13
181.06	0.00	181.58	0.00	182.10	0.06	182.62	0.13
181.07	0.00	181.59	0.00	182.11	0.06	182.63	0.13
181.08	0.00	181.60	0.00	182.12	0.07	182.64	0.14
181.09	0.00	181.61	0.00	182.13	0.07	182.65	0.14
181.10	0.00	181.62	0.00	182.14	0.07	182.66	0.14
181.11	0.00	181.63	0.00	182.15	0.07	182.67	0.14
181.12	0.00	181.64	0.00	182.16	0.07	182.68	0.14
181.13	0.00	181.65	0.00	182.17	0.08	182.69	0.14
181.14	0.00	181.66	0.00	182.18	0.08	182.70	0.14
181.15	0.00	181.67	0.00	182.19	0.08	182.71	0.14
181.16	0.00	181.68	0.00	182.20	0.08	182.72	0.14
181.17	0.00	181.69	0.00	182.21	0.08	182.73	0.14
181.18	0.00	181.70	0.00	182.22	0.08	182.74	0.14
181.19	0.00	181.71	0.00	182.23	0.09	182.75	0.15
181.20	0.00	181.72	0.00	182.24	0.09	182.76	0.15
181.21	0.00	181.73	0.00	182.25	0.09	182.77	0.15
181.22	0.00	181.74	0.00	182.26	0.09	182.78	0.15
181.23	0.00	181.75	0.00	182.27	0.09	182.79	0.15
181.24	0.00	181.76	0.00	182.28	0.09	182.80	0.15
181.25	0.00	181.77	0.00	182.29	0.09	182.81	0.15
181.26	0.00	181.78	0.00	182.30	0.10	182.82	0.15
181.27	0.00	181.79	0.00	182.31	0.10	182.83	0.15
181.28	0.00	181.80	0.00	182.32	0.10	182.84	0.15
181.29	0.00	181.81	0.00	182.33	0.10	182.85	0.15
181.30	0.00	181.82	0.00	182.34	0.10	182.86	0.16
181.31	0.00	181.83	0.00	182.35	0.10	182.87	0.16
181.32	0.00	181.84	0.00	182.36	0.10	182.88	0.16
181.33	0.00	181.85	0.00	182.37	0.11	182.89	0.16
181.34	0.00	181.86	0.00	182.38	0.11	182.90	0.16
181.35	0.00	181.87	0.00	182.39	0.11	182.91	0.16
181.36	0.00	181.88	0.00	182.40	0.11	182.92	0.16
181.37	0.00	181.89	0.00	182.41	0.11	182.93	0.16
181.38	0.00	181.90	0.00	182.42	0.11	182.94	0.16
181.39	0.00	181.91	0.00	182.43	0.11	182.95	0.16
181.40	0.00	181.92	0.00	182.44	0.11	182.96	0.16
181.41	0.00	181.93	0.00	182.45	0.11	182.97	0.16
181.42	0.00	181.94	0.00	182.46	0.12	182.98	0.17
181.43	0.00	181.95	0.00	182.47	0.12	182.99	0.17
181.44	0.00	181.96	0.00	182.48	0.12	183.00	0.17
181.45	0.00	181.97	0.00	182.49	0.12	183.01	0.17
181.46	0.00	181.98	0.00	182.50	0.12	183.02	0.17
181.47	0.00	181.99	0.00	182.51	0.12	183.03	0.17
181.48	0.00	182.00	0.00	182.52	0.12	183.04	0.17
181.49	0.00	182.01	0.01	182.53	0.12	183.05	0.17
181.50	0.00	182.02	0.01	182.54	0.13	183.06	0.17
181.51	0.00	182.03	0.02	182.55	0.13	183.07	0.17

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.08	0.17	183.60	0.21	184.12	0.24	184.64	0.27
183.09	0.17	183.61	0.21	184.13	0.24	184.65	0.27
183.10	0.18	183.62	0.21	184.14	0.24	184.66	0.27
183.11	0.18	183.63	0.21	184.15	0.24	184.67	0.27
183.12	0.18	183.64	0.21	184.16	0.24	184.68	0.27
183.13	0.18	183.65	0.21	184.17	0.24	184.69	0.27
183.14	0.18	183.66	0.21	184.18	0.24	184.70	0.27
183.15	0.18	183.67	0.21	184.19	0.25	184.71	0.27
183.16	0.18	183.68	0.22	184.20	0.25	184.72	0.27
183.17	0.18	183.69	0.22	184.21	0.25	184.73	0.27
183.18	0.18	183.70	0.22	184.22	0.25	184.74	0.27
183.19	0.18	183.71	0.22	184.23	0.25	184.75	0.27
183.20	0.18	183.72	0.22	184.24	0.25	184.76	0.27
183.21	0.18	183.73	0.22	184.25	0.25	184.77	0.28
183.22	0.18	183.74	0.22	184.26	0.25	184.78	0.28
183.23	0.18	183.75	0.22	184.27	0.25	184.79	0.28
183.24	0.19	183.76	0.22	184.28	0.25	184.80	0.28
183.25	0.19	183.77	0.22	184.29	0.25	184.81	0.28
183.26	0.19	183.78	0.22	184.30	0.25	184.82	0.28
183.27	0.19	183.79	0.22	184.31	0.25	184.83	0.28
183.28	0.19	183.80	0.22	184.32	0.25	184.84	0.28
183.29	0.19	183.81	0.22	184.33	0.25	184.85	0.28
183.30	0.19	183.82	0.22	184.34	0.25	184.86	0.28
183.31	0.19	183.83	0.22	184.35	0.25	184.87	0.28
183.32	0.19	183.84	0.23	184.36	0.25	184.88	0.28
183.33	0.19	183.85	0.23	184.37	0.25	184.89	0.28
183.34	0.19	183.86	0.23	184.38	0.26	184.90	0.28
183.35	0.19	183.87	0.23	184.39	0.26	184.91	0.28
183.36	0.19	183.88	0.23	184.40	0.26	184.92	0.28
183.37	0.19	183.89	0.23	184.41	0.26	184.93	0.28
183.38	0.20	183.90	0.23	184.42	0.26	184.94	0.28
183.39	0.20	183.91	0.23	184.43	0.26	184.95	0.28
183.40	0.20	183.92	0.23	184.44	0.26	184.96	0.28
183.41	0.20	183.93	0.23	184.45	0.26	184.97	0.28
183.42	0.20	183.94	0.23	184.46	0.26	184.98	0.29
183.43	0.20	183.95	0.23	184.47	0.26	184.99	0.29
183.44	0.20	183.96	0.23	184.48	0.26	185.00	0.29
183.45	0.20	183.97	0.23	184.49	0.26	185.01	0.29
183.46	0.20	183.98	0.23	184.50	0.26	185.02	0.29
183.47	0.20	183.99	0.23	184.51	0.26	185.03	0.29
183.48	0.20	184.00	0.23	184.52	0.26	185.04	0.29
183.49	0.20	184.01	0.24	184.53	0.26	185.05	0.29
183.50	0.20	184.02	0.24	184.54	0.26	185.06	0.29
183.51	0.20	184.03	0.24	184.55	0.26	185.07	0.29
183.52	0.21	184.04	0.24	184.56	0.26	185.08	0.29
183.53	0.21	184.05	0.24	184.57	0.27	185.09	0.29
183.54	0.21	184.06	0.24	184.58	0.27	185.10	0.29
183.55	0.21	184.07	0.24	184.59	0.27	185.11	0.29
183.56	0.21	184.08	0.24	184.60	0.27	185.12	0.29
183.57	0.21	184.09	0.24	184.61	0.27	185.13	0.29
183.58	0.21	184.10	0.24	184.62	0.27	185.14	0.29
183.59	0.21	184.11	0.24	184.63	0.27	185.15	0.29

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.16	0.29	185.68	0.32	186.20	1.50	186.72	20.35
185.17	0.29	185.69	0.32	186.21	1.58	186.73	21.40
185.18	0.29	185.70	0.32	186.22	1.67	186.74	22.48
185.19	0.29	185.71	0.32	186.23	1.77	186.75	23.59
185.20	0.30	185.72	0.32	186.24	1.86	186.76	24.72
185.21	0.30	185.73	0.32	186.25	1.95	186.77	25.88
185.22	0.30	185.74	0.32	186.26	2.05	186.78	27.07
185.23	0.30	185.75	0.32	186.27	2.15	186.79	28.28
185.24	0.30	185.76	0.32	186.28	2.25	186.80	29.51
185.25	0.30	185.77	0.32	186.29	2.35	186.81	30.78
185.26	0.30	185.78	0.32	186.30	2.46	186.82	32.06
185.27	0.30	185.79	0.32	186.31	2.56	186.83	33.37
185.28	0.30	185.80	0.32	186.32	2.67	186.84	34.71
185.29	0.30	185.81	0.32	186.33	2.78	186.85	36.07
185.30	0.30	185.82	0.32	186.34	2.89	186.86	37.46
185.31	0.30	185.83	0.32	186.35	3.00	186.87	38.87
185.32	0.30	185.84	0.32	186.36	3.12	186.88	40.31
185.33	0.30	185.85	0.32	186.37	3.23	186.89	41.77
185.34	0.30	185.86	0.32	186.38	3.35	186.90	43.26
185.35	0.30	185.87	0.32	186.39	3.47	186.91	44.80
185.36	0.30	185.88	0.32	186.40	3.59	186.92	46.36
185.37	0.30	185.89	0.33	186.41	3.71	186.93	47.96
185.38	0.30	185.90	0.33	186.42	3.83	186.94	49.58
185.39	0.30	185.91	0.33	186.43	3.96	186.95	51.22
185.40	0.30	185.92	0.33	186.44	4.08	186.96	52.90
185.41	0.30	185.93	0.33	186.45	4.21	186.97	54.60
185.42	0.31	185.94	0.33	186.46	4.34	186.98	56.32
185.43	0.31	185.95	0.33	186.47	4.46	186.99	58.08
185.44	0.31	185.96	0.33	186.48	4.59	187.00	59.86
185.45	0.31	185.97	0.33	186.49	4.73		
185.46	0.31	185.98	0.33	186.50	4.86		
185.47	0.31	185.99	0.33	186.51	5.11		
185.48	0.31	186.00	0.33	186.52	5.46		
185.49	0.31	186.01	0.34	186.53	5.87		
185.50	0.31	186.02	0.37	186.54	6.34		
185.51	0.31	186.03	0.40	186.55	6.85		
185.52	0.31	186.04	0.44	186.56	7.40		
185.53	0.31	186.05	0.48	186.57	7.99		
185.54	0.31	186.06	0.52	186.58	8.62		
185.55	0.31	186.07	0.57	186.59	9.28		
185.56	0.31	186.08	0.63	186.60	9.97		
185.57	0.31	186.09	0.69	186.61	10.69		
185.58	0.31	186.10	0.75	186.62	11.43		
185.59	0.31	186.11	0.81	186.63	12.21		
185.60	0.31	186.12	0.88	186.64	13.01		
185.61	0.31	186.13	0.94	186.65	13.83		
185.62	0.31	186.14	1.02	186.66	14.68		
185.63	0.31	186.15	1.09	186.67	15.56		
185.64	0.31	186.16	1.17	186.68	16.45		
185.65	0.32	186.17	1.25	186.69	17.37		
185.66	0.32	186.18	1.33	186.70	18.31		
185.67	0.32	186.19	1.41	186.71	19.32		

Stage-Area-Storage for Pond B-42: Basin #42

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.00	2,142	0	181.52	2,387	1,178
181.01	2,147	21	181.53	2,392	1,201
181.02	2,151	43	181.54	2,396	1,225
181.03	2,156	64	181.55	2,401	1,249
181.04	2,161	86	181.56	2,406	1,273
181.05	2,166	108	181.57	2,410	1,297
181.06	2,170	129	181.58	2,415	1,322
181.07	2,175	151	181.59	2,420	1,346
181.08	2,180	173	181.60	2,425	1,370
181.09	2,184	195	181.61	2,429	1,394
181.10	2,189	217	181.62	2,434	1,419
181.11	2,194	238	181.63	2,439	1,443
181.12	2,199	260	181.64	2,443	1,467
181.13	2,203	282	181.65	2,448	1,492
181.14	2,208	304	181.66	2,453	1,516
181.15	2,213	327	181.67	2,458	1,541
181.16	2,217	349	181.68	2,462	1,565
181.17	2,222	371	181.69	2,467	1,590
181.18	2,227	393	181.70	2,472	1,615
181.19	2,231	415	181.71	2,476	1,640
181.20	2,236	438	181.72	2,481	1,664
181.21	2,241	460	181.73	2,486	1,689
181.22	2,246	483	181.74	2,491	1,714
181.23	2,250	505	181.75	2,495	1,739
181.24	2,255	528	181.76	2,500	1,764
181.25	2,260	550	181.77	2,505	1,789
181.26	2,264	573	181.78	2,509	1,814
181.27	2,269	596	181.79	2,514	1,839
181.28	2,274	618	181.80	2,519	1,864
181.29	2,279	641	181.81	2,524	1,890
181.30	2,283	664	181.82	2,528	1,915
181.31	2,288	687	181.83	2,533	1,940
181.32	2,293	710	181.84	2,538	1,965
181.33	2,297	733	181.85	2,542	1,991
181.34	2,302	756	181.86	2,547	2,016
181.35	2,307	779	181.87	2,552	2,042
181.36	2,312	802	181.88	2,556	2,067
181.37	2,316	825	181.89	2,561	2,093
181.38	2,321	848	181.90	2,566	2,119
181.39	2,326	871	181.91	2,571	2,144
181.40	2,330	894	181.92	2,575	2,170
181.41	2,335	918	181.93	2,580	2,196
181.42	2,340	941	181.94	2,585	2,222
181.43	2,345	965	181.95	2,589	2,247
181.44	2,349	988	181.96	2,594	2,273
181.45	2,354	1,012	181.97	2,599	2,299
181.46	2,359	1,035	181.98	2,604	2,325
181.47	2,363	1,059	181.99	2,608	2,351
181.48	2,368	1,082	182.00	2,613	2,378
181.49	2,373	1,106	182.01	2,618	2,404
181.50	2,378	1,130	182.02	2,623	2,430
181.51	2,382	1,154	182.03	2,628	2,456

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.04	2,633	2,482	182.56	2,896	3,920
182.05	2,638	2,509	182.57	2,901	3,949
182.06	2,643	2,535	182.58	2,906	3,978
182.07	2,648	2,562	182.59	2,911	4,007
182.08	2,653	2,588	182.60	2,916	4,036
182.09	2,658	2,615	182.61	2,921	4,065
182.10	2,663	2,641	182.62	2,926	4,095
182.11	2,669	2,668	182.63	2,931	4,124
182.12	2,674	2,695	182.64	2,936	4,153
182.13	2,679	2,721	182.65	2,941	4,183
182.14	2,684	2,748	182.66	2,946	4,212
182.15	2,689	2,775	182.67	2,951	4,242
182.16	2,694	2,802	182.68	2,956	4,271
182.17	2,699	2,829	182.69	2,961	4,301
182.18	2,704	2,856	182.70	2,966	4,330
182.19	2,709	2,883	182.71	2,972	4,360
182.20	2,714	2,910	182.72	2,977	4,390
182.21	2,719	2,937	182.73	2,982	4,420
182.22	2,724	2,965	182.74	2,987	4,449
182.23	2,729	2,992	182.75	2,992	4,479
182.24	2,734	3,019	182.76	2,997	4,509
182.25	2,739	3,047	182.77	3,002	4,539
182.26	2,744	3,074	182.78	3,007	4,569
182.27	2,749	3,101	182.79	3,012	4,599
182.28	2,754	3,129	182.80	3,017	4,630
182.29	2,759	3,157	182.81	3,022	4,660
182.30	2,765	3,184	182.82	3,027	4,690
182.31	2,770	3,212	182.83	3,032	4,720
182.32	2,775	3,240	182.84	3,037	4,751
182.33	2,780	3,267	182.85	3,042	4,781
182.34	2,785	3,295	182.86	3,047	4,811
182.35	2,790	3,323	182.87	3,052	4,842
182.36	2,795	3,351	182.88	3,057	4,872
182.37	2,800	3,379	182.89	3,062	4,903
182.38	2,805	3,407	182.90	3,068	4,934
182.39	2,810	3,435	182.91	3,073	4,964
182.40	2,815	3,463	182.92	3,078	4,995
182.41	2,820	3,491	182.93	3,083	5,026
182.42	2,825	3,520	182.94	3,088	5,057
182.43	2,830	3,548	182.95	3,093	5,088
182.44	2,835	3,576	182.96	3,098	5,119
182.45	2,840	3,604	182.97	3,103	5,150
182.46	2,845	3,633	182.98	3,108	5,181
182.47	2,850	3,661	182.99	3,113	5,212
182.48	2,855	3,690	183.00	3,118	5,243
182.49	2,860	3,718	183.01	3,123	5,274
182.50	2,866	3,747	183.02	3,129	5,305
182.51	2,871	3,776	183.03	3,134	5,337
182.52	2,876	3,805	183.04	3,140	5,368
182.53	2,881	3,833	183.05	3,145	5,400
182.54	2,886	3,862	183.06	3,150	5,431
182.55	2,891	3,891	183.07	3,156	5,463

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.08	3,161	5,494	183.60	3,441	7,211
183.09	3,166	5,526	183.61	3,446	7,245
183.10	3,172	5,557	183.62	3,452	7,280
183.11	3,177	5,589	183.63	3,457	7,314
183.12	3,183	5,621	183.64	3,462	7,349
183.13	3,188	5,653	183.65	3,468	7,383
183.14	3,193	5,685	183.66	3,473	7,418
183.15	3,199	5,717	183.67	3,478	7,453
183.16	3,204	5,749	183.68	3,484	7,488
183.17	3,209	5,781	183.69	3,489	7,522
183.18	3,215	5,813	183.70	3,495	7,557
183.19	3,220	5,845	183.71	3,500	7,592
183.20	3,226	5,877	183.72	3,505	7,627
183.21	3,231	5,910	183.73	3,511	7,662
183.22	3,236	5,942	183.74	3,516	7,698
183.23	3,242	5,974	183.75	3,522	7,733
183.24	3,247	6,007	183.76	3,527	7,768
183.25	3,253	6,039	183.77	3,532	7,803
183.26	3,258	6,072	183.78	3,538	7,839
183.27	3,263	6,104	183.79	3,543	7,874
183.28	3,269	6,137	183.80	3,548	7,910
183.29	3,274	6,170	183.81	3,554	7,945
183.30	3,279	6,203	183.82	3,559	7,981
183.31	3,285	6,235	183.83	3,565	8,016
183.32	3,290	6,268	183.84	3,570	8,052
183.33	3,296	6,301	183.85	3,575	8,088
183.34	3,301	6,334	183.86	3,581	8,123
183.35	3,306	6,367	183.87	3,586	8,159
183.36	3,312	6,400	183.88	3,591	8,195
183.37	3,317	6,433	183.89	3,597	8,231
183.38	3,322	6,467	183.90	3,602	8,267
183.39	3,328	6,500	183.91	3,608	8,303
183.40	3,333	6,533	183.92	3,613	8,339
183.41	3,339	6,567	183.93	3,618	8,375
183.42	3,344	6,600	183.94	3,624	8,412
183.43	3,349	6,633	183.95	3,629	8,448
183.44	3,355	6,667	183.96	3,634	8,484
183.45	3,360	6,701	183.97	3,640	8,521
183.46	3,365	6,734	183.98	3,645	8,557
183.47	3,371	6,768	183.99	3,651	8,593
183.48	3,376	6,802	184.00	3,656	8,630
183.49	3,382	6,835	184.01	3,662	8,667
183.50	3,387	6,869	184.02	3,667	8,703
183.51	3,392	6,903	184.03	3,673	8,740
183.52	3,398	6,937	184.04	3,679	8,777
183.53	3,403	6,971	184.05	3,685	8,814
183.54	3,409	7,005	184.06	3,690	8,850
183.55	3,414	7,039	184.07	3,696	8,887
183.56	3,419	7,073	184.08	3,702	8,924
183.57	3,425	7,108	184.09	3,707	8,961
183.58	3,430	7,142	184.10	3,713	8,998
183.59	3,435	7,176	184.11	3,719	9,036

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.12	3,725	9,073	184.64	4,021	11,087
184.13	3,730	9,110	184.65	4,027	11,127
184.14	3,736	9,147	184.66	4,033	11,167
184.15	3,742	9,185	184.67	4,039	11,208
184.16	3,747	9,222	184.68	4,044	11,248
184.17	3,753	9,260	184.69	4,050	11,289
184.18	3,759	9,297	184.70	4,056	11,329
184.19	3,764	9,335	184.71	4,061	11,370
184.20	3,770	9,373	184.72	4,067	11,410
184.21	3,776	9,410	184.73	4,073	11,451
184.22	3,782	9,448	184.74	4,079	11,492
184.23	3,787	9,486	184.75	4,084	11,533
184.24	3,793	9,524	184.76	4,090	11,573
184.25	3,799	9,562	184.77	4,096	11,614
184.26	3,804	9,600	184.78	4,101	11,655
184.27	3,810	9,638	184.79	4,107	11,696
184.28	3,816	9,676	184.80	4,113	11,738
184.29	3,822	9,714	184.81	4,119	11,779
184.30	3,827	9,752	184.82	4,124	11,820
184.31	3,833	9,791	184.83	4,130	11,861
184.32	3,839	9,829	184.84	4,136	11,902
184.33	3,844	9,868	184.85	4,141	11,944
184.34	3,850	9,906	184.86	4,147	11,985
184.35	3,856	9,945	184.87	4,153	12,027
184.36	3,862	9,983	184.88	4,158	12,068
184.37	3,867	10,022	184.89	4,164	12,110
184.38	3,873	10,061	184.90	4,170	12,152
184.39	3,879	10,099	184.91	4,176	12,193
184.40	3,884	10,138	184.92	4,181	12,235
184.41	3,890	10,177	184.93	4,187	12,277
184.42	3,896	10,216	184.94	4,193	12,319
184.43	3,902	10,255	184.95	4,198	12,361
184.44	3,907	10,294	184.96	4,204	12,403
184.45	3,913	10,333	184.97	4,210	12,445
184.46	3,919	10,372	184.98	4,216	12,487
184.47	3,924	10,411	184.99	4,221	12,529
184.48	3,930	10,451	185.00	4,227	12,572
184.49	3,936	10,490	185.01	4,233	12,614
184.50	3,942	10,529	185.02	4,239	12,656
184.51	3,947	10,569	185.03	4,245	12,699
184.52	3,953	10,608	185.04	4,251	12,741
184.53	3,959	10,648	185.05	4,257	12,784
184.54	3,964	10,687	185.06	4,263	12,826
184.55	3,970	10,727	185.07	4,269	12,869
184.56	3,976	10,767	185.08	4,275	12,912
184.57	3,981	10,807	185.09	4,281	12,954
184.58	3,987	10,847	185.10	4,287	12,997
184.59	3,993	10,886	185.11	4,293	13,040
184.60	3,999	10,926	185.12	4,299	13,083
184.61	4,004	10,966	185.13	4,306	13,126
184.62	4,010	11,006	185.14	4,312	13,169
184.63	4,016	11,047	185.15	4,318	13,212

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.16	4,324	13,256	185.68	4,638	15,586
185.17	4,330	13,299	185.69	4,644	15,632
185.18	4,336	13,342	185.70	4,650	15,678
185.19	4,342	13,386	185.71	4,656	15,725
185.20	4,348	13,429	185.72	4,662	15,771
185.21	4,354	13,472	185.73	4,668	15,818
185.22	4,360	13,516	185.74	4,674	15,865
185.23	4,366	13,560	185.75	4,680	15,912
185.24	4,372	13,603	185.76	4,686	15,958
185.25	4,378	13,647	185.77	4,692	16,005
185.26	4,384	13,691	185.78	4,698	16,052
185.27	4,390	13,735	185.79	4,704	16,099
185.28	4,396	13,779	185.80	4,710	16,146
185.29	4,402	13,823	185.81	4,716	16,194
185.30	4,408	13,867	185.82	4,722	16,241
185.31	4,414	13,911	185.83	4,728	16,288
185.32	4,420	13,955	185.84	4,734	16,335
185.33	4,426	13,999	185.85	4,740	16,383
185.34	4,432	14,044	185.86	4,746	16,430
185.35	4,438	14,088	185.87	4,752	16,478
185.36	4,444	14,132	185.88	4,759	16,525
185.37	4,450	14,177	185.89	4,765	16,573
185.38	4,457	14,221	185.90	4,771	16,620
185.39	4,463	14,266	185.91	4,777	16,668
185.40	4,469	14,311	185.92	4,783	16,716
185.41	4,475	14,355	185.93	4,789	16,764
185.42	4,481	14,400	185.94	4,795	16,812
185.43	4,487	14,445	185.95	4,801	16,860
185.44	4,493	14,490	185.96	4,807	16,908
185.45	4,499	14,535	185.97	4,813	16,956
185.46	4,505	14,580	185.98	4,819	17,004
185.47	4,511	14,625	185.99	4,825	17,052
185.48	4,517	14,670	186.00	4,831	17,101
185.49	4,523	14,715	186.01	4,837	17,149
185.50	4,529	14,761	186.02	4,844	17,197
185.51	4,535	14,806	186.03	4,850	17,246
185.52	4,541	14,851	186.04	4,856	17,294
185.53	4,547	14,897	186.05	4,863	17,343
185.54	4,553	14,942	186.06	4,869	17,392
185.55	4,559	14,988	186.07	4,876	17,440
185.56	4,565	15,033	186.08	4,882	17,489
185.57	4,571	15,079	186.09	4,888	17,538
185.58	4,577	15,125	186.10	4,895	17,587
185.59	4,583	15,171	186.11	4,901	17,636
185.60	4,589	15,216	186.12	4,907	17,685
185.61	4,595	15,262	186.13	4,914	17,734
185.62	4,601	15,308	186.14	4,920	17,783
185.63	4,608	15,354	186.15	4,927	17,832
185.64	4,614	15,400	186.16	4,933	17,882
185.65	4,620	15,447	186.17	4,939	17,931
185.66	4,626	15,493	186.18	4,946	17,980
185.67	4,632	15,539	186.19	4,952	18,030

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.20	4,958	18,079	186.72	5,290	20,744
186.21	4,965	18,129	186.73	5,296	20,797
186.22	4,971	18,179	186.74	5,302	20,850
186.23	4,978	18,228	186.75	5,309	20,903
186.24	4,984	18,278	186.76	5,315	20,956
186.25	4,990	18,328	186.77	5,321	21,009
186.26	4,997	18,378	186.78	5,328	21,062
186.27	5,003	18,428	186.79	5,334	21,116
186.28	5,009	18,478	186.80	5,341	21,169
186.29	5,016	18,528	186.81	5,347	21,223
186.30	5,022	18,578	186.82	5,353	21,276
186.31	5,028	18,629	186.83	5,360	21,330
186.32	5,035	18,679	186.84	5,366	21,383
186.33	5,041	18,729	186.85	5,372	21,437
186.34	5,048	18,780	186.86	5,379	21,491
186.35	5,054	18,830	186.87	5,385	21,545
186.36	5,060	18,881	186.88	5,392	21,598
186.37	5,067	18,932	186.89	5,398	21,652
186.38	5,073	18,982	186.90	5,404	21,706
186.39	5,079	19,033	186.91	5,411	21,760
186.40	5,086	19,084	186.92	5,417	21,815
186.41	5,092	19,135	186.93	5,423	21,869
186.42	5,099	19,186	186.94	5,430	21,923
186.43	5,105	19,237	186.95	5,436	21,977
186.44	5,111	19,288	186.96	5,443	22,032
186.45	5,118	19,339	186.97	5,449	22,086
186.46	5,124	19,390	186.98	5,455	22,141
186.47	5,130	19,441	186.99	5,462	22,195
186.48	5,137	19,493	187.00	5,468	22,250
186.49	5,143	19,544			
186.50	5,150	19,596			
186.51	5,156	19,647			
186.52	5,162	19,699			
186.53	5,169	19,750			
186.54	5,175	19,802			
186.55	5,181	19,854			
186.56	5,188	19,906			
186.57	5,194	19,958			
186.58	5,200	20,010			
186.59	5,207	20,062			
186.60	5,213	20,114			
186.61	5,220	20,166			
186.62	5,226	20,218			
186.63	5,232	20,270			
186.64	5,239	20,323			
186.65	5,245	20,375			
186.66	5,251	20,428			
186.67	5,258	20,480			
186.68	5,264	20,533			
186.69	5,271	20,586			
186.70	5,277	20,638			
186.71	5,283	20,691			

Summary for Pond B-43: Basin #43

Inflow Area = 2.712 ac, 33.89% Impervious, Inflow Depth = 2.21" for Future 2 yr event
 Inflow = 5.77 cfs @ 12.09 hrs, Volume= 0.499 af
 Outflow = 0.50 cfs @ 13.46 hrs, Volume= 0.372 af, Atten= 91%, Lag= 82.6 min
 Primary = 0.50 cfs @ 13.46 hrs, Volume= 0.372 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 178.98' @ 13.46 hrs Surf.Area= 7,055 sf Storage= 13,976 cf

Plug-Flow detention time= 653.6 min calculated for 0.371 af (74% of inflow)
 Center-of-Mass det. time= 558.1 min (1,357.1 - 798.9)

Volume	Invert	Avail.Storage	Storage Description
#1	177.00'	28,220 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

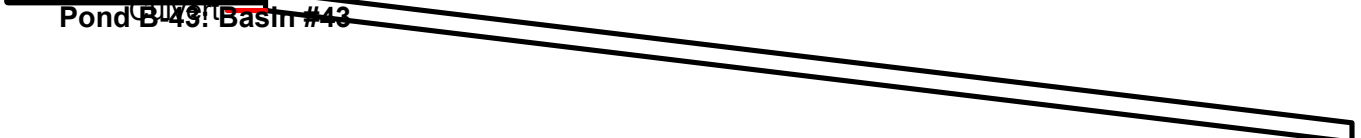
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
177.00	7,055	0	0
178.00	7,055	7,055	7,055
179.00	7,055	7,055	14,110
180.00	7,055	7,055	21,165
181.00	7,055	7,055	28,220

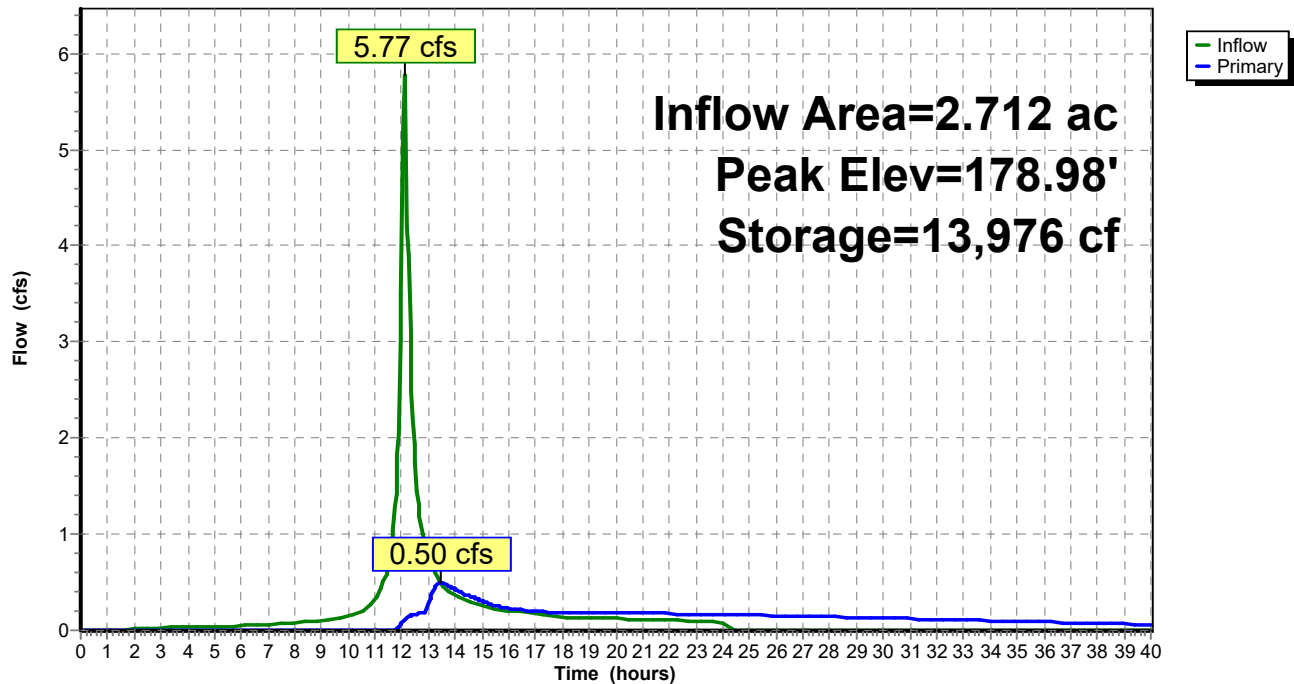
Device	Routing	Invert	Outlet Devices
#1	Primary	176.30'	18.0" Round Culvert L= 200.0' Ke= 0.500 Inlet / Outlet Invert= 176.30' / 166.10' S= 0.0510 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	177.56'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.90'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.49 cfs @ 13.46 hrs HW=178.98' (Free Discharge)

1=Culvert (Passes 0.49 cfs of 11.82 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.53 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.30 cfs @ 0.93 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-43: Basin #43



Pond B-43: Basin #43**Hydrograph**

Hydrograph for Pond B-43: Basin #43

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	177.00	0.00
0.10	0.00	0	177.00	0.00
0.20	0.00	0	177.00	0.00
0.30	0.00	0	177.00	0.00
0.40	0.00	0	177.00	0.00
0.50	0.00	0	177.00	0.00
0.60	0.00	0	177.00	0.00
0.70	0.00	0	177.00	0.00
0.80	0.00	0	177.00	0.00
0.90	0.00	0	177.00	0.00
1.00	0.00	0	177.00	0.00
1.10	0.00	0	177.00	0.00
1.20	0.00	1	177.00	0.00
1.30	0.00	3	177.00	0.00
1.40	0.01	5	177.00	0.00
1.50	0.01	7	177.00	0.00
1.60	0.01	10	177.00	0.00
1.70	0.01	14	177.00	0.00
1.80	0.01	18	177.00	0.00
1.90	0.01	22	177.00	0.00
2.00	0.01	27	177.00	0.00
2.10	0.02	32	177.00	0.00
2.20	0.02	38	177.01	0.00
2.30	0.02	44	177.01	0.00
2.40	0.02	51	177.01	0.00
2.50	0.02	58	177.01	0.00
2.60	0.02	65	177.01	0.00
2.70	0.02	73	177.01	0.00
2.80	0.02	81	177.01	0.00
2.90	0.02	89	177.01	0.00
3.00	0.02	98	177.01	0.00
3.10	0.03	107	177.02	0.00
3.20	0.03	117	177.02	0.00
3.30	0.03	126	177.02	0.00
3.40	0.03	137	177.02	0.00
3.50	0.03	147	177.02	0.00
3.60	0.03	158	177.02	0.00
3.70	0.03	169	177.02	0.00
3.80	0.03	180	177.03	0.00
3.90	0.03	191	177.03	0.00
4.00	0.03	203	177.03	0.00
4.10	0.03	215	177.03	0.00
4.20	0.03	228	177.03	0.00
4.30	0.04	241	177.03	0.00
4.40	0.04	253	177.04	0.00
4.50	0.04	267	177.04	0.00
4.60	0.04	280	177.04	0.00
4.70	0.04	294	177.04	0.00
4.80	0.04	308	177.04	0.00
4.90	0.04	322	177.05	0.00
5.00	0.04	336	177.05	0.00
5.10	0.04	351	177.05	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	366	177.05	0.00
5.30	0.04	381	177.05	0.00
5.40	0.04	396	177.06	0.00
5.50	0.04	412	177.06	0.00
5.60	0.04	428	177.06	0.00
5.70	0.04	444	177.06	0.00
5.80	0.05	460	177.07	0.00
5.90	0.05	476	177.07	0.00
6.00	0.05	493	177.07	0.00
6.10	0.05	510	177.07	0.00
6.20	0.05	528	177.07	0.00
6.30	0.05	546	177.08	0.00
6.40	0.05	564	177.08	0.00
6.50	0.05	584	177.08	0.00
6.60	0.06	603	177.09	0.00
6.70	0.06	624	177.09	0.00
6.80	0.06	644	177.09	0.00
6.90	0.06	666	177.09	0.00
7.00	0.06	688	177.10	0.00
7.10	0.06	710	177.10	0.00
7.20	0.06	733	177.10	0.00
7.30	0.07	756	177.11	0.00
7.40	0.07	781	177.11	0.00
7.50	0.07	805	177.11	0.00
7.60	0.07	830	177.12	0.00
7.70	0.07	856	177.12	0.00
7.80	0.07	882	177.13	0.00
7.90	0.08	909	177.13	0.00
8.00	0.08	937	177.13	0.00
8.10	0.08	965	177.14	0.00
8.20	0.08	993	177.14	0.00
8.30	0.08	1,022	177.14	0.00
8.40	0.08	1,052	177.15	0.00
8.50	0.08	1,082	177.15	0.00
8.60	0.09	1,113	177.16	0.00
8.70	0.09	1,144	177.16	0.00
8.80	0.09	1,176	177.17	0.00
8.90	0.09	1,208	177.17	0.00
9.00	0.09	1,241	177.18	0.00
9.10	0.10	1,276	177.18	0.00
9.20	0.10	1,312	177.19	0.00
9.30	0.11	1,350	177.19	0.00
9.40	0.11	1,390	177.20	0.00
9.50	0.12	1,432	177.20	0.00
9.60	0.12	1,476	177.21	0.00
9.70	0.13	1,522	177.22	0.00
9.80	0.13	1,570	177.22	0.00
9.90	0.14	1,619	177.23	0.00
10.00	0.15	1,671	177.24	0.00
10.10	0.15	1,724	177.24	0.00
10.20	0.16	1,780	177.25	0.00
10.30	0.17	1,838	177.26	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.17	1,900	177.27	0.00
10.50	0.18	1,964	177.28	0.00
10.60	0.21	2,036	177.29	0.00
10.70	0.23	2,116	177.30	0.00
10.80	0.26	2,206	177.31	0.00
10.90	0.29	2,306	177.33	0.00
11.00	0.32	2,417	177.34	0.00
11.10	0.37	2,543	177.36	0.00
11.20	0.42	2,687	177.38	0.00
11.30	0.48	2,852	177.40	0.00
11.40	0.54	3,038	177.43	0.00
11.50	0.61	3,246	177.46	0.00
11.60	0.89	3,531	177.50	0.00
11.70	1.03	3,877	177.55	0.00
11.80	1.42	4,331	177.61	0.01
11.90	2.04	4,963	177.70	0.03
12.00	3.49	5,987	177.85	0.07
12.10	5.71	7,715	178.09	0.11
12.20	4.16	9,313	178.32	0.13
12.30	3.11	10,568	178.50	0.15
12.40	2.17	11,437	178.62	0.16
12.50	1.75	12,077	178.71	0.17
12.60	1.32	12,551	178.78	0.17
12.70	1.09	12,919	178.83	0.18
12.80	0.95	13,217	178.87	0.18
12.90	0.85	13,471	178.91	0.20
13.00	0.77	13,673	178.94	0.29
13.10	0.69	13,812	178.96	0.37
13.20	0.62	13,901	178.97	0.44
13.30	0.57	13,951	178.98	0.48
13.40	0.53	13,973	178.98	0.49
13.50	0.48	13,975	178.98	0.49
13.60	0.44	13,963	178.98	0.49
13.70	0.41	13,944	178.98	0.47
13.80	0.39	13,922	178.97	0.45
13.90	0.38	13,901	178.97	0.44
14.00	0.37	13,881	178.97	0.42
14.10	0.36	13,863	178.96	0.41
14.20	0.35	13,845	178.96	0.39
14.30	0.33	13,828	178.96	0.38
14.40	0.32	13,811	178.96	0.37
14.50	0.31	13,793	178.96	0.36
14.60	0.30	13,775	178.95	0.35
14.70	0.29	13,756	178.95	0.34
14.80	0.27	13,737	178.95	0.33
14.90	0.26	13,718	178.94	0.32
15.00	0.25	13,698	178.94	0.31
15.10	0.24	13,677	178.94	0.29
15.20	0.23	13,658	178.94	0.28
15.30	0.23	13,640	178.93	0.27
15.40	0.22	13,624	178.93	0.26
15.50	0.22	13,610	178.93	0.26

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.22	13,597	178.93	0.25
15.70	0.21	13,586	178.93	0.24
15.80	0.21	13,576	178.92	0.24
15.90	0.21	13,566	178.92	0.23
16.00	0.20	13,558	178.92	0.23
16.10	0.20	13,550	178.92	0.22
16.20	0.20	13,542	178.92	0.22
16.30	0.20	13,534	178.92	0.22
16.40	0.19	13,526	178.92	0.22
16.50	0.19	13,517	178.92	0.21
16.60	0.19	13,508	178.91	0.21
16.70	0.18	13,499	178.91	0.21
16.80	0.18	13,489	178.91	0.21
16.90	0.18	13,480	178.91	0.20
17.00	0.17	13,470	178.91	0.20
17.10	0.17	13,460	178.91	0.20
17.20	0.17	13,450	178.91	0.19
17.30	0.16	13,440	178.90	0.19
17.40	0.16	13,429	178.90	0.19
17.50	0.16	13,419	178.90	0.19
17.60	0.15	13,408	178.90	0.18
17.70	0.15	13,397	178.90	0.18
17.80	0.15	13,385	178.90	0.18
17.90	0.14	13,372	178.90	0.18
18.00	0.14	13,357	178.89	0.18
18.10	0.14	13,342	178.89	0.18
18.20	0.14	13,326	178.89	0.18
18.30	0.13	13,309	178.89	0.18
18.40	0.13	13,292	178.88	0.18
18.50	0.13	13,274	178.88	0.18
18.60	0.13	13,257	178.88	0.18
18.70	0.13	13,239	178.88	0.18
18.80	0.13	13,221	178.87	0.18
18.90	0.13	13,203	178.87	0.18
19.00	0.13	13,184	178.87	0.18
19.10	0.13	13,166	178.87	0.18
19.20	0.13	13,147	178.86	0.18
19.30	0.13	13,128	178.86	0.18
19.40	0.13	13,108	178.86	0.18
19.50	0.12	13,089	178.86	0.18
19.60	0.12	13,069	178.85	0.18
19.70	0.12	13,049	178.85	0.18
19.80	0.12	13,029	178.85	0.18
19.90	0.12	13,009	178.84	0.18
20.00	0.12	12,988	178.84	0.18
20.10	0.12	12,968	178.84	0.18
20.20	0.12	12,947	178.84	0.18
20.30	0.12	12,926	178.83	0.18
20.40	0.12	12,904	178.83	0.18
20.50	0.12	12,883	178.83	0.18
20.60	0.12	12,861	178.82	0.18
20.70	0.12	12,839	178.82	0.18

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	12,817	178.82	0.18
20.90	0.11	12,795	178.81	0.18
21.00	0.11	12,772	178.81	0.18
21.10	0.11	12,749	178.81	0.18
21.20	0.11	12,726	178.80	0.18
21.30	0.11	12,703	178.80	0.17
21.40	0.11	12,680	178.80	0.17
21.50	0.11	12,656	178.79	0.17
21.60	0.11	12,633	178.79	0.17
21.70	0.11	12,609	178.79	0.17
21.80	0.11	12,585	178.78	0.17
21.90	0.11	12,560	178.78	0.17
22.00	0.10	12,536	178.78	0.17
22.10	0.10	12,511	178.77	0.17
22.20	0.10	12,486	178.77	0.17
22.30	0.10	12,461	178.77	0.17
22.40	0.10	12,436	178.76	0.17
22.50	0.10	12,410	178.76	0.17
22.60	0.10	12,385	178.76	0.17
22.70	0.10	12,359	178.75	0.17
22.80	0.10	12,333	178.75	0.17
22.90	0.10	12,307	178.74	0.17
23.00	0.10	12,280	178.74	0.17
23.10	0.10	12,254	178.74	0.17
23.20	0.09	12,227	178.73	0.17
23.30	0.09	12,200	178.73	0.17
23.40	0.09	12,173	178.73	0.17
23.50	0.09	12,145	178.72	0.17
23.60	0.09	12,118	178.72	0.17
23.70	0.09	12,090	178.71	0.17
23.80	0.09	12,062	178.71	0.17
23.90	0.09	12,034	178.71	0.17
24.00	0.10	12,008	178.70	0.17
24.10	0.05	11,972	178.70	0.17
24.20	0.02	11,925	178.69	0.17
24.30	0.01	11,870	178.68	0.17
24.40	0.00	11,812	178.67	0.16
24.50	0.00	11,753	178.67	0.16
24.60	0.00	11,694	178.66	0.16
24.70	0.00	11,635	178.65	0.16
24.80	0.00	11,577	178.64	0.16
24.90	0.00	11,519	178.63	0.16
25.00	0.00	11,460	178.62	0.16
25.10	0.00	11,403	178.62	0.16
25.20	0.00	11,345	178.61	0.16
25.30	0.00	11,288	178.60	0.16
25.40	0.00	11,231	178.59	0.16
25.50	0.00	11,174	178.58	0.16
25.60	0.00	11,118	178.58	0.16
25.70	0.00	11,061	178.57	0.16
25.80	0.00	11,005	178.56	0.16
25.90	0.00	10,949	178.55	0.15

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,894	178.54	0.15
26.10	0.00	10,839	178.54	0.15
26.20	0.00	10,783	178.53	0.15
26.30	0.00	10,729	178.52	0.15
26.40	0.00	10,674	178.51	0.15
26.50	0.00	10,620	178.51	0.15
26.60	0.00	10,566	178.50	0.15
26.70	0.00	10,512	178.49	0.15
26.80	0.00	10,458	178.48	0.15
26.90	0.00	10,405	178.47	0.15
27.00	0.00	10,352	178.47	0.15
27.10	0.00	10,299	178.46	0.15
27.20	0.00	10,247	178.45	0.15
27.30	0.00	10,194	178.44	0.15
27.40	0.00	10,142	178.44	0.14
27.50	0.00	10,090	178.43	0.14
27.60	0.00	10,039	178.42	0.14
27.70	0.00	9,987	178.42	0.14
27.80	0.00	9,936	178.41	0.14
27.90	0.00	9,885	178.40	0.14
28.00	0.00	9,835	178.39	0.14
28.10	0.00	9,784	178.39	0.14
28.20	0.00	9,734	178.38	0.14
28.30	0.00	9,684	178.37	0.14
28.40	0.00	9,635	178.37	0.14
28.50	0.00	9,586	178.36	0.14
28.60	0.00	9,536	178.35	0.14
28.70	0.00	9,488	178.34	0.14
28.80	0.00	9,439	178.34	0.13
28.90	0.00	9,391	178.33	0.13
29.00	0.00	9,342	178.32	0.13
29.10	0.00	9,295	178.32	0.13
29.20	0.00	9,247	178.31	0.13
29.30	0.00	9,200	178.30	0.13
29.40	0.00	9,152	178.30	0.13
29.50	0.00	9,105	178.29	0.13
29.60	0.00	9,059	178.28	0.13
29.70	0.00	9,012	178.28	0.13
29.80	0.00	8,966	178.27	0.13
29.90	0.00	8,920	178.26	0.13
30.00	0.00	8,875	178.26	0.13
30.10	0.00	8,829	178.25	0.13
30.20	0.00	8,784	178.25	0.13
30.30	0.00	8,739	178.24	0.12
30.40	0.00	8,695	178.23	0.12
30.50	0.00	8,650	178.23	0.12
30.60	0.00	8,606	178.22	0.12
30.70	0.00	8,562	178.21	0.12
30.80	0.00	8,518	178.21	0.12
30.90	0.00	8,475	178.20	0.12
31.00	0.00	8,432	178.20	0.12
31.10	0.00	8,389	178.19	0.12

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,346	178.18	0.12
31.30	0.00	8,304	178.18	0.12
31.40	0.00	8,262	178.17	0.12
31.50	0.00	8,220	178.17	0.12
31.60	0.00	8,178	178.16	0.12
31.70	0.00	8,137	178.15	0.11
31.80	0.00	8,095	178.15	0.11
31.90	0.00	8,054	178.14	0.11
32.00	0.00	8,014	178.14	0.11
32.10	0.00	7,973	178.13	0.11
32.20	0.00	7,933	178.12	0.11
32.30	0.00	7,893	178.12	0.11
32.40	0.00	7,853	178.11	0.11
32.50	0.00	7,814	178.11	0.11
32.60	0.00	7,775	178.10	0.11
32.70	0.00	7,736	178.10	0.11
32.80	0.00	7,697	178.09	0.11
32.90	0.00	7,659	178.09	0.11
33.00	0.00	7,620	178.08	0.11
33.10	0.00	7,582	178.07	0.11
33.20	0.00	7,545	178.07	0.10
33.30	0.00	7,507	178.06	0.10
33.40	0.00	7,470	178.06	0.10
33.50	0.00	7,433	178.05	0.10
33.60	0.00	7,396	178.05	0.10
33.70	0.00	7,360	178.04	0.10
33.80	0.00	7,323	178.04	0.10
33.90	0.00	7,287	178.03	0.10
34.00	0.00	7,252	178.03	0.10
34.10	0.00	7,216	178.02	0.10
34.20	0.00	7,181	178.02	0.10
34.30	0.00	7,146	178.01	0.10
34.40	0.00	7,111	178.01	0.10
34.50	0.00	7,077	178.00	0.10
34.60	0.00	7,042	178.00	0.09
34.70	0.00	7,008	177.99	0.09
34.80	0.00	6,975	177.99	0.09
34.90	0.00	6,941	177.98	0.09
35.00	0.00	6,908	177.98	0.09
35.10	0.00	6,875	177.97	0.09
35.20	0.00	6,842	177.97	0.09
35.30	0.00	6,809	177.97	0.09
35.40	0.00	6,777	177.96	0.09
35.50	0.00	6,745	177.96	0.09
35.60	0.00	6,713	177.95	0.09
35.70	0.00	6,682	177.95	0.09
35.80	0.00	6,651	177.94	0.09
35.90	0.00	6,619	177.94	0.09
36.00	0.00	6,589	177.93	0.09
36.10	0.00	6,558	177.93	0.08
36.20	0.00	6,528	177.93	0.08
36.30	0.00	6,498	177.92	0.08

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,468	177.92	0.08
36.50	0.00	6,438	177.91	0.08
36.60	0.00	6,409	177.91	0.08
36.70	0.00	6,380	177.90	0.08
36.80	0.00	6,351	177.90	0.08
36.90	0.00	6,323	177.90	0.08
37.00	0.00	6,294	177.89	0.08
37.10	0.00	6,266	177.89	0.08
37.20	0.00	6,238	177.88	0.08
37.30	0.00	6,211	177.88	0.08
37.40	0.00	6,183	177.88	0.08
37.50	0.00	6,156	177.87	0.07
37.60	0.00	6,130	177.87	0.07
37.70	0.00	6,103	177.87	0.07
37.80	0.00	6,077	177.86	0.07
37.90	0.00	6,051	177.86	0.07
38.00	0.00	6,025	177.85	0.07
38.10	0.00	5,999	177.85	0.07
38.20	0.00	5,974	177.85	0.07
38.30	0.00	5,949	177.84	0.07
38.40	0.00	5,924	177.84	0.07
38.50	0.00	5,899	177.84	0.07
38.60	0.00	5,875	177.83	0.07
38.70	0.00	5,851	177.83	0.07
38.80	0.00	5,827	177.83	0.07
38.90	0.00	5,803	177.82	0.07
39.00	0.00	5,780	177.82	0.06
39.10	0.00	5,757	177.82	0.06
39.20	0.00	5,734	177.81	0.06
39.30	0.00	5,711	177.81	0.06
39.40	0.00	5,689	177.81	0.06
39.50	0.00	5,667	177.80	0.06
39.60	0.00	5,645	177.80	0.06
39.70	0.00	5,623	177.80	0.06
39.80	0.00	5,602	177.79	0.06
39.90	0.00	5,581	177.79	0.06
40.00	0.00	5,560	177.79	0.06

Stage-Discharge for Pond B-43: Basin #43

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
177.00	0.00	177.52	0.00	178.04	0.10	178.56	0.16
177.01	0.00	177.53	0.00	178.05	0.10	178.57	0.16
177.02	0.00	177.54	0.00	178.06	0.10	178.58	0.16
177.03	0.00	177.55	0.00	178.07	0.10	178.59	0.16
177.04	0.00	177.56	0.00	178.08	0.11	178.60	0.16
177.05	0.00	177.57	0.00	178.09	0.11	178.61	0.16
177.06	0.00	177.58	0.00	178.10	0.11	178.62	0.16
177.07	0.00	177.59	0.00	178.11	0.11	178.63	0.16
177.08	0.00	177.60	0.00	178.12	0.11	178.64	0.16
177.09	0.00	177.61	0.00	178.13	0.11	178.65	0.16
177.10	0.00	177.62	0.01	178.14	0.11	178.66	0.16
177.11	0.00	177.63	0.01	178.15	0.11	178.67	0.16
177.12	0.00	177.64	0.01	178.16	0.12	178.68	0.17
177.13	0.00	177.65	0.01	178.17	0.12	178.69	0.17
177.14	0.00	177.66	0.02	178.18	0.12	178.70	0.17
177.15	0.00	177.67	0.02	178.19	0.12	178.71	0.17
177.16	0.00	177.68	0.02	178.20	0.12	178.72	0.17
177.17	0.00	177.69	0.03	178.21	0.12	178.73	0.17
177.18	0.00	177.70	0.03	178.22	0.12	178.74	0.17
177.19	0.00	177.71	0.03	178.23	0.12	178.75	0.17
177.20	0.00	177.72	0.04	178.24	0.12	178.76	0.17
177.21	0.00	177.73	0.04	178.25	0.13	178.77	0.17
177.22	0.00	177.74	0.05	178.26	0.13	178.78	0.17
177.23	0.00	177.75	0.05	178.27	0.13	178.79	0.17
177.24	0.00	177.76	0.05	178.28	0.13	178.80	0.17
177.25	0.00	177.77	0.05	178.29	0.13	178.81	0.18
177.26	0.00	177.78	0.06	178.30	0.13	178.82	0.18
177.27	0.00	177.79	0.06	178.31	0.13	178.83	0.18
177.28	0.00	177.80	0.06	178.32	0.13	178.84	0.18
177.29	0.00	177.81	0.06	178.33	0.13	178.85	0.18
177.30	0.00	177.82	0.06	178.34	0.13	178.86	0.18
177.31	0.00	177.83	0.07	178.35	0.14	178.87	0.18
177.32	0.00	177.84	0.07	178.36	0.14	178.88	0.18
177.33	0.00	177.85	0.07	178.37	0.14	178.89	0.18
177.34	0.00	177.86	0.07	178.38	0.14	178.90	0.18
177.35	0.00	177.87	0.07	178.39	0.14	178.91	0.20
177.36	0.00	177.88	0.08	178.40	0.14	178.92	0.22
177.37	0.00	177.89	0.08	178.41	0.14	178.93	0.25
177.38	0.00	177.90	0.08	178.42	0.14	178.94	0.29
177.39	0.00	177.91	0.08	178.43	0.14	178.95	0.33
177.40	0.00	177.92	0.08	178.44	0.14	178.96	0.38
177.41	0.00	177.93	0.08	178.45	0.15	178.97	0.43
177.42	0.00	177.94	0.09	178.46	0.15	178.98	0.48
177.43	0.00	177.95	0.09	178.47	0.15	178.99	0.54
177.44	0.00	177.96	0.09	178.48	0.15	179.00	0.60
177.45	0.00	177.97	0.09	178.49	0.15	179.01	0.66
177.46	0.00	177.98	0.09	178.50	0.15	179.02	0.73
177.47	0.00	177.99	0.09	178.51	0.15	179.03	0.80
177.48	0.00	178.00	0.10	178.52	0.15	179.04	0.87
177.49	0.00	178.01	0.10	178.53	0.15	179.05	0.95
177.50	0.00	178.02	0.10	178.54	0.15	179.06	1.02
177.51	0.00	178.03	0.10	178.55	0.15	179.07	1.10

Stage-Discharge for Pond B-43: Basin #43 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.08	1.19	179.60	7.62	180.12	14.91	180.64	22.29
179.09	1.27	179.61	7.78	180.13	14.93	180.65	22.99
179.10	1.35	179.62	7.93	180.14	14.96	180.66	23.71
179.11	1.44	179.63	8.09	180.15	14.98	180.67	24.46
179.12	1.53	179.64	8.25	180.16	15.01	180.68	25.22
179.13	1.62	179.65	8.41	180.17	15.03	180.69	26.01
179.14	1.72	179.66	8.57	180.18	15.05	180.70	26.82
179.15	1.81	179.67	8.73	180.19	15.08	180.71	27.69
179.16	1.91	179.68	8.89	180.20	15.10	180.72	28.58
179.17	2.01	179.69	9.06	180.21	15.13	180.73	29.50
179.18	2.11	179.70	9.22	180.22	15.15	180.74	30.45
179.19	2.22	179.71	9.38	180.23	15.17	180.75	31.42
179.20	2.32	179.72	9.55	180.24	15.20	180.76	32.42
179.21	2.43	179.73	9.72	180.25	15.22	180.77	33.44
179.22	2.53	179.74	9.88	180.26	15.24	180.78	34.48
179.23	2.64	179.75	10.05	180.27	15.27	180.79	35.55
179.24	2.76	179.76	10.22	180.28	15.29	180.80	36.65
179.25	2.87	179.77	10.39	180.29	15.32	180.81	37.76
179.26	2.98	179.78	10.56	180.30	15.34	180.82	38.91
179.27	3.10	179.79	10.73	180.31	15.36	180.83	40.08
179.28	3.21	179.80	10.91	180.32	15.39	180.84	41.27
179.29	3.33	179.81	11.08	180.33	15.41	180.85	42.48
179.30	3.45	179.82	11.25	180.34	15.43	180.86	43.72
179.31	3.57	179.83	11.43	180.35	15.46	180.87	44.99
179.32	3.70	179.84	11.60	180.36	15.48	180.88	46.28
179.33	3.82	179.85	11.78	180.37	15.50	180.89	47.59
179.34	3.95	179.86	11.96	180.38	15.53	180.90	48.93
179.35	4.07	179.87	12.13	180.39	15.55	180.91	50.31
179.36	4.20	179.88	12.31	180.40	15.57	180.92	51.73
179.37	4.33	179.89	12.49	180.41	15.60	180.93	53.17
179.38	4.46	179.90	12.67	180.42	15.62	180.94	54.63
179.39	4.59	179.91	12.85	180.43	15.64	180.95	56.12
179.40	4.73	179.92	13.03	180.44	15.67	180.96	57.64
179.41	4.86	179.93	13.22	180.45	15.69	180.97	59.19
179.42	4.99	179.94	13.40	180.46	15.71	180.98	60.76
179.43	5.13	179.95	13.58	180.47	15.74	180.99	62.35
179.44	5.27	179.96	13.77	180.48	15.76	181.00	63.98
179.45	5.41	179.97	13.95	180.49	15.78		
179.46	5.55	179.98	14.14	180.50	15.80		
179.47	5.69	179.99	14.32	180.51	15.94		
179.48	5.83	180.00	14.51	180.52	16.18		
179.49	5.97	180.01	14.64	180.53	16.48		
179.50	6.12	180.02	14.66	180.54	16.83		
179.51	6.26	180.03	14.69	180.55	17.23		
179.52	6.41	180.04	14.71	180.56	17.67		
179.53	6.56	180.05	14.74	180.57	18.14		
179.54	6.71	180.06	14.76	180.58	18.64		
179.55	6.86	180.07	14.79	180.59	19.18		
179.56	7.01	180.08	14.81	180.60	19.75		
179.57	7.16	180.09	14.84	180.61	20.35		
179.58	7.31	180.10	14.86	180.62	20.97		
179.59	7.47	180.11	14.88	180.63	21.62		

Stage-Area-Storage for Pond B-43: Basin #43

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.00	7,055	0	177.52	7,055	3,669
177.01	7,055	71	177.53	7,055	3,739
177.02	7,055	141	177.54	7,055	3,810
177.03	7,055	212	177.55	7,055	3,880
177.04	7,055	282	177.56	7,055	3,951
177.05	7,055	353	177.57	7,055	4,021
177.06	7,055	423	177.58	7,055	4,092
177.07	7,055	494	177.59	7,055	4,162
177.08	7,055	564	177.60	7,055	4,233
177.09	7,055	635	177.61	7,055	4,304
177.10	7,055	705	177.62	7,055	4,374
177.11	7,055	776	177.63	7,055	4,445
177.12	7,055	847	177.64	7,055	4,515
177.13	7,055	917	177.65	7,055	4,586
177.14	7,055	988	177.66	7,055	4,656
177.15	7,055	1,058	177.67	7,055	4,727
177.16	7,055	1,129	177.68	7,055	4,797
177.17	7,055	1,199	177.69	7,055	4,868
177.18	7,055	1,270	177.70	7,055	4,938
177.19	7,055	1,340	177.71	7,055	5,009
177.20	7,055	1,411	177.72	7,055	5,080
177.21	7,055	1,482	177.73	7,055	5,150
177.22	7,055	1,552	177.74	7,055	5,221
177.23	7,055	1,623	177.75	7,055	5,291
177.24	7,055	1,693	177.76	7,055	5,362
177.25	7,055	1,764	177.77	7,055	5,432
177.26	7,055	1,834	177.78	7,055	5,503
177.27	7,055	1,905	177.79	7,055	5,573
177.28	7,055	1,975	177.80	7,055	5,644
177.29	7,055	2,046	177.81	7,055	5,715
177.30	7,055	2,117	177.82	7,055	5,785
177.31	7,055	2,187	177.83	7,055	5,856
177.32	7,055	2,258	177.84	7,055	5,926
177.33	7,055	2,328	177.85	7,055	5,997
177.34	7,055	2,399	177.86	7,055	6,067
177.35	7,055	2,469	177.87	7,055	6,138
177.36	7,055	2,540	177.88	7,055	6,208
177.37	7,055	2,610	177.89	7,055	6,279
177.38	7,055	2,681	177.90	7,055	6,350
177.39	7,055	2,751	177.91	7,055	6,420
177.40	7,055	2,822	177.92	7,055	6,491
177.41	7,055	2,893	177.93	7,055	6,561
177.42	7,055	2,963	177.94	7,055	6,632
177.43	7,055	3,034	177.95	7,055	6,702
177.44	7,055	3,104	177.96	7,055	6,773
177.45	7,055	3,175	177.97	7,055	6,843
177.46	7,055	3,245	177.98	7,055	6,914
177.47	7,055	3,316	177.99	7,055	6,984
177.48	7,055	3,386	178.00	7,055	7,055
177.49	7,055	3,457	178.01	7,055	7,126
177.50	7,055	3,528	178.02	7,055	7,196
177.51	7,055	3,598	178.03	7,055	7,267

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.04	7,055	7,337	178.56	7,055	11,006
178.05	7,055	7,408	178.57	7,055	11,076
178.06	7,055	7,478	178.58	7,055	11,147
178.07	7,055	7,549	178.59	7,055	11,217
178.08	7,055	7,619	178.60	7,055	11,288
178.09	7,055	7,690	178.61	7,055	11,359
178.10	7,055	7,760	178.62	7,055	11,429
178.11	7,055	7,831	178.63	7,055	11,500
178.12	7,055	7,902	178.64	7,055	11,570
178.13	7,055	7,972	178.65	7,055	11,641
178.14	7,055	8,043	178.66	7,055	11,711
178.15	7,055	8,113	178.67	7,055	11,782
178.16	7,055	8,184	178.68	7,055	11,852
178.17	7,055	8,254	178.69	7,055	11,923
178.18	7,055	8,325	178.70	7,055	11,993
178.19	7,055	8,395	178.71	7,055	12,064
178.20	7,055	8,466	178.72	7,055	12,135
178.21	7,055	8,537	178.73	7,055	12,205
178.22	7,055	8,607	178.74	7,055	12,276
178.23	7,055	8,678	178.75	7,055	12,346
178.24	7,055	8,748	178.76	7,055	12,417
178.25	7,055	8,819	178.77	7,055	12,487
178.26	7,055	8,889	178.78	7,055	12,558
178.27	7,055	8,960	178.79	7,055	12,628
178.28	7,055	9,030	178.80	7,055	12,699
178.29	7,055	9,101	178.81	7,055	12,770
178.30	7,055	9,172	178.82	7,055	12,840
178.31	7,055	9,242	178.83	7,055	12,911
178.32	7,055	9,313	178.84	7,055	12,981
178.33	7,055	9,383	178.85	7,055	13,052
178.34	7,055	9,454	178.86	7,055	13,122
178.35	7,055	9,524	178.87	7,055	13,193
178.36	7,055	9,595	178.88	7,055	13,263
178.37	7,055	9,665	178.89	7,055	13,334
178.38	7,055	9,736	178.90	7,055	13,405
178.39	7,055	9,806	178.91	7,055	13,475
178.40	7,055	9,877	178.92	7,055	13,546
178.41	7,055	9,948	178.93	7,055	13,616
178.42	7,055	10,018	178.94	7,055	13,687
178.43	7,055	10,089	178.95	7,055	13,757
178.44	7,055	10,159	178.96	7,055	13,828
178.45	7,055	10,230	178.97	7,055	13,898
178.46	7,055	10,300	178.98	7,055	13,969
178.47	7,055	10,371	178.99	7,055	14,039
178.48	7,055	10,441	179.00	7,055	14,110
178.49	7,055	10,512	179.01	7,055	14,181
178.50	7,055	10,583	179.02	7,055	14,251
178.51	7,055	10,653	179.03	7,055	14,322
178.52	7,055	10,724	179.04	7,055	14,392
178.53	7,055	10,794	179.05	7,055	14,463
178.54	7,055	10,865	179.06	7,055	14,533
178.55	7,055	10,935	179.07	7,055	14,604

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.08	7,055	14,674	179.60	7,055	18,343
179.09	7,055	14,745	179.61	7,055	18,414
179.10	7,055	14,815	179.62	7,055	18,484
179.11	7,055	14,886	179.63	7,055	18,555
179.12	7,055	14,957	179.64	7,055	18,625
179.13	7,055	15,027	179.65	7,055	18,696
179.14	7,055	15,098	179.66	7,055	18,766
179.15	7,055	15,168	179.67	7,055	18,837
179.16	7,055	15,239	179.68	7,055	18,907
179.17	7,055	15,309	179.69	7,055	18,978
179.18	7,055	15,380	179.70	7,055	19,048
179.19	7,055	15,450	179.71	7,055	19,119
179.20	7,055	15,521	179.72	7,055	19,190
179.21	7,055	15,592	179.73	7,055	19,260
179.22	7,055	15,662	179.74	7,055	19,331
179.23	7,055	15,733	179.75	7,055	19,401
179.24	7,055	15,803	179.76	7,055	19,472
179.25	7,055	15,874	179.77	7,055	19,542
179.26	7,055	15,944	179.78	7,055	19,613
179.27	7,055	16,015	179.79	7,055	19,683
179.28	7,055	16,085	179.80	7,055	19,754
179.29	7,055	16,156	179.81	7,055	19,825
179.30	7,055	16,227	179.82	7,055	19,895
179.31	7,055	16,297	179.83	7,055	19,966
179.32	7,055	16,368	179.84	7,055	20,036
179.33	7,055	16,438	179.85	7,055	20,107
179.34	7,055	16,509	179.86	7,055	20,177
179.35	7,055	16,579	179.87	7,055	20,248
179.36	7,055	16,650	179.88	7,055	20,318
179.37	7,055	16,720	179.89	7,055	20,389
179.38	7,055	16,791	179.90	7,055	20,460
179.39	7,055	16,861	179.91	7,055	20,530
179.40	7,055	16,932	179.92	7,055	20,601
179.41	7,055	17,003	179.93	7,055	20,671
179.42	7,055	17,073	179.94	7,055	20,742
179.43	7,055	17,144	179.95	7,055	20,812
179.44	7,055	17,214	179.96	7,055	20,883
179.45	7,055	17,285	179.97	7,055	20,953
179.46	7,055	17,355	179.98	7,055	21,024
179.47	7,055	17,426	179.99	7,055	21,094
179.48	7,055	17,496	180.00	7,055	21,165
179.49	7,055	17,567	180.01	7,055	21,236
179.50	7,055	17,638	180.02	7,055	21,306
179.51	7,055	17,708	180.03	7,055	21,377
179.52	7,055	17,779	180.04	7,055	21,447
179.53	7,055	17,849	180.05	7,055	21,518
179.54	7,055	17,920	180.06	7,055	21,588
179.55	7,055	17,990	180.07	7,055	21,659
179.56	7,055	18,061	180.08	7,055	21,729
179.57	7,055	18,131	180.09	7,055	21,800
179.58	7,055	18,202	180.10	7,055	21,870
179.59	7,055	18,272	180.11	7,055	21,941

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.12	7,055	22,012	180.64	7,055	25,680
180.13	7,055	22,082	180.65	7,055	25,751
180.14	7,055	22,153	180.66	7,055	25,821
180.15	7,055	22,223	180.67	7,055	25,892
180.16	7,055	22,294	180.68	7,055	25,962
180.17	7,055	22,364	180.69	7,055	26,033
180.18	7,055	22,435	180.70	7,055	26,103
180.19	7,055	22,505	180.71	7,055	26,174
180.20	7,055	22,576	180.72	7,055	26,245
180.21	7,055	22,647	180.73	7,055	26,315
180.22	7,055	22,717	180.74	7,055	26,386
180.23	7,055	22,788	180.75	7,055	26,456
180.24	7,055	22,858	180.76	7,055	26,527
180.25	7,055	22,929	180.77	7,055	26,597
180.26	7,055	22,999	180.78	7,055	26,668
180.27	7,055	23,070	180.79	7,055	26,738
180.28	7,055	23,140	180.80	7,055	26,809
180.29	7,055	23,211	180.81	7,055	26,880
180.30	7,055	23,282	180.82	7,055	26,950
180.31	7,055	23,352	180.83	7,055	27,021
180.32	7,055	23,423	180.84	7,055	27,091
180.33	7,055	23,493	180.85	7,055	27,162
180.34	7,055	23,564	180.86	7,055	27,232
180.35	7,055	23,634	180.87	7,055	27,303
180.36	7,055	23,705	180.88	7,055	27,373
180.37	7,055	23,775	180.89	7,055	27,444
180.38	7,055	23,846	180.90	7,055	27,515
180.39	7,055	23,916	180.91	7,055	27,585
180.40	7,055	23,987	180.92	7,055	27,656
180.41	7,055	24,058	180.93	7,055	27,726
180.42	7,055	24,128	180.94	7,055	27,797
180.43	7,055	24,199	180.95	7,055	27,867
180.44	7,055	24,269	180.96	7,055	27,938
180.45	7,055	24,340	180.97	7,055	28,008
180.46	7,055	24,410	180.98	7,055	28,079
180.47	7,055	24,481	180.99	7,055	28,149
180.48	7,055	24,551	181.00	7,055	28,220
180.49	7,055	24,622			
180.50	7,055	24,693			
180.51	7,055	24,763			
180.52	7,055	24,834			
180.53	7,055	24,904			
180.54	7,055	24,975			
180.55	7,055	25,045			
180.56	7,055	25,116			
180.57	7,055	25,186			
180.58	7,055	25,257			
180.59	7,055	25,327			
180.60	7,055	25,398			
180.61	7,055	25,469			
180.62	7,055	25,539			
180.63	7,055	25,610			

Summary for Pond B-44: Basin #44

Inflow Area = 1.184 ac, 34.71% Impervious, Inflow Depth = 2.23" for Future 2 yr event
 Inflow = 2.69 cfs @ 12.17 hrs, Volume= 0.220 af
 Outflow = 0.11 cfs @ 14.94 hrs, Volume= 0.164 af, Atten= 96%, Lag= 165.9 min
 Primary = 0.11 cfs @ 14.94 hrs, Volume= 0.164 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 166.81' @ 14.94 hrs Surf.Area= 7,939 sf Storage= 6,459 cf

Plug-Flow detention time= 627.0 min calculated for 0.164 af (75% of inflow)
 Center-of-Mass det. time= 531.5 min (1,332.9 - 801.4)

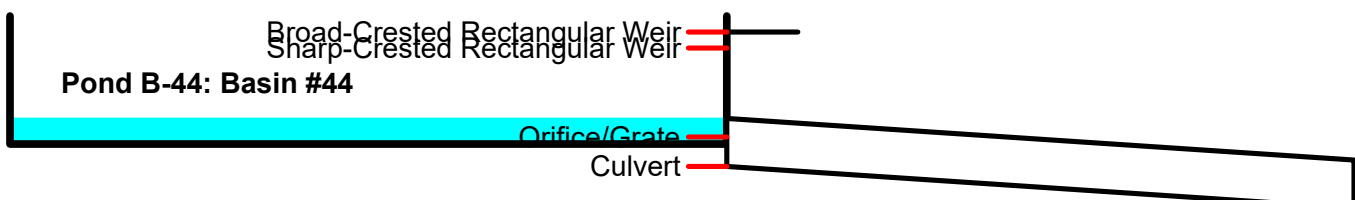
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	31,756 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

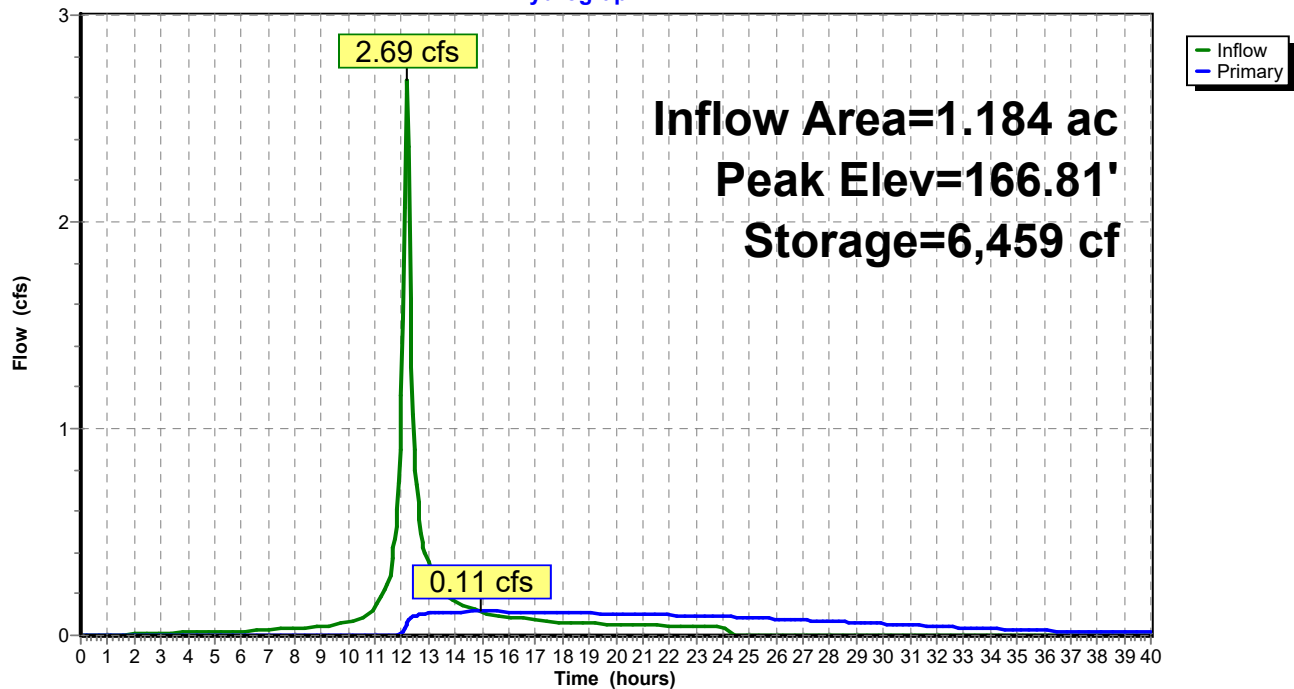
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,939	0	0
167.00	7,939	7,939	7,939
168.00	7,939	7,939	15,878
169.00	7,939	7,939	23,817
170.00	7,939	7,939	31,756

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 44.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0295 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.11 cfs @ 14.94 hrs HW=166.81' (Free Discharge)

1=Culvert (Passes 0.11 cfs of 7.43 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.11 cfs @ 3.37 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-44: Basin #44**Hydrograph**

Hydrograph for Pond B-44: Basin #44

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	0	166.00	0.00
1.10	0.00	0	166.00	0.00
1.20	0.00	0	166.00	0.00
1.30	0.00	0	166.00	0.00
1.40	0.00	1	166.00	0.00
1.50	0.00	2	166.00	0.00
1.60	0.00	3	166.00	0.00
1.70	0.00	4	166.00	0.00
1.80	0.00	6	166.00	0.00
1.90	0.01	7	166.00	0.00
2.00	0.01	9	166.00	0.00
2.10	0.01	12	166.00	0.00
2.20	0.01	14	166.00	0.00
2.30	0.01	16	166.00	0.00
2.40	0.01	19	166.00	0.00
2.50	0.01	22	166.00	0.00
2.60	0.01	25	166.00	0.00
2.70	0.01	28	166.00	0.00
2.80	0.01	32	166.00	0.00
2.90	0.01	35	166.00	0.00
3.00	0.01	39	166.00	0.00
3.10	0.01	43	166.01	0.00
3.20	0.01	47	166.01	0.00
3.30	0.01	51	166.01	0.00
3.40	0.01	55	166.01	0.00
3.50	0.01	60	166.01	0.00
3.60	0.01	65	166.01	0.00
3.70	0.01	69	166.01	0.00
3.80	0.01	74	166.01	0.00
3.90	0.01	79	166.01	0.00
4.00	0.01	84	166.01	0.00
4.10	0.01	90	166.01	0.00
4.20	0.02	95	166.01	0.00
4.30	0.02	100	166.01	0.00
4.40	0.02	106	166.01	0.00
4.50	0.02	112	166.01	0.00
4.60	0.02	118	166.01	0.00
4.70	0.02	124	166.02	0.00
4.80	0.02	130	166.02	0.00
4.90	0.02	136	166.02	0.00
5.00	0.02	142	166.02	0.00
5.10	0.02	149	166.02	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	155	166.02	0.00
5.30	0.02	162	166.02	0.00
5.40	0.02	169	166.02	0.00
5.50	0.02	175	166.02	0.00
5.60	0.02	182	166.02	0.00
5.70	0.02	189	166.02	0.00
5.80	0.02	196	166.02	0.00
5.90	0.02	204	166.03	0.00
6.00	0.02	211	166.03	0.00
6.10	0.02	218	166.03	0.00
6.20	0.02	226	166.03	0.00
6.30	0.02	234	166.03	0.00
6.40	0.02	242	166.03	0.00
6.50	0.02	250	166.03	0.00
6.60	0.02	259	166.03	0.00
6.70	0.02	267	166.03	0.00
6.80	0.03	276	166.03	0.00
6.90	0.03	286	166.04	0.00
7.00	0.03	295	166.04	0.00
7.10	0.03	305	166.04	0.00
7.20	0.03	315	166.04	0.00
7.30	0.03	325	166.04	0.00
7.40	0.03	336	166.04	0.00
7.50	0.03	346	166.04	0.00
7.60	0.03	357	166.04	0.00
7.70	0.03	368	166.05	0.00
7.80	0.03	380	166.05	0.00
7.90	0.03	391	166.05	0.00
8.00	0.03	403	166.05	0.00
8.10	0.03	416	166.05	0.00
8.20	0.03	428	166.05	0.00
8.30	0.04	441	166.06	0.00
8.40	0.04	454	166.06	0.00
8.50	0.04	467	166.06	0.00
8.60	0.04	480	166.06	0.00
8.70	0.04	494	166.06	0.00
8.80	0.04	508	166.06	0.00
8.90	0.04	522	166.07	0.00
9.00	0.04	536	166.07	0.00
9.10	0.04	551	166.07	0.00
9.20	0.04	566	166.07	0.00
9.30	0.05	582	166.07	0.00
9.40	0.05	599	166.08	0.00
9.50	0.05	617	166.08	0.00
9.60	0.05	636	166.08	0.00
9.70	0.06	655	166.08	0.00
9.80	0.06	675	166.09	0.00
9.90	0.06	696	166.09	0.00
10.00	0.06	718	166.09	0.00
10.10	0.06	741	166.09	0.00
10.20	0.07	765	166.10	0.00
10.30	0.07	790	166.10	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.08	817	166.10	0.00
10.50	0.08	844	166.11	0.00
10.60	0.09	874	166.11	0.00
10.70	0.10	906	166.11	0.00
10.80	0.11	943	166.12	0.00
10.90	0.12	983	166.12	0.00
11.00	0.13	1,029	166.13	0.00
11.10	0.15	1,080	166.14	0.00
11.20	0.17	1,137	166.14	0.00
11.30	0.20	1,204	166.15	0.00
11.40	0.22	1,280	166.16	0.00
11.50	0.25	1,366	166.17	0.00
11.60	0.31	1,465	166.18	0.00
11.70	0.42	1,598	166.20	0.00
11.80	0.53	1,767	166.22	0.00
11.90	0.73	1,990	166.25	0.00
12.00	1.16	2,320	166.29	0.01
12.10	2.07	2,879	166.36	0.03
12.20	2.62	3,755	166.47	0.06
12.30	1.62	4,492	166.57	0.08
12.40	1.06	4,936	166.62	0.09
12.50	0.79	5,232	166.66	0.09
12.60	0.65	5,457	166.69	0.10
12.70	0.49	5,624	166.71	0.10
12.80	0.43	5,751	166.72	0.10
12.90	0.39	5,860	166.74	0.11
13.00	0.35	5,953	166.75	0.11
13.10	0.31	6,034	166.76	0.11
13.20	0.28	6,101	166.77	0.11
13.30	0.26	6,158	166.78	0.11
13.40	0.24	6,208	166.78	0.11
13.50	0.22	6,250	166.79	0.11
13.60	0.20	6,284	166.79	0.11
13.70	0.18	6,312	166.80	0.11
13.80	0.17	6,335	166.80	0.11
13.90	0.17	6,356	166.80	0.11
14.00	0.16	6,375	166.80	0.11
14.10	0.16	6,392	166.81	0.11
14.20	0.15	6,407	166.81	0.11
14.30	0.15	6,420	166.81	0.11
14.40	0.14	6,431	166.81	0.11
14.50	0.14	6,440	166.81	0.11
14.60	0.13	6,448	166.81	0.11
14.70	0.13	6,453	166.81	0.11
14.80	0.12	6,457	166.81	0.11
14.90	0.12	6,459	166.81	0.11
15.00	0.11	6,458	166.81	0.11
15.10	0.11	6,456	166.81	0.11
15.20	0.10	6,452	166.81	0.11
15.30	0.10	6,447	166.81	0.11
15.40	0.10	6,442	166.81	0.11
15.50	0.10	6,436	166.81	0.11

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.10	6,429	166.81	0.11
15.70	0.09	6,422	166.81	0.11
15.80	0.09	6,415	166.81	0.11
15.90	0.09	6,407	166.81	0.11
16.00	0.09	6,398	166.81	0.11
16.10	0.09	6,390	166.80	0.11
16.20	0.09	6,380	166.80	0.11
16.30	0.09	6,371	166.80	0.11
16.40	0.08	6,361	166.80	0.11
16.50	0.08	6,350	166.80	0.11
16.60	0.08	6,339	166.80	0.11
16.70	0.08	6,327	166.80	0.11
16.80	0.08	6,316	166.80	0.11
16.90	0.08	6,303	166.79	0.11
17.00	0.08	6,290	166.79	0.11
17.10	0.07	6,277	166.79	0.11
17.20	0.07	6,264	166.79	0.11
17.30	0.07	6,250	166.79	0.11
17.40	0.07	6,235	166.79	0.11
17.50	0.07	6,220	166.78	0.11
17.60	0.07	6,205	166.78	0.11
17.70	0.07	6,189	166.78	0.11
17.80	0.06	6,173	166.78	0.11
17.90	0.06	6,156	166.78	0.11
18.00	0.06	6,139	166.77	0.11
18.10	0.06	6,122	166.77	0.11
18.20	0.06	6,104	166.77	0.11
18.30	0.06	6,086	166.77	0.11
18.40	0.06	6,068	166.76	0.11
18.50	0.06	6,050	166.76	0.11
18.60	0.06	6,032	166.76	0.11
18.70	0.06	6,013	166.76	0.11
18.80	0.06	5,995	166.76	0.11
18.90	0.06	5,977	166.75	0.11
19.00	0.06	5,959	166.75	0.11
19.10	0.06	5,940	166.75	0.11
19.20	0.06	5,922	166.75	0.11
19.30	0.06	5,904	166.74	0.11
19.40	0.06	5,886	166.74	0.11
19.50	0.05	5,867	166.74	0.11
19.60	0.05	5,849	166.74	0.11
19.70	0.05	5,831	166.73	0.11
19.80	0.05	5,812	166.73	0.10
19.90	0.05	5,794	166.73	0.10
20.00	0.05	5,775	166.73	0.10
20.10	0.05	5,757	166.73	0.10
20.20	0.05	5,739	166.72	0.10
20.30	0.05	5,720	166.72	0.10
20.40	0.05	5,702	166.72	0.10
20.50	0.05	5,683	166.72	0.10
20.60	0.05	5,665	166.71	0.10
20.70	0.05	5,646	166.71	0.10

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	5,628	166.71	0.10
20.90	0.05	5,609	166.71	0.10
21.00	0.05	5,590	166.70	0.10
21.10	0.05	5,572	166.70	0.10
21.20	0.05	5,553	166.70	0.10
21.30	0.05	5,535	166.70	0.10
21.40	0.05	5,516	166.69	0.10
21.50	0.05	5,497	166.69	0.10
21.60	0.05	5,479	166.69	0.10
21.70	0.05	5,460	166.69	0.10
21.80	0.05	5,441	166.69	0.10
21.90	0.05	5,423	166.68	0.10
22.00	0.05	5,404	166.68	0.10
22.10	0.05	5,385	166.68	0.10
22.20	0.05	5,366	166.68	0.10
22.30	0.05	5,348	166.67	0.10
22.40	0.04	5,329	166.67	0.10
22.50	0.04	5,310	166.67	0.10
22.60	0.04	5,291	166.67	0.10
22.70	0.04	5,273	166.66	0.10
22.80	0.04	5,254	166.66	0.10
22.90	0.04	5,235	166.66	0.09
23.00	0.04	5,216	166.66	0.09
23.10	0.04	5,198	166.65	0.09
23.20	0.04	5,179	166.65	0.09
23.30	0.04	5,160	166.65	0.09
23.40	0.04	5,141	166.65	0.09
23.50	0.04	5,122	166.65	0.09
23.60	0.04	5,103	166.64	0.09
23.70	0.04	5,084	166.64	0.09
23.80	0.04	5,066	166.64	0.09
23.90	0.04	5,047	166.64	0.09
24.00	0.04	5,028	166.63	0.09
24.10	0.03	5,010	166.63	0.09
24.20	0.01	4,985	166.63	0.09
24.30	0.00	4,954	166.62	0.09
24.40	0.00	4,923	166.62	0.09
24.50	0.00	4,891	166.62	0.09
24.60	0.00	4,859	166.61	0.09
24.70	0.00	4,827	166.61	0.09
24.80	0.00	4,796	166.60	0.09
24.90	0.00	4,765	166.60	0.09
25.00	0.00	4,734	166.60	0.09
25.10	0.00	4,703	166.59	0.08
25.20	0.00	4,673	166.59	0.08
25.30	0.00	4,642	166.58	0.08
25.40	0.00	4,612	166.58	0.08
25.50	0.00	4,583	166.58	0.08
25.60	0.00	4,553	166.57	0.08
25.70	0.00	4,524	166.57	0.08
25.80	0.00	4,494	166.57	0.08
25.90	0.00	4,466	166.56	0.08

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	4,437	166.56	0.08
26.10	0.00	4,408	166.56	0.08
26.20	0.00	4,380	166.55	0.08
26.30	0.00	4,352	166.55	0.08
26.40	0.00	4,324	166.54	0.08
26.50	0.00	4,297	166.54	0.08
26.60	0.00	4,269	166.54	0.08
26.70	0.00	4,242	166.53	0.08
26.80	0.00	4,215	166.53	0.07
26.90	0.00	4,188	166.53	0.07
27.00	0.00	4,162	166.52	0.07
27.10	0.00	4,135	166.52	0.07
27.20	0.00	4,109	166.52	0.07
27.30	0.00	4,083	166.51	0.07
27.40	0.00	4,058	166.51	0.07
27.50	0.00	4,032	166.51	0.07
27.60	0.00	4,007	166.50	0.07
27.70	0.00	3,982	166.50	0.07
27.80	0.00	3,958	166.50	0.07
27.90	0.00	3,933	166.50	0.07
28.00	0.00	3,909	166.49	0.07
28.10	0.00	3,885	166.49	0.07
28.20	0.00	3,861	166.49	0.07
28.30	0.00	3,837	166.48	0.07
28.40	0.00	3,814	166.48	0.06
28.50	0.00	3,790	166.48	0.06
28.60	0.00	3,767	166.47	0.06
28.70	0.00	3,745	166.47	0.06
28.80	0.00	3,722	166.47	0.06
28.90	0.00	3,700	166.47	0.06
29.00	0.00	3,678	166.46	0.06
29.10	0.00	3,656	166.46	0.06
29.20	0.00	3,634	166.46	0.06
29.30	0.00	3,613	166.46	0.06
29.40	0.00	3,592	166.45	0.06
29.50	0.00	3,571	166.45	0.06
29.60	0.00	3,550	166.45	0.06
29.70	0.00	3,529	166.44	0.06
29.80	0.00	3,509	166.44	0.06
29.90	0.00	3,489	166.44	0.06
30.00	0.00	3,469	166.44	0.06
30.10	0.00	3,449	166.43	0.05
30.20	0.00	3,430	166.43	0.05
30.30	0.00	3,410	166.43	0.05
30.40	0.00	3,391	166.43	0.05
30.50	0.00	3,373	166.42	0.05
30.60	0.00	3,354	166.42	0.05
30.70	0.00	3,336	166.42	0.05
30.80	0.00	3,318	166.42	0.05
30.90	0.00	3,300	166.42	0.05
31.00	0.00	3,282	166.41	0.05
31.10	0.00	3,265	166.41	0.05

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,247	166.41	0.05
31.30	0.00	3,230	166.41	0.05
31.40	0.00	3,213	166.40	0.05
31.50	0.00	3,197	166.40	0.05
31.60	0.00	3,180	166.40	0.05
31.70	0.00	3,164	166.40	0.04
31.80	0.00	3,148	166.40	0.04
31.90	0.00	3,132	166.39	0.04
32.00	0.00	3,117	166.39	0.04
32.10	0.00	3,102	166.39	0.04
32.20	0.00	3,087	166.39	0.04
32.30	0.00	3,072	166.39	0.04
32.40	0.00	3,058	166.39	0.04
32.50	0.00	3,043	166.38	0.04
32.60	0.00	3,029	166.38	0.04
32.70	0.00	3,015	166.38	0.04
32.80	0.00	3,002	166.38	0.04
32.90	0.00	2,988	166.38	0.04
33.00	0.00	2,975	166.37	0.04
33.10	0.00	2,962	166.37	0.04
33.20	0.00	2,950	166.37	0.04
33.30	0.00	2,937	166.37	0.03
33.40	0.00	2,925	166.37	0.03
33.50	0.00	2,913	166.37	0.03
33.60	0.00	2,901	166.37	0.03
33.70	0.00	2,889	166.36	0.03
33.80	0.00	2,877	166.36	0.03
33.90	0.00	2,866	166.36	0.03
34.00	0.00	2,855	166.36	0.03
34.10	0.00	2,844	166.36	0.03
34.20	0.00	2,833	166.36	0.03
34.30	0.00	2,822	166.36	0.03
34.40	0.00	2,812	166.35	0.03
34.50	0.00	2,801	166.35	0.03
34.60	0.00	2,791	166.35	0.03
34.70	0.00	2,781	166.35	0.03
34.80	0.00	2,771	166.35	0.03
34.90	0.00	2,761	166.35	0.03
35.00	0.00	2,752	166.35	0.03
35.10	0.00	2,742	166.35	0.03
35.20	0.00	2,733	166.34	0.03
35.30	0.00	2,724	166.34	0.03
35.40	0.00	2,715	166.34	0.02
35.50	0.00	2,706	166.34	0.02
35.60	0.00	2,697	166.34	0.02
35.70	0.00	2,688	166.34	0.02
35.80	0.00	2,680	166.34	0.02
35.90	0.00	2,672	166.34	0.02
36.00	0.00	2,663	166.34	0.02
36.10	0.00	2,655	166.33	0.02
36.20	0.00	2,647	166.33	0.02
36.30	0.00	2,639	166.33	0.02

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,632	166.33	0.02
36.50	0.00	2,624	166.33	0.02
36.60	0.00	2,617	166.33	0.02
36.70	0.00	2,609	166.33	0.02
36.80	0.00	2,602	166.33	0.02
36.90	0.00	2,595	166.33	0.02
37.00	0.00	2,588	166.33	0.02
37.10	0.00	2,581	166.33	0.02
37.20	0.00	2,574	166.32	0.02
37.30	0.00	2,567	166.32	0.02
37.40	0.00	2,561	166.32	0.02
37.50	0.00	2,554	166.32	0.02
37.60	0.00	2,548	166.32	0.02
37.70	0.00	2,541	166.32	0.02
37.80	0.00	2,535	166.32	0.02
37.90	0.00	2,529	166.32	0.02
38.00	0.00	2,523	166.32	0.02
38.10	0.00	2,517	166.32	0.02
38.20	0.00	2,511	166.32	0.02
38.30	0.00	2,505	166.32	0.02
38.40	0.00	2,499	166.31	0.02
38.50	0.00	2,493	166.31	0.02
38.60	0.00	2,488	166.31	0.02
38.70	0.00	2,482	166.31	0.02
38.80	0.00	2,477	166.31	0.02
38.90	0.00	2,471	166.31	0.02
39.00	0.00	2,466	166.31	0.01
39.10	0.00	2,460	166.31	0.01
39.20	0.00	2,455	166.31	0.01
39.30	0.00	2,450	166.31	0.01
39.40	0.00	2,445	166.31	0.01
39.50	0.00	2,440	166.31	0.01
39.60	0.00	2,435	166.31	0.01
39.70	0.00	2,430	166.31	0.01
39.80	0.00	2,425	166.31	0.01
39.90	0.00	2,420	166.30	0.01
40.00	0.00	2,415	166.30	0.01

Stage-Discharge for Pond B-44: Basin #44

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.07	167.04	0.14	167.56	0.18
166.01	0.00	166.53	0.07	167.05	0.14	167.57	0.18
166.02	0.00	166.54	0.08	167.06	0.14	167.58	0.18
166.03	0.00	166.55	0.08	167.07	0.14	167.59	0.18
166.04	0.00	166.56	0.08	167.08	0.14	167.60	0.19
166.05	0.00	166.57	0.08	167.09	0.14	167.61	0.19
166.06	0.00	166.58	0.08	167.10	0.14	167.62	0.19
166.07	0.00	166.59	0.08	167.11	0.15	167.63	0.19
166.08	0.00	166.60	0.09	167.12	0.15	167.64	0.19
166.09	0.00	166.61	0.09	167.13	0.15	167.65	0.19
166.10	0.00	166.62	0.09	167.14	0.15	167.66	0.19
166.11	0.00	166.63	0.09	167.15	0.15	167.67	0.19
166.12	0.00	166.64	0.09	167.16	0.15	167.68	0.19
166.13	0.00	166.65	0.09	167.17	0.15	167.69	0.19
166.14	0.00	166.66	0.10	167.18	0.15	167.70	0.19
166.15	0.00	166.67	0.10	167.19	0.15	167.71	0.19
166.16	0.00	166.68	0.10	167.20	0.15	167.72	0.19
166.17	0.00	166.69	0.10	167.21	0.15	167.73	0.19
166.18	0.00	166.70	0.10	167.22	0.16	167.74	0.20
166.19	0.00	166.71	0.10	167.23	0.16	167.75	0.20
166.20	0.00	166.72	0.10	167.24	0.16	167.76	0.20
166.21	0.00	166.73	0.10	167.25	0.16	167.77	0.20
166.22	0.00	166.74	0.11	167.26	0.16	167.78	0.20
166.23	0.00	166.75	0.11	167.27	0.16	167.79	0.20
166.24	0.00	166.76	0.11	167.28	0.16	167.80	0.20
166.25	0.00	166.77	0.11	167.29	0.16	167.81	0.20
166.26	0.00	166.78	0.11	167.30	0.16	167.82	0.20
166.27	0.00	166.79	0.11	167.31	0.16	167.83	0.20
166.28	0.01	166.80	0.11	167.32	0.16	167.84	0.20
166.29	0.01	166.81	0.11	167.33	0.16	167.85	0.20
166.30	0.01	166.82	0.12	167.34	0.17	167.86	0.20
166.31	0.01	166.83	0.12	167.35	0.17	167.87	0.20
166.32	0.02	166.84	0.12	167.36	0.17	167.88	0.20
166.33	0.02	166.85	0.12	167.37	0.17	167.89	0.21
166.34	0.02	166.86	0.12	167.38	0.17	167.90	0.21
166.35	0.03	166.87	0.12	167.39	0.17	167.91	0.21
166.36	0.03	166.88	0.12	167.40	0.17	167.92	0.21
166.37	0.03	166.89	0.12	167.41	0.17	167.93	0.21
166.38	0.04	166.90	0.12	167.42	0.17	167.94	0.21
166.39	0.04	166.91	0.13	167.43	0.17	167.95	0.21
166.40	0.05	166.92	0.13	167.44	0.17	167.96	0.21
166.41	0.05	166.93	0.13	167.45	0.17	167.97	0.21
166.42	0.05	166.94	0.13	167.46	0.17	167.98	0.21
166.43	0.05	166.95	0.13	167.47	0.18	167.99	0.21
166.44	0.06	166.96	0.13	167.48	0.18	168.00	0.21
166.45	0.06	166.97	0.13	167.49	0.18	168.01	0.21
166.46	0.06	166.98	0.13	167.50	0.18	168.02	0.21
166.47	0.06	166.99	0.13	167.51	0.18	168.03	0.21
166.48	0.06	167.00	0.13	167.52	0.18	168.04	0.22
166.49	0.07	167.01	0.14	167.53	0.18	168.05	0.22
166.50	0.07	167.02	0.14	167.54	0.18	168.06	0.22
166.51	0.07	167.03	0.14	167.55	0.18	168.07	0.22

Stage-Discharge for Pond B-44: Basin #44 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.22	168.60	0.25	169.12	0.81	169.64	12.95
168.09	0.22	168.61	0.25	169.13	0.88	169.65	13.78
168.10	0.22	168.62	0.25	169.14	0.96	169.66	14.63
168.11	0.22	168.63	0.25	169.15	1.03	169.67	15.50
168.12	0.22	168.64	0.25	169.16	1.11	169.68	16.40
168.13	0.22	168.65	0.25	169.17	1.19	169.69	17.32
168.14	0.22	168.66	0.25	169.18	1.27	169.70	18.26
168.15	0.22	168.67	0.25	169.19	1.35	169.71	19.26
168.16	0.22	168.68	0.25	169.20	1.44	169.72	20.29
168.17	0.22	168.69	0.25	169.21	1.52	169.73	21.35
168.18	0.22	168.70	0.25	169.22	1.61	169.74	22.43
168.19	0.22	168.71	0.25	169.23	1.71	169.75	23.53
168.20	0.22	168.72	0.25	169.24	1.80	169.76	24.67
168.21	0.23	168.73	0.25	169.25	1.90	169.77	25.83
168.22	0.23	168.74	0.26	169.26	1.99	169.78	27.01
168.23	0.23	168.75	0.26	169.27	2.09	169.79	28.22
168.24	0.23	168.76	0.26	169.28	2.19	169.80	29.46
168.25	0.23	168.77	0.26	169.29	2.30	169.81	30.72
168.26	0.23	168.78	0.26	169.30	2.40	169.82	32.01
168.27	0.23	168.79	0.26	169.31	2.51	169.83	33.32
168.28	0.23	168.80	0.26	169.32	2.61	169.84	34.66
168.29	0.23	168.81	0.26	169.33	2.72	169.85	36.02
168.30	0.23	168.82	0.26	169.34	2.83	169.86	37.41
168.31	0.23	168.83	0.26	169.35	2.95	169.87	38.82
168.32	0.23	168.84	0.26	169.36	3.06	169.88	40.26
168.33	0.23	168.85	0.26	169.37	3.18	169.89	41.72
168.34	0.23	168.86	0.26	169.38	3.29	169.90	43.21
168.35	0.23	168.87	0.26	169.39	3.41	169.91	44.74
168.36	0.23	168.88	0.26	169.40	3.53	169.92	46.31
168.37	0.23	168.89	0.26	169.41	3.65	169.93	47.90
168.38	0.24	168.90	0.26	169.42	3.77	169.94	49.52
168.39	0.24	168.91	0.26	169.43	3.90	169.95	51.17
168.40	0.24	168.92	0.26	169.44	4.02	169.96	52.84
168.41	0.24	168.93	0.26	169.45	4.15	169.97	54.54
168.42	0.24	168.94	0.27	169.46	4.28	169.98	56.27
168.43	0.24	168.95	0.27	169.47	4.41	169.99	58.02
168.44	0.24	168.96	0.27	169.48	4.54	170.00	59.81
168.45	0.24	168.97	0.27	169.49	4.67		
168.46	0.24	168.98	0.27	169.50	4.80		
168.47	0.24	168.99	0.27	169.51	5.05		
168.48	0.24	169.00	0.27	169.52	5.40		
168.49	0.24	169.01	0.28	169.53	5.82		
168.50	0.24	169.02	0.31	169.54	6.28		
168.51	0.24	169.03	0.34	169.55	6.79		
168.52	0.24	169.04	0.37	169.56	7.35		
168.53	0.24	169.05	0.42	169.57	7.94		
168.54	0.24	169.06	0.46	169.58	8.56		
168.55	0.24	169.07	0.51	169.59	9.22		
168.56	0.25	169.08	0.57	169.60	9.91		
168.57	0.25	169.09	0.62	169.61	10.63		
168.58	0.25	169.10	0.69	169.62	11.38		
168.59	0.25	169.11	0.75	169.63	12.15		

Stage-Area-Storage for Pond B-44: Basin #44

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,939	0	166.52	7,939	4,128
166.01	7,939	79	166.53	7,939	4,208
166.02	7,939	159	166.54	7,939	4,287
166.03	7,939	238	166.55	7,939	4,366
166.04	7,939	318	166.56	7,939	4,446
166.05	7,939	397	166.57	7,939	4,525
166.06	7,939	476	166.58	7,939	4,605
166.07	7,939	556	166.59	7,939	4,684
166.08	7,939	635	166.60	7,939	4,763
166.09	7,939	715	166.61	7,939	4,843
166.10	7,939	794	166.62	7,939	4,922
166.11	7,939	873	166.63	7,939	5,002
166.12	7,939	953	166.64	7,939	5,081
166.13	7,939	1,032	166.65	7,939	5,160
166.14	7,939	1,111	166.66	7,939	5,240
166.15	7,939	1,191	166.67	7,939	5,319
166.16	7,939	1,270	166.68	7,939	5,399
166.17	7,939	1,350	166.69	7,939	5,478
166.18	7,939	1,429	166.70	7,939	5,557
166.19	7,939	1,508	166.71	7,939	5,637
166.20	7,939	1,588	166.72	7,939	5,716
166.21	7,939	1,667	166.73	7,939	5,795
166.22	7,939	1,747	166.74	7,939	5,875
166.23	7,939	1,826	166.75	7,939	5,954
166.24	7,939	1,905	166.76	7,939	6,034
166.25	7,939	1,985	166.77	7,939	6,113
166.26	7,939	2,064	166.78	7,939	6,192
166.27	7,939	2,144	166.79	7,939	6,272
166.28	7,939	2,223	166.80	7,939	6,351
166.29	7,939	2,302	166.81	7,939	6,431
166.30	7,939	2,382	166.82	7,939	6,510
166.31	7,939	2,461	166.83	7,939	6,589
166.32	7,939	2,540	166.84	7,939	6,669
166.33	7,939	2,620	166.85	7,939	6,748
166.34	7,939	2,699	166.86	7,939	6,828
166.35	7,939	2,779	166.87	7,939	6,907
166.36	7,939	2,858	166.88	7,939	6,986
166.37	7,939	2,937	166.89	7,939	7,066
166.38	7,939	3,017	166.90	7,939	7,145
166.39	7,939	3,096	166.91	7,939	7,224
166.40	7,939	3,176	166.92	7,939	7,304
166.41	7,939	3,255	166.93	7,939	7,383
166.42	7,939	3,334	166.94	7,939	7,463
166.43	7,939	3,414	166.95	7,939	7,542
166.44	7,939	3,493	166.96	7,939	7,621
166.45	7,939	3,573	166.97	7,939	7,701
166.46	7,939	3,652	166.98	7,939	7,780
166.47	7,939	3,731	166.99	7,939	7,860
166.48	7,939	3,811	167.00	7,939	7,939
166.49	7,939	3,890	167.01	7,939	8,018
166.50	7,939	3,970	167.02	7,939	8,098
166.51	7,939	4,049	167.03	7,939	8,177

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,939	8,257	167.56	7,939	12,385
167.05	7,939	8,336	167.57	7,939	12,464
167.06	7,939	8,415	167.58	7,939	12,544
167.07	7,939	8,495	167.59	7,939	12,623
167.08	7,939	8,574	167.60	7,939	12,702
167.09	7,939	8,654	167.61	7,939	12,782
167.10	7,939	8,733	167.62	7,939	12,861
167.11	7,939	8,812	167.63	7,939	12,941
167.12	7,939	8,892	167.64	7,939	13,020
167.13	7,939	8,971	167.65	7,939	13,099
167.14	7,939	9,050	167.66	7,939	13,179
167.15	7,939	9,130	167.67	7,939	13,258
167.16	7,939	9,209	167.68	7,939	13,338
167.17	7,939	9,289	167.69	7,939	13,417
167.18	7,939	9,368	167.70	7,939	13,496
167.19	7,939	9,447	167.71	7,939	13,576
167.20	7,939	9,527	167.72	7,939	13,655
167.21	7,939	9,606	167.73	7,939	13,734
167.22	7,939	9,686	167.74	7,939	13,814
167.23	7,939	9,765	167.75	7,939	13,893
167.24	7,939	9,844	167.76	7,939	13,973
167.25	7,939	9,924	167.77	7,939	14,052
167.26	7,939	10,003	167.78	7,939	14,131
167.27	7,939	10,083	167.79	7,939	14,211
167.28	7,939	10,162	167.80	7,939	14,290
167.29	7,939	10,241	167.81	7,939	14,370
167.30	7,939	10,321	167.82	7,939	14,449
167.31	7,939	10,400	167.83	7,939	14,528
167.32	7,939	10,479	167.84	7,939	14,608
167.33	7,939	10,559	167.85	7,939	14,687
167.34	7,939	10,638	167.86	7,939	14,767
167.35	7,939	10,718	167.87	7,939	14,846
167.36	7,939	10,797	167.88	7,939	14,925
167.37	7,939	10,876	167.89	7,939	15,005
167.38	7,939	10,956	167.90	7,939	15,084
167.39	7,939	11,035	167.91	7,939	15,163
167.40	7,939	11,115	167.92	7,939	15,243
167.41	7,939	11,194	167.93	7,939	15,322
167.42	7,939	11,273	167.94	7,939	15,402
167.43	7,939	11,353	167.95	7,939	15,481
167.44	7,939	11,432	167.96	7,939	15,560
167.45	7,939	11,512	167.97	7,939	15,640
167.46	7,939	11,591	167.98	7,939	15,719
167.47	7,939	11,670	167.99	7,939	15,799
167.48	7,939	11,750	168.00	7,939	15,878
167.49	7,939	11,829	168.01	7,939	15,957
167.50	7,939	11,909	168.02	7,939	16,037
167.51	7,939	11,988	168.03	7,939	16,116
167.52	7,939	12,067	168.04	7,939	16,196
167.53	7,939	12,147	168.05	7,939	16,275
167.54	7,939	12,226	168.06	7,939	16,354
167.55	7,939	12,305	168.07	7,939	16,434

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,939	16,513	168.60	7,939	20,641
168.09	7,939	16,593	168.61	7,939	20,721
168.10	7,939	16,672	168.62	7,939	20,800
168.11	7,939	16,751	168.63	7,939	20,880
168.12	7,939	16,831	168.64	7,939	20,959
168.13	7,939	16,910	168.65	7,939	21,038
168.14	7,939	16,989	168.66	7,939	21,118
168.15	7,939	17,069	168.67	7,939	21,197
168.16	7,939	17,148	168.68	7,939	21,277
168.17	7,939	17,228	168.69	7,939	21,356
168.18	7,939	17,307	168.70	7,939	21,435
168.19	7,939	17,386	168.71	7,939	21,515
168.20	7,939	17,466	168.72	7,939	21,594
168.21	7,939	17,545	168.73	7,939	21,673
168.22	7,939	17,625	168.74	7,939	21,753
168.23	7,939	17,704	168.75	7,939	21,832
168.24	7,939	17,783	168.76	7,939	21,912
168.25	7,939	17,863	168.77	7,939	21,991
168.26	7,939	17,942	168.78	7,939	22,070
168.27	7,939	18,022	168.79	7,939	22,150
168.28	7,939	18,101	168.80	7,939	22,229
168.29	7,939	18,180	168.81	7,939	22,309
168.30	7,939	18,260	168.82	7,939	22,388
168.31	7,939	18,339	168.83	7,939	22,467
168.32	7,939	18,418	168.84	7,939	22,547
168.33	7,939	18,498	168.85	7,939	22,626
168.34	7,939	18,577	168.86	7,939	22,706
168.35	7,939	18,657	168.87	7,939	22,785
168.36	7,939	18,736	168.88	7,939	22,864
168.37	7,939	18,815	168.89	7,939	22,944
168.38	7,939	18,895	168.90	7,939	23,023
168.39	7,939	18,974	168.91	7,939	23,102
168.40	7,939	19,054	168.92	7,939	23,182
168.41	7,939	19,133	168.93	7,939	23,261
168.42	7,939	19,212	168.94	7,939	23,341
168.43	7,939	19,292	168.95	7,939	23,420
168.44	7,939	19,371	168.96	7,939	23,499
168.45	7,939	19,451	168.97	7,939	23,579
168.46	7,939	19,530	168.98	7,939	23,658
168.47	7,939	19,609	168.99	7,939	23,738
168.48	7,939	19,689	169.00	7,939	23,817
168.49	7,939	19,768	169.01	7,939	23,896
168.50	7,939	19,848	169.02	7,939	23,976
168.51	7,939	19,927	169.03	7,939	24,055
168.52	7,939	20,006	169.04	7,939	24,135
168.53	7,939	20,086	169.05	7,939	24,214
168.54	7,939	20,165	169.06	7,939	24,293
168.55	7,939	20,244	169.07	7,939	24,373
168.56	7,939	20,324	169.08	7,939	24,452
168.57	7,939	20,403	169.09	7,939	24,532
168.58	7,939	20,483	169.10	7,939	24,611
168.59	7,939	20,562	169.11	7,939	24,690

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,939	24,770	169.64	7,939	28,898
169.13	7,939	24,849	169.65	7,939	28,977
169.14	7,939	24,928	169.66	7,939	29,057
169.15	7,939	25,008	169.67	7,939	29,136
169.16	7,939	25,087	169.68	7,939	29,216
169.17	7,939	25,167	169.69	7,939	29,295
169.18	7,939	25,246	169.70	7,939	29,374
169.19	7,939	25,325	169.71	7,939	29,454
169.20	7,939	25,405	169.72	7,939	29,533
169.21	7,939	25,484	169.73	7,939	29,612
169.22	7,939	25,564	169.74	7,939	29,692
169.23	7,939	25,643	169.75	7,939	29,771
169.24	7,939	25,722	169.76	7,939	29,851
169.25	7,939	25,802	169.77	7,939	29,930
169.26	7,939	25,881	169.78	7,939	30,009
169.27	7,939	25,961	169.79	7,939	30,089
169.28	7,939	26,040	169.80	7,939	30,168
169.29	7,939	26,119	169.81	7,939	30,248
169.30	7,939	26,199	169.82	7,939	30,327
169.31	7,939	26,278	169.83	7,939	30,406
169.32	7,939	26,357	169.84	7,939	30,486
169.33	7,939	26,437	169.85	7,939	30,565
169.34	7,939	26,516	169.86	7,939	30,645
169.35	7,939	26,596	169.87	7,939	30,724
169.36	7,939	26,675	169.88	7,939	30,803
169.37	7,939	26,754	169.89	7,939	30,883
169.38	7,939	26,834	169.90	7,939	30,962
169.39	7,939	26,913	169.91	7,939	31,041
169.40	7,939	26,993	169.92	7,939	31,121
169.41	7,939	27,072	169.93	7,939	31,200
169.42	7,939	27,151	169.94	7,939	31,280
169.43	7,939	27,231	169.95	7,939	31,359
169.44	7,939	27,310	169.96	7,939	31,438
169.45	7,939	27,390	169.97	7,939	31,518
169.46	7,939	27,469	169.98	7,939	31,597
169.47	7,939	27,548	169.99	7,939	31,677
169.48	7,939	27,628	170.00	7,939	31,756
169.49	7,939	27,707			
169.50	7,939	27,787			
169.51	7,939	27,866			
169.52	7,939	27,945			
169.53	7,939	28,025			
169.54	7,939	28,104			
169.55	7,939	28,183			
169.56	7,939	28,263			
169.57	7,939	28,342			
169.58	7,939	28,422			
169.59	7,939	28,501			
169.60	7,939	28,580			
169.61	7,939	28,660			
169.62	7,939	28,739			
169.63	7,939	28,819			

Summary for Pond B-45: Basin #45

Inflow Area = 2.294 ac, 62.82% Impervious, Inflow Depth = 2.82" for Future 2 yr event
 Inflow = 7.59 cfs @ 12.11 hrs, Volume= 0.540 af
 Outflow = 0.99 cfs @ 12.66 hrs, Volume= 0.405 af, Atten= 87%, Lag= 33.3 min
 Primary = 0.99 cfs @ 12.66 hrs, Volume= 0.405 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 167.83' @ 12.66 hrs Surf.Area= 7,365 sf Storage= 13,485 cf

Plug-Flow detention time= 296.8 min calculated for 0.405 af (75% of inflow)
 Center-of-Mass det. time= 204.7 min (977.1 - 772.4)

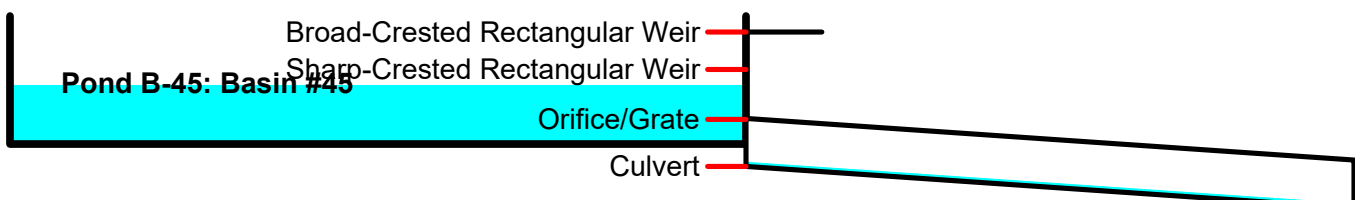
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	29,460 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,365	0	0
167.00	7,365	7,365	7,365
168.00	7,365	7,365	14,730
169.00	7,365	7,365	22,095
170.00	7,365	7,365	29,460

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0325 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.77'	6.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	168.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

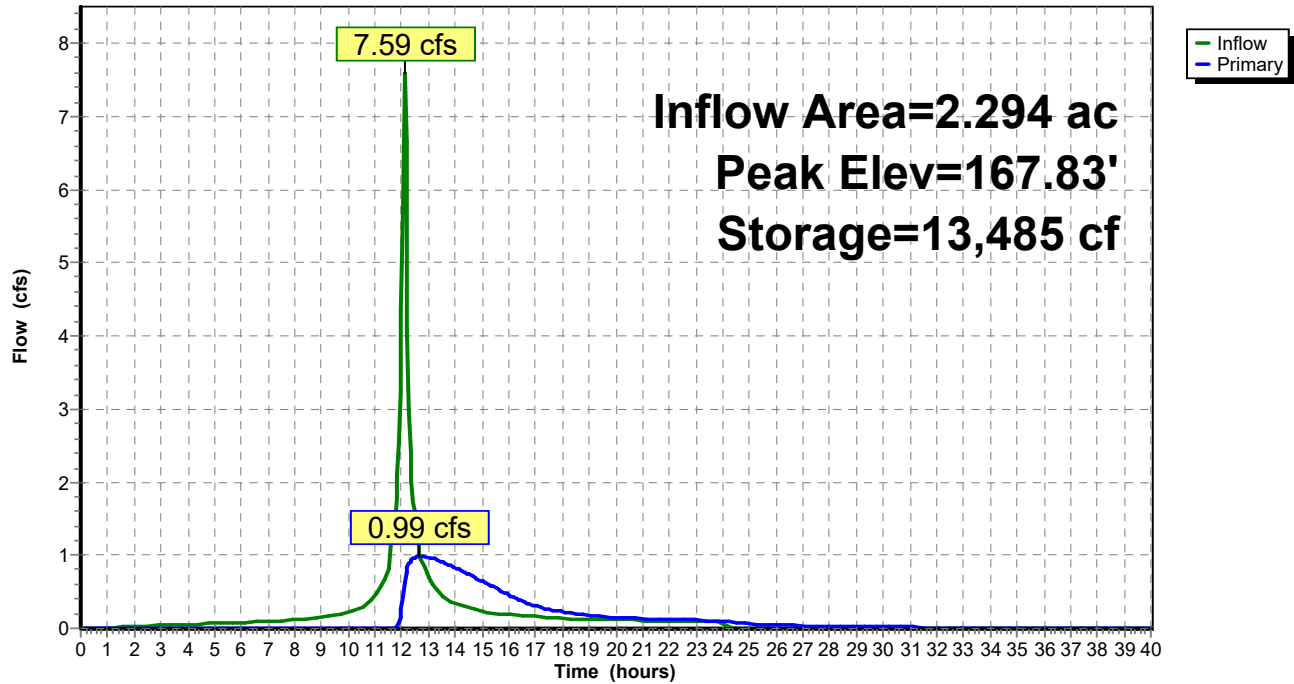
Primary OutFlow Max=0.99 cfs @ 12.66 hrs HW=167.83' (Free Discharge)

- 1=Culvert (Passes 0.99 cfs of 11.35 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.99 cfs @ 4.28 fps)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-45: Basin #45

Hydrograph



Hydrograph for Pond B-45: Basin #45

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	0	166.00	0.00
1.10	0.00	0	166.00	0.00
1.20	0.00	1	166.00	0.00
1.30	0.01	3	166.00	0.00
1.40	0.01	6	166.00	0.00
1.50	0.01	9	166.00	0.00
1.60	0.01	13	166.00	0.00
1.70	0.02	19	166.00	0.00
1.80	0.02	24	166.00	0.00
1.90	0.02	31	166.00	0.00
2.00	0.02	38	166.01	0.00
2.10	0.02	46	166.01	0.00
2.20	0.03	55	166.01	0.00
2.30	0.03	64	166.01	0.00
2.40	0.03	74	166.01	0.00
2.50	0.03	85	166.01	0.00
2.60	0.03	96	166.01	0.00
2.70	0.03	108	166.01	0.00
2.80	0.04	120	166.02	0.00
2.90	0.04	133	166.02	0.00
3.00	0.04	147	166.02	0.00
3.10	0.04	161	166.02	0.00
3.20	0.04	175	166.02	0.00
3.30	0.04	190	166.03	0.00
3.40	0.04	206	166.03	0.00
3.50	0.05	222	166.03	0.00
3.60	0.05	238	166.03	0.00
3.70	0.05	255	166.03	0.00
3.80	0.05	273	166.04	0.00
3.90	0.05	291	166.04	0.00
4.00	0.05	309	166.04	0.00
4.10	0.05	328	166.04	0.00
4.20	0.05	347	166.05	0.00
4.30	0.06	367	166.05	0.00
4.40	0.06	387	166.05	0.00
4.50	0.06	407	166.06	0.00
4.60	0.06	428	166.06	0.00
4.70	0.06	449	166.06	0.00
4.80	0.06	471	166.06	0.00
4.90	0.06	493	166.07	0.00
5.00	0.06	515	166.07	0.00
5.10	0.06	538	166.07	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	561	166.08	0.00
5.30	0.07	585	166.08	0.00
5.40	0.07	609	166.08	0.00
5.50	0.07	633	166.09	0.00
5.60	0.07	657	166.09	0.00
5.70	0.07	682	166.09	0.00
5.80	0.07	708	166.10	0.00
5.90	0.07	733	166.10	0.00
6.00	0.07	759	166.10	0.00
6.10	0.07	785	166.11	0.00
6.20	0.08	813	166.11	0.00
6.30	0.08	841	166.11	0.00
6.40	0.08	869	166.12	0.00
6.50	0.08	899	166.12	0.00
6.60	0.09	930	166.13	0.00
6.70	0.09	961	166.13	0.00
6.80	0.09	993	166.13	0.00
6.90	0.09	1,026	166.14	0.00
7.00	0.10	1,060	166.14	0.00
7.10	0.10	1,095	166.15	0.00
7.20	0.10	1,130	166.15	0.00
7.30	0.10	1,167	166.16	0.00
7.40	0.10	1,204	166.16	0.00
7.50	0.11	1,242	166.17	0.00
7.60	0.11	1,281	166.17	0.00
7.70	0.11	1,321	166.18	0.00
7.80	0.11	1,362	166.18	0.00
7.90	0.12	1,403	166.19	0.00
8.00	0.12	1,446	166.20	0.00
8.10	0.12	1,489	166.20	0.00
8.20	0.12	1,534	166.21	0.00
8.30	0.13	1,579	166.21	0.00
8.40	0.13	1,625	166.22	0.00
8.50	0.13	1,671	166.23	0.00
8.60	0.13	1,719	166.23	0.00
8.70	0.14	1,768	166.24	0.00
8.80	0.14	1,817	166.25	0.00
8.90	0.14	1,868	166.25	0.00
9.00	0.14	1,919	166.26	0.00
9.10	0.15	1,972	166.27	0.00
9.20	0.16	2,027	166.28	0.00
9.30	0.17	2,085	166.28	0.00
9.40	0.17	2,147	166.29	0.00
9.50	0.18	2,211	166.30	0.00
9.60	0.19	2,278	166.31	0.00
9.70	0.20	2,348	166.32	0.00
9.80	0.21	2,422	166.33	0.00
9.90	0.22	2,498	166.34	0.00
10.00	0.22	2,577	166.35	0.00
10.10	0.23	2,660	166.36	0.00
10.20	0.24	2,746	166.37	0.00
10.30	0.25	2,835	166.38	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.26	2,928	166.40	0.00
10.50	0.27	3,025	166.41	0.00
10.60	0.30	3,129	166.42	0.00
10.70	0.34	3,243	166.44	0.00
10.80	0.37	3,371	166.46	0.00
10.90	0.41	3,512	166.48	0.00
11.00	0.45	3,665	166.50	0.00
11.10	0.51	3,836	166.52	0.00
11.20	0.58	4,030	166.55	0.00
11.30	0.65	4,250	166.58	0.00
11.40	0.72	4,495	166.61	0.00
11.50	0.79	4,766	166.65	0.00
11.60	1.15	5,105	166.69	0.00
11.70	1.32	5,554	166.75	0.00
11.80	1.76	6,099	166.83	0.01
11.90	2.51	6,843	166.93	0.08
12.00	4.34	7,984	167.08	0.26
12.10	7.56	9,927	167.35	0.61
12.20	4.10	11,903	167.62	0.84
12.30	2.40	12,709	167.73	0.92
12.40	1.72	13,110	167.78	0.95
12.50	1.54	13,344	167.81	0.97
12.60	1.10	13,474	167.83	0.99
12.70	0.94	13,481	167.83	0.99
12.80	0.86	13,453	167.83	0.98
12.90	0.78	13,397	167.82	0.98
13.00	0.70	13,314	167.81	0.97
13.10	0.62	13,205	167.79	0.96
13.20	0.57	13,076	167.78	0.95
13.30	0.53	12,934	167.76	0.94
13.40	0.49	12,782	167.74	0.92
13.50	0.44	12,619	167.71	0.91
13.60	0.40	12,446	167.69	0.89
13.70	0.38	12,267	167.67	0.88
13.80	0.37	12,089	167.64	0.86
13.90	0.36	11,914	167.62	0.84
14.00	0.35	11,741	167.59	0.83
14.10	0.34	11,569	167.57	0.81
14.20	0.32	11,401	167.55	0.79
14.30	0.31	11,234	167.53	0.77
14.40	0.30	11,070	167.50	0.75
14.50	0.29	10,908	167.48	0.74
14.60	0.28	10,749	167.46	0.72
14.70	0.27	10,592	167.44	0.70
14.80	0.26	10,437	167.42	0.68
14.90	0.24	10,286	167.40	0.66
15.00	0.23	10,137	167.38	0.64
15.10	0.22	9,991	167.36	0.62
15.20	0.22	9,848	167.34	0.60
15.30	0.21	9,712	167.32	0.58
15.40	0.21	9,580	167.30	0.57
15.50	0.21	9,454	167.28	0.55

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.20	9,333	167.27	0.53
15.70	0.20	9,219	167.25	0.51
15.80	0.20	9,110	167.24	0.49
15.90	0.20	9,008	167.22	0.47
16.00	0.19	8,911	167.21	0.45
16.10	0.19	8,820	167.20	0.43
16.20	0.19	8,735	167.19	0.42
16.30	0.18	8,654	167.17	0.40
16.40	0.18	8,578	167.16	0.38
16.50	0.18	8,506	167.15	0.37
16.60	0.17	8,438	167.15	0.36
16.70	0.17	8,375	167.14	0.34
16.80	0.17	8,314	167.13	0.33
16.90	0.16	8,257	167.12	0.32
17.00	0.16	8,203	167.11	0.31
17.10	0.16	8,152	167.11	0.30
17.20	0.16	8,103	167.10	0.29
17.30	0.15	8,056	167.09	0.28
17.40	0.15	8,011	167.09	0.27
17.50	0.15	7,969	167.08	0.26
17.60	0.14	7,928	167.08	0.25
17.70	0.14	7,889	167.07	0.25
17.80	0.14	7,852	167.07	0.24
17.90	0.13	7,815	167.06	0.23
18.00	0.13	7,781	167.06	0.23
18.10	0.13	7,747	167.05	0.22
18.20	0.13	7,715	167.05	0.21
18.30	0.13	7,684	167.04	0.21
18.40	0.12	7,655	167.04	0.20
18.50	0.12	7,628	167.04	0.20
18.60	0.12	7,602	167.03	0.19
18.70	0.12	7,578	167.03	0.19
18.80	0.12	7,555	167.03	0.18
18.90	0.12	7,532	167.02	0.18
19.00	0.12	7,511	167.02	0.18
19.10	0.12	7,491	167.02	0.17
19.20	0.12	7,472	167.01	0.17
19.30	0.12	7,454	167.01	0.17
19.40	0.12	7,436	167.01	0.16
19.50	0.12	7,420	167.01	0.16
19.60	0.12	7,404	167.01	0.16
19.70	0.11	7,388	167.00	0.16
19.80	0.11	7,374	167.00	0.15
19.90	0.11	7,360	167.00	0.15
20.00	0.11	7,347	167.00	0.15
20.10	0.11	7,334	167.00	0.15
20.20	0.11	7,321	166.99	0.15
20.30	0.11	7,309	166.99	0.14
20.40	0.11	7,297	166.99	0.14
20.50	0.11	7,286	166.99	0.14
20.60	0.11	7,275	166.99	0.14
20.70	0.11	7,264	166.99	0.14

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	7,254	166.98	0.14
20.90	0.11	7,243	166.98	0.13
21.00	0.10	7,233	166.98	0.13
21.10	0.10	7,224	166.98	0.13
21.20	0.10	7,214	166.98	0.13
21.30	0.10	7,205	166.98	0.13
21.40	0.10	7,197	166.98	0.13
21.50	0.10	7,188	166.98	0.12
21.60	0.10	7,179	166.97	0.12
21.70	0.10	7,171	166.97	0.12
21.80	0.10	7,163	166.97	0.12
21.90	0.10	7,155	166.97	0.12
22.00	0.10	7,147	166.97	0.12
22.10	0.10	7,139	166.97	0.12
22.20	0.10	7,132	166.97	0.12
22.30	0.09	7,125	166.97	0.12
22.40	0.09	7,117	166.97	0.11
22.50	0.09	7,110	166.97	0.11
22.60	0.09	7,103	166.96	0.11
22.70	0.09	7,096	166.96	0.11
22.80	0.09	7,089	166.96	0.11
22.90	0.09	7,083	166.96	0.11
23.00	0.09	7,076	166.96	0.11
23.10	0.09	7,069	166.96	0.11
23.20	0.09	7,063	166.96	0.11
23.30	0.09	7,056	166.96	0.11
23.40	0.09	7,050	166.96	0.10
23.50	0.09	7,043	166.96	0.10
23.60	0.08	7,037	166.96	0.10
23.70	0.08	7,031	166.95	0.10
23.80	0.08	7,024	166.95	0.10
23.90	0.08	7,018	166.95	0.10
24.00	0.10	7,014	166.95	0.10
24.10	0.02	7,001	166.95	0.10
24.20	0.00	6,969	166.95	0.09
24.30	0.00	6,937	166.94	0.09
24.40	0.00	6,905	166.94	0.09
24.50	0.00	6,875	166.93	0.08
24.60	0.00	6,846	166.93	0.08
24.70	0.00	6,819	166.93	0.07
24.80	0.00	6,793	166.92	0.07
24.90	0.00	6,768	166.92	0.07
25.00	0.00	6,744	166.92	0.07
25.10	0.00	6,721	166.91	0.06
25.20	0.00	6,699	166.91	0.06
25.30	0.00	6,677	166.91	0.06
25.40	0.00	6,657	166.90	0.06
25.50	0.00	6,637	166.90	0.05
25.60	0.00	6,618	166.90	0.05
25.70	0.00	6,599	166.90	0.05
25.80	0.00	6,582	166.89	0.05
25.90	0.00	6,565	166.89	0.05

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,548	166.89	0.04
26.10	0.00	6,532	166.89	0.04
26.20	0.00	6,517	166.88	0.04
26.30	0.00	6,502	166.88	0.04
26.40	0.00	6,488	166.88	0.04
26.50	0.00	6,475	166.88	0.04
26.60	0.00	6,461	166.88	0.04
26.70	0.00	6,448	166.88	0.04
26.80	0.00	6,436	166.87	0.03
26.90	0.00	6,424	166.87	0.03
27.00	0.00	6,412	166.87	0.03
27.10	0.00	6,400	166.87	0.03
27.20	0.00	6,389	166.87	0.03
27.30	0.00	6,378	166.87	0.03
27.40	0.00	6,367	166.86	0.03
27.50	0.00	6,357	166.86	0.03
27.60	0.00	6,347	166.86	0.03
27.70	0.00	6,337	166.86	0.03
27.80	0.00	6,327	166.86	0.03
27.90	0.00	6,318	166.86	0.03
28.00	0.00	6,309	166.86	0.02
28.10	0.00	6,300	166.86	0.02
28.20	0.00	6,291	166.85	0.02
28.30	0.00	6,283	166.85	0.02
28.40	0.00	6,275	166.85	0.02
28.50	0.00	6,267	166.85	0.02
28.60	0.00	6,259	166.85	0.02
28.70	0.00	6,252	166.85	0.02
28.80	0.00	6,244	166.85	0.02
28.90	0.00	6,237	166.85	0.02
29.00	0.00	6,230	166.85	0.02
29.10	0.00	6,223	166.84	0.02
29.20	0.00	6,217	166.84	0.02
29.30	0.00	6,210	166.84	0.02
29.40	0.00	6,204	166.84	0.02
29.50	0.00	6,198	166.84	0.02
29.60	0.00	6,192	166.84	0.02
29.70	0.00	6,187	166.84	0.02
29.80	0.00	6,181	166.84	0.02
29.90	0.00	6,175	166.84	0.02
30.00	0.00	6,170	166.84	0.02
30.10	0.00	6,165	166.84	0.01
30.20	0.00	6,159	166.84	0.01
30.30	0.00	6,154	166.84	0.01
30.40	0.00	6,149	166.83	0.01
30.50	0.00	6,144	166.83	0.01
30.60	0.00	6,139	166.83	0.01
30.70	0.00	6,134	166.83	0.01
30.80	0.00	6,129	166.83	0.01
30.90	0.00	6,125	166.83	0.01
31.00	0.00	6,120	166.83	0.01
31.10	0.00	6,115	166.83	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,111	166.83	0.01
31.30	0.00	6,106	166.83	0.01
31.40	0.00	6,102	166.83	0.01
31.50	0.00	6,098	166.83	0.01
31.60	0.00	6,093	166.83	0.01
31.70	0.00	6,089	166.83	0.01
31.80	0.00	6,085	166.83	0.01
31.90	0.00	6,081	166.83	0.01
32.00	0.00	6,077	166.83	0.01
32.10	0.00	6,073	166.82	0.01
32.20	0.00	6,069	166.82	0.01
32.30	0.00	6,066	166.82	0.01
32.40	0.00	6,062	166.82	0.01
32.50	0.00	6,058	166.82	0.01
32.60	0.00	6,055	166.82	0.01
32.70	0.00	6,051	166.82	0.01
32.80	0.00	6,047	166.82	0.01
32.90	0.00	6,044	166.82	0.01
33.00	0.00	6,041	166.82	0.01
33.10	0.00	6,037	166.82	0.01
33.20	0.00	6,034	166.82	0.01
33.30	0.00	6,031	166.82	0.01
33.40	0.00	6,027	166.82	0.01
33.50	0.00	6,024	166.82	0.01
33.60	0.00	6,021	166.82	0.01
33.70	0.00	6,018	166.82	0.01
33.80	0.00	6,015	166.82	0.01
33.90	0.00	6,012	166.82	0.01
34.00	0.00	6,009	166.82	0.01
34.10	0.00	6,006	166.82	0.01
34.20	0.00	6,004	166.82	0.01
34.30	0.00	6,001	166.81	0.01
34.40	0.00	5,998	166.81	0.01
34.50	0.00	5,995	166.81	0.01
34.60	0.00	5,993	166.81	0.01
34.70	0.00	5,990	166.81	0.01
34.80	0.00	5,988	166.81	0.01
34.90	0.00	5,985	166.81	0.01
35.00	0.00	5,982	166.81	0.01
35.10	0.00	5,980	166.81	0.01
35.20	0.00	5,978	166.81	0.01
35.30	0.00	5,975	166.81	0.01
35.40	0.00	5,973	166.81	0.01
35.50	0.00	5,971	166.81	0.01
35.60	0.00	5,968	166.81	0.01
35.70	0.00	5,966	166.81	0.01
35.80	0.00	5,964	166.81	0.01
35.90	0.00	5,962	166.81	0.01
36.00	0.00	5,960	166.81	0.01
36.10	0.00	5,957	166.81	0.01
36.20	0.00	5,955	166.81	0.01
36.30	0.00	5,953	166.81	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,951	166.81	0.01
36.50	0.00	5,949	166.81	0.01
36.60	0.00	5,947	166.81	0.01
36.70	0.00	5,946	166.81	0.01
36.80	0.00	5,944	166.81	0.01
36.90	0.00	5,942	166.81	0.01
37.00	0.00	5,940	166.81	0.01
37.10	0.00	5,938	166.81	0.00
37.20	0.00	5,936	166.81	0.00
37.30	0.00	5,935	166.81	0.00
37.40	0.00	5,933	166.81	0.00
37.50	0.00	5,931	166.81	0.00
37.60	0.00	5,930	166.81	0.00
37.70	0.00	5,928	166.80	0.00
37.80	0.00	5,926	166.80	0.00
37.90	0.00	5,925	166.80	0.00
38.00	0.00	5,923	166.80	0.00
38.10	0.00	5,922	166.80	0.00
38.20	0.00	5,920	166.80	0.00
38.30	0.00	5,919	166.80	0.00
38.40	0.00	5,917	166.80	0.00
38.50	0.00	5,916	166.80	0.00
38.60	0.00	5,914	166.80	0.00
38.70	0.00	5,913	166.80	0.00
38.80	0.00	5,912	166.80	0.00
38.90	0.00	5,910	166.80	0.00
39.00	0.00	5,909	166.80	0.00
39.10	0.00	5,907	166.80	0.00
39.20	0.00	5,906	166.80	0.00
39.30	0.00	5,905	166.80	0.00
39.40	0.00	5,904	166.80	0.00
39.50	0.00	5,902	166.80	0.00
39.60	0.00	5,901	166.80	0.00
39.70	0.00	5,900	166.80	0.00
39.80	0.00	5,899	166.80	0.00
39.90	0.00	5,898	166.80	0.00
40.00	0.00	5,897	166.80	0.00

Stage-Discharge for Pond B-45: Basin #45

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.20	167.56	0.80
166.01	0.00	166.53	0.00	167.05	0.22	167.57	0.81
166.02	0.00	166.54	0.00	167.06	0.23	167.58	0.81
166.03	0.00	166.55	0.00	167.07	0.24	167.59	0.82
166.04	0.00	166.56	0.00	167.08	0.26	167.60	0.83
166.05	0.00	166.57	0.00	167.09	0.27	167.61	0.84
166.06	0.00	166.58	0.00	167.10	0.29	167.62	0.84
166.07	0.00	166.59	0.00	167.11	0.30	167.63	0.85
166.08	0.00	166.60	0.00	167.12	0.32	167.64	0.86
166.09	0.00	166.61	0.00	167.13	0.33	167.65	0.87
166.10	0.00	166.62	0.00	167.14	0.35	167.66	0.87
166.11	0.00	166.63	0.00	167.15	0.36	167.67	0.88
166.12	0.00	166.64	0.00	167.16	0.38	167.68	0.89
166.13	0.00	166.65	0.00	167.17	0.39	167.69	0.89
166.14	0.00	166.66	0.00	167.18	0.41	167.70	0.90
166.15	0.00	166.67	0.00	167.19	0.42	167.71	0.91
166.16	0.00	166.68	0.00	167.20	0.44	167.72	0.91
166.17	0.00	166.69	0.00	167.21	0.45	167.73	0.92
166.18	0.00	166.70	0.00	167.22	0.47	167.74	0.93
166.19	0.00	166.71	0.00	167.23	0.48	167.75	0.93
166.20	0.00	166.72	0.00	167.24	0.50	167.76	0.94
166.21	0.00	166.73	0.00	167.25	0.51	167.77	0.95
166.22	0.00	166.74	0.00	167.26	0.52	167.78	0.95
166.23	0.00	166.75	0.00	167.27	0.54	167.79	0.96
166.24	0.00	166.76	0.00	167.28	0.55	167.80	0.97
166.25	0.00	166.77	0.00	167.29	0.56	167.81	0.97
166.26	0.00	166.78	0.00	167.30	0.57	167.82	0.98
166.27	0.00	166.79	0.00	167.31	0.58	167.83	0.99
166.28	0.00	166.80	0.00	167.32	0.59	167.84	0.99
166.29	0.00	166.81	0.01	167.33	0.60	167.85	1.00
166.30	0.00	166.82	0.01	167.34	0.61	167.86	1.00
166.31	0.00	166.83	0.01	167.35	0.62	167.87	1.01
166.32	0.00	166.84	0.02	167.36	0.63	167.88	1.02
166.33	0.00	166.85	0.02	167.37	0.64	167.89	1.02
166.34	0.00	166.86	0.03	167.38	0.65	167.90	1.03
166.35	0.00	166.87	0.03	167.39	0.66	167.91	1.03
166.36	0.00	166.88	0.04	167.40	0.66	167.92	1.04
166.37	0.00	166.89	0.04	167.41	0.67	167.93	1.05
166.38	0.00	166.90	0.05	167.42	0.68	167.94	1.05
166.39	0.00	166.91	0.06	167.43	0.69	167.95	1.06
166.40	0.00	166.92	0.07	167.44	0.70	167.96	1.06
166.41	0.00	166.93	0.08	167.45	0.71	167.97	1.07
166.42	0.00	166.94	0.09	167.46	0.72	167.98	1.08
166.43	0.00	166.95	0.10	167.47	0.73	167.99	1.08
166.44	0.00	166.96	0.11	167.48	0.74	168.00	1.09
166.45	0.00	166.97	0.12	167.49	0.74	168.01	1.09
166.46	0.00	166.98	0.13	167.50	0.75	168.02	1.10
166.47	0.00	166.99	0.14	167.51	0.76	168.03	1.10
166.48	0.00	167.00	0.15	167.52	0.77	168.04	1.11
166.49	0.00	167.01	0.16	167.53	0.78	168.05	1.11
166.50	0.00	167.02	0.18	167.54	0.78	168.06	1.12
166.51	0.00	167.03	0.19	167.55	0.79	168.07	1.13

Stage-Discharge for Pond B-45: Basin #45 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	1.13	168.60	3.20	169.12	10.42	169.64	22.29
168.09	1.14	168.61	3.30	169.13	10.59	169.65	22.99
168.10	1.14	168.62	3.41	169.14	10.76	169.66	23.71
168.11	1.15	168.63	3.52	169.15	10.93	169.67	24.46
168.12	1.15	168.64	3.63	169.16	11.10	169.68	25.22
168.13	1.16	168.65	3.74	169.17	11.27	169.69	26.01
168.14	1.16	168.66	3.85	169.18	11.44	169.70	26.82
168.15	1.17	168.67	3.97	169.19	11.61	169.71	27.69
168.16	1.17	168.68	4.08	169.20	11.78	169.72	28.58
168.17	1.18	168.69	4.20	169.21	11.96	169.73	29.50
168.18	1.18	168.70	4.32	169.22	12.13	169.74	30.45
168.19	1.19	168.71	4.44	169.23	12.31	169.75	31.42
168.20	1.19	168.72	4.56	169.24	12.48	169.76	32.42
168.21	1.20	168.73	4.68	169.25	12.66	169.77	33.44
168.22	1.20	168.74	4.81	169.26	12.84	169.78	34.48
168.23	1.21	168.75	4.94	169.27	13.02	169.79	35.55
168.24	1.22	168.76	5.06	169.28	13.20	169.80	36.65
168.25	1.22	168.77	5.19	169.29	13.38	169.81	37.76
168.26	1.23	168.78	5.32	169.30	13.56	169.82	38.91
168.27	1.23	168.79	5.45	169.31	13.74	169.83	40.08
168.28	1.24	168.80	5.59	169.32	13.92	169.84	41.27
168.29	1.24	168.81	5.72	169.33	14.10	169.85	42.48
168.30	1.25	168.82	5.86	169.34	14.29	169.86	43.72
168.31	1.25	168.83	5.99	169.35	14.47	169.87	44.99
168.32	1.25	168.84	6.13	169.36	14.66	169.88	46.28
168.33	1.26	168.85	6.27	169.37	14.84	169.89	47.59
168.34	1.28	168.86	6.41	169.38	15.03	169.90	48.93
168.35	1.31	168.87	6.55	169.39	15.22	169.91	50.31
168.36	1.34	168.88	6.69	169.40	15.41	169.92	51.73
168.37	1.38	168.89	6.84	169.41	15.60	169.93	53.17
168.38	1.43	168.90	6.98	169.42	15.62	169.94	54.63
168.39	1.48	168.91	7.13	169.43	15.64	169.95	56.12
168.40	1.53	168.92	7.27	169.44	15.67	169.96	57.64
168.41	1.59	168.93	7.42	169.45	15.69	169.97	59.19
168.42	1.65	168.94	7.57	169.46	15.71	169.98	60.76
168.43	1.72	168.95	7.72	169.47	15.74	169.99	62.35
168.44	1.79	168.96	7.87	169.48	15.76	170.00	63.98
168.45	1.86	168.97	8.02	169.49	15.78		
168.46	1.93	168.98	8.18	169.50	15.80		
168.47	2.01	168.99	8.33	169.51	15.94		
168.48	2.09	169.00	8.49	169.52	16.18		
168.49	2.17	169.01	8.64	169.53	16.48		
168.50	2.25	169.02	8.80	169.54	16.83		
168.51	2.33	169.03	8.96	169.55	17.23		
168.52	2.42	169.04	9.12	169.56	17.67		
168.53	2.51	169.05	9.28	169.57	18.14		
168.54	2.60	169.06	9.44	169.58	18.64		
168.55	2.70	169.07	9.60	169.59	19.18		
168.56	2.79	169.08	9.76	169.60	19.75		
168.57	2.89	169.09	9.93	169.61	20.35		
168.58	2.99	169.10	10.09	169.62	20.97		
168.59	3.09	169.11	10.26	169.63	21.62		

Stage-Area-Storage for Pond B-45: Basin #45

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,365	0	166.52	7,365	3,830
166.01	7,365	74	166.53	7,365	3,903
166.02	7,365	147	166.54	7,365	3,977
166.03	7,365	221	166.55	7,365	4,051
166.04	7,365	295	166.56	7,365	4,124
166.05	7,365	368	166.57	7,365	4,198
166.06	7,365	442	166.58	7,365	4,272
166.07	7,365	516	166.59	7,365	4,345
166.08	7,365	589	166.60	7,365	4,419
166.09	7,365	663	166.61	7,365	4,493
166.10	7,365	736	166.62	7,365	4,566
166.11	7,365	810	166.63	7,365	4,640
166.12	7,365	884	166.64	7,365	4,714
166.13	7,365	957	166.65	7,365	4,787
166.14	7,365	1,031	166.66	7,365	4,861
166.15	7,365	1,105	166.67	7,365	4,935
166.16	7,365	1,178	166.68	7,365	5,008
166.17	7,365	1,252	166.69	7,365	5,082
166.18	7,365	1,326	166.70	7,365	5,155
166.19	7,365	1,399	166.71	7,365	5,229
166.20	7,365	1,473	166.72	7,365	5,303
166.21	7,365	1,547	166.73	7,365	5,376
166.22	7,365	1,620	166.74	7,365	5,450
166.23	7,365	1,694	166.75	7,365	5,524
166.24	7,365	1,768	166.76	7,365	5,597
166.25	7,365	1,841	166.77	7,365	5,671
166.26	7,365	1,915	166.78	7,365	5,745
166.27	7,365	1,989	166.79	7,365	5,818
166.28	7,365	2,062	166.80	7,365	5,892
166.29	7,365	2,136	166.81	7,365	5,966
166.30	7,365	2,210	166.82	7,365	6,039
166.31	7,365	2,283	166.83	7,365	6,113
166.32	7,365	2,357	166.84	7,365	6,187
166.33	7,365	2,430	166.85	7,365	6,260
166.34	7,365	2,504	166.86	7,365	6,334
166.35	7,365	2,578	166.87	7,365	6,408
166.36	7,365	2,651	166.88	7,365	6,481
166.37	7,365	2,725	166.89	7,365	6,555
166.38	7,365	2,799	166.90	7,365	6,629
166.39	7,365	2,872	166.91	7,365	6,702
166.40	7,365	2,946	166.92	7,365	6,776
166.41	7,365	3,020	166.93	7,365	6,849
166.42	7,365	3,093	166.94	7,365	6,923
166.43	7,365	3,167	166.95	7,365	6,997
166.44	7,365	3,241	166.96	7,365	7,070
166.45	7,365	3,314	166.97	7,365	7,144
166.46	7,365	3,388	166.98	7,365	7,218
166.47	7,365	3,462	166.99	7,365	7,291
166.48	7,365	3,535	167.00	7,365	7,365
166.49	7,365	3,609	167.01	7,365	7,439
166.50	7,365	3,683	167.02	7,365	7,512
166.51	7,365	3,756	167.03	7,365	7,586

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,365	7,660	167.56	7,365	11,489
167.05	7,365	7,733	167.57	7,365	11,563
167.06	7,365	7,807	167.58	7,365	11,637
167.07	7,365	7,881	167.59	7,365	11,710
167.08	7,365	7,954	167.60	7,365	11,784
167.09	7,365	8,028	167.61	7,365	11,858
167.10	7,365	8,101	167.62	7,365	11,931
167.11	7,365	8,175	167.63	7,365	12,005
167.12	7,365	8,249	167.64	7,365	12,079
167.13	7,365	8,322	167.65	7,365	12,152
167.14	7,365	8,396	167.66	7,365	12,226
167.15	7,365	8,470	167.67	7,365	12,300
167.16	7,365	8,543	167.68	7,365	12,373
167.17	7,365	8,617	167.69	7,365	12,447
167.18	7,365	8,691	167.70	7,365	12,520
167.19	7,365	8,764	167.71	7,365	12,594
167.20	7,365	8,838	167.72	7,365	12,668
167.21	7,365	8,912	167.73	7,365	12,741
167.22	7,365	8,985	167.74	7,365	12,815
167.23	7,365	9,059	167.75	7,365	12,889
167.24	7,365	9,133	167.76	7,365	12,962
167.25	7,365	9,206	167.77	7,365	13,036
167.26	7,365	9,280	167.78	7,365	13,110
167.27	7,365	9,354	167.79	7,365	13,183
167.28	7,365	9,427	167.80	7,365	13,257
167.29	7,365	9,501	167.81	7,365	13,331
167.30	7,365	9,575	167.82	7,365	13,404
167.31	7,365	9,648	167.83	7,365	13,478
167.32	7,365	9,722	167.84	7,365	13,552
167.33	7,365	9,795	167.85	7,365	13,625
167.34	7,365	9,869	167.86	7,365	13,699
167.35	7,365	9,943	167.87	7,365	13,773
167.36	7,365	10,016	167.88	7,365	13,846
167.37	7,365	10,090	167.89	7,365	13,920
167.38	7,365	10,164	167.90	7,365	13,994
167.39	7,365	10,237	167.91	7,365	14,067
167.40	7,365	10,311	167.92	7,365	14,141
167.41	7,365	10,385	167.93	7,365	14,214
167.42	7,365	10,458	167.94	7,365	14,288
167.43	7,365	10,532	167.95	7,365	14,362
167.44	7,365	10,606	167.96	7,365	14,435
167.45	7,365	10,679	167.97	7,365	14,509
167.46	7,365	10,753	167.98	7,365	14,583
167.47	7,365	10,827	167.99	7,365	14,656
167.48	7,365	10,900	168.00	7,365	14,730
167.49	7,365	10,974	168.01	7,365	14,804
167.50	7,365	11,048	168.02	7,365	14,877
167.51	7,365	11,121	168.03	7,365	14,951
167.52	7,365	11,195	168.04	7,365	15,025
167.53	7,365	11,268	168.05	7,365	15,098
167.54	7,365	11,342	168.06	7,365	15,172
167.55	7,365	11,416	168.07	7,365	15,246

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,365	15,319	168.60	7,365	19,149
168.09	7,365	15,393	168.61	7,365	19,223
168.10	7,365	15,466	168.62	7,365	19,296
168.11	7,365	15,540	168.63	7,365	19,370
168.12	7,365	15,614	168.64	7,365	19,444
168.13	7,365	15,687	168.65	7,365	19,517
168.14	7,365	15,761	168.66	7,365	19,591
168.15	7,365	15,835	168.67	7,365	19,665
168.16	7,365	15,908	168.68	7,365	19,738
168.17	7,365	15,982	168.69	7,365	19,812
168.18	7,365	16,056	168.70	7,365	19,885
168.19	7,365	16,129	168.71	7,365	19,959
168.20	7,365	16,203	168.72	7,365	20,033
168.21	7,365	16,277	168.73	7,365	20,106
168.22	7,365	16,350	168.74	7,365	20,180
168.23	7,365	16,424	168.75	7,365	20,254
168.24	7,365	16,498	168.76	7,365	20,327
168.25	7,365	16,571	168.77	7,365	20,401
168.26	7,365	16,645	168.78	7,365	20,475
168.27	7,365	16,719	168.79	7,365	20,548
168.28	7,365	16,792	168.80	7,365	20,622
168.29	7,365	16,866	168.81	7,365	20,696
168.30	7,365	16,940	168.82	7,365	20,769
168.31	7,365	17,013	168.83	7,365	20,843
168.32	7,365	17,087	168.84	7,365	20,917
168.33	7,365	17,160	168.85	7,365	20,990
168.34	7,365	17,234	168.86	7,365	21,064
168.35	7,365	17,308	168.87	7,365	21,138
168.36	7,365	17,381	168.88	7,365	21,211
168.37	7,365	17,455	168.89	7,365	21,285
168.38	7,365	17,529	168.90	7,365	21,359
168.39	7,365	17,602	168.91	7,365	21,432
168.40	7,365	17,676	168.92	7,365	21,506
168.41	7,365	17,750	168.93	7,365	21,579
168.42	7,365	17,823	168.94	7,365	21,653
168.43	7,365	17,897	168.95	7,365	21,727
168.44	7,365	17,971	168.96	7,365	21,800
168.45	7,365	18,044	168.97	7,365	21,874
168.46	7,365	18,118	168.98	7,365	21,948
168.47	7,365	18,192	168.99	7,365	22,021
168.48	7,365	18,265	169.00	7,365	22,095
168.49	7,365	18,339	169.01	7,365	22,169
168.50	7,365	18,413	169.02	7,365	22,242
168.51	7,365	18,486	169.03	7,365	22,316
168.52	7,365	18,560	169.04	7,365	22,390
168.53	7,365	18,633	169.05	7,365	22,463
168.54	7,365	18,707	169.06	7,365	22,537
168.55	7,365	18,781	169.07	7,365	22,611
168.56	7,365	18,854	169.08	7,365	22,684
168.57	7,365	18,928	169.09	7,365	22,758
168.58	7,365	19,002	169.10	7,365	22,831
168.59	7,365	19,075	169.11	7,365	22,905

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,365	22,979	169.64	7,365	26,809
169.13	7,365	23,052	169.65	7,365	26,882
169.14	7,365	23,126	169.66	7,365	26,956
169.15	7,365	23,200	169.67	7,365	27,030
169.16	7,365	23,273	169.68	7,365	27,103
169.17	7,365	23,347	169.69	7,365	27,177
169.18	7,365	23,421	169.70	7,365	27,250
169.19	7,365	23,494	169.71	7,365	27,324
169.20	7,365	23,568	169.72	7,365	27,398
169.21	7,365	23,642	169.73	7,365	27,471
169.22	7,365	23,715	169.74	7,365	27,545
169.23	7,365	23,789	169.75	7,365	27,619
169.24	7,365	23,863	169.76	7,365	27,692
169.25	7,365	23,936	169.77	7,365	27,766
169.26	7,365	24,010	169.78	7,365	27,840
169.27	7,365	24,084	169.79	7,365	27,913
169.28	7,365	24,157	169.80	7,365	27,987
169.29	7,365	24,231	169.81	7,365	28,061
169.30	7,365	24,305	169.82	7,365	28,134
169.31	7,365	24,378	169.83	7,365	28,208
169.32	7,365	24,452	169.84	7,365	28,282
169.33	7,365	24,525	169.85	7,365	28,355
169.34	7,365	24,599	169.86	7,365	28,429
169.35	7,365	24,673	169.87	7,365	28,503
169.36	7,365	24,746	169.88	7,365	28,576
169.37	7,365	24,820	169.89	7,365	28,650
169.38	7,365	24,894	169.90	7,365	28,724
169.39	7,365	24,967	169.91	7,365	28,797
169.40	7,365	25,041	169.92	7,365	28,871
169.41	7,365	25,115	169.93	7,365	28,944
169.42	7,365	25,188	169.94	7,365	29,018
169.43	7,365	25,262	169.95	7,365	29,092
169.44	7,365	25,336	169.96	7,365	29,165
169.45	7,365	25,409	169.97	7,365	29,239
169.46	7,365	25,483	169.98	7,365	29,313
169.47	7,365	25,557	169.99	7,365	29,386
169.48	7,365	25,630	170.00	7,365	29,460
169.49	7,365	25,704			
169.50	7,365	25,778			
169.51	7,365	25,851			
169.52	7,365	25,925			
169.53	7,365	25,998			
169.54	7,365	26,072			
169.55	7,365	26,146			
169.56	7,365	26,219			
169.57	7,365	26,293			
169.58	7,365	26,367			
169.59	7,365	26,440			
169.60	7,365	26,514			
169.61	7,365	26,588			
169.62	7,365	26,661			
169.63	7,365	26,735			

Summary for Pond B-46A: Basin #46A

Inflow Area = 2.480 ac, 46.25% Impervious, Inflow Depth = 2.47" for Future 2 yr event
 Inflow = 8.13 cfs @ 12.08 hrs, Volume= 0.511 af
 Outflow = 1.16 cfs @ 12.55 hrs, Volume= 0.323 af, Atten= 86%, Lag= 28.2 min
 Primary = 1.16 cfs @ 12.55 hrs, Volume= 0.323 af
 Routed to Pond B-46B : Basin #46B

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 181.86' @ 12.55 hrs Surf.Area= 7,813 sf Storage= 12,419 cf

Plug-Flow detention time= 314.8 min calculated for 0.323 af (63% of inflow)
 Center-of-Mass det. time= 203.1 min (985.9 - 782.8)

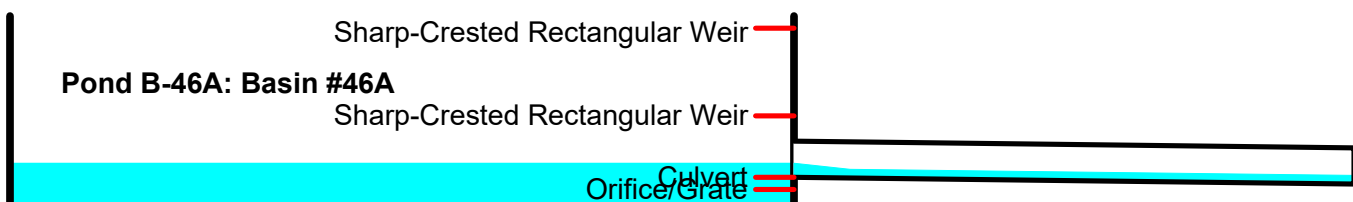
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	96,530 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,720	0	0
181.00	6,639	6,180	6,180
182.00	7,998	7,319	13,498
183.00	9,413	8,706	22,204
184.00	12,515	10,964	33,168
185.00	14,128	13,322	46,489
186.00	15,798	14,963	61,452
187.00	17,524	16,661	78,113
188.00	19,310	18,417	96,530

Device	Routing	Invert	Outlet Devices
#1	Primary	187.50'	50.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s) 0.5' Crest Height
#2	Device 1	180.77'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	183.84'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.28'	18.0" Round Culvert L= 56.0' Ke= 1.000 Inlet / Outlet Invert= 181.28' / 181.00' S= 0.0050 ' /' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf

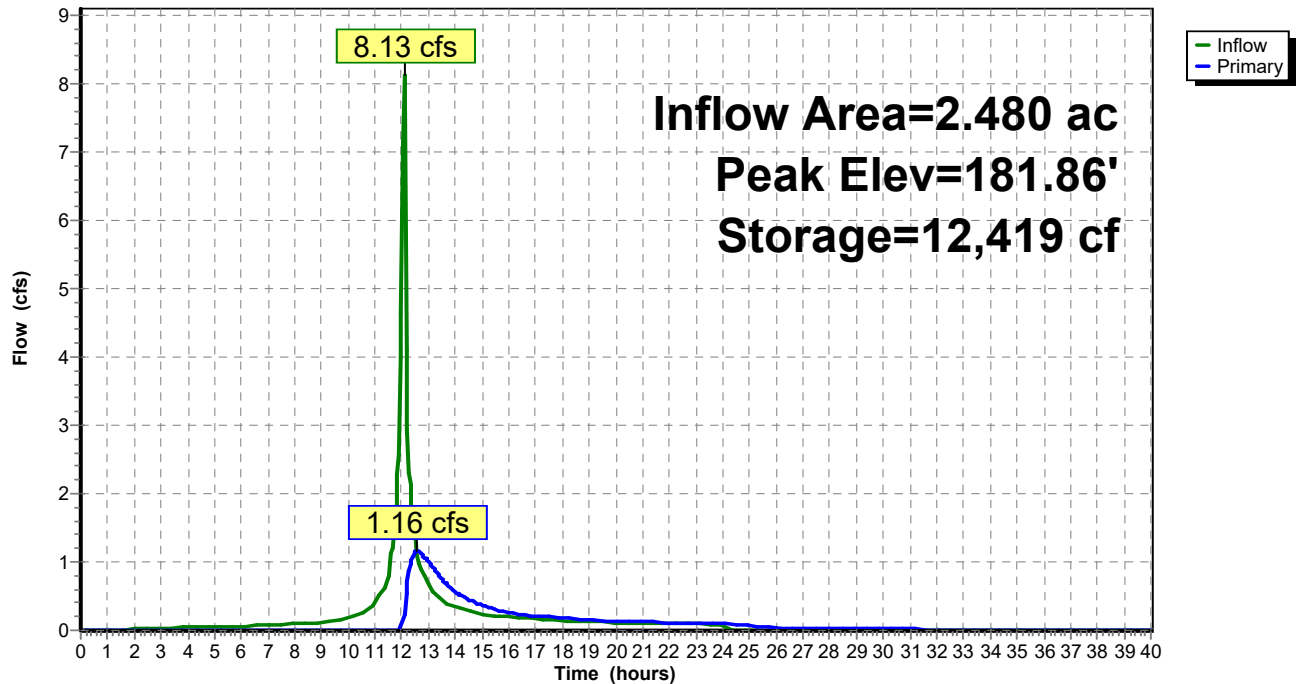
Primary OutFlow Max=1.16 cfs @ 12.55 hrs HW=181.86' (Free Discharge)

- 1=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Culvert (Barrel Controls 1.16 cfs @ 2.70 fps)



Pond B-46A: Basin #46A

Hydrograph



Hydrograph for Pond B-46A: Basin #46A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	1	180.00	0.00
1.30	0.01	3	180.00	0.00
1.40	0.01	6	180.00	0.00
1.50	0.01	9	180.00	0.00
1.60	0.01	13	180.00	0.00
1.70	0.01	17	180.00	0.00
1.80	0.01	22	180.00	0.00
1.90	0.02	27	180.00	0.00
2.00	0.02	33	180.01	0.00
2.10	0.02	40	180.01	0.00
2.20	0.02	47	180.01	0.00
2.30	0.02	55	180.01	0.00
2.40	0.02	63	180.01	0.00
2.50	0.02	72	180.01	0.00
2.60	0.03	81	180.01	0.00
2.70	0.03	91	180.02	0.00
2.80	0.03	101	180.02	0.00
2.90	0.03	111	180.02	0.00
3.00	0.03	122	180.02	0.00
3.10	0.03	133	180.02	0.00
3.20	0.03	145	180.03	0.00
3.30	0.03	157	180.03	0.00
3.40	0.04	170	180.03	0.00
3.50	0.04	183	180.03	0.00
3.60	0.04	196	180.03	0.00
3.70	0.04	210	180.04	0.00
3.80	0.04	224	180.04	0.00
3.90	0.04	238	180.04	0.00
4.00	0.04	253	180.04	0.00
4.10	0.04	268	180.05	0.00
4.20	0.04	284	180.05	0.00
4.30	0.04	299	180.05	0.00
4.40	0.05	316	180.05	0.00
4.50	0.05	332	180.06	0.00
4.60	0.05	349	180.06	0.00
4.70	0.05	366	180.06	0.00
4.80	0.05	383	180.07	0.00
4.90	0.05	401	180.07	0.00
5.00	0.05	419	180.07	0.00
5.10	0.05	437	180.08	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	456	180.08	0.00
5.30	0.05	475	180.08	0.00
5.40	0.05	494	180.09	0.00
5.50	0.05	513	180.09	0.00
5.60	0.06	533	180.09	0.00
5.70	0.06	553	180.10	0.00
5.80	0.06	573	180.10	0.00
5.90	0.06	593	180.10	0.00
6.00	0.06	614	180.11	0.00
6.10	0.06	635	180.11	0.00
6.20	0.06	657	180.11	0.00
6.30	0.06	680	180.12	0.00
6.40	0.07	703	180.12	0.00
6.50	0.07	727	180.13	0.00
6.60	0.07	752	180.13	0.00
6.70	0.07	777	180.13	0.00
6.80	0.07	803	180.14	0.00
6.90	0.07	830	180.14	0.00
7.00	0.08	857	180.15	0.00
7.10	0.08	885	180.15	0.00
7.20	0.08	913	180.16	0.00
7.30	0.08	943	180.16	0.00
7.40	0.08	973	180.17	0.00
7.50	0.09	1,004	180.17	0.00
7.60	0.09	1,035	180.18	0.00
7.70	0.09	1,067	180.18	0.00
7.80	0.09	1,100	180.19	0.00
7.90	0.09	1,133	180.19	0.00
8.00	0.10	1,167	180.20	0.00
8.10	0.10	1,202	180.21	0.00
8.20	0.10	1,238	180.21	0.00
8.30	0.10	1,274	180.22	0.00
8.40	0.10	1,311	180.23	0.00
8.50	0.11	1,348	180.23	0.00
8.60	0.11	1,387	180.24	0.00
8.70	0.11	1,426	180.24	0.00
8.80	0.11	1,466	180.25	0.00
8.90	0.11	1,506	180.26	0.00
9.00	0.12	1,547	180.26	0.00
9.10	0.12	1,590	180.27	0.00
9.20	0.13	1,635	180.28	0.00
9.30	0.13	1,683	180.29	0.00
9.40	0.14	1,733	180.30	0.00
9.50	0.15	1,785	180.30	0.00
9.60	0.15	1,840	180.31	0.00
9.70	0.16	1,897	180.32	0.00
9.80	0.17	1,956	180.33	0.00
9.90	0.17	2,018	180.34	0.00
10.00	0.18	2,082	180.35	0.00
10.10	0.19	2,149	180.36	0.00
10.20	0.20	2,219	180.38	0.00
10.30	0.21	2,293	180.39	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,369	180.40	0.00
10.50	0.23	2,450	180.41	0.00
10.60	0.26	2,538	180.43	0.00
10.70	0.29	2,638	180.45	0.00
10.80	0.32	2,748	180.46	0.00
10.90	0.35	2,870	180.48	0.00
11.00	0.39	3,004	180.50	0.00
11.10	0.45	3,157	180.53	0.00
11.20	0.51	3,332	180.56	0.00
11.30	0.58	3,530	180.59	0.00
11.40	0.65	3,753	180.62	0.00
11.50	0.72	3,999	180.66	0.00
11.60	1.12	4,347	180.72	0.00
11.70	1.23	4,771	180.78	0.00
11.80	1.74	5,325	180.87	0.00
11.90	2.55	6,124	180.99	0.00
12.00	4.64	7,491	181.19	0.00
12.10	7.87	9,877	181.53	0.23
12.20	2.94	11,408	181.73	0.73
12.30	2.13	11,974	181.81	0.96
12.40	1.58	12,245	181.84	1.08
12.50	1.49	12,394	181.86	1.15
12.60	0.99	12,400	181.86	1.15
12.70	0.92	12,331	181.85	1.12
12.80	0.85	12,249	181.84	1.08
12.90	0.77	12,154	181.83	1.04
13.00	0.69	12,046	181.82	0.99
13.10	0.61	11,926	181.80	0.94
13.20	0.56	11,806	181.78	0.89
13.30	0.52	11,688	181.77	0.84
13.40	0.48	11,573	181.75	0.79
13.50	0.43	11,458	181.74	0.75
13.60	0.39	11,344	181.72	0.70
13.70	0.38	11,237	181.71	0.66
13.80	0.37	11,140	181.70	0.62
13.90	0.36	11,052	181.69	0.59
14.00	0.35	10,971	181.68	0.56
14.10	0.34	10,896	181.67	0.54
14.20	0.33	10,826	181.66	0.51
14.30	0.31	10,760	181.65	0.49
14.40	0.30	10,697	181.64	0.47
14.50	0.29	10,638	181.63	0.45
14.60	0.28	10,581	181.62	0.43
14.70	0.27	10,527	181.62	0.41
14.80	0.26	10,475	181.61	0.40
14.90	0.24	10,425	181.60	0.38
15.00	0.23	10,377	181.60	0.36
15.10	0.22	10,329	181.59	0.35
15.20	0.22	10,284	181.58	0.34
15.30	0.22	10,241	181.58	0.33
15.40	0.21	10,202	181.57	0.32
15.50	0.21	10,166	181.57	0.31

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	10,131	181.56	0.30
15.70	0.20	10,099	181.56	0.29
15.80	0.20	10,069	181.55	0.28
15.90	0.20	10,041	181.55	0.27
16.00	0.19	10,014	181.55	0.27
16.10	0.19	9,989	181.54	0.26
16.20	0.19	9,965	181.54	0.25
16.30	0.18	9,942	181.54	0.25
16.40	0.18	9,921	181.53	0.24
16.50	0.18	9,900	181.53	0.23
16.60	0.18	9,880	181.53	0.23
16.70	0.17	9,862	181.53	0.22
16.80	0.17	9,843	181.52	0.22
16.90	0.17	9,826	181.52	0.21
17.00	0.16	9,809	181.52	0.21
17.10	0.16	9,792	181.52	0.21
17.20	0.16	9,775	181.51	0.20
17.30	0.15	9,758	181.51	0.20
17.40	0.15	9,742	181.51	0.20
17.50	0.15	9,725	181.51	0.19
17.60	0.15	9,709	181.51	0.19
17.70	0.14	9,693	181.50	0.19
17.80	0.14	9,677	181.50	0.18
17.90	0.14	9,660	181.50	0.18
18.00	0.13	9,644	181.50	0.18
18.10	0.13	9,628	181.49	0.17
18.20	0.13	9,613	181.49	0.17
18.30	0.13	9,598	181.49	0.17
18.40	0.13	9,584	181.49	0.16
18.50	0.13	9,571	181.49	0.16
18.60	0.13	9,558	181.48	0.16
18.70	0.12	9,547	181.48	0.16
18.80	0.12	9,535	181.48	0.15
18.90	0.12	9,524	181.48	0.15
19.00	0.12	9,514	181.48	0.15
19.10	0.12	9,504	181.48	0.15
19.20	0.12	9,495	181.48	0.15
19.30	0.12	9,486	181.47	0.14
19.40	0.12	9,477	181.47	0.14
19.50	0.12	9,469	181.47	0.14
19.60	0.12	9,461	181.47	0.14
19.70	0.12	9,453	181.47	0.14
19.80	0.12	9,446	181.47	0.14
19.90	0.12	9,439	181.47	0.14
20.00	0.11	9,432	181.47	0.13
20.10	0.11	9,426	181.47	0.13
20.20	0.11	9,419	181.47	0.13
20.30	0.11	9,413	181.46	0.13
20.40	0.11	9,407	181.46	0.13
20.50	0.11	9,401	181.46	0.13
20.60	0.11	9,395	181.46	0.13
20.70	0.11	9,389	181.46	0.12

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	9,384	181.46	0.12
20.90	0.11	9,378	181.46	0.12
21.00	0.11	9,373	181.46	0.12
21.10	0.11	9,368	181.46	0.12
21.20	0.11	9,363	181.46	0.12
21.30	0.11	9,358	181.46	0.12
21.40	0.10	9,353	181.46	0.12
21.50	0.10	9,348	181.46	0.12
21.60	0.10	9,343	181.46	0.12
21.70	0.10	9,339	181.45	0.11
21.80	0.10	9,334	181.45	0.11
21.90	0.10	9,329	181.45	0.11
22.00	0.10	9,325	181.45	0.11
22.10	0.10	9,320	181.45	0.11
22.20	0.10	9,316	181.45	0.11
22.30	0.10	9,312	181.45	0.11
22.40	0.10	9,307	181.45	0.11
22.50	0.10	9,303	181.45	0.11
22.60	0.10	9,299	181.45	0.11
22.70	0.09	9,294	181.45	0.11
22.80	0.09	9,290	181.45	0.10
22.90	0.09	9,286	181.45	0.10
23.00	0.09	9,282	181.45	0.10
23.10	0.09	9,278	181.45	0.10
23.20	0.09	9,273	181.45	0.10
23.30	0.09	9,269	181.45	0.10
23.40	0.09	9,265	181.44	0.10
23.50	0.09	9,261	181.44	0.10
23.60	0.09	9,257	181.44	0.10
23.70	0.09	9,253	181.44	0.10
23.80	0.08	9,249	181.44	0.10
23.90	0.08	9,245	181.44	0.10
24.00	0.10	9,245	181.44	0.10
24.10	0.00	9,225	181.44	0.09
24.20	0.00	9,192	181.43	0.09
24.30	0.00	9,161	181.43	0.08
24.40	0.00	9,132	181.43	0.08
24.50	0.00	9,103	181.42	0.08
24.60	0.00	9,076	181.42	0.07
24.70	0.00	9,050	181.41	0.07
24.80	0.00	9,025	181.41	0.07
24.90	0.00	9,002	181.41	0.06
25.00	0.00	8,979	181.40	0.06
25.10	0.00	8,957	181.40	0.06
25.20	0.00	8,937	181.40	0.06
25.30	0.00	8,917	181.40	0.05
25.40	0.00	8,898	181.39	0.05
25.50	0.00	8,880	181.39	0.05
25.60	0.00	8,862	181.39	0.05
25.70	0.00	8,846	181.39	0.05
25.80	0.00	8,830	181.38	0.04
25.90	0.00	8,815	181.38	0.04

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,800	181.38	0.04
26.10	0.00	8,786	181.38	0.04
26.20	0.00	8,773	181.38	0.04
26.30	0.00	8,760	181.37	0.03
26.40	0.00	8,748	181.37	0.03
26.50	0.00	8,736	181.37	0.03
26.60	0.00	8,725	181.37	0.03
26.70	0.00	8,715	181.37	0.03
26.80	0.00	8,704	181.37	0.03
26.90	0.00	8,695	181.37	0.03
27.00	0.00	8,685	181.36	0.03
27.10	0.00	8,676	181.36	0.02
27.20	0.00	8,668	181.36	0.02
27.30	0.00	8,660	181.36	0.02
27.40	0.00	8,652	181.36	0.02
27.50	0.00	8,644	181.36	0.02
27.60	0.00	8,637	181.36	0.02
27.70	0.00	8,629	181.36	0.02
27.80	0.00	8,622	181.35	0.02
27.90	0.00	8,614	181.35	0.02
28.00	0.00	8,607	181.35	0.02
28.10	0.00	8,600	181.35	0.02
28.20	0.00	8,593	181.35	0.02
28.30	0.00	8,586	181.35	0.02
28.40	0.00	8,579	181.35	0.02
28.50	0.00	8,572	181.35	0.02
28.60	0.00	8,566	181.35	0.02
28.70	0.00	8,559	181.35	0.02
28.80	0.00	8,553	181.35	0.02
28.90	0.00	8,546	181.34	0.02
29.00	0.00	8,540	181.34	0.02
29.10	0.00	8,534	181.34	0.02
29.20	0.00	8,528	181.34	0.02
29.30	0.00	8,522	181.34	0.02
29.40	0.00	8,516	181.34	0.02
29.50	0.00	8,510	181.34	0.02
29.60	0.00	8,504	181.34	0.02
29.70	0.00	8,499	181.34	0.02
29.80	0.00	8,493	181.34	0.02
29.90	0.00	8,487	181.34	0.02
30.00	0.00	8,482	181.34	0.02
30.10	0.00	8,477	181.33	0.01
30.20	0.00	8,471	181.33	0.01
30.30	0.00	8,466	181.33	0.01
30.40	0.00	8,461	181.33	0.01
30.50	0.00	8,456	181.33	0.01
30.60	0.00	8,451	181.33	0.01
30.70	0.00	8,446	181.33	0.01
30.80	0.00	8,441	181.33	0.01
30.90	0.00	8,436	181.33	0.01
31.00	0.00	8,431	181.33	0.01
31.10	0.00	8,427	181.33	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,422	181.33	0.01
31.30	0.00	8,417	181.33	0.01
31.40	0.00	8,413	181.33	0.01
31.50	0.00	8,409	181.32	0.01
31.60	0.00	8,404	181.32	0.01
31.70	0.00	8,400	181.32	0.01
31.80	0.00	8,396	181.32	0.01
31.90	0.00	8,391	181.32	0.01
32.00	0.00	8,387	181.32	0.01
32.10	0.00	8,383	181.32	0.01
32.20	0.00	8,379	181.32	0.01
32.30	0.00	8,375	181.32	0.01
32.40	0.00	8,371	181.32	0.01
32.50	0.00	8,367	181.32	0.01
32.60	0.00	8,364	181.32	0.01
32.70	0.00	8,360	181.32	0.01
32.80	0.00	8,356	181.32	0.01
32.90	0.00	8,352	181.32	0.01
33.00	0.00	8,349	181.32	0.01
33.10	0.00	8,345	181.32	0.01
33.20	0.00	8,342	181.32	0.01
33.30	0.00	8,338	181.31	0.01
33.40	0.00	8,335	181.31	0.01
33.50	0.00	8,332	181.31	0.01
33.60	0.00	8,328	181.31	0.01
33.70	0.00	8,325	181.31	0.01
33.80	0.00	8,322	181.31	0.01
33.90	0.00	8,319	181.31	0.01
34.00	0.00	8,316	181.31	0.01
34.10	0.00	8,312	181.31	0.01
34.20	0.00	8,309	181.31	0.01
34.30	0.00	8,306	181.31	0.01
34.40	0.00	8,303	181.31	0.01
34.50	0.00	8,300	181.31	0.01
34.60	0.00	8,298	181.31	0.01
34.70	0.00	8,295	181.31	0.01
34.80	0.00	8,292	181.31	0.01
34.90	0.00	8,289	181.31	0.01
35.00	0.00	8,286	181.31	0.01
35.10	0.00	8,284	181.31	0.01
35.20	0.00	8,281	181.31	0.01
35.30	0.00	8,279	181.31	0.01
35.40	0.00	8,276	181.31	0.01
35.50	0.00	8,273	181.31	0.01
35.60	0.00	8,271	181.31	0.01
35.70	0.00	8,268	181.30	0.01
35.80	0.00	8,266	181.30	0.01
35.90	0.00	8,264	181.30	0.01
36.00	0.00	8,261	181.30	0.01
36.10	0.00	8,259	181.30	0.01
36.20	0.00	8,257	181.30	0.01
36.30	0.00	8,254	181.30	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,252	181.30	0.01
36.50	0.00	8,250	181.30	0.01
36.60	0.00	8,248	181.30	0.01
36.70	0.00	8,245	181.30	0.01
36.80	0.00	8,243	181.30	0.01
36.90	0.00	8,241	181.30	0.01
37.00	0.00	8,239	181.30	0.01
37.10	0.00	8,237	181.30	0.01
37.20	0.00	8,235	181.30	0.01
37.30	0.00	8,233	181.30	0.01
37.40	0.00	8,231	181.30	0.01
37.50	0.00	8,229	181.30	0.01
37.60	0.00	8,227	181.30	0.01
37.70	0.00	8,226	181.30	0.01
37.80	0.00	8,224	181.30	0.01
37.90	0.00	8,222	181.30	0.01
38.00	0.00	8,220	181.30	0.00
38.10	0.00	8,218	181.30	0.00
38.20	0.00	8,217	181.30	0.00
38.30	0.00	8,215	181.30	0.00
38.40	0.00	8,213	181.30	0.00
38.50	0.00	8,211	181.30	0.00
38.60	0.00	8,210	181.30	0.00
38.70	0.00	8,208	181.30	0.00
38.80	0.00	8,207	181.30	0.00
38.90	0.00	8,205	181.30	0.00
39.00	0.00	8,203	181.30	0.00
39.10	0.00	8,202	181.30	0.00
39.20	0.00	8,200	181.30	0.00
39.30	0.00	8,199	181.30	0.00
39.40	0.00	8,197	181.29	0.00
39.50	0.00	8,196	181.29	0.00
39.60	0.00	8,194	181.29	0.00
39.70	0.00	8,193	181.29	0.00
39.80	0.00	8,192	181.29	0.00
39.90	0.00	8,190	181.29	0.00
40.00	0.00	8,189	181.29	0.00

Stage-Discharge for Pond B-46A: Basin #46A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.29
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.31
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.33
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.35
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.37
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.40
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.42
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.44
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.47
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.49
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.52
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.55
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.57
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.60
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.63
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.66
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.69
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.72
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.75
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.78
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.81
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.84
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.87
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.91
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.94
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.97
180.26	0.00	180.78	0.00	181.30	0.00	181.82	1.01
180.27	0.00	180.79	0.00	181.31	0.00	181.83	1.04
180.28	0.00	180.80	0.00	181.32	0.00	181.84	1.08
180.29	0.00	180.81	0.00	181.33	0.01	181.85	1.11
180.30	0.00	180.82	0.00	181.34	0.01	181.86	1.15
180.31	0.00	180.83	0.00	181.35	0.02	181.87	1.18
180.32	0.00	180.84	0.00	181.36	0.02	181.88	1.22
180.33	0.00	180.85	0.00	181.37	0.03	181.89	1.26
180.34	0.00	180.86	0.00	181.38	0.03	181.90	1.29
180.35	0.00	180.87	0.00	181.39	0.04	181.91	1.33
180.36	0.00	180.88	0.00	181.40	0.05	181.92	1.37
180.37	0.00	180.89	0.00	181.41	0.06	181.93	1.41
180.38	0.00	180.90	0.00	181.42	0.07	181.94	1.45
180.39	0.00	180.91	0.00	181.43	0.08	181.95	1.49
180.40	0.00	180.92	0.00	181.44	0.09	181.96	1.53
180.41	0.00	180.93	0.00	181.45	0.11	181.97	1.57
180.42	0.00	180.94	0.00	181.46	0.12	181.98	1.61
180.43	0.00	180.95	0.00	181.47	0.13	181.99	1.65
180.44	0.00	180.96	0.00	181.48	0.15	182.00	1.69
180.45	0.00	180.97	0.00	181.49	0.16	182.01	1.73
180.46	0.00	180.98	0.00	181.50	0.18	182.02	1.77
180.47	0.00	180.99	0.00	181.51	0.19	182.03	1.82
180.48	0.00	181.00	0.00	181.52	0.21	182.04	1.86
180.49	0.00	181.01	0.00	181.53	0.23	182.05	1.90
180.50	0.00	181.02	0.00	181.54	0.25	182.06	1.95
180.51	0.00	181.03	0.00	181.55	0.27	182.07	1.99

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	2.03	182.60	4.60	183.12	6.66	183.64	8.10
182.09	2.08	182.61	4.65	183.13	6.69	183.65	8.12
182.10	2.12	182.62	4.71	183.14	6.72	183.66	8.15
182.11	2.17	182.63	4.76	183.15	6.75	183.67	8.17
182.12	2.21	182.64	4.81	183.16	6.78	183.68	8.20
182.13	2.26	182.65	4.86	183.17	6.81	183.69	8.22
182.14	2.30	182.66	4.91	183.18	6.84	183.70	8.25
182.15	2.35	182.67	4.96	183.19	6.87	183.71	8.27
182.16	2.40	182.68	5.01	183.20	6.90	183.72	8.30
182.17	2.44	182.69	5.07	183.21	6.93	183.73	8.32
182.18	2.49	182.70	5.12	183.22	6.96	183.74	8.34
182.19	2.54	182.71	5.17	183.23	6.99	183.75	8.37
182.20	2.58	182.72	5.22	183.24	7.02	183.76	8.39
182.21	2.63	182.73	5.27	183.25	7.05	183.77	8.42
182.22	2.68	182.74	5.32	183.26	7.08	183.78	8.44
182.23	2.73	182.75	5.37	183.27	7.11	183.79	8.47
182.24	2.77	182.76	5.42	183.28	7.13	183.80	8.49
182.25	2.82	182.77	5.47	183.29	7.16	183.81	8.51
182.26	2.87	182.78	5.52	183.30	7.19	183.82	8.54
182.27	2.92	182.79	5.56	183.31	7.22	183.83	8.56
182.28	2.97	182.80	5.60	183.32	7.25	183.84	8.59
182.29	3.02	182.81	5.64	183.33	7.28	183.85	8.61
182.30	3.07	182.82	5.67	183.34	7.30	183.86	8.63
182.31	3.12	182.83	5.71	183.35	7.33	183.87	8.66
182.32	3.17	182.84	5.74	183.36	7.36	183.88	8.68
182.33	3.22	182.85	5.78	183.37	7.39	183.89	8.70
182.34	3.27	182.86	5.81	183.38	7.41	183.90	8.73
182.35	3.32	182.87	5.85	183.39	7.44	183.91	8.75
182.36	3.37	182.88	5.88	183.40	7.47	183.92	8.77
182.37	3.42	182.89	5.92	183.41	7.50	183.93	8.80
182.38	3.47	182.90	5.95	183.42	7.52	183.94	8.82
182.39	3.52	182.91	5.99	183.43	7.55	183.95	8.84
182.40	3.57	182.92	6.02	183.44	7.58	183.96	8.87
182.41	3.62	182.93	6.05	183.45	7.60	183.97	8.89
182.42	3.67	182.94	6.09	183.46	7.63	183.98	8.91
182.43	3.72	182.95	6.12	183.47	7.66	183.99	8.93
182.44	3.77	182.96	6.15	183.48	7.68	184.00	8.96
182.45	3.83	182.97	6.19	183.49	7.71	184.01	8.98
182.46	3.88	182.98	6.22	183.50	7.74	184.02	9.00
182.47	3.93	182.99	6.25	183.51	7.76	184.03	9.02
182.48	3.98	183.00	6.29	183.52	7.79	184.04	9.05
182.49	4.03	183.01	6.32	183.53	7.82	184.05	9.07
182.50	4.08	183.02	6.35	183.54	7.84	184.06	9.09
182.51	4.13	183.03	6.38	183.55	7.87	184.07	9.11
182.52	4.19	183.04	6.41	183.56	7.89	184.08	9.14
182.53	4.24	183.05	6.45	183.57	7.92	184.09	9.16
182.54	4.29	183.06	6.48	183.58	7.94	184.10	9.18
182.55	4.34	183.07	6.51	183.59	7.97	184.11	9.20
182.56	4.39	183.08	6.54	183.60	8.00	184.12	9.23
182.57	4.45	183.09	6.57	183.61	8.02	184.13	9.25
182.58	4.50	183.10	6.60	183.62	8.05	184.14	9.27
182.59	4.55	183.11	6.63	183.63	8.07	184.15	9.29

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	9.31	184.68	10.39	185.20	11.36	185.72	12.26
184.17	9.34	184.69	10.41	185.21	11.38	185.73	12.28
184.18	9.36	184.70	10.43	185.22	11.40	185.74	12.29
184.19	9.38	184.71	10.45	185.23	11.42	185.75	12.31
184.20	9.40	184.72	10.47	185.24	11.43	185.76	12.32
184.21	9.42	184.73	10.49	185.25	11.45	185.77	12.34
184.22	9.44	184.74	10.51	185.26	11.47	185.78	12.36
184.23	9.47	184.75	10.52	185.27	11.49	185.79	12.37
184.24	9.49	184.76	10.54	185.28	11.50	185.80	12.39
184.25	9.51	184.77	10.56	185.29	11.52	185.81	12.41
184.26	9.53	184.78	10.58	185.30	11.54	185.82	12.42
184.27	9.55	184.79	10.60	185.31	11.56	185.83	12.44
184.28	9.57	184.80	10.62	185.32	11.58	185.84	12.46
184.29	9.59	184.81	10.64	185.33	11.59	185.85	12.47
184.30	9.61	184.82	10.66	185.34	11.61	185.86	12.49
184.31	9.64	184.83	10.68	185.35	11.63	185.87	12.51
184.32	9.66	184.84	10.70	185.36	11.65	185.88	12.52
184.33	9.68	184.85	10.72	185.37	11.66	185.89	12.54
184.34	9.70	184.86	10.74	185.38	11.68	185.90	12.55
184.35	9.72	184.87	10.75	185.39	11.70	185.91	12.57
184.36	9.74	184.88	10.77	185.40	11.72	185.92	12.59
184.37	9.76	184.89	10.79	185.41	11.73	185.93	12.60
184.38	9.78	184.90	10.81	185.42	11.75	185.94	12.62
184.39	9.80	184.91	10.83	185.43	11.77	185.95	12.63
184.40	9.82	184.92	10.85	185.44	11.78	185.96	12.65
184.41	9.85	184.93	10.87	185.45	11.80	185.97	12.67
184.42	9.87	184.94	10.89	185.46	11.82	185.98	12.68
184.43	9.89	184.95	10.90	185.47	11.84	185.99	12.70
184.44	9.91	184.96	10.92	185.48	11.85	186.00	12.72
184.45	9.93	184.97	10.94	185.49	11.87	186.01	12.73
184.46	9.95	184.98	10.96	185.50	11.89	186.02	12.75
184.47	9.97	184.99	10.98	185.51	11.90	186.03	12.76
184.48	9.99	185.00	11.00	185.52	11.92	186.04	12.78
184.49	10.01	185.01	11.02	185.53	11.94	186.05	12.80
184.50	10.03	185.02	11.03	185.54	11.96	186.06	12.81
184.51	10.05	185.03	11.05	185.55	11.97	186.07	12.83
184.52	10.07	185.04	11.07	185.56	11.99	186.08	12.84
184.53	10.09	185.05	11.09	185.57	12.01	186.09	12.86
184.54	10.11	185.06	11.11	185.58	12.02	186.10	12.87
184.55	10.13	185.07	11.13	185.59	12.04	186.11	12.89
184.56	10.15	185.08	11.14	185.60	12.06	186.12	12.91
184.57	10.17	185.09	11.16	185.61	12.07	186.13	12.92
184.58	10.19	185.10	11.18	185.62	12.09	186.14	12.94
184.59	10.21	185.11	11.20	185.63	12.11	186.15	12.95
184.60	10.23	185.12	11.22	185.64	12.12	186.16	12.97
184.61	10.25	185.13	11.24	185.65	12.14	186.17	12.98
184.62	10.27	185.14	11.25	185.66	12.16	186.18	13.00
184.63	10.29	185.15	11.27	185.67	12.18	186.19	13.02
184.64	10.31	185.16	11.29	185.68	12.19	186.20	13.03
184.65	10.33	185.17	11.31	185.69	12.21	186.21	13.05
184.66	10.35	185.18	11.33	185.70	12.23	186.22	13.06
184.67	10.37	185.19	11.34	185.71	12.24	186.23	13.08

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	13.09	186.76	13.88	187.28	14.62	187.80	44.13
186.25	13.11	186.77	13.89	187.29	14.64	187.81	45.67
186.26	13.12	186.78	13.91	187.30	14.65	187.82	47.23
186.27	13.14	186.79	13.92	187.31	14.66	187.83	48.82
186.28	13.16	186.80	13.94	187.32	14.68	187.84	50.44
186.29	13.17	186.81	13.95	187.33	14.69	187.85	52.10
186.30	13.19	186.82	13.97	187.34	14.71	187.86	53.78
186.31	13.20	186.83	13.98	187.35	14.72	187.87	54.55
186.32	13.22	186.84	14.00	187.36	14.73	187.88	55.04
186.33	13.23	186.85	14.01	187.37	14.75	187.89	55.53
186.34	13.25	186.86	14.02	187.38	14.76	187.90	56.02
186.35	13.26	186.87	14.04	187.39	14.77	187.91	56.49
186.36	13.28	186.88	14.05	187.40	14.79	187.92	56.97
186.37	13.29	186.89	14.07	187.41	14.80	187.93	57.44
186.38	13.31	186.90	14.08	187.42	14.82	187.94	57.90
186.39	13.33	186.91	14.10	187.43	14.83	187.95	58.36
186.40	13.34	186.92	14.11	187.44	14.84	187.96	58.82
186.41	13.36	186.93	14.13	187.45	14.86	187.97	59.27
186.42	13.37	186.94	14.14	187.46	14.87	187.98	59.72
186.43	13.39	186.95	14.16	187.47	14.88	187.99	60.17
186.44	13.40	186.96	14.17	187.48	14.90	188.00	60.62
186.45	13.42	186.97	14.18	187.49	14.91		
186.46	13.43	186.98	14.20	187.50	14.93		
186.47	13.45	186.99	14.21	187.51	15.10		
186.48	13.46	187.00	14.23	187.52	15.42		
186.49	13.48	187.01	14.24	187.53	15.82		
186.50	13.49	187.02	14.26	187.54	16.30		
186.51	13.51	187.03	14.27	187.55	16.84		
186.52	13.52	187.04	14.28	187.56	17.44		
186.53	13.54	187.05	14.30	187.57	18.10		
186.54	13.55	187.06	14.31	187.58	18.80		
186.55	13.57	187.07	14.33	187.59	19.56		
186.56	13.58	187.08	14.34	187.60	20.36		
186.57	13.60	187.09	14.35	187.61	21.20		
186.58	13.61	187.10	14.37	187.62	22.08		
186.59	13.63	187.11	14.38	187.63	23.00		
186.60	13.64	187.12	14.40	187.64	23.97		
186.61	13.66	187.13	14.41	187.65	24.97		
186.62	13.67	187.14	14.43	187.66	26.01		
186.63	13.69	187.15	14.44	187.67	27.08		
186.64	13.70	187.16	14.45	187.68	28.20		
186.65	13.72	187.17	14.47	187.69	29.34		
186.66	13.73	187.18	14.48	187.70	30.52		
186.67	13.75	187.19	14.50	187.71	31.74		
186.68	13.76	187.20	14.51	187.72	32.99		
186.69	13.78	187.21	14.52	187.73	34.27		
186.70	13.79	187.22	14.54	187.74	35.58		
186.71	13.81	187.23	14.55	187.75	36.93		
186.72	13.82	187.24	14.57	187.76	38.31		
186.73	13.83	187.25	14.58	187.77	39.72		
186.74	13.85	187.26	14.59	187.78	41.16		
186.75	13.86	187.27	14.61	187.79	42.63		

Stage-Area-Storage for Pond B-46A: Basin #46A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,720	0	180.52	6,198	3,099
180.01	5,729	57	180.53	6,207	3,161
180.02	5,738	115	180.54	6,216	3,223
180.03	5,748	172	180.55	6,225	3,285
180.04	5,757	230	180.56	6,235	3,347
180.05	5,766	287	180.57	6,244	3,410
180.06	5,775	345	180.58	6,253	3,472
180.07	5,784	403	180.59	6,262	3,535
180.08	5,794	461	180.60	6,271	3,597
180.09	5,803	519	180.61	6,281	3,660
180.10	5,812	577	180.62	6,290	3,723
180.11	5,821	635	180.63	6,299	3,786
180.12	5,830	693	180.64	6,308	3,849
180.13	5,839	751	180.65	6,317	3,912
180.14	5,849	810	180.66	6,327	3,975
180.15	5,858	868	180.67	6,336	4,039
180.16	5,867	927	180.68	6,345	4,102
180.17	5,876	986	180.69	6,354	4,166
180.18	5,885	1,044	180.70	6,363	4,229
180.19	5,895	1,103	180.71	6,372	4,293
180.20	5,904	1,162	180.72	6,382	4,357
180.21	5,913	1,221	180.73	6,391	4,420
180.22	5,922	1,281	180.74	6,400	4,484
180.23	5,931	1,340	180.75	6,409	4,548
180.24	5,941	1,399	180.76	6,418	4,613
180.25	5,950	1,459	180.77	6,428	4,677
180.26	5,959	1,518	180.78	6,437	4,741
180.27	5,968	1,578	180.79	6,446	4,806
180.28	5,977	1,638	180.80	6,455	4,870
180.29	5,987	1,697	180.81	6,464	4,935
180.30	5,996	1,757	180.82	6,474	4,999
180.31	6,005	1,817	180.83	6,483	5,064
180.32	6,014	1,877	180.84	6,492	5,129
180.33	6,023	1,938	180.85	6,501	5,194
180.34	6,032	1,998	180.86	6,510	5,259
180.35	6,042	2,058	180.87	6,520	5,324
180.36	6,051	2,119	180.88	6,529	5,389
180.37	6,060	2,179	180.89	6,538	5,455
180.38	6,069	2,240	180.90	6,547	5,520
180.39	6,078	2,301	180.91	6,556	5,586
180.40	6,088	2,362	180.92	6,565	5,651
180.41	6,097	2,422	180.93	6,575	5,717
180.42	6,106	2,483	180.94	6,584	5,783
180.43	6,115	2,545	180.95	6,593	5,849
180.44	6,124	2,606	180.96	6,602	5,915
180.45	6,134	2,667	180.97	6,611	5,981
180.46	6,143	2,728	180.98	6,621	6,047
180.47	6,152	2,790	180.99	6,630	6,113
180.48	6,161	2,851	181.00	6,639	6,180
180.49	6,170	2,913	181.01	6,653	6,246
180.50	6,180	2,975	181.02	6,666	6,313
180.51	6,189	3,037	181.03	6,680	6,379

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	6,693	6,446	181.56	7,400	10,110
181.05	6,707	6,513	181.57	7,414	10,184
181.06	6,721	6,580	181.58	7,427	10,259
181.07	6,734	6,648	181.59	7,441	10,333
181.08	6,748	6,715	181.60	7,454	10,408
181.09	6,761	6,783	181.61	7,468	10,482
181.10	6,775	6,850	181.62	7,482	10,557
181.11	6,788	6,918	181.63	7,495	10,632
181.12	6,802	6,986	181.64	7,509	10,707
181.13	6,816	7,054	181.65	7,522	10,782
181.14	6,829	7,122	181.66	7,536	10,857
181.15	6,843	7,191	181.67	7,550	10,933
181.16	6,856	7,259	181.68	7,563	11,008
181.17	6,870	7,328	181.69	7,577	11,084
181.18	6,884	7,397	181.70	7,590	11,160
181.19	6,897	7,465	181.71	7,604	11,236
181.20	6,911	7,534	181.72	7,617	11,312
181.21	6,924	7,604	181.73	7,631	11,388
181.22	6,938	7,673	181.74	7,645	11,464
181.23	6,952	7,742	181.75	7,658	11,541
181.24	6,965	7,812	181.76	7,672	11,618
181.25	6,979	7,882	181.77	7,685	11,694
181.26	6,992	7,952	181.78	7,699	11,771
181.27	7,006	8,022	181.79	7,713	11,848
181.28	7,020	8,092	181.80	7,726	11,926
181.29	7,033	8,162	181.81	7,740	12,003
181.30	7,047	8,232	181.82	7,753	12,080
181.31	7,060	8,303	181.83	7,767	12,158
181.32	7,074	8,374	181.84	7,781	12,236
181.33	7,087	8,444	181.85	7,794	12,314
181.34	7,101	8,515	181.86	7,808	12,392
181.35	7,115	8,586	181.87	7,821	12,470
181.36	7,128	8,658	181.88	7,835	12,548
181.37	7,142	8,729	181.89	7,849	12,626
181.38	7,155	8,800	181.90	7,862	12,705
181.39	7,169	8,872	181.91	7,876	12,784
181.40	7,183	8,944	181.92	7,889	12,863
181.41	7,196	9,016	181.93	7,903	12,941
181.42	7,210	9,088	181.94	7,916	13,021
181.43	7,223	9,160	181.95	7,930	13,100
181.44	7,237	9,232	181.96	7,944	13,179
181.45	7,251	9,305	181.97	7,957	13,259
181.46	7,264	9,377	181.98	7,971	13,338
181.47	7,278	9,450	181.99	7,984	13,418
181.48	7,291	9,523	182.00	7,998	13,498
181.49	7,305	9,596	182.01	8,012	13,578
181.50	7,319	9,669	182.02	8,026	13,658
181.51	7,332	9,742	182.03	8,040	13,739
181.52	7,346	9,816	182.04	8,055	13,819
181.53	7,359	9,889	182.05	8,069	13,900
181.54	7,373	9,963	182.06	8,083	13,980
181.55	7,386	10,036	182.07	8,097	14,061

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,111	14,142	182.60	8,847	18,551
182.09	8,125	14,224	182.61	8,861	18,640
182.10	8,139	14,305	182.62	8,875	18,729
182.11	8,154	14,386	182.63	8,889	18,818
182.12	8,168	14,468	182.64	8,904	18,907
182.13	8,182	14,550	182.65	8,918	18,996
182.14	8,196	14,632	182.66	8,932	19,085
182.15	8,210	14,714	182.67	8,946	19,174
182.16	8,224	14,796	182.68	8,960	19,264
182.17	8,239	14,878	182.69	8,974	19,353
182.18	8,253	14,961	182.70	8,988	19,443
182.19	8,267	15,043	182.71	9,003	19,533
182.20	8,281	15,126	182.72	9,017	19,623
182.21	8,295	15,209	182.73	9,031	19,714
182.22	8,309	15,292	182.74	9,045	19,804
182.23	8,323	15,375	182.75	9,059	19,894
182.24	8,338	15,458	182.76	9,073	19,985
182.25	8,352	15,542	182.77	9,088	20,076
182.26	8,366	15,625	182.78	9,102	20,167
182.27	8,380	15,709	182.79	9,116	20,258
182.28	8,394	15,793	182.80	9,130	20,349
182.29	8,408	15,877	182.81	9,144	20,441
182.30	8,423	15,961	182.82	9,158	20,532
182.31	8,437	16,045	182.83	9,172	20,624
182.32	8,451	16,130	182.84	9,187	20,716
182.33	8,465	16,214	182.85	9,201	20,807
182.34	8,479	16,299	182.86	9,215	20,900
182.35	8,493	16,384	182.87	9,229	20,992
182.36	8,507	16,469	182.88	9,243	21,084
182.37	8,522	16,554	182.89	9,257	21,177
182.38	8,536	16,639	182.90	9,272	21,269
182.39	8,550	16,725	182.91	9,286	21,362
182.40	8,564	16,810	182.92	9,300	21,455
182.41	8,578	16,896	182.93	9,314	21,548
182.42	8,592	16,982	182.94	9,328	21,641
182.43	8,606	17,068	182.95	9,342	21,735
182.44	8,621	17,154	182.96	9,356	21,828
182.45	8,635	17,240	182.97	9,371	21,922
182.46	8,649	17,327	182.98	9,385	22,016
182.47	8,663	17,413	182.99	9,399	22,109
182.48	8,677	17,500	183.00	9,413	22,204
182.49	8,691	17,587	183.01	9,444	22,298
182.50	8,706	17,674	183.02	9,475	22,392
182.51	8,720	17,761	183.03	9,506	22,487
182.52	8,734	17,848	183.04	9,537	22,583
182.53	8,748	17,936	183.05	9,568	22,678
182.54	8,762	18,023	183.06	9,599	22,774
182.55	8,776	18,111	183.07	9,630	22,870
182.56	8,790	18,199	183.08	9,661	22,966
182.57	8,805	18,287	183.09	9,692	23,063
182.58	8,819	18,375	183.10	9,723	23,160
182.59	8,833	18,463	183.11	9,754	23,258

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,785	23,355	183.64	11,398	28,863
183.13	9,816	23,453	183.65	11,429	28,977
183.14	9,847	23,552	183.66	11,460	29,092
183.15	9,878	23,650	183.67	11,491	29,206
183.16	9,909	23,749	183.68	11,522	29,322
183.17	9,940	23,849	183.69	11,553	29,437
183.18	9,971	23,948	183.70	11,584	29,553
183.19	10,002	24,048	183.71	11,615	29,669
183.20	10,033	24,148	183.72	11,646	29,785
183.21	10,064	24,249	183.73	11,677	29,902
183.22	10,095	24,349	183.74	11,708	30,018
183.23	10,126	24,451	183.75	11,740	30,136
183.24	10,157	24,552	183.76	11,771	30,253
183.25	10,189	24,654	183.77	11,802	30,371
183.26	10,220	24,756	183.78	11,833	30,489
183.27	10,251	24,858	183.79	11,864	30,608
183.28	10,282	24,961	183.80	11,895	30,727
183.29	10,313	25,064	183.81	11,926	30,846
183.30	10,344	25,167	183.82	11,957	30,965
183.31	10,375	25,271	183.83	11,988	31,085
183.32	10,406	25,374	183.84	12,019	31,205
183.33	10,437	25,479	183.85	12,050	31,325
183.34	10,468	25,583	183.86	12,081	31,446
183.35	10,499	25,688	183.87	12,112	31,567
183.36	10,530	25,793	183.88	12,143	31,688
183.37	10,561	25,899	183.89	12,174	31,810
183.38	10,592	26,004	183.90	12,205	31,932
183.39	10,623	26,110	183.91	12,236	32,054
183.40	10,654	26,217	183.92	12,267	32,176
183.41	10,685	26,324	183.93	12,298	32,299
183.42	10,716	26,431	183.94	12,329	32,422
183.43	10,747	26,538	183.95	12,360	32,546
183.44	10,778	26,645	183.96	12,391	32,669
183.45	10,809	26,753	183.97	12,422	32,793
183.46	10,840	26,862	183.98	12,453	32,918
183.47	10,871	26,970	183.99	12,484	33,043
183.48	10,902	27,079	184.00	12,515	33,168
183.49	10,933	27,188	184.01	12,531	33,293
183.50	10,964	27,298	184.02	12,547	33,418
183.51	10,995	27,408	184.03	12,563	33,544
183.52	11,026	27,518	184.04	12,580	33,669
183.53	11,057	27,628	184.05	12,596	33,795
183.54	11,088	27,739	184.06	12,612	33,921
183.55	11,119	27,850	184.07	12,628	34,048
183.56	11,150	27,961	184.08	12,644	34,174
183.57	11,181	28,073	184.09	12,660	34,300
183.58	11,212	28,185	184.10	12,676	34,427
183.59	11,243	28,297	184.11	12,692	34,554
183.60	11,274	28,410	184.12	12,709	34,681
183.61	11,305	28,523	184.13	12,725	34,808
183.62	11,336	28,636	184.14	12,741	34,935
183.63	11,367	28,749	184.15	12,757	35,063

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	12,773	35,191	184.68	13,612	42,051
184.17	12,789	35,318	184.69	13,628	42,187
184.18	12,805	35,446	184.70	13,644	42,323
184.19	12,821	35,574	184.71	13,660	42,460
184.20	12,838	35,703	184.72	13,676	42,596
184.21	12,854	35,831	184.73	13,692	42,733
184.22	12,870	35,960	184.74	13,709	42,870
184.23	12,886	36,089	184.75	13,725	43,007
184.24	12,902	36,218	184.76	13,741	43,145
184.25	12,918	36,347	184.77	13,757	43,282
184.26	12,934	36,476	184.78	13,773	43,420
184.27	12,951	36,605	184.79	13,789	43,558
184.28	12,967	36,735	184.80	13,805	43,696
184.29	12,983	36,865	184.81	13,822	43,834
184.30	12,999	36,995	184.82	13,838	43,972
184.31	13,015	37,125	184.83	13,854	44,111
184.32	13,031	37,255	184.84	13,870	44,249
184.33	13,047	37,385	184.85	13,886	44,388
184.34	13,063	37,516	184.86	13,902	44,527
184.35	13,080	37,647	184.87	13,918	44,666
184.36	13,096	37,777	184.88	13,934	44,805
184.37	13,112	37,908	184.89	13,951	44,945
184.38	13,128	38,040	184.90	13,967	45,084
184.39	13,144	38,171	184.91	13,983	45,224
184.40	13,160	38,303	184.92	13,999	45,364
184.41	13,176	38,434	184.93	14,015	45,504
184.42	13,192	38,566	184.94	14,031	45,644
184.43	13,209	38,698	184.95	14,047	45,785
184.44	13,225	38,830	184.96	14,063	45,925
184.45	13,241	38,963	184.97	14,080	46,066
184.46	13,257	39,095	184.98	14,096	46,207
184.47	13,273	39,228	184.99	14,112	46,348
184.48	13,289	39,361	185.00	14,128	46,489
184.49	13,305	39,493	185.01	14,145	46,630
184.50	13,322	39,627	185.02	14,161	46,772
184.51	13,338	39,760	185.03	14,178	46,914
184.52	13,354	39,893	185.04	14,195	47,055
184.53	13,370	40,027	185.05	14,212	47,197
184.54	13,386	40,161	185.06	14,228	47,340
184.55	13,402	40,295	185.07	14,245	47,482
184.56	13,418	40,429	185.08	14,262	47,625
184.57	13,434	40,563	185.09	14,278	47,767
184.58	13,451	40,698	185.10	14,295	47,910
184.59	13,467	40,832	185.11	14,312	48,053
184.60	13,483	40,967	185.12	14,328	48,196
184.61	13,499	41,102	185.13	14,345	48,340
184.62	13,515	41,237	185.14	14,362	48,483
184.63	13,531	41,372	185.15	14,379	48,627
184.64	13,547	41,507	185.16	14,395	48,771
184.65	13,563	41,643	185.17	14,412	48,915
184.66	13,580	41,779	185.18	14,429	49,059
184.67	13,596	41,915	185.19	14,445	49,203

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	14,462	49,348	185.72	15,330	57,094
185.21	14,479	49,493	185.73	15,347	57,247
185.22	14,495	49,638	185.74	15,364	57,401
185.23	14,512	49,783	185.75	15,381	57,555
185.24	14,529	49,928	185.76	15,397	57,709
185.25	14,546	50,073	185.77	15,414	57,863
185.26	14,562	50,219	185.78	15,431	58,017
185.27	14,579	50,364	185.79	15,447	58,171
185.28	14,596	50,510	185.80	15,464	58,326
185.29	14,612	50,656	185.81	15,481	58,481
185.30	14,629	50,803	185.82	15,497	58,635
185.31	14,646	50,949	185.83	15,514	58,790
185.32	14,662	51,095	185.84	15,531	58,946
185.33	14,679	51,242	185.85	15,547	59,101
185.34	14,696	51,389	185.86	15,564	59,257
185.35	14,712	51,536	185.87	15,581	59,412
185.36	14,729	51,683	185.88	15,598	59,568
185.37	14,746	51,831	185.89	15,614	59,724
185.38	14,763	51,978	185.90	15,631	59,881
185.39	14,779	52,126	185.91	15,648	60,037
185.40	14,796	52,274	185.92	15,664	60,194
185.41	14,813	52,422	185.93	15,681	60,350
185.42	14,829	52,570	185.94	15,698	60,507
185.43	14,846	52,718	185.95	15,714	60,664
185.44	14,863	52,867	185.96	15,731	60,821
185.45	14,879	53,016	185.97	15,748	60,979
185.46	14,896	53,165	185.98	15,765	61,136
185.47	14,913	53,314	185.99	15,781	61,294
185.48	14,930	53,463	186.00	15,798	61,452
185.49	14,946	53,612	186.01	15,815	61,610
185.50	14,963	53,762	186.02	15,833	61,768
185.51	14,980	53,911	186.03	15,850	61,927
185.52	14,996	54,061	186.04	15,867	62,085
185.53	15,013	54,211	186.05	15,884	62,244
185.54	15,030	54,362	186.06	15,902	62,403
185.55	15,047	54,512	186.07	15,919	62,562
185.56	15,063	54,663	186.08	15,936	62,721
185.57	15,080	54,813	186.09	15,953	62,881
185.58	15,097	54,964	186.10	15,971	63,040
185.59	15,113	55,115	186.11	15,988	63,200
185.60	15,130	55,266	186.12	16,005	63,360
185.61	15,147	55,418	186.13	16,022	63,520
185.62	15,163	55,569	186.14	16,040	63,681
185.63	15,180	55,721	186.15	16,057	63,841
185.64	15,197	55,873	186.16	16,074	64,002
185.65	15,214	56,025	186.17	16,091	64,163
185.66	15,230	56,177	186.18	16,109	64,324
185.67	15,247	56,330	186.19	16,126	64,485
185.68	15,264	56,482	186.20	16,143	64,646
185.69	15,280	56,635	186.21	16,160	64,808
185.70	15,297	56,788	186.22	16,178	64,969
185.71	15,314	56,941	186.23	16,195	65,131

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	16,212	65,293	186.76	17,110	73,957
186.25	16,230	65,455	186.77	17,127	74,128
186.26	16,247	65,618	186.78	17,144	74,299
186.27	16,264	65,780	186.79	17,162	74,471
186.28	16,281	65,943	186.80	17,179	74,643
186.29	16,299	66,106	186.81	17,196	74,815
186.30	16,316	66,269	186.82	17,213	74,987
186.31	16,333	66,432	186.83	17,231	75,159
186.32	16,350	66,596	186.84	17,248	75,331
186.33	16,368	66,759	186.85	17,265	75,504
186.34	16,385	66,923	186.86	17,282	75,677
186.35	16,402	67,087	186.87	17,300	75,849
186.36	16,419	67,251	186.88	17,317	76,023
186.37	16,437	67,415	186.89	17,334	76,196
186.38	16,454	67,580	186.90	17,351	76,369
186.39	16,471	67,744	186.91	17,369	76,543
186.40	16,488	67,909	186.92	17,386	76,717
186.41	16,506	68,074	186.93	17,403	76,891
186.42	16,523	68,239	186.94	17,420	77,065
186.43	16,540	68,405	186.95	17,438	77,239
186.44	16,557	68,570	186.96	17,455	77,413
186.45	16,575	68,736	186.97	17,472	77,588
186.46	16,592	68,902	186.98	17,489	77,763
186.47	16,609	69,068	186.99	17,507	77,938
186.48	16,626	69,234	187.00	17,524	78,113
186.49	16,644	69,400	187.01	17,542	78,288
186.50	16,661	69,567	187.02	17,560	78,464
186.51	16,678	69,733	187.03	17,578	78,640
186.52	16,696	69,900	187.04	17,595	78,815
186.53	16,713	70,067	187.05	17,613	78,991
186.54	16,730	70,235	187.06	17,631	79,168
186.55	16,747	70,402	187.07	17,649	79,344
186.56	16,765	70,570	187.08	17,667	79,521
186.57	16,782	70,737	187.09	17,685	79,697
186.58	16,799	70,905	187.10	17,703	79,874
186.59	16,816	71,073	187.11	17,720	80,051
186.60	16,834	71,241	187.12	17,738	80,229
186.61	16,851	71,410	187.13	17,756	80,406
186.62	16,868	71,578	187.14	17,774	80,584
186.63	16,885	71,747	187.15	17,792	80,762
186.64	16,903	71,916	187.16	17,810	80,940
186.65	16,920	72,085	187.17	17,828	81,118
186.66	16,937	72,255	187.18	17,845	81,296
186.67	16,954	72,424	187.19	17,863	81,475
186.68	16,972	72,594	187.20	17,881	81,654
186.69	16,989	72,763	187.21	17,899	81,832
186.70	17,006	72,933	187.22	17,917	82,012
186.71	17,023	73,104	187.23	17,935	82,191
186.72	17,041	73,274	187.24	17,953	82,370
186.73	17,058	73,444	187.25	17,971	82,550
186.74	17,075	73,615	187.26	17,988	82,730
186.75	17,093	73,786	187.27	18,006	82,910

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	18,024	83,090	187.80	18,953	92,704
187.29	18,042	83,270	187.81	18,971	92,893
187.30	18,060	83,451	187.82	18,989	93,083
187.31	18,078	83,631	187.83	19,006	93,273
187.32	18,096	83,812	187.84	19,024	93,463
187.33	18,113	83,993	187.85	19,042	93,654
187.34	18,131	84,174	187.86	19,060	93,844
187.35	18,149	84,356	187.87	19,078	94,035
187.36	18,167	84,537	187.88	19,096	94,226
187.37	18,185	84,719	187.89	19,114	94,417
187.38	18,203	84,901	187.90	19,131	94,608
187.39	18,221	85,083	187.91	19,149	94,799
187.40	18,238	85,265	187.92	19,167	94,991
187.41	18,256	85,448	187.93	19,185	95,183
187.42	18,274	85,631	187.94	19,203	95,375
187.43	18,292	85,813	187.95	19,221	95,567
187.44	18,310	85,996	187.96	19,239	95,759
187.45	18,328	86,180	187.97	19,256	95,952
187.46	18,346	86,363	187.98	19,274	96,144
187.47	18,363	86,547	187.99	19,292	96,337
187.48	18,381	86,730	188.00	19,310	96,530
187.49	18,399	86,914			
187.50	18,417	87,098			
187.51	18,435	87,283			
187.52	18,453	87,467			
187.53	18,471	87,652			
187.54	18,488	87,836			
187.55	18,506	88,021			
187.56	18,524	88,206			
187.57	18,542	88,392			
187.58	18,560	88,577			
187.59	18,578	88,763			
187.60	18,596	88,949			
187.61	18,613	89,135			
187.62	18,631	89,321			
187.63	18,649	89,508			
187.64	18,667	89,694			
187.65	18,685	89,881			
187.66	18,703	90,068			
187.67	18,721	90,255			
187.68	18,738	90,442			
187.69	18,756	90,630			
187.70	18,774	90,817			
187.71	18,792	91,005			
187.72	18,810	91,193			
187.73	18,828	91,381			
187.74	18,846	91,570			
187.75	18,864	91,758			
187.76	18,881	91,947			
187.77	18,899	92,136			
187.78	18,917	92,325			
187.79	18,935	92,514			

Summary for Pond B-46B: Basin #46B

Inflow Area = 2.931 ac, 39.13% Impervious, Inflow Depth > 1.55" for Future 2 yr event
 Inflow = 1.38 cfs @ 12.16 hrs, Volume= 0.379 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.30' @ 40.00 hrs Surf.Area= 8,572 sf Storage= 16,494 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

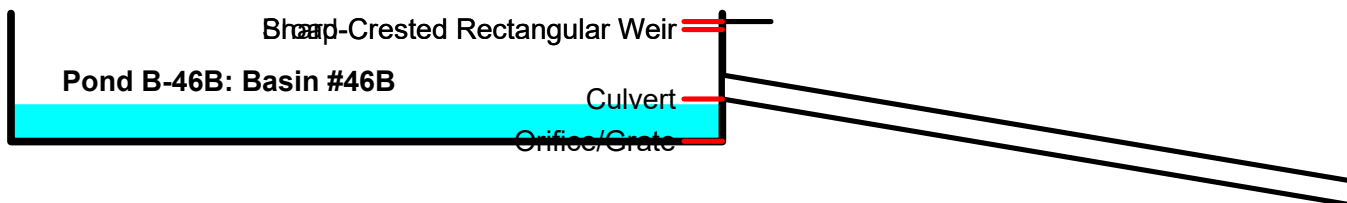
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	88,429 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,813	0	0
181.00	6,961	6,387	6,387
182.00	8,181	7,571	13,958
183.00	9,471	8,826	22,784
184.00	11,059	10,265	33,049
185.00	12,402	11,731	44,780
186.00	13,803	13,103	57,882
187.00	15,259	14,531	72,413
188.00	16,772	16,016	88,429

Device	Routing	Invert	Outlet Devices
#1	Primary	182.65'	18.0" Round Culvert L= 65.0' Ke= 0.500 Inlet / Outlet Invert= 182.65' / 176.00' S= 0.1023 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	180.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

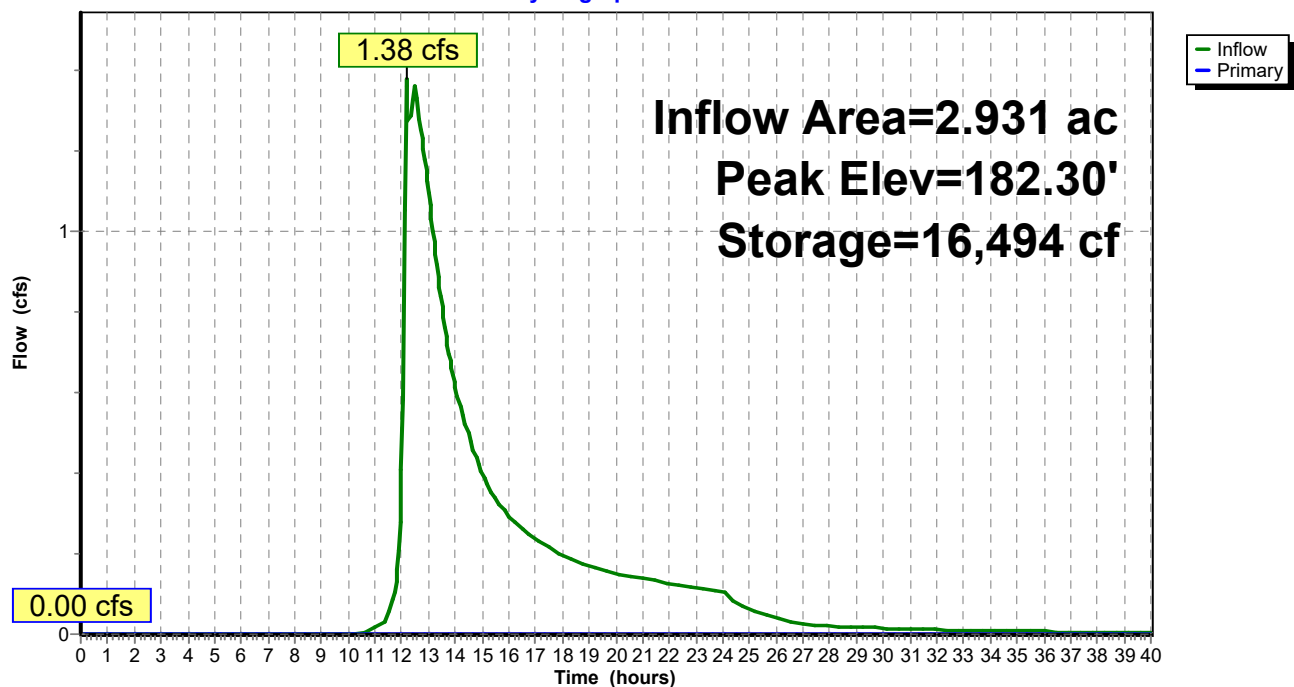
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=180.00' (Free Discharge)

1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-46B: Basin #46B

Hydrograph



Hydrograph for Pond B-46B: Basin #46B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	0	180.00	0.00
1.40	0.00	0	180.00	0.00
1.50	0.00	0	180.00	0.00
1.60	0.00	0	180.00	0.00
1.70	0.00	0	180.00	0.00
1.80	0.00	0	180.00	0.00
1.90	0.00	0	180.00	0.00
2.00	0.00	0	180.00	0.00
2.10	0.00	0	180.00	0.00
2.20	0.00	0	180.00	0.00
2.30	0.00	0	180.00	0.00
2.40	0.00	0	180.00	0.00
2.50	0.00	0	180.00	0.00
2.60	0.00	0	180.00	0.00
2.70	0.00	0	180.00	0.00
2.80	0.00	0	180.00	0.00
2.90	0.00	0	180.00	0.00
3.00	0.00	0	180.00	0.00
3.10	0.00	0	180.00	0.00
3.20	0.00	0	180.00	0.00
3.30	0.00	0	180.00	0.00
3.40	0.00	0	180.00	0.00
3.50	0.00	0	180.00	0.00
3.60	0.00	0	180.00	0.00
3.70	0.00	0	180.00	0.00
3.80	0.00	0	180.00	0.00
3.90	0.00	0	180.00	0.00
4.00	0.00	0	180.00	0.00
4.10	0.00	0	180.00	0.00
4.20	0.00	0	180.00	0.00
4.30	0.00	0	180.00	0.00
4.40	0.00	0	180.00	0.00
4.50	0.00	0	180.00	0.00
4.60	0.00	0	180.00	0.00
4.70	0.00	0	180.00	0.00
4.80	0.00	0	180.00	0.00
4.90	0.00	0	180.00	0.00
5.00	0.00	0	180.00	0.00
5.10	0.00	0	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	180.00	0.00
5.30	0.00	0	180.00	0.00
5.40	0.00	0	180.00	0.00
5.50	0.00	0	180.00	0.00
5.60	0.00	0	180.00	0.00
5.70	0.00	0	180.00	0.00
5.80	0.00	0	180.00	0.00
5.90	0.00	0	180.00	0.00
6.00	0.00	0	180.00	0.00
6.10	0.00	0	180.00	0.00
6.20	0.00	0	180.00	0.00
6.30	0.00	0	180.00	0.00
6.40	0.00	0	180.00	0.00
6.50	0.00	0	180.00	0.00
6.60	0.00	0	180.00	0.00
6.70	0.00	0	180.00	0.00
6.80	0.00	0	180.00	0.00
6.90	0.00	0	180.00	0.00
7.00	0.00	0	180.00	0.00
7.10	0.00	0	180.00	0.00
7.20	0.00	0	180.00	0.00
7.30	0.00	0	180.00	0.00
7.40	0.00	0	180.00	0.00
7.50	0.00	0	180.00	0.00
7.60	0.00	0	180.00	0.00
7.70	0.00	0	180.00	0.00
7.80	0.00	0	180.00	0.00
7.90	0.00	0	180.00	0.00
8.00	0.00	0	180.00	0.00
8.10	0.00	0	180.00	0.00
8.20	0.00	0	180.00	0.00
8.30	0.00	0	180.00	0.00
8.40	0.00	0	180.00	0.00
8.50	0.00	0	180.00	0.00
8.60	0.00	0	180.00	0.00
8.70	0.00	0	180.00	0.00
8.80	0.00	0	180.00	0.00
8.90	0.00	0	180.00	0.00
9.00	0.00	0	180.00	0.00
9.10	0.00	0	180.00	0.00
9.20	0.00	0	180.00	0.00
9.30	0.00	0	180.00	0.00
9.40	0.00	0	180.00	0.00
9.50	0.00	0	180.00	0.00
9.60	0.00	0	180.00	0.00
9.70	0.00	0	180.00	0.00
9.80	0.00	0	180.00	0.00
9.90	0.00	0	180.00	0.00
10.00	0.00	0	180.00	0.00
10.10	0.00	0	180.00	0.00
10.20	0.00	0	180.00	0.00
10.30	0.00	1	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	1	180.00	0.00
10.50	0.00	3	180.00	0.00
10.60	0.00	4	180.00	0.00
10.70	0.01	6	180.00	0.00
10.80	0.01	9	180.00	0.00
10.90	0.01	13	180.00	0.00
11.00	0.01	17	180.00	0.00
11.10	0.02	23	180.00	0.00
11.20	0.02	30	180.01	0.00
11.30	0.03	40	180.01	0.00
11.40	0.04	51	180.01	0.00
11.50	0.04	65	180.01	0.00
11.60	0.07	85	180.01	0.00
11.70	0.09	113	180.02	0.00
11.80	0.13	152	180.03	0.00
11.90	0.21	212	180.04	0.00
12.00	0.41	318	180.05	0.00
12.10	1.05	554	180.09	0.00
12.20	1.27	1,009	180.17	0.00
12.30	1.29	1,467	180.25	0.00
12.40	1.32	1,938	180.32	0.00
12.50	1.36	2,420	180.40	0.00
12.60	1.31	2,905	180.48	0.00
12.70	1.25	3,365	180.55	0.00
12.80	1.20	3,808	180.62	0.00
12.90	1.15	4,232	180.68	0.00
13.00	1.09	4,637	180.74	0.00
13.10	1.03	5,020	180.80	0.00
13.20	0.97	5,381	180.85	0.00
13.30	0.92	5,721	180.90	0.00
13.40	0.86	6,041	180.95	0.00
13.50	0.81	6,343	180.99	0.00
13.60	0.76	6,626	181.03	0.00
13.70	0.72	6,893	181.07	0.00
13.80	0.68	7,144	181.11	0.00
13.90	0.64	7,382	181.14	0.00
14.00	0.61	7,608	181.17	0.00
14.10	0.59	7,824	181.20	0.00
14.20	0.56	8,030	181.23	0.00
14.30	0.54	8,228	181.26	0.00
14.40	0.51	8,417	181.28	0.00
14.50	0.49	8,599	181.31	0.00
14.60	0.47	8,773	181.33	0.00
14.70	0.45	8,939	181.36	0.00
14.80	0.43	9,099	181.38	0.00
14.90	0.42	9,252	181.40	0.00
15.00	0.40	9,399	181.42	0.00
15.10	0.39	9,540	181.44	0.00
15.20	0.37	9,676	181.45	0.00
15.30	0.36	9,808	181.47	0.00
15.40	0.35	9,936	181.49	0.00
15.50	0.34	10,059	181.51	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	10,179	181.52	0.00
15.70	0.32	10,296	181.54	0.00
15.80	0.31	10,410	181.55	0.00
15.90	0.30	10,520	181.57	0.00
16.00	0.29	10,628	181.58	0.00
16.10	0.29	10,732	181.59	0.00
16.20	0.28	10,835	181.61	0.00
16.30	0.27	10,935	181.62	0.00
16.40	0.27	11,032	181.63	0.00
16.50	0.26	11,128	181.64	0.00
16.60	0.26	11,221	181.66	0.00
16.70	0.25	11,312	181.67	0.00
16.80	0.24	11,401	181.68	0.00
16.90	0.24	11,488	181.69	0.00
17.00	0.23	11,573	181.70	0.00
17.10	0.23	11,657	181.71	0.00
17.20	0.23	11,740	181.72	0.00
17.30	0.22	11,821	181.73	0.00
17.40	0.22	11,901	181.74	0.00
17.50	0.22	11,979	181.75	0.00
17.60	0.21	12,056	181.76	0.00
17.70	0.21	12,132	181.77	0.00
17.80	0.20	12,206	181.78	0.00
17.90	0.20	12,279	181.79	0.00
18.00	0.20	12,350	181.80	0.00
18.10	0.19	12,421	181.81	0.00
18.20	0.19	12,490	181.82	0.00
18.30	0.19	12,557	181.83	0.00
18.40	0.18	12,624	181.83	0.00
18.50	0.18	12,690	181.84	0.00
18.60	0.18	12,755	181.85	0.00
18.70	0.18	12,818	181.86	0.00
18.80	0.17	12,881	181.87	0.00
18.90	0.17	12,943	181.87	0.00
19.00	0.17	13,004	181.88	0.00
19.10	0.17	13,065	181.89	0.00
19.20	0.16	13,125	181.90	0.00
19.30	0.16	13,184	181.90	0.00
19.40	0.16	13,242	181.91	0.00
19.50	0.16	13,300	181.92	0.00
19.60	0.16	13,357	181.93	0.00
19.70	0.16	13,413	181.93	0.00
19.80	0.15	13,469	181.94	0.00
19.90	0.15	13,524	181.95	0.00
20.00	0.15	13,579	181.95	0.00
20.10	0.15	13,633	181.96	0.00
20.20	0.15	13,687	181.97	0.00
20.30	0.15	13,740	181.97	0.00
20.40	0.15	13,792	181.98	0.00
20.50	0.14	13,845	181.99	0.00
20.60	0.14	13,896	181.99	0.00
20.70	0.14	13,948	182.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.14	13,998	182.00	0.00
20.90	0.14	14,049	182.01	0.00
21.00	0.14	14,099	182.02	0.00
21.10	0.14	14,148	182.02	0.00
21.20	0.14	14,197	182.03	0.00
21.30	0.13	14,246	182.03	0.00
21.40	0.13	14,294	182.04	0.00
21.50	0.13	14,342	182.05	0.00
21.60	0.13	14,390	182.05	0.00
21.70	0.13	14,437	182.06	0.00
21.80	0.13	14,483	182.06	0.00
21.90	0.13	14,530	182.07	0.00
22.00	0.13	14,576	182.08	0.00
22.10	0.13	14,621	182.08	0.00
22.20	0.13	14,667	182.09	0.00
22.30	0.12	14,711	182.09	0.00
22.40	0.12	14,756	182.10	0.00
22.50	0.12	14,800	182.10	0.00
22.60	0.12	14,844	182.11	0.00
22.70	0.12	14,887	182.11	0.00
22.80	0.12	14,930	182.12	0.00
22.90	0.12	14,973	182.12	0.00
23.00	0.12	15,015	182.13	0.00
23.10	0.12	15,057	182.13	0.00
23.20	0.12	15,099	182.14	0.00
23.30	0.11	15,140	182.14	0.00
23.40	0.11	15,181	182.15	0.00
23.50	0.11	15,222	182.15	0.00
23.60	0.11	15,262	182.16	0.00
23.70	0.11	15,302	182.16	0.00
23.80	0.11	15,342	182.17	0.00
23.90	0.11	15,381	182.17	0.00
24.00	0.11	15,421	182.18	0.00
24.10	0.10	15,458	182.18	0.00
24.20	0.09	15,492	182.18	0.00
24.30	0.08	15,523	182.19	0.00
24.40	0.08	15,552	182.19	0.00
24.50	0.08	15,581	182.20	0.00
24.60	0.07	15,608	182.20	0.00
24.70	0.07	15,634	182.20	0.00
24.80	0.07	15,658	182.20	0.00
24.90	0.06	15,682	182.21	0.00
25.00	0.06	15,705	182.21	0.00
25.10	0.06	15,727	182.21	0.00
25.20	0.06	15,747	182.21	0.00
25.30	0.05	15,767	182.22	0.00
25.40	0.05	15,786	182.22	0.00
25.50	0.05	15,804	182.22	0.00
25.60	0.05	15,822	182.22	0.00
25.70	0.05	15,838	182.23	0.00
25.80	0.04	15,854	182.23	0.00
25.90	0.04	15,869	182.23	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.04	15,884	182.23	0.00
26.10	0.04	15,898	182.23	0.00
26.20	0.04	15,911	182.23	0.00
26.30	0.03	15,924	182.24	0.00
26.40	0.03	15,936	182.24	0.00
26.50	0.03	15,948	182.24	0.00
26.60	0.03	15,959	182.24	0.00
26.70	0.03	15,969	182.24	0.00
26.80	0.03	15,980	182.24	0.00
26.90	0.03	15,989	182.24	0.00
27.00	0.03	15,999	182.24	0.00
27.10	0.02	16,008	182.25	0.00
27.20	0.02	16,016	182.25	0.00
27.30	0.02	16,024	182.25	0.00
27.40	0.02	16,032	182.25	0.00
27.50	0.02	16,040	182.25	0.00
27.60	0.02	16,047	182.25	0.00
27.70	0.02	16,055	182.25	0.00
27.80	0.02	16,062	182.25	0.00
27.90	0.02	16,070	182.25	0.00
28.00	0.02	16,077	182.25	0.00
28.10	0.02	16,084	182.25	0.00
28.20	0.02	16,091	182.26	0.00
28.30	0.02	16,098	182.26	0.00
28.40	0.02	16,105	182.26	0.00
28.50	0.02	16,112	182.26	0.00
28.60	0.02	16,118	182.26	0.00
28.70	0.02	16,125	182.26	0.00
28.80	0.02	16,131	182.26	0.00
28.90	0.02	16,138	182.26	0.00
29.00	0.02	16,144	182.26	0.00
29.10	0.02	16,150	182.26	0.00
29.20	0.02	16,156	182.26	0.00
29.30	0.02	16,162	182.26	0.00
29.40	0.02	16,168	182.26	0.00
29.50	0.02	16,174	182.27	0.00
29.60	0.02	16,180	182.27	0.00
29.70	0.02	16,185	182.27	0.00
29.80	0.02	16,191	182.27	0.00
29.90	0.02	16,197	182.27	0.00
30.00	0.02	16,202	182.27	0.00
30.10	0.01	16,207	182.27	0.00
30.20	0.01	16,213	182.27	0.00
30.30	0.01	16,218	182.27	0.00
30.40	0.01	16,223	182.27	0.00
30.50	0.01	16,228	182.27	0.00
30.60	0.01	16,233	182.27	0.00
30.70	0.01	16,238	182.27	0.00
30.80	0.01	16,243	182.27	0.00
30.90	0.01	16,248	182.27	0.00
31.00	0.01	16,253	182.27	0.00
31.10	0.01	16,257	182.27	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.01	16,262	182.28	0.00
31.30	0.01	16,267	182.28	0.00
31.40	0.01	16,271	182.28	0.00
31.50	0.01	16,275	182.28	0.00
31.60	0.01	16,280	182.28	0.00
31.70	0.01	16,284	182.28	0.00
31.80	0.01	16,288	182.28	0.00
31.90	0.01	16,293	182.28	0.00
32.00	0.01	16,297	182.28	0.00
32.10	0.01	16,301	182.28	0.00
32.20	0.01	16,305	182.28	0.00
32.30	0.01	16,309	182.28	0.00
32.40	0.01	16,313	182.28	0.00
32.50	0.01	16,317	182.28	0.00
32.60	0.01	16,320	182.28	0.00
32.70	0.01	16,324	182.28	0.00
32.80	0.01	16,328	182.28	0.00
32.90	0.01	16,331	182.28	0.00
33.00	0.01	16,335	182.28	0.00
33.10	0.01	16,339	182.28	0.00
33.20	0.01	16,342	182.28	0.00
33.30	0.01	16,346	182.29	0.00
33.40	0.01	16,349	182.29	0.00
33.50	0.01	16,352	182.29	0.00
33.60	0.01	16,356	182.29	0.00
33.70	0.01	16,359	182.29	0.00
33.80	0.01	16,362	182.29	0.00
33.90	0.01	16,365	182.29	0.00
34.00	0.01	16,368	182.29	0.00
34.10	0.01	16,372	182.29	0.00
34.20	0.01	16,375	182.29	0.00
34.30	0.01	16,378	182.29	0.00
34.40	0.01	16,381	182.29	0.00
34.50	0.01	16,383	182.29	0.00
34.60	0.01	16,386	182.29	0.00
34.70	0.01	16,389	182.29	0.00
34.80	0.01	16,392	182.29	0.00
34.90	0.01	16,395	182.29	0.00
35.00	0.01	16,398	182.29	0.00
35.10	0.01	16,400	182.29	0.00
35.20	0.01	16,403	182.29	0.00
35.30	0.01	16,405	182.29	0.00
35.40	0.01	16,408	182.29	0.00
35.50	0.01	16,411	182.29	0.00
35.60	0.01	16,413	182.29	0.00
35.70	0.01	16,416	182.29	0.00
35.80	0.01	16,418	182.29	0.00
35.90	0.01	16,420	182.29	0.00
36.00	0.01	16,423	182.29	0.00
36.10	0.01	16,425	182.29	0.00
36.20	0.01	16,427	182.29	0.00
36.30	0.01	16,430	182.30	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	16,432	182.30	0.00
36.50	0.01	16,434	182.30	0.00
36.60	0.01	16,436	182.30	0.00
36.70	0.01	16,438	182.30	0.00
36.80	0.01	16,441	182.30	0.00
36.90	0.01	16,443	182.30	0.00
37.00	0.01	16,445	182.30	0.00
37.10	0.01	16,447	182.30	0.00
37.20	0.01	16,449	182.30	0.00
37.30	0.01	16,451	182.30	0.00
37.40	0.01	16,453	182.30	0.00
37.50	0.01	16,455	182.30	0.00
37.60	0.01	16,457	182.30	0.00
37.70	0.01	16,458	182.30	0.00
37.80	0.01	16,460	182.30	0.00
37.90	0.01	16,462	182.30	0.00
38.00	0.00	16,464	182.30	0.00
38.10	0.00	16,466	182.30	0.00
38.20	0.00	16,467	182.30	0.00
38.30	0.00	16,469	182.30	0.00
38.40	0.00	16,471	182.30	0.00
38.50	0.00	16,473	182.30	0.00
38.60	0.00	16,474	182.30	0.00
38.70	0.00	16,476	182.30	0.00
38.80	0.00	16,477	182.30	0.00
38.90	0.00	16,479	182.30	0.00
39.00	0.00	16,481	182.30	0.00
39.10	0.00	16,482	182.30	0.00
39.20	0.00	16,484	182.30	0.00
39.30	0.00	16,485	182.30	0.00
39.40	0.00	16,487	182.30	0.00
39.50	0.00	16,488	182.30	0.00
39.60	0.00	16,490	182.30	0.00
39.70	0.00	16,491	182.30	0.00
39.80	0.00	16,492	182.30	0.00
39.90	0.00	16,494	182.30	0.00
40.00	0.00	16,495	182.30	0.00

Stage-Discharge for Pond B-46B: Basin #46B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.00
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.00
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.00
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.00
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.00
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.00
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.00
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.00
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.00
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.00
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.00
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.00
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.00
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.00
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.00
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.00
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.00
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.00
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.00
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.00
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.00
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.00
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.00
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.00
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.00
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.00
180.26	0.00	180.78	0.00	181.30	0.00	181.82	0.00
180.27	0.00	180.79	0.00	181.31	0.00	181.83	0.00
180.28	0.00	180.80	0.00	181.32	0.00	181.84	0.00
180.29	0.00	180.81	0.00	181.33	0.00	181.85	0.00
180.30	0.00	180.82	0.00	181.34	0.00	181.86	0.00
180.31	0.00	180.83	0.00	181.35	0.00	181.87	0.00
180.32	0.00	180.84	0.00	181.36	0.00	181.88	0.00
180.33	0.00	180.85	0.00	181.37	0.00	181.89	0.00
180.34	0.00	180.86	0.00	181.38	0.00	181.90	0.00
180.35	0.00	180.87	0.00	181.39	0.00	181.91	0.00
180.36	0.00	180.88	0.00	181.40	0.00	181.92	0.00
180.37	0.00	180.89	0.00	181.41	0.00	181.93	0.00
180.38	0.00	180.90	0.00	181.42	0.00	181.94	0.00
180.39	0.00	180.91	0.00	181.43	0.00	181.95	0.00
180.40	0.00	180.92	0.00	181.44	0.00	181.96	0.00
180.41	0.00	180.93	0.00	181.45	0.00	181.97	0.00
180.42	0.00	180.94	0.00	181.46	0.00	181.98	0.00
180.43	0.00	180.95	0.00	181.47	0.00	181.99	0.00
180.44	0.00	180.96	0.00	181.48	0.00	182.00	0.00
180.45	0.00	180.97	0.00	181.49	0.00	182.01	0.00
180.46	0.00	180.98	0.00	181.50	0.00	182.02	0.00
180.47	0.00	180.99	0.00	181.51	0.00	182.03	0.00
180.48	0.00	181.00	0.00	181.52	0.00	182.04	0.00
180.49	0.00	181.01	0.00	181.53	0.00	182.05	0.00
180.50	0.00	181.02	0.00	181.54	0.00	182.06	0.00
180.51	0.00	181.03	0.00	181.55	0.00	182.07	0.00

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.00	182.60	0.00	183.12	0.11	183.64	0.16
182.09	0.00	182.61	0.00	183.13	0.11	183.65	0.16
182.10	0.00	182.62	0.00	183.14	0.11	183.66	0.16
182.11	0.00	182.63	0.00	183.15	0.12	183.67	0.17
182.12	0.00	182.64	0.00	183.16	0.12	183.68	0.17
182.13	0.00	182.65	0.00	183.17	0.12	183.69	0.17
182.14	0.00	182.66	0.00	183.18	0.12	183.70	0.17
182.15	0.00	182.67	0.00	183.19	0.12	183.71	0.17
182.16	0.00	182.68	0.00	183.20	0.12	183.72	0.17
182.17	0.00	182.69	0.01	183.21	0.12	183.73	0.17
182.18	0.00	182.70	0.01	183.22	0.12	183.74	0.17
182.19	0.00	182.71	0.02	183.23	0.13	183.75	0.17
182.20	0.00	182.72	0.03	183.24	0.13	183.76	0.17
182.21	0.00	182.73	0.04	183.25	0.13	183.77	0.17
182.22	0.00	182.74	0.04	183.26	0.13	183.78	0.17
182.23	0.00	182.75	0.05	183.27	0.13	183.79	0.18
182.24	0.00	182.76	0.05	183.28	0.13	183.80	0.18
182.25	0.00	182.77	0.06	183.29	0.13	183.81	0.18
182.26	0.00	182.78	0.06	183.30	0.13	183.82	0.18
182.27	0.00	182.79	0.06	183.31	0.13	183.83	0.18
182.28	0.00	182.80	0.06	183.32	0.13	183.84	0.18
182.29	0.00	182.81	0.07	183.33	0.14	183.85	0.18
182.30	0.00	182.82	0.07	183.34	0.14	183.86	0.18
182.31	0.00	182.83	0.07	183.35	0.14	183.87	0.18
182.32	0.00	182.84	0.07	183.36	0.14	183.88	0.18
182.33	0.00	182.85	0.07	183.37	0.14	183.89	0.18
182.34	0.00	182.86	0.08	183.38	0.14	183.90	0.18
182.35	0.00	182.87	0.08	183.39	0.14	183.91	0.18
182.36	0.00	182.88	0.08	183.40	0.14	183.92	0.18
182.37	0.00	182.89	0.08	183.41	0.14	183.93	0.19
182.38	0.00	182.90	0.08	183.42	0.14	183.94	0.19
182.39	0.00	182.91	0.08	183.43	0.14	183.95	0.19
182.40	0.00	182.92	0.09	183.44	0.15	183.96	0.19
182.41	0.00	182.93	0.09	183.45	0.15	183.97	0.19
182.42	0.00	182.94	0.09	183.46	0.15	183.98	0.19
182.43	0.00	182.95	0.09	183.47	0.15	183.99	0.19
182.44	0.00	182.96	0.09	183.48	0.15	184.00	0.19
182.45	0.00	182.97	0.09	183.49	0.15	184.01	0.19
182.46	0.00	182.98	0.09	183.50	0.15	184.02	0.19
182.47	0.00	182.99	0.10	183.51	0.15	184.03	0.19
182.48	0.00	183.00	0.10	183.52	0.15	184.04	0.19
182.49	0.00	183.01	0.10	183.53	0.15	184.05	0.19
182.50	0.00	183.02	0.10	183.54	0.15	184.06	0.19
182.51	0.00	183.03	0.10	183.55	0.16	184.07	0.20
182.52	0.00	183.04	0.10	183.56	0.16	184.08	0.20
182.53	0.00	183.05	0.10	183.57	0.16	184.09	0.20
182.54	0.00	183.06	0.11	183.58	0.16	184.10	0.20
182.55	0.00	183.07	0.11	183.59	0.16	184.11	0.20
182.56	0.00	183.08	0.11	183.60	0.16	184.12	0.20
182.57	0.00	183.09	0.11	183.61	0.16	184.13	0.20
182.58	0.00	183.10	0.11	183.62	0.16	184.14	0.20
182.59	0.00	183.11	0.11	183.63	0.16	184.15	0.20

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	0.20	184.68	0.23	185.20	0.26	185.72	0.29
184.17	0.20	184.69	0.23	185.21	0.26	185.73	0.29
184.18	0.20	184.70	0.24	185.22	0.26	185.74	0.29
184.19	0.20	184.71	0.24	185.23	0.26	185.75	0.29
184.20	0.20	184.72	0.24	185.24	0.26	185.76	0.29
184.21	0.21	184.73	0.24	185.25	0.26	185.77	0.29
184.22	0.21	184.74	0.24	185.26	0.27	185.78	0.29
184.23	0.21	184.75	0.24	185.27	0.27	185.79	0.29
184.24	0.21	184.76	0.24	185.28	0.27	185.80	0.29
184.25	0.21	184.77	0.24	185.29	0.27	185.81	0.29
184.26	0.21	184.78	0.24	185.30	0.27	185.82	0.29
184.27	0.21	184.79	0.24	185.31	0.27	185.83	0.29
184.28	0.21	184.80	0.24	185.32	0.27	185.84	0.29
184.29	0.21	184.81	0.24	185.33	0.27	185.85	0.29
184.30	0.21	184.82	0.24	185.34	0.27	185.86	0.29
184.31	0.21	184.83	0.24	185.35	0.27	185.87	0.29
184.32	0.21	184.84	0.24	185.36	0.27	185.88	0.29
184.33	0.21	184.85	0.24	185.37	0.27	185.89	0.30
184.34	0.21	184.86	0.24	185.38	0.27	185.90	0.30
184.35	0.21	184.87	0.24	185.39	0.27	185.91	0.30
184.36	0.21	184.88	0.25	185.40	0.27	185.92	0.30
184.37	0.22	184.89	0.25	185.41	0.27	185.93	0.30
184.38	0.22	184.90	0.25	185.42	0.27	185.94	0.30
184.39	0.22	184.91	0.25	185.43	0.27	185.95	0.30
184.40	0.22	184.92	0.25	185.44	0.27	185.96	0.30
184.41	0.22	184.93	0.25	185.45	0.27	185.97	0.30
184.42	0.22	184.94	0.25	185.46	0.28	185.98	0.30
184.43	0.22	184.95	0.25	185.47	0.28	185.99	0.30
184.44	0.22	184.96	0.25	185.48	0.28	186.00	0.30
184.45	0.22	184.97	0.25	185.49	0.28	186.01	0.30
184.46	0.22	184.98	0.25	185.50	0.28	186.02	0.30
184.47	0.22	184.99	0.25	185.51	0.28	186.03	0.30
184.48	0.22	185.00	0.25	185.52	0.28	186.04	0.30
184.49	0.22	185.01	0.25	185.53	0.28	186.05	0.30
184.50	0.22	185.02	0.25	185.54	0.28	186.06	0.30
184.51	0.22	185.03	0.25	185.55	0.28	186.07	0.30
184.52	0.22	185.04	0.25	185.56	0.28	186.08	0.30
184.53	0.23	185.05	0.25	185.57	0.28	186.09	0.30
184.54	0.23	185.06	0.25	185.58	0.28	186.10	0.30
184.55	0.23	185.07	0.26	185.59	0.28	186.11	0.31
184.56	0.23	185.08	0.26	185.60	0.28	186.12	0.31
184.57	0.23	185.09	0.26	185.61	0.28	186.13	0.31
184.58	0.23	185.10	0.26	185.62	0.28	186.14	0.31
184.59	0.23	185.11	0.26	185.63	0.28	186.15	0.31
184.60	0.23	185.12	0.26	185.64	0.28	186.16	0.31
184.61	0.23	185.13	0.26	185.65	0.28	186.17	0.31
184.62	0.23	185.14	0.26	185.66	0.28	186.18	0.31
184.63	0.23	185.15	0.26	185.67	0.29	186.19	0.31
184.64	0.23	185.16	0.26	185.68	0.29	186.20	0.31
184.65	0.23	185.17	0.26	185.69	0.29	186.21	0.31
184.66	0.23	185.18	0.26	185.70	0.29	186.22	0.31
184.67	0.23	185.19	0.26	185.71	0.29	186.23	0.31

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	0.31	186.76	0.33	187.28	2.26	187.80	29.53
186.25	0.31	186.77	0.33	187.29	2.37	187.81	30.79
186.26	0.31	186.78	0.33	187.30	2.47	187.82	32.07
186.27	0.31	186.79	0.33	187.31	2.58	187.83	33.39
186.28	0.31	186.80	0.33	187.32	2.68	187.84	34.72
186.29	0.31	186.81	0.33	187.33	2.79	187.85	36.09
186.30	0.31	186.82	0.34	187.34	2.90	187.86	37.47
186.31	0.31	186.83	0.34	187.35	3.02	187.87	38.89
186.32	0.31	186.84	0.34	187.36	3.13	187.88	40.32
186.33	0.31	186.85	0.34	187.37	3.25	187.89	41.78
186.34	0.32	186.86	0.34	187.38	3.36	187.90	43.27
186.35	0.32	186.87	0.34	187.39	3.48	187.91	44.81
186.36	0.32	186.88	0.34	187.40	3.60	187.92	46.38
186.37	0.32	186.89	0.34	187.41	3.72	187.93	47.97
186.38	0.32	186.90	0.34	187.42	3.84	187.94	49.59
186.39	0.32	186.91	0.34	187.43	3.97	187.95	51.23
186.40	0.32	186.92	0.34	187.44	4.09	187.96	52.91
186.41	0.32	186.93	0.34	187.45	4.22	187.97	54.61
186.42	0.32	186.94	0.34	187.46	4.35	187.98	56.33
186.43	0.32	186.95	0.34	187.47	4.48	187.99	58.09
186.44	0.32	186.96	0.34	187.48	4.61	188.00	59.87
186.45	0.32	186.97	0.34	187.49	4.74		
186.46	0.32	186.98	0.34	187.50	4.87		
186.47	0.32	186.99	0.34	187.51	5.12		
186.48	0.32	187.00	0.34	187.52	5.47		
186.49	0.32	187.01	0.36	187.53	5.88		
186.50	0.32	187.02	0.38	187.54	6.35		
186.51	0.32	187.03	0.41	187.55	6.86		
186.52	0.32	187.04	0.45	187.56	7.42		
186.53	0.32	187.05	0.49	187.57	8.01		
186.54	0.32	187.06	0.54	187.58	8.63		
186.55	0.32	187.07	0.59	187.59	9.29		
186.56	0.32	187.08	0.64	187.60	9.98		
186.57	0.32	187.09	0.70	187.61	10.70		
186.58	0.33	187.10	0.76	187.62	11.45		
186.59	0.33	187.11	0.82	187.63	12.22		
186.60	0.33	187.12	0.89	187.64	13.02		
186.61	0.33	187.13	0.96	187.65	13.84		
186.62	0.33	187.14	1.03	187.66	14.69		
186.63	0.33	187.15	1.10	187.67	15.57		
186.64	0.33	187.16	1.18	187.68	16.47		
186.65	0.33	187.17	1.26	187.69	17.38		
186.66	0.33	187.18	1.34	187.70	18.33		
186.67	0.33	187.19	1.42	187.71	19.33		
186.68	0.33	187.20	1.51	187.72	20.36		
186.69	0.33	187.21	1.60	187.73	21.41		
186.70	0.33	187.22	1.69	187.74	22.49		
186.71	0.33	187.23	1.78	187.75	23.60		
186.72	0.33	187.24	1.87	187.76	24.73		
186.73	0.33	187.25	1.97	187.77	25.89		
186.74	0.33	187.26	2.06	187.78	27.08		
186.75	0.33	187.27	2.16	187.79	28.29		

Stage-Area-Storage for Pond B-46B: Basin #46B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,813	0	180.52	6,410	3,178
180.01	5,824	58	180.53	6,421	3,242
180.02	5,836	116	180.54	6,433	3,306
180.03	5,847	175	180.55	6,444	3,371
180.04	5,859	233	180.56	6,456	3,435
180.05	5,870	292	180.57	6,467	3,500
180.06	5,882	351	180.58	6,479	3,565
180.07	5,893	410	180.59	6,490	3,629
180.08	5,905	469	180.60	6,502	3,694
180.09	5,916	528	180.61	6,513	3,760
180.10	5,928	587	180.62	6,525	3,825
180.11	5,939	646	180.63	6,536	3,890
180.12	5,951	706	180.64	6,548	3,955
180.13	5,962	765	180.65	6,559	4,021
180.14	5,974	825	180.66	6,571	4,087
180.15	5,985	885	180.67	6,582	4,152
180.16	5,997	945	180.68	6,594	4,218
180.17	6,008	1,005	180.69	6,605	4,284
180.18	6,020	1,065	180.70	6,617	4,350
180.19	6,031	1,125	180.71	6,628	4,417
180.20	6,043	1,186	180.72	6,640	4,483
180.21	6,054	1,246	180.73	6,651	4,549
180.22	6,066	1,307	180.74	6,663	4,616
180.23	6,077	1,367	180.75	6,674	4,683
180.24	6,089	1,428	180.76	6,685	4,749
180.25	6,100	1,489	180.77	6,697	4,816
180.26	6,111	1,550	180.78	6,708	4,883
180.27	6,123	1,611	180.79	6,720	4,951
180.28	6,134	1,673	180.80	6,731	5,018
180.29	6,146	1,734	180.81	6,743	5,085
180.30	6,157	1,796	180.82	6,754	5,153
180.31	6,169	1,857	180.83	6,766	5,220
180.32	6,180	1,919	180.84	6,777	5,288
180.33	6,192	1,981	180.85	6,789	5,356
180.34	6,203	2,043	180.86	6,800	5,424
180.35	6,215	2,105	180.87	6,812	5,492
180.36	6,226	2,167	180.88	6,823	5,560
180.37	6,238	2,229	180.89	6,835	5,628
180.38	6,249	2,292	180.90	6,846	5,697
180.39	6,261	2,354	180.91	6,858	5,765
180.40	6,272	2,417	180.92	6,869	5,834
180.41	6,284	2,480	180.93	6,881	5,903
180.42	6,295	2,543	180.94	6,892	5,971
180.43	6,307	2,606	180.95	6,904	6,040
180.44	6,318	2,669	180.96	6,915	6,109
180.45	6,330	2,732	180.97	6,927	6,179
180.46	6,341	2,795	180.98	6,938	6,248
180.47	6,353	2,859	180.99	6,950	6,317
180.48	6,364	2,922	181.00	6,961	6,387
180.49	6,376	2,986	181.01	6,973	6,457
180.50	6,387	3,050	181.02	6,985	6,526
180.51	6,398	3,114	181.03	6,998	6,596

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	7,010	6,666	181.56	7,644	10,476
181.05	7,022	6,737	181.57	7,656	10,553
181.06	7,034	6,807	181.58	7,669	10,630
181.07	7,046	6,877	181.59	7,681	10,706
181.08	7,059	6,948	181.60	7,693	10,783
181.09	7,071	7,018	181.61	7,705	10,860
181.10	7,083	7,089	181.62	7,717	10,937
181.11	7,095	7,160	181.63	7,730	11,015
181.12	7,107	7,231	181.64	7,742	11,092
181.13	7,120	7,302	181.65	7,754	11,169
181.14	7,132	7,373	181.66	7,766	11,247
181.15	7,144	7,445	181.67	7,778	11,325
181.16	7,156	7,516	181.68	7,791	11,403
181.17	7,168	7,588	181.69	7,803	11,481
181.18	7,181	7,660	181.70	7,815	11,559
181.19	7,193	7,732	181.71	7,827	11,637
181.20	7,205	7,804	181.72	7,839	11,715
181.21	7,217	7,876	181.73	7,852	11,794
181.22	7,229	7,948	181.74	7,864	11,872
181.23	7,242	8,020	181.75	7,876	11,951
181.24	7,254	8,093	181.76	7,888	12,030
181.25	7,266	8,165	181.77	7,900	12,109
181.26	7,278	8,238	181.78	7,913	12,188
181.27	7,290	8,311	181.79	7,925	12,267
181.28	7,303	8,384	181.80	7,937	12,346
181.29	7,315	8,457	181.81	7,949	12,426
181.30	7,327	8,530	181.82	7,961	12,505
181.31	7,339	8,604	181.83	7,974	12,585
181.32	7,351	8,677	181.84	7,986	12,665
181.33	7,364	8,751	181.85	7,998	12,745
181.34	7,376	8,824	181.86	8,010	12,825
181.35	7,388	8,898	181.87	8,022	12,905
181.36	7,400	8,972	181.88	8,035	12,985
181.37	7,412	9,046	181.89	8,047	13,065
181.38	7,425	9,120	181.90	8,059	13,146
181.39	7,437	9,195	181.91	8,071	13,227
181.40	7,449	9,269	181.92	8,083	13,307
181.41	7,461	9,344	181.93	8,096	13,388
181.42	7,473	9,418	181.94	8,108	13,469
181.43	7,486	9,493	181.95	8,120	13,550
181.44	7,498	9,568	181.96	8,132	13,632
181.45	7,510	9,643	181.97	8,144	13,713
181.46	7,522	9,718	181.98	8,157	13,795
181.47	7,534	9,793	181.99	8,169	13,876
181.48	7,547	9,869	182.00	8,181	13,958
181.49	7,559	9,944	182.01	8,194	14,040
181.50	7,571	10,020	182.02	8,207	14,122
181.51	7,583	10,096	182.03	8,220	14,204
181.52	7,595	10,172	182.04	8,233	14,286
181.53	7,608	10,248	182.05	8,246	14,369
181.54	7,620	10,324	182.06	8,258	14,451
181.55	7,632	10,400	182.07	8,271	14,534

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,284	14,617	182.60	8,955	19,099
182.09	8,297	14,700	182.61	8,968	19,188
182.10	8,310	14,783	182.62	8,981	19,278
182.11	8,323	14,866	182.63	8,994	19,368
182.12	8,336	14,949	182.64	9,007	19,458
182.13	8,349	15,032	182.65	9,020	19,548
182.14	8,362	15,116	182.66	9,032	19,638
182.15	8,375	15,200	182.67	9,045	19,729
182.16	8,387	15,283	182.68	9,058	19,819
182.17	8,400	15,367	182.69	9,071	19,910
182.18	8,413	15,451	182.70	9,084	20,001
182.19	8,426	15,536	182.71	9,097	20,092
182.20	8,439	15,620	182.72	9,110	20,183
182.21	8,452	15,704	182.73	9,123	20,274
182.22	8,465	15,789	182.74	9,136	20,365
182.23	8,478	15,874	182.75	9,149	20,457
182.24	8,491	15,959	182.76	9,161	20,548
182.25	8,504	16,044	182.77	9,174	20,640
182.26	8,516	16,129	182.78	9,187	20,732
182.27	8,529	16,214	182.79	9,200	20,824
182.28	8,542	16,299	182.80	9,213	20,916
182.29	8,555	16,385	182.81	9,226	21,008
182.30	8,568	16,470	182.82	9,239	21,100
182.31	8,581	16,556	182.83	9,252	21,193
182.32	8,594	16,642	182.84	9,265	21,285
182.33	8,607	16,728	182.85	9,277	21,378
182.34	8,620	16,814	182.86	9,290	21,471
182.35	8,632	16,900	182.87	9,303	21,564
182.36	8,645	16,987	182.88	9,316	21,657
182.37	8,658	17,073	182.89	9,329	21,750
182.38	8,671	17,160	182.90	9,342	21,843
182.39	8,684	17,247	182.91	9,355	21,937
182.40	8,697	17,334	182.92	9,368	22,030
182.41	8,710	17,421	182.93	9,381	22,124
182.42	8,723	17,508	182.94	9,394	22,218
182.43	8,736	17,595	182.95	9,406	22,312
182.44	8,749	17,683	182.96	9,419	22,406
182.45	8,761	17,770	182.97	9,432	22,500
182.46	8,774	17,858	182.98	9,445	22,595
182.47	8,787	17,946	182.99	9,458	22,689
182.48	8,800	18,033	183.00	9,471	22,784
182.49	8,813	18,122	183.01	9,487	22,879
182.50	8,826	18,210	183.02	9,503	22,974
182.51	8,839	18,298	183.03	9,519	23,069
182.52	8,852	18,387	183.04	9,535	23,164
182.53	8,865	18,475	183.05	9,550	23,260
182.54	8,878	18,564	183.06	9,566	23,355
182.55	8,891	18,653	183.07	9,582	23,451
182.56	8,903	18,742	183.08	9,598	23,547
182.57	8,916	18,831	183.09	9,614	23,643
182.58	8,929	18,920	183.10	9,630	23,739
182.59	8,942	19,009	183.11	9,646	23,835

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,662	23,932	183.64	10,487	29,171
183.13	9,677	24,029	183.65	10,503	29,276
183.14	9,693	24,126	183.66	10,519	29,381
183.15	9,709	24,223	183.67	10,535	29,486
183.16	9,725	24,320	183.68	10,551	29,591
183.17	9,741	24,417	183.69	10,567	29,697
183.18	9,757	24,515	183.70	10,583	29,803
183.19	9,773	24,612	183.71	10,598	29,909
183.20	9,789	24,710	183.72	10,614	30,015
183.21	9,804	24,808	183.73	10,630	30,121
183.22	9,820	24,906	183.74	10,646	30,227
183.23	9,836	25,004	183.75	10,662	30,334
183.24	9,852	25,103	183.76	10,678	30,441
183.25	9,868	25,201	183.77	10,694	30,547
183.26	9,884	25,300	183.78	10,710	30,654
183.27	9,900	25,399	183.79	10,726	30,762
183.28	9,916	25,498	183.80	10,741	30,869
183.29	9,932	25,597	183.81	10,757	30,976
183.30	9,947	25,697	183.82	10,773	31,084
183.31	9,963	25,796	183.83	10,789	31,192
183.32	9,979	25,896	183.84	10,805	31,300
183.33	9,995	25,996	183.85	10,821	31,408
183.34	10,011	26,096	183.86	10,837	31,516
183.35	10,027	26,196	183.87	10,853	31,625
183.36	10,043	26,296	183.88	10,868	31,733
183.37	10,059	26,397	183.89	10,884	31,842
183.38	10,074	26,498	183.90	10,900	31,951
183.39	10,090	26,598	183.91	10,916	32,060
183.40	10,106	26,699	183.92	10,932	32,169
183.41	10,122	26,801	183.93	10,948	32,279
183.42	10,138	26,902	183.94	10,964	32,388
183.43	10,154	27,003	183.95	10,980	32,498
183.44	10,170	27,105	183.96	10,995	32,608
183.45	10,186	27,207	183.97	11,011	32,718
183.46	10,201	27,309	183.98	11,027	32,828
183.47	10,217	27,411	183.99	11,043	32,938
183.48	10,233	27,513	184.00	11,059	33,049
183.49	10,249	27,615	184.01	11,072	33,160
183.50	10,265	27,718	184.02	11,086	33,270
183.51	10,281	27,821	184.03	11,099	33,381
183.52	10,297	27,924	184.04	11,113	33,492
183.53	10,313	28,027	184.05	11,126	33,604
183.54	10,329	28,130	184.06	11,140	33,715
183.55	10,344	28,233	184.07	11,153	33,826
183.56	10,360	28,337	184.08	11,166	33,938
183.57	10,376	28,440	184.09	11,180	34,050
183.58	10,392	28,544	184.10	11,193	34,162
183.59	10,408	28,648	184.11	11,207	34,274
183.60	10,424	28,752	184.12	11,220	34,386
183.61	10,440	28,857	184.13	11,234	34,498
183.62	10,456	28,961	184.14	11,247	34,610
183.63	10,471	29,066	184.15	11,260	34,723

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	11,274	34,836	184.68	11,972	40,880
184.17	11,287	34,948	184.69	11,986	40,999
184.18	11,301	35,061	184.70	11,999	41,119
184.19	11,314	35,174	184.71	12,013	41,239
184.20	11,328	35,288	184.72	12,026	41,360
184.21	11,341	35,401	184.73	12,039	41,480
184.22	11,354	35,514	184.74	12,053	41,600
184.23	11,368	35,628	184.75	12,066	41,721
184.24	11,381	35,742	184.76	12,080	41,842
184.25	11,395	35,856	184.77	12,093	41,963
184.26	11,408	35,970	184.78	12,107	42,084
184.27	11,422	36,084	184.79	12,120	42,205
184.28	11,435	36,198	184.80	12,133	42,326
184.29	11,448	36,313	184.81	12,147	42,447
184.30	11,462	36,427	184.82	12,160	42,569
184.31	11,475	36,542	184.83	12,174	42,691
184.32	11,489	36,657	184.84	12,187	42,812
184.33	11,502	36,772	184.85	12,201	42,934
184.34	11,516	36,887	184.86	12,214	43,056
184.35	11,529	37,002	184.87	12,227	43,179
184.36	11,542	37,117	184.88	12,241	43,301
184.37	11,556	37,233	184.89	12,254	43,423
184.38	11,569	37,348	184.90	12,268	43,546
184.39	11,583	37,464	184.91	12,281	43,669
184.40	11,596	37,580	184.92	12,295	43,792
184.41	11,610	37,696	184.93	12,308	43,915
184.42	11,623	37,812	184.94	12,321	44,038
184.43	11,636	37,929	184.95	12,335	44,161
184.44	11,650	38,045	184.96	12,348	44,284
184.45	11,663	38,162	184.97	12,362	44,408
184.46	11,677	38,278	184.98	12,375	44,532
184.47	11,690	38,395	184.99	12,389	44,656
184.48	11,704	38,512	185.00	12,402	44,780
184.49	11,717	38,629	185.01	12,416	44,904
184.50	11,731	38,746	185.02	12,430	45,028
184.51	11,744	38,864	185.03	12,444	45,152
184.52	11,757	38,981	185.04	12,458	45,277
184.53	11,771	39,099	185.05	12,472	45,401
184.54	11,784	39,217	185.06	12,486	45,526
184.55	11,798	39,335	185.07	12,500	45,651
184.56	11,811	39,453	185.08	12,514	45,776
184.57	11,825	39,571	185.09	12,528	45,901
184.58	11,838	39,689	185.10	12,542	46,027
184.59	11,851	39,808	185.11	12,556	46,152
184.60	11,865	39,926	185.12	12,570	46,278
184.61	11,878	40,045	185.13	12,584	46,404
184.62	11,892	40,164	185.14	12,598	46,530
184.63	11,905	40,283	185.15	12,612	46,656
184.64	11,919	40,402	185.16	12,626	46,782
184.65	11,932	40,521	185.17	12,640	46,908
184.66	11,945	40,640	185.18	12,654	47,035
184.67	11,959	40,760	185.19	12,668	47,161

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	12,682	47,288	185.72	13,411	54,072
185.21	12,696	47,415	185.73	13,425	54,206
185.22	12,710	47,542	185.74	13,439	54,341
185.23	12,724	47,669	185.75	13,453	54,475
185.24	12,738	47,796	185.76	13,467	54,610
185.25	12,752	47,924	185.77	13,481	54,744
185.26	12,766	48,051	185.78	13,495	54,879
185.27	12,780	48,179	185.79	13,509	55,014
185.28	12,794	48,307	185.80	13,523	55,149
185.29	12,808	48,435	185.81	13,537	55,285
185.30	12,822	48,563	185.82	13,551	55,420
185.31	12,836	48,691	185.83	13,565	55,556
185.32	12,850	48,820	185.84	13,579	55,691
185.33	12,864	48,948	185.85	13,593	55,827
185.34	12,878	49,077	185.86	13,607	55,963
185.35	12,892	49,206	185.87	13,621	56,099
185.36	12,906	49,335	185.88	13,635	56,236
185.37	12,920	49,464	185.89	13,649	56,372
185.38	12,934	49,593	185.90	13,663	56,509
185.39	12,948	49,723	185.91	13,677	56,645
185.40	12,962	49,852	185.92	13,691	56,782
185.41	12,976	49,982	185.93	13,705	56,919
185.42	12,990	50,112	185.94	13,719	57,056
185.43	13,004	50,242	185.95	13,733	57,194
185.44	13,018	50,372	185.96	13,747	57,331
185.45	13,032	50,502	185.97	13,761	57,469
185.46	13,046	50,633	185.98	13,775	57,606
185.47	13,060	50,763	185.99	13,789	57,744
185.48	13,074	50,894	186.00	13,803	57,882
185.49	13,088	51,025	186.01	13,818	58,020
185.50	13,103	51,156	186.02	13,832	58,158
185.51	13,117	51,287	186.03	13,847	58,297
185.52	13,131	51,418	186.04	13,861	58,435
185.53	13,145	51,549	186.05	13,876	58,574
185.54	13,159	51,681	186.06	13,890	58,713
185.55	13,173	51,813	186.07	13,905	58,852
185.56	13,187	51,944	186.08	13,919	58,991
185.57	13,201	52,076	186.09	13,934	59,130
185.58	13,215	52,208	186.10	13,949	59,270
185.59	13,229	52,341	186.11	13,963	59,409
185.60	13,243	52,473	186.12	13,978	59,549
185.61	13,257	52,605	186.13	13,992	59,689
185.62	13,271	52,738	186.14	14,007	59,829
185.63	13,285	52,871	186.15	14,021	59,969
185.64	13,299	53,004	186.16	14,036	60,109
185.65	13,313	53,137	186.17	14,051	60,250
185.66	13,327	53,270	186.18	14,065	60,390
185.67	13,341	53,403	186.19	14,080	60,531
185.68	13,355	53,537	186.20	14,094	60,672
185.69	13,369	53,670	186.21	14,109	60,813
185.70	13,383	53,804	186.22	14,123	60,954
185.71	13,397	53,938	186.23	14,138	61,095

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	14,152	61,237	186.76	14,910	68,793
186.25	14,167	61,378	186.77	14,924	68,942
186.26	14,182	61,520	186.78	14,939	69,091
186.27	14,196	61,662	186.79	14,953	69,241
186.28	14,211	61,804	186.80	14,968	69,390
186.29	14,225	61,946	186.81	14,982	69,540
186.30	14,240	62,088	186.82	14,997	69,690
186.31	14,254	62,231	186.83	15,011	69,840
186.32	14,269	62,374	186.84	15,026	69,990
186.33	14,283	62,516	186.85	15,041	70,141
186.34	14,298	62,659	186.86	15,055	70,291
186.35	14,313	62,802	186.87	15,070	70,442
186.36	14,327	62,945	186.88	15,084	70,592
186.37	14,342	63,089	186.89	15,099	70,743
186.38	14,356	63,232	186.90	15,113	70,894
186.39	14,371	63,376	186.91	15,128	71,046
186.40	14,385	63,520	186.92	15,143	71,197
186.41	14,400	63,664	186.93	15,157	71,348
186.42	14,415	63,808	186.94	15,172	71,500
186.43	14,429	63,952	186.95	15,186	71,652
186.44	14,444	64,096	186.96	15,201	71,804
186.45	14,458	64,241	186.97	15,215	71,956
186.46	14,473	64,385	186.98	15,230	72,108
186.47	14,487	64,530	186.99	15,244	72,260
186.48	14,502	64,675	187.00	15,259	72,413
186.49	14,516	64,820	187.01	15,274	72,566
186.50	14,531	64,966	187.02	15,289	72,718
186.51	14,546	65,111	187.03	15,304	72,871
186.52	14,560	65,256	187.04	15,320	73,025
186.53	14,575	65,402	187.05	15,335	73,178
186.54	14,589	65,548	187.06	15,350	73,331
186.55	14,604	65,694	187.07	15,365	73,485
186.56	14,618	65,840	187.08	15,380	73,639
186.57	14,633	65,986	187.09	15,395	73,792
186.58	14,647	66,133	187.10	15,410	73,946
186.59	14,662	66,279	187.11	15,425	74,101
186.60	14,677	66,426	187.12	15,441	74,255
186.61	14,691	66,573	187.13	15,456	74,409
186.62	14,706	66,720	187.14	15,471	74,564
186.63	14,720	66,867	187.15	15,486	74,719
186.64	14,735	67,014	187.16	15,501	74,874
186.65	14,749	67,162	187.17	15,516	75,029
186.66	14,764	67,309	187.18	15,531	75,184
186.67	14,779	67,457	187.19	15,546	75,340
186.68	14,793	67,605	187.20	15,562	75,495
186.69	14,808	67,753	187.21	15,577	75,651
186.70	14,822	67,901	187.22	15,592	75,807
186.71	14,837	68,049	187.23	15,607	75,963
186.72	14,851	68,198	187.24	15,622	76,119
186.73	14,866	68,346	187.25	15,637	76,275
186.74	14,880	68,495	187.26	15,652	76,431
186.75	14,895	68,644	187.27	15,668	76,588

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	15,683	76,745	187.80	16,469	85,104
187.29	15,698	76,902	187.81	16,485	85,269
187.30	15,713	77,059	187.82	16,500	85,434
187.31	15,728	77,216	187.83	16,515	85,599
187.32	15,743	77,373	187.84	16,530	85,764
187.33	15,758	77,531	187.85	16,545	85,930
187.34	15,773	77,689	187.86	16,560	86,095
187.35	15,789	77,846	187.87	16,575	86,261
187.36	15,804	78,004	187.88	16,590	86,427
187.37	15,819	78,162	187.89	16,606	86,593
187.38	15,834	78,321	187.90	16,621	86,759
187.39	15,849	78,479	187.91	16,636	86,925
187.40	15,864	78,638	187.92	16,651	87,092
187.41	15,879	78,796	187.93	16,666	87,258
187.42	15,894	78,955	187.94	16,681	87,425
187.43	15,910	79,114	187.95	16,696	87,592
187.44	15,925	79,273	187.96	16,711	87,759
187.45	15,940	79,433	187.97	16,727	87,926
187.46	15,955	79,592	187.98	16,742	88,093
187.47	15,970	79,752	187.99	16,757	88,261
187.48	15,985	79,912	188.00	16,772	88,429
187.49	16,000	80,072			
187.50	16,016	80,232			
187.51	16,031	80,392			
187.52	16,046	80,552			
187.53	16,061	80,713			
187.54	16,076	80,873			
187.55	16,091	81,034			
187.56	16,106	81,195			
187.57	16,121	81,356			
187.58	16,137	81,518			
187.59	16,152	81,679			
187.60	16,167	81,841			
187.61	16,182	82,002			
187.62	16,197	82,164			
187.63	16,212	82,326			
187.64	16,227	82,489			
187.65	16,242	82,651			
187.66	16,258	82,813			
187.67	16,273	82,976			
187.68	16,288	83,139			
187.69	16,303	83,302			
187.70	16,318	83,465			
187.71	16,333	83,628			
187.72	16,348	83,792			
187.73	16,363	83,955			
187.74	16,379	84,119			
187.75	16,394	84,283			
187.76	16,409	84,447			
187.77	16,424	84,611			
187.78	16,439	84,775			
187.79	16,454	84,940			

Summary for Pond B-47: Basin #47

Inflow Area = 2.436 ac, 30.62% Impervious, Inflow Depth = 2.14" for Future 2 yr event
 Inflow = 4.35 cfs @ 12.12 hrs, Volume= 0.434 af
 Outflow = 0.30 cfs @ 14.32 hrs, Volume= 0.257 af, Atten= 93%, Lag= 132.1 min
 Primary = 0.30 cfs @ 14.32 hrs, Volume= 0.257 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.58' @ 14.32 hrs Surf.Area= 22,444 sf Storage= 12,740 cf

Plug-Flow detention time= 640.8 min calculated for 0.257 af (59% of inflow)
 Center-of-Mass det. time= 522.2 min (1,328.8 - 806.6)

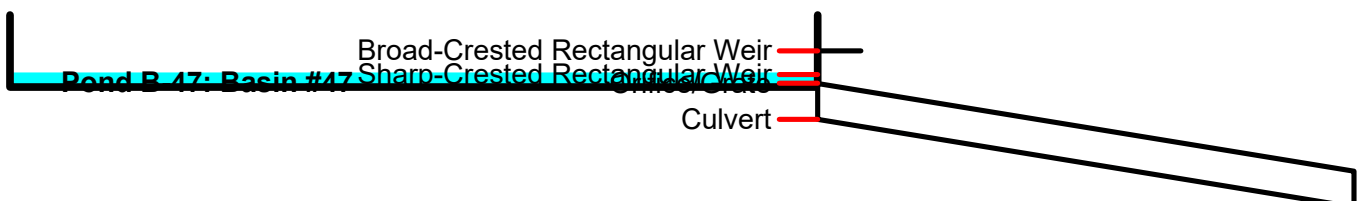
Volume	Invert	Avail.Storage	Storage Description
#1	189.00'	72,844 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
189.00	21,318	0	0
190.00	23,252	22,285	22,285
191.00	25,242	24,247	46,532
192.00	27,382	26,312	72,844

Device	Routing	Invert	Outlet Devices
#1	Primary	187.65'	18.0" Round Culvert L= 62.0' Ke= 0.500 Inlet / Outlet Invert= 187.65' / 184.00' S= 0.0589 ' S= 0.0589 ' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	189.16'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.52'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.51'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

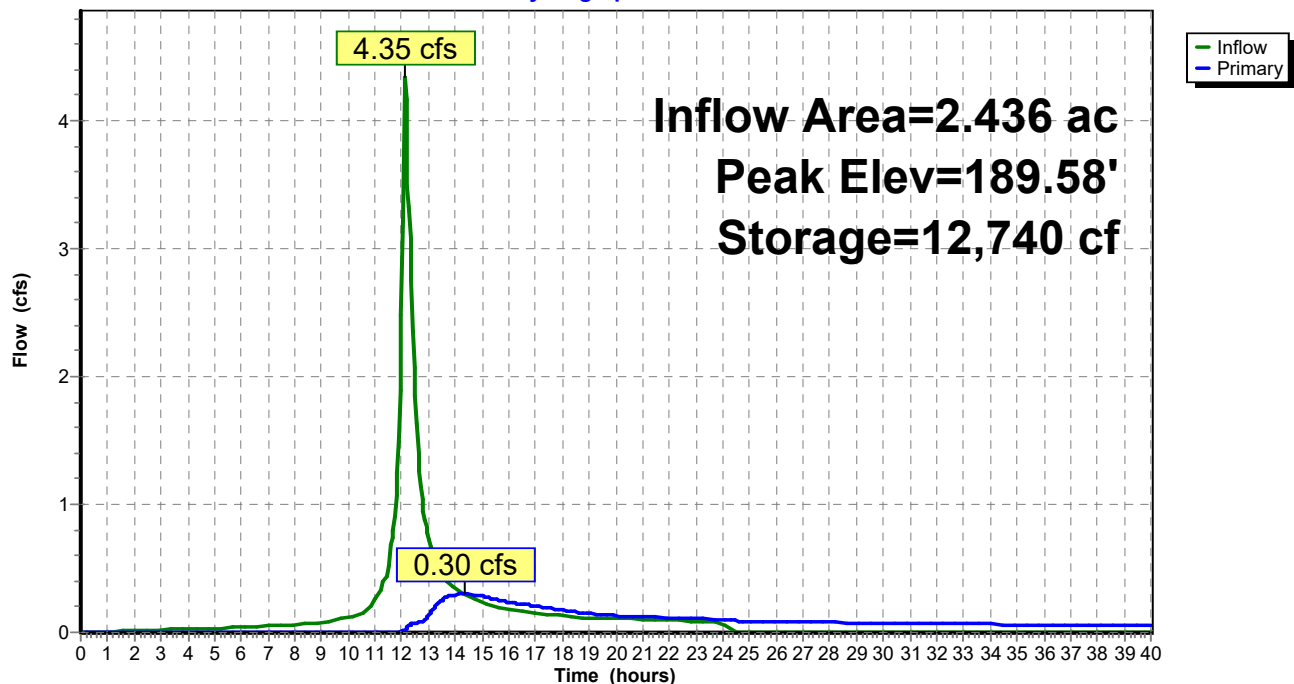
Primary OutFlow Max=0.30 cfs @ 14.32 hrs HW=189.58' (Free Discharge)

1=Culvert (Passes 0.30 cfs of 9.25 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.09 cfs @ 2.72 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.20 cfs @ 0.82 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-47: Basin #47

Hydrograph



Hydrograph for Pond B-47: Basin #47

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	189.00	0.00
0.10	0.00	0	189.00	0.00
0.20	0.00	0	189.00	0.00
0.30	0.00	0	189.00	0.00
0.40	0.00	0	189.00	0.00
0.50	0.00	0	189.00	0.00
0.60	0.00	0	189.00	0.00
0.70	0.00	0	189.00	0.00
0.80	0.00	0	189.00	0.00
0.90	0.00	0	189.00	0.00
1.00	0.00	0	189.00	0.00
1.10	0.00	0	189.00	0.00
1.20	0.00	1	189.00	0.00
1.30	0.00	2	189.00	0.00
1.40	0.00	3	189.00	0.00
1.50	0.01	5	189.00	0.00
1.60	0.01	7	189.00	0.00
1.70	0.01	10	189.00	0.00
1.80	0.01	13	189.00	0.00
1.90	0.01	16	189.00	0.00
2.00	0.01	20	189.00	0.00
2.10	0.01	24	189.00	0.00
2.20	0.01	29	189.00	0.00
2.30	0.01	34	189.00	0.00
2.40	0.01	39	189.00	0.00
2.50	0.02	45	189.00	0.00
2.60	0.02	50	189.00	0.00
2.70	0.02	57	189.00	0.00
2.80	0.02	63	189.00	0.00
2.90	0.02	70	189.00	0.00
3.00	0.02	77	189.00	0.00
3.10	0.02	84	189.00	0.00
3.20	0.02	92	189.00	0.00
3.30	0.02	99	189.00	0.00
3.40	0.02	107	189.01	0.00
3.50	0.02	116	189.01	0.00
3.60	0.02	124	189.01	0.00
3.70	0.02	133	189.01	0.00
3.80	0.03	142	189.01	0.00
3.90	0.03	152	189.01	0.00
4.00	0.03	161	189.01	0.00
4.10	0.03	171	189.01	0.00
4.20	0.03	181	189.01	0.00
4.30	0.03	191	189.01	0.00
4.40	0.03	201	189.01	0.00
4.50	0.03	212	189.01	0.00
4.60	0.03	223	189.01	0.00
4.70	0.03	234	189.01	0.00
4.80	0.03	245	189.01	0.00
4.90	0.03	256	189.01	0.00
5.00	0.03	268	189.01	0.00
5.10	0.03	280	189.01	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	292	189.01	0.00
5.30	0.03	304	189.01	0.00
5.40	0.03	316	189.01	0.00
5.50	0.04	329	189.02	0.00
5.60	0.04	342	189.02	0.00
5.70	0.04	355	189.02	0.00
5.80	0.04	368	189.02	0.00
5.90	0.04	381	189.02	0.00
6.00	0.04	394	189.02	0.00
6.10	0.04	408	189.02	0.00
6.20	0.04	422	189.02	0.00
6.30	0.04	437	189.02	0.00
6.40	0.04	452	189.02	0.00
6.50	0.04	467	189.02	0.00
6.60	0.04	483	189.02	0.00
6.70	0.05	499	189.02	0.00
6.80	0.05	516	189.02	0.00
6.90	0.05	533	189.02	0.00
7.00	0.05	551	189.03	0.00
7.10	0.05	569	189.03	0.00
7.20	0.05	587	189.03	0.00
7.30	0.05	606	189.03	0.00
7.40	0.05	625	189.03	0.00
7.50	0.06	645	189.03	0.00
7.60	0.06	665	189.03	0.00
7.70	0.06	686	189.03	0.00
7.80	0.06	707	189.03	0.00
7.90	0.06	729	189.03	0.00
8.00	0.06	751	189.04	0.00
8.10	0.06	773	189.04	0.00
8.20	0.06	796	189.04	0.00
8.30	0.07	820	189.04	0.00
8.40	0.07	844	189.04	0.00
8.50	0.07	868	189.04	0.00
8.60	0.07	893	189.04	0.00
8.70	0.07	918	189.04	0.00
8.80	0.07	944	189.04	0.00
8.90	0.07	970	189.05	0.00
9.00	0.07	996	189.05	0.00
9.10	0.08	1,024	189.05	0.00
9.20	0.08	1,052	189.05	0.00
9.30	0.09	1,083	189.05	0.00
9.40	0.09	1,115	189.05	0.00
9.50	0.10	1,148	189.05	0.00
9.60	0.10	1,183	189.06	0.00
9.70	0.10	1,220	189.06	0.00
9.80	0.11	1,258	189.06	0.00
9.90	0.11	1,298	189.06	0.00
10.00	0.12	1,339	189.06	0.00
10.10	0.12	1,382	189.06	0.00
10.20	0.13	1,426	189.07	0.00
10.30	0.13	1,472	189.07	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,521	189.07	0.00
10.50	0.15	1,572	189.07	0.00
10.60	0.16	1,628	189.08	0.00
10.70	0.18	1,690	189.08	0.00
10.80	0.21	1,761	189.08	0.00
10.90	0.23	1,839	189.09	0.00
11.00	0.25	1,926	189.09	0.00
11.10	0.29	2,023	189.09	0.00
11.20	0.33	2,136	189.10	0.00
11.30	0.38	2,264	189.11	0.00
11.40	0.43	2,410	189.11	0.00
11.50	0.48	2,574	189.12	0.00
11.60	0.68	2,779	189.13	0.00
11.70	0.80	3,046	189.14	0.00
11.80	1.07	3,378	189.16	0.00
11.90	1.50	3,835	189.18	0.00
12.00	2.48	4,535	189.21	0.00
12.10	4.24	5,717	189.26	0.02
12.20	3.50	7,154	189.33	0.04
12.30	3.08	8,330	189.38	0.06
12.40	2.36	9,293	189.43	0.07
12.50	1.85	10,020	189.46	0.07
12.60	1.40	10,579	189.49	0.08
12.70	1.14	11,006	189.50	0.08
12.80	0.95	11,352	189.52	0.08
12.90	0.83	11,636	189.53	0.11
13.00	0.73	11,873	189.54	0.14
13.10	0.65	12,067	189.55	0.17
13.20	0.59	12,225	189.56	0.20
13.30	0.54	12,353	189.57	0.22
13.40	0.49	12,458	189.57	0.24
13.50	0.45	12,540	189.57	0.25
13.60	0.41	12,601	189.58	0.27
13.70	0.38	12,646	189.58	0.28
13.80	0.36	12,678	189.58	0.29
13.90	0.35	12,702	189.58	0.29
14.00	0.33	12,719	189.58	0.29
14.10	0.32	12,730	189.58	0.30
14.20	0.31	12,737	189.58	0.30
14.30	0.30	12,740	189.58	0.30
14.40	0.29	12,739	189.58	0.30
14.50	0.28	12,735	189.58	0.30
14.60	0.27	12,727	189.58	0.30
14.70	0.26	12,717	189.58	0.29
14.80	0.25	12,703	189.58	0.29
14.90	0.24	12,687	189.58	0.29
15.00	0.23	12,669	189.58	0.28
15.10	0.22	12,648	189.58	0.28
15.20	0.21	12,626	189.58	0.27
15.30	0.20	12,603	189.58	0.27
15.40	0.20	12,581	189.58	0.26
15.50	0.20	12,559	189.57	0.26

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.19	12,537	189.57	0.25
15.70	0.19	12,516	189.57	0.25
15.80	0.19	12,496	189.57	0.24
15.90	0.19	12,476	189.57	0.24
16.00	0.18	12,457	189.57	0.24
16.10	0.18	12,439	189.57	0.23
16.20	0.18	12,420	189.57	0.23
16.30	0.17	12,402	189.57	0.23
16.40	0.17	12,383	189.57	0.22
16.50	0.17	12,365	189.57	0.22
16.60	0.17	12,347	189.56	0.22
16.70	0.16	12,329	189.56	0.21
16.80	0.16	12,311	189.56	0.21
16.90	0.16	12,293	189.56	0.21
17.00	0.16	12,275	189.56	0.20
17.10	0.15	12,258	189.56	0.20
17.20	0.15	12,240	189.56	0.20
17.30	0.15	12,223	189.56	0.20
17.40	0.14	12,205	189.56	0.19
17.50	0.14	12,187	189.56	0.19
17.60	0.14	12,170	189.56	0.19
17.70	0.14	12,152	189.56	0.18
17.80	0.13	12,135	189.56	0.18
17.90	0.13	12,118	189.55	0.18
18.00	0.13	12,100	189.55	0.17
18.10	0.12	12,083	189.55	0.17
18.20	0.12	12,066	189.55	0.17
18.30	0.12	12,049	189.55	0.17
18.40	0.12	12,033	189.55	0.16
18.50	0.12	12,017	189.55	0.16
18.60	0.12	12,002	189.55	0.16
18.70	0.12	11,987	189.55	0.16
18.80	0.12	11,974	189.55	0.15
18.90	0.12	11,960	189.55	0.15
19.00	0.11	11,948	189.55	0.15
19.10	0.11	11,935	189.55	0.15
19.20	0.11	11,924	189.55	0.15
19.30	0.11	11,912	189.55	0.14
19.40	0.11	11,902	189.54	0.14
19.50	0.11	11,891	189.54	0.14
19.60	0.11	11,881	189.54	0.14
19.70	0.11	11,871	189.54	0.14
19.80	0.11	11,862	189.54	0.13
19.90	0.11	11,853	189.54	0.13
20.00	0.11	11,844	189.54	0.13
20.10	0.11	11,836	189.54	0.13
20.20	0.11	11,828	189.54	0.13
20.30	0.11	11,819	189.54	0.13
20.40	0.10	11,812	189.54	0.13
20.50	0.10	11,804	189.54	0.12
20.60	0.10	11,797	189.54	0.12
20.70	0.10	11,790	189.54	0.12

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.10	11,782	189.54	0.12
20.90	0.10	11,775	189.54	0.12
21.00	0.10	11,768	189.54	0.12
21.10	0.10	11,761	189.54	0.12
21.20	0.10	11,753	189.54	0.12
21.30	0.10	11,746	189.54	0.12
21.40	0.10	11,739	189.54	0.12
21.50	0.10	11,731	189.54	0.12
21.60	0.10	11,724	189.54	0.12
21.70	0.10	11,717	189.54	0.12
21.80	0.10	11,709	189.54	0.12
21.90	0.09	11,702	189.54	0.11
22.00	0.09	11,694	189.54	0.11
22.10	0.09	11,687	189.54	0.11
22.20	0.09	11,679	189.53	0.11
22.30	0.09	11,672	189.53	0.11
22.40	0.09	11,664	189.53	0.11
22.50	0.09	11,657	189.53	0.11
22.60	0.09	11,649	189.53	0.11
22.70	0.09	11,642	189.53	0.11
22.80	0.09	11,634	189.53	0.11
22.90	0.09	11,627	189.53	0.11
23.00	0.09	11,619	189.53	0.11
23.10	0.09	11,611	189.53	0.11
23.20	0.08	11,604	189.53	0.11
23.30	0.08	11,596	189.53	0.11
23.40	0.08	11,588	189.53	0.10
23.50	0.08	11,581	189.53	0.10
23.60	0.08	11,573	189.53	0.10
23.70	0.08	11,565	189.53	0.10
23.80	0.08	11,558	189.53	0.10
23.90	0.08	11,550	189.53	0.10
24.00	0.09	11,543	189.53	0.10
24.10	0.06	11,533	189.53	0.10
24.20	0.04	11,515	189.53	0.10
24.30	0.02	11,489	189.53	0.10
24.40	0.01	11,459	189.53	0.09
24.50	0.00	11,428	189.52	0.09
24.60	0.00	11,397	189.52	0.09
24.70	0.00	11,366	189.52	0.08
24.80	0.00	11,336	189.52	0.08
24.90	0.00	11,306	189.52	0.08
25.00	0.00	11,277	189.52	0.08
25.10	0.00	11,247	189.52	0.08
25.20	0.00	11,217	189.51	0.08
25.30	0.00	11,188	189.51	0.08
25.40	0.00	11,159	189.51	0.08
25.50	0.00	11,129	189.51	0.08
25.60	0.00	11,100	189.51	0.08
25.70	0.00	11,071	189.51	0.08
25.80	0.00	11,042	189.51	0.08
25.90	0.00	11,013	189.51	0.08

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	10,984	189.50	0.08
26.10	0.00	10,955	189.50	0.08
26.20	0.00	10,926	189.50	0.08
26.30	0.00	10,897	189.50	0.08
26.40	0.00	10,869	189.50	0.08
26.50	0.00	10,840	189.50	0.08
26.60	0.00	10,812	189.50	0.08
26.70	0.00	10,783	189.49	0.08
26.80	0.00	10,755	189.49	0.08
26.90	0.00	10,727	189.49	0.08
27.00	0.00	10,698	189.49	0.08
27.10	0.00	10,670	189.49	0.08
27.20	0.00	10,642	189.49	0.08
27.30	0.00	10,614	189.49	0.08
27.40	0.00	10,587	189.49	0.08
27.50	0.00	10,559	189.48	0.08
27.60	0.00	10,531	189.48	0.08
27.70	0.00	10,503	189.48	0.08
27.80	0.00	10,476	189.48	0.08
27.90	0.00	10,448	189.48	0.08
28.00	0.00	10,421	189.48	0.08
28.10	0.00	10,394	189.48	0.08
28.20	0.00	10,367	189.48	0.08
28.30	0.00	10,339	189.47	0.08
28.40	0.00	10,312	189.47	0.08
28.50	0.00	10,285	189.47	0.07
28.60	0.00	10,258	189.47	0.07
28.70	0.00	10,232	189.47	0.07
28.80	0.00	10,205	189.47	0.07
28.90	0.00	10,178	189.47	0.07
29.00	0.00	10,152	189.47	0.07
29.10	0.00	10,125	189.47	0.07
29.20	0.00	10,099	189.46	0.07
29.30	0.00	10,072	189.46	0.07
29.40	0.00	10,046	189.46	0.07
29.50	0.00	10,020	189.46	0.07
29.60	0.00	9,994	189.46	0.07
29.70	0.00	9,968	189.46	0.07
29.80	0.00	9,942	189.46	0.07
29.90	0.00	9,916	189.46	0.07
30.00	0.00	9,890	189.45	0.07
30.10	0.00	9,864	189.45	0.07
30.20	0.00	9,839	189.45	0.07
30.30	0.00	9,813	189.45	0.07
30.40	0.00	9,788	189.45	0.07
30.50	0.00	9,762	189.45	0.07
30.60	0.00	9,737	189.45	0.07
30.70	0.00	9,712	189.45	0.07
30.80	0.00	9,686	189.45	0.07
30.90	0.00	9,661	189.44	0.07
31.00	0.00	9,636	189.44	0.07
31.10	0.00	9,611	189.44	0.07

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,586	189.44	0.07
31.30	0.00	9,562	189.44	0.07
31.40	0.00	9,537	189.44	0.07
31.50	0.00	9,512	189.44	0.07
31.60	0.00	9,488	189.44	0.07
31.70	0.00	9,463	189.44	0.07
31.80	0.00	9,439	189.43	0.07
31.90	0.00	9,415	189.43	0.07
32.00	0.00	9,390	189.43	0.07
32.10	0.00	9,366	189.43	0.07
32.20	0.00	9,342	189.43	0.07
32.30	0.00	9,318	189.43	0.07
32.40	0.00	9,294	189.43	0.07
32.50	0.00	9,270	189.43	0.07
32.60	0.00	9,247	189.43	0.07
32.70	0.00	9,223	189.42	0.07
32.80	0.00	9,199	189.42	0.07
32.90	0.00	9,176	189.42	0.07
33.00	0.00	9,152	189.42	0.07
33.10	0.00	9,129	189.42	0.06
33.20	0.00	9,106	189.42	0.06
33.30	0.00	9,083	189.42	0.06
33.40	0.00	9,059	189.42	0.06
33.50	0.00	9,036	189.42	0.06
33.60	0.00	9,013	189.41	0.06
33.70	0.00	8,990	189.41	0.06
33.80	0.00	8,968	189.41	0.06
33.90	0.00	8,945	189.41	0.06
34.00	0.00	8,922	189.41	0.06
34.10	0.00	8,900	189.41	0.06
34.20	0.00	8,877	189.41	0.06
34.30	0.00	8,855	189.41	0.06
34.40	0.00	8,833	189.41	0.06
34.50	0.00	8,810	189.41	0.06
34.60	0.00	8,788	189.40	0.06
34.70	0.00	8,766	189.40	0.06
34.80	0.00	8,744	189.40	0.06
34.90	0.00	8,722	189.40	0.06
35.00	0.00	8,700	189.40	0.06
35.10	0.00	8,678	189.40	0.06
35.20	0.00	8,657	189.40	0.06
35.30	0.00	8,635	189.40	0.06
35.40	0.00	8,614	189.40	0.06
35.50	0.00	8,592	189.40	0.06
35.60	0.00	8,571	189.39	0.06
35.70	0.00	8,549	189.39	0.06
35.80	0.00	8,528	189.39	0.06
35.90	0.00	8,507	189.39	0.06
36.00	0.00	8,486	189.39	0.06
36.10	0.00	8,465	189.39	0.06
36.20	0.00	8,444	189.39	0.06
36.30	0.00	8,423	189.39	0.06

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,402	189.39	0.06
36.50	0.00	8,382	189.39	0.06
36.60	0.00	8,361	189.39	0.06
36.70	0.00	8,340	189.38	0.06
36.80	0.00	8,320	189.38	0.06
36.90	0.00	8,300	189.38	0.06
37.00	0.00	8,279	189.38	0.06
37.10	0.00	8,259	189.38	0.06
37.20	0.00	8,239	189.38	0.06
37.30	0.00	8,219	189.38	0.06
37.40	0.00	8,199	189.38	0.06
37.50	0.00	8,179	189.38	0.06
37.60	0.00	8,159	189.38	0.06
37.70	0.00	8,139	189.38	0.05
37.80	0.00	8,120	189.37	0.05
37.90	0.00	8,100	189.37	0.05
38.00	0.00	8,081	189.37	0.05
38.10	0.00	8,061	189.37	0.05
38.20	0.00	8,042	189.37	0.05
38.30	0.00	8,022	189.37	0.05
38.40	0.00	8,003	189.37	0.05
38.50	0.00	7,984	189.37	0.05
38.60	0.00	7,965	189.37	0.05
38.70	0.00	7,946	189.37	0.05
38.80	0.00	7,927	189.37	0.05
38.90	0.00	7,908	189.36	0.05
39.00	0.00	7,889	189.36	0.05
39.10	0.00	7,870	189.36	0.05
39.20	0.00	7,852	189.36	0.05
39.30	0.00	7,833	189.36	0.05
39.40	0.00	7,815	189.36	0.05
39.50	0.00	7,796	189.36	0.05
39.60	0.00	7,778	189.36	0.05
39.70	0.00	7,759	189.36	0.05
39.80	0.00	7,741	189.36	0.05
39.90	0.00	7,723	189.36	0.05
40.00	0.00	7,705	189.36	0.05

Stage-Discharge for Pond B-47: Basin #47

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.00	0.00	189.52	0.08	190.04	4.92	190.56	13.82
189.01	0.00	189.53	0.10	190.05	5.06	190.57	14.26
189.02	0.00	189.54	0.12	190.06	5.20	190.58	14.74
189.03	0.00	189.55	0.16	190.07	5.34	190.59	15.25
189.04	0.00	189.56	0.19	190.08	5.48	190.60	15.79
189.05	0.00	189.57	0.24	190.09	5.62	190.61	16.37
189.06	0.00	189.58	0.28	190.10	5.76	190.62	16.97
189.07	0.00	189.59	0.34	190.11	5.90	190.63	17.60
189.08	0.00	189.60	0.39	190.12	6.05	190.64	18.25
189.09	0.00	189.61	0.45	190.13	6.19	190.65	18.93
189.10	0.00	189.62	0.51	190.14	6.34	190.66	19.64
189.11	0.00	189.63	0.57	190.15	6.49	190.67	20.37
189.12	0.00	189.64	0.64	190.16	6.64	190.68	21.12
189.13	0.00	189.65	0.71	190.17	6.79	190.69	21.89
189.14	0.00	189.66	0.78	190.18	6.94	190.70	22.68
189.15	0.00	189.67	0.86	190.19	7.09	190.71	23.50
189.16	0.00	189.68	0.94	190.20	7.24	190.72	24.37
189.17	0.00	189.69	1.02	190.21	7.40	190.73	25.27
189.18	0.00	189.70	1.10	190.22	7.55	190.74	26.20
189.19	0.00	189.71	1.18	190.23	7.71	190.75	27.15
189.20	0.00	189.72	1.27	190.24	7.87	190.76	28.12
189.21	0.00	189.73	1.36	190.25	8.02	190.77	29.13
189.22	0.01	189.74	1.45	190.26	8.18	190.78	30.15
189.23	0.01	189.75	1.54	190.27	8.34	190.79	31.20
189.24	0.01	189.76	1.64	190.28	8.50	190.80	32.28
189.25	0.01	189.77	1.73	190.29	8.66	190.81	33.38
189.26	0.02	189.78	1.83	190.30	8.83	190.82	34.50
189.27	0.02	189.79	1.93	190.31	8.99	190.83	35.65
189.28	0.02	189.80	2.03	190.32	9.15	190.84	36.82
189.29	0.03	189.81	2.13	190.33	9.32	190.85	38.02
189.30	0.03	189.82	2.24	190.34	9.48	190.86	39.24
189.31	0.03	189.83	2.35	190.35	9.65	190.87	40.49
189.32	0.04	189.84	2.45	190.36	9.82	190.88	41.76
189.33	0.04	189.85	2.56	190.37	9.99	190.89	43.05
189.34	0.05	189.86	2.68	190.38	10.16	190.90	44.37
189.35	0.05	189.87	2.79	190.39	10.33	190.91	45.71
189.36	0.05	189.88	2.90	190.40	10.50	190.92	47.10
189.37	0.05	189.89	3.02	190.41	10.67	190.93	48.52
189.38	0.06	189.90	3.14	190.42	10.84	190.94	49.97
189.39	0.06	189.91	3.26	190.43	11.02	190.95	51.44
189.40	0.06	189.92	3.38	190.44	11.19	190.96	52.93
189.41	0.06	189.93	3.50	190.45	11.36	190.97	54.46
189.42	0.06	189.94	3.62	190.46	11.54	190.98	56.01
189.43	0.07	189.95	3.74	190.47	11.72	190.99	57.58
189.44	0.07	189.96	3.87	190.48	11.89	191.00	59.18
189.45	0.07	189.97	4.00	190.49	12.07	191.01	60.81
189.46	0.07	189.98	4.13	190.50	12.25	191.02	62.47
189.47	0.07	189.99	4.26	190.51	12.36	191.03	64.15
189.48	0.08	190.00	4.39	190.52	12.51	191.04	65.85
189.49	0.08	190.01	4.52	190.53	12.75	191.05	67.59
189.50	0.08	190.02	4.65	190.54	13.06	191.06	69.35
189.51	0.08	190.03	4.79	190.55	13.41	191.07	71.14

Stage-Discharge for Pond B-47: Basin #47 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.08	72.95	191.60	175.15
191.09	74.79	191.61	177.39
191.10	76.66	191.62	179.65
191.11	78.56	191.63	181.91
191.12	80.21	191.64	184.18
191.13	81.88	191.65	186.47
191.14	83.55	191.66	188.76
191.15	85.25	191.67	191.07
191.16	86.95	191.68	193.38
191.17	88.67	191.69	195.71
191.18	90.41	191.70	198.04
191.19	92.15	191.71	200.38
191.20	93.91	191.72	202.77
191.21	95.68	191.73	205.17
191.22	97.47	191.74	207.58
191.23	99.26	191.75	210.01
191.24	101.07	191.76	212.44
191.25	102.89	191.77	214.88
191.26	104.73	191.78	217.33
191.27	106.57	191.79	219.80
191.28	108.43	191.80	222.27
191.29	110.30	191.81	224.76
191.30	112.18	191.82	227.25
191.31	114.08	191.83	229.76
191.32	116.02	191.84	232.27
191.33	117.98	191.85	234.80
191.34	119.95	191.86	237.34
191.35	121.94	191.87	239.88
191.36	123.93	191.88	242.44
191.37	125.94	191.89	245.01
191.38	127.97	191.90	247.59
191.39	130.00	191.91	250.18
191.40	132.05	191.92	252.82
191.41	134.12	191.93	255.48
191.42	136.19	191.94	258.14
191.43	138.28	191.95	260.82
191.44	140.38	191.96	263.51
191.45	142.49	191.97	266.20
191.46	144.62	191.98	268.91
191.47	146.76	191.99	271.64
191.48	148.91	192.00	274.37
191.49	151.07		
191.50	153.25		
191.51	155.44		
191.52	157.59		
191.53	159.74		
191.54	161.91		
191.55	164.09		
191.56	166.28		
191.57	168.49		
191.58	170.70		
191.59	172.92		

Stage-Area-Storage for Pond B-47: Basin #47

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.00	21,318	0	189.52	22,324	11,347
189.01	21,337	213	189.53	22,343	11,570
189.02	21,357	427	189.54	22,362	11,794
189.03	21,376	640	189.55	22,382	12,017
189.04	21,395	854	189.56	22,401	12,241
189.05	21,415	1,068	189.57	22,420	12,465
189.06	21,434	1,283	189.58	22,440	12,690
189.07	21,453	1,497	189.59	22,459	12,914
189.08	21,473	1,712	189.60	22,478	13,139
189.09	21,492	1,926	189.61	22,498	13,364
189.10	21,511	2,141	189.62	22,517	13,589
189.11	21,531	2,357	189.63	22,536	13,814
189.12	21,550	2,572	189.64	22,556	14,040
189.13	21,569	2,788	189.65	22,575	14,265
189.14	21,589	3,003	189.66	22,594	14,491
189.15	21,608	3,219	189.67	22,614	14,717
189.16	21,627	3,436	189.68	22,633	14,943
189.17	21,647	3,652	189.69	22,652	15,170
189.18	21,666	3,869	189.70	22,672	15,396
189.19	21,685	4,085	189.71	22,691	15,623
189.20	21,705	4,302	189.72	22,710	15,850
189.21	21,724	4,519	189.73	22,730	16,077
189.22	21,743	4,737	189.74	22,749	16,305
189.23	21,763	4,954	189.75	22,769	16,532
189.24	21,782	5,172	189.76	22,788	16,760
189.25	21,802	5,390	189.77	22,807	16,988
189.26	21,821	5,608	189.78	22,827	17,216
189.27	21,840	5,826	189.79	22,846	17,445
189.28	21,860	6,045	189.80	22,865	17,673
189.29	21,879	6,264	189.81	22,885	17,902
189.30	21,898	6,482	189.82	22,904	18,131
189.31	21,918	6,702	189.83	22,923	18,360
189.32	21,937	6,921	189.84	22,943	18,589
189.33	21,956	7,140	189.85	22,962	18,819
189.34	21,976	7,360	189.86	22,981	19,049
189.35	21,995	7,580	189.87	23,001	19,279
189.36	22,014	7,800	189.88	23,020	19,509
189.37	22,034	8,020	189.89	23,039	19,739
189.38	22,053	8,240	189.90	23,059	19,969
189.39	22,072	8,461	189.91	23,078	20,200
189.40	22,092	8,682	189.92	23,097	20,431
189.41	22,111	8,903	189.93	23,117	20,662
189.42	22,130	9,124	189.94	23,136	20,893
189.43	22,150	9,346	189.95	23,155	21,125
189.44	22,169	9,567	189.96	23,175	21,356
189.45	22,188	9,789	189.97	23,194	21,588
189.46	22,208	10,011	189.98	23,213	21,820
189.47	22,227	10,233	189.99	23,233	22,053
189.48	22,246	10,455	190.00	23,252	22,285
189.49	22,266	10,678	190.01	23,272	22,518
189.50	22,285	10,901	190.02	23,292	22,750
189.51	22,304	11,124	190.03	23,312	22,983

Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.04	23,332	23,217	190.56	24,366	35,618
190.05	23,352	23,450	190.57	24,386	35,862
190.06	23,371	23,684	190.58	24,406	36,106
190.07	23,391	23,918	190.59	24,426	36,350
190.08	23,411	24,152	190.60	24,446	36,594
190.09	23,431	24,386	190.61	24,466	36,839
190.10	23,451	24,620	190.62	24,486	37,084
190.11	23,471	24,855	190.63	24,506	37,329
190.12	23,491	25,090	190.64	24,526	37,574
190.13	23,511	25,325	190.65	24,546	37,819
190.14	23,531	25,560	190.66	24,565	38,065
190.15	23,551	25,795	190.67	24,585	38,310
190.16	23,570	26,031	190.68	24,605	38,556
190.17	23,590	26,267	190.69	24,625	38,803
190.18	23,610	26,503	190.70	24,645	39,049
190.19	23,630	26,739	190.71	24,665	39,295
190.20	23,650	26,975	190.72	24,685	39,542
190.21	23,670	27,212	190.73	24,705	39,789
190.22	23,690	27,449	190.74	24,725	40,036
190.23	23,710	27,686	190.75	24,745	40,284
190.24	23,730	27,923	190.76	24,764	40,531
190.25	23,750	28,160	190.77	24,784	40,779
190.26	23,769	28,398	190.78	24,804	41,027
190.27	23,789	28,636	190.79	24,824	41,275
190.28	23,809	28,874	190.80	24,844	41,523
190.29	23,829	29,112	190.81	24,864	41,772
190.30	23,849	29,350	190.82	24,884	42,021
190.31	23,869	29,589	190.83	24,904	42,270
190.32	23,889	29,828	190.84	24,924	42,519
190.33	23,909	30,067	190.85	24,943	42,768
190.34	23,929	30,306	190.86	24,963	43,018
190.35	23,948	30,545	190.87	24,983	43,267
190.36	23,968	30,785	190.88	25,003	43,517
190.37	23,988	31,024	190.89	25,023	43,767
190.38	24,008	31,264	190.90	25,043	44,018
190.39	24,028	31,505	190.91	25,063	44,268
190.40	24,048	31,745	190.92	25,083	44,519
190.41	24,068	31,986	190.93	25,103	44,770
190.42	24,088	32,226	190.94	25,123	45,021
190.43	24,108	32,467	190.95	25,142	45,272
190.44	24,128	32,709	190.96	25,162	45,524
190.45	24,147	32,950	190.97	25,182	45,776
190.46	24,167	33,191	190.98	25,202	46,028
190.47	24,187	33,433	190.99	25,222	46,280
190.48	24,207	33,675	191.00	25,242	46,532
190.49	24,227	33,917	191.01	25,263	46,785
190.50	24,247	34,160	191.02	25,285	47,037
190.51	24,267	34,402	191.03	25,306	47,290
190.52	24,287	34,645	191.04	25,328	47,543
190.53	24,307	34,888	191.05	25,349	47,797
190.54	24,327	35,131	191.06	25,370	48,050
190.55	24,347	35,375	191.07	25,392	48,304

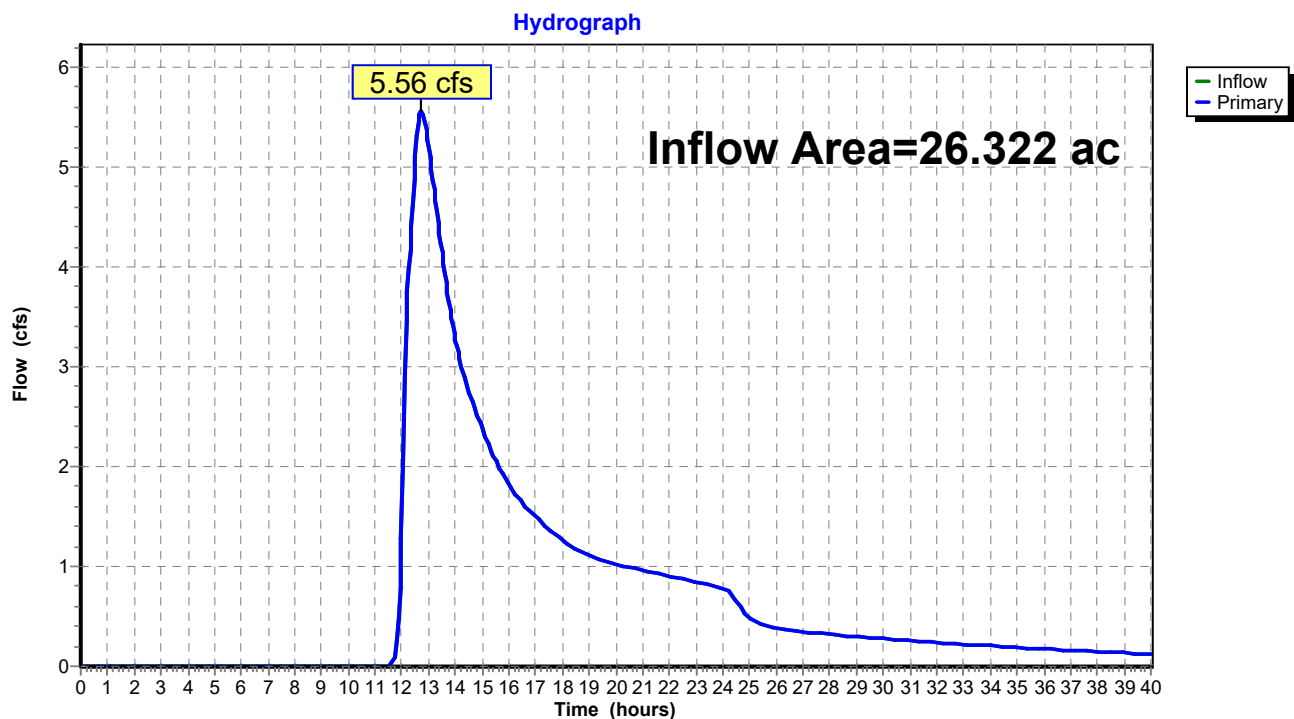
Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.08	25,413	48,558	191.60	26,526	62,062
191.09	25,435	48,812	191.61	26,547	62,328
191.10	25,456	49,067	191.62	26,569	62,593
191.11	25,477	49,322	191.63	26,590	62,859
191.12	25,499	49,576	191.64	26,612	63,125
191.13	25,520	49,832	191.65	26,633	63,391
191.14	25,542	50,087	191.66	26,654	63,658
191.15	25,563	50,342	191.67	26,676	63,924
191.16	25,584	50,598	191.68	26,697	64,191
191.17	25,606	50,854	191.69	26,719	64,458
191.18	25,627	51,110	191.70	26,740	64,726
191.19	25,649	51,367	191.71	26,761	64,993
191.20	25,670	51,623	191.72	26,783	65,261
191.21	25,691	51,880	191.73	26,804	65,529
191.22	25,713	52,137	191.74	26,826	65,797
191.23	25,734	52,394	191.75	26,847	66,065
191.24	25,756	52,652	191.76	26,868	66,334
191.25	25,777	52,909	191.77	26,890	66,603
191.26	25,798	53,167	191.78	26,911	66,872
191.27	25,820	53,425	191.79	26,933	67,141
191.28	25,841	53,684	191.80	26,954	67,410
191.29	25,863	53,942	191.81	26,975	67,680
191.30	25,884	54,201	191.82	26,997	67,950
191.31	25,905	54,460	191.83	27,018	68,220
191.32	25,927	54,719	191.84	27,040	68,490
191.33	25,948	54,978	191.85	27,061	68,761
191.34	25,970	55,238	191.86	27,082	69,031
191.35	25,991	55,498	191.87	27,104	69,302
191.36	26,012	55,758	191.88	27,125	69,574
191.37	26,034	56,018	191.89	27,147	69,845
191.38	26,055	56,278	191.90	27,168	70,117
191.39	26,077	56,539	191.91	27,189	70,388
191.40	26,098	56,800	191.92	27,211	70,660
191.41	26,119	57,061	191.93	27,232	70,933
191.42	26,141	57,322	191.94	27,254	71,205
191.43	26,162	57,584	191.95	27,275	71,478
191.44	26,184	57,846	191.96	27,296	71,750
191.45	26,205	58,108	191.97	27,318	72,024
191.46	26,226	58,370	191.98	27,339	72,297
191.47	26,248	58,632	191.99	27,361	72,570
191.48	26,269	58,895	192.00	27,382	72,844
191.49	26,291	59,157			
191.50	26,312	59,421			
191.51	26,333	59,684			
191.52	26,355	59,947			
191.53	26,376	60,211			
191.54	26,398	60,475			
191.55	26,419	60,739			
191.56	26,440	61,003			
191.57	26,462	61,268			
191.58	26,483	61,532			
191.59	26,505	61,797			

Summary for Link PDA-4: Proposed Drainage Area #4

Inflow Area = 26.322 ac, 21.46% Impervious, Inflow Depth > 1.01" for Future 2 yr event
Inflow = 5.56 cfs @ 12.72 hrs, Volume= 2.220 af
Primary = 5.56 cfs @ 12.72 hrs, Volume= 2.220 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-2

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-4: Proposed Drainage Area #4

Hydrograph for Link PDA-4: Proposed Drainage Area #4

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	5.19	0.00	5.19
10.45	0.00	0.00	0.00	13.05	5.08	0.00	5.08
10.50	0.00	0.00	0.00	13.10	4.97	0.00	4.97
10.55	0.00	0.00	0.00	13.15	4.87	0.00	4.87
10.60	0.00	0.00	0.00	13.20	4.77	0.00	4.77
10.65	0.00	0.00	0.00	13.25	4.66	0.00	4.66
10.70	0.00	0.00	0.00	13.30	4.55	0.00	4.55
10.75	0.00	0.00	0.00	13.35	4.44	0.00	4.44
10.80	0.00	0.00	0.00	13.40	4.34	0.00	4.34
10.85	0.00	0.00	0.00	13.45	4.23	0.00	4.23
10.90	0.00	0.00	0.00	13.50	4.13	0.00	4.13
10.95	0.00	0.00	0.00	13.55	4.03	0.00	4.03
11.00	0.00	0.00	0.00	13.60	3.93	0.00	3.93
11.05	0.00	0.00	0.00	13.65	3.84	0.00	3.84
11.10	0.00	0.00	0.00	13.70	3.74	0.00	3.74
11.15	0.00	0.00	0.00	13.75	3.66	0.00	3.66
11.20	0.00	0.00	0.00	13.80	3.57	0.00	3.57
11.25	0.00	0.00	0.00	13.85	3.49	0.00	3.49
11.30	0.00	0.00	0.00	13.90	3.41	0.00	3.41
11.35	0.00	0.00	0.00	13.95	3.34	0.00	3.34
11.40	0.00	0.00	0.00	14.00	3.27	0.00	3.27
11.45	0.00	0.00	0.00	14.05	3.21	0.00	3.21
11.50	0.00	0.00	0.00	14.10	3.14	0.00	3.14
11.55	0.00	0.00	0.00	14.15	3.08	0.00	3.08
11.60	0.00	0.00	0.00	14.20	3.03	0.00	3.03
11.65	0.00	0.00	0.00	14.25	2.98	0.00	2.98
11.70	0.01	0.00	0.01	14.30	2.93	0.00	2.93
11.75	0.05	0.00	0.05	14.35	2.88	0.00	2.88
11.80	0.13	0.00	0.13	14.40	2.84	0.00	2.84
11.85	0.27	0.00	0.27	14.45	2.79	0.00	2.79
11.90	0.47	0.00	0.47	14.50	2.75	0.00	2.75
11.95	0.79	0.00	0.79	14.55	2.71	0.00	2.71
12.00	1.27	0.00	1.27	14.60	2.68	0.00	2.68
12.05	2.03	0.00	2.03	14.65	2.64	0.00	2.64
12.10	2.92	0.00	2.92	14.70	2.60	0.00	2.60
12.15	3.46	0.00	3.46	14.75	2.56	0.00	2.56
12.20	3.76	0.00	3.76	14.80	2.53	0.00	2.53
12.25	3.97	0.00	3.97	14.85	2.49	0.00	2.49
12.30	4.18	0.00	4.18	14.90	2.45	0.00	2.45
12.35	4.40	0.00	4.40	14.95	2.42	0.00	2.42
12.40	4.63	0.00	4.63	15.00	2.38	0.00	2.38
12.45	4.87	0.00	4.87	15.05	2.35	0.00	2.35
12.50	5.11	0.00	5.11	15.10	2.31	0.00	2.31
12.55	5.32	0.00	5.32	15.15	2.28	0.00	2.28
12.60	5.45	0.00	5.45	15.20	2.24	0.00	2.24
12.65	5.53	0.00	5.53	15.25	2.21	0.00	2.21
12.70	5.56	0.00	5.56	15.30	2.18	0.00	2.18
12.75	5.56	0.00	5.56	15.35	2.15	0.00	2.15
12.80	5.51	0.00	5.51	15.40	2.12	0.00	2.12
12.85	5.45	0.00	5.45	15.45	2.09	0.00	2.09
12.90	5.37	0.00	5.37	15.50	2.06	0.00	2.06
12.95	5.28	0.00	5.28	15.55	2.03	0.00	2.03

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	2.00	0.00	2.00	18.20	1.23	0.00	1.23
15.65	1.97	0.00	1.97	18.25	1.22	0.00	1.22
15.70	1.95	0.00	1.95	18.30	1.21	0.00	1.21
15.75	1.92	0.00	1.92	18.35	1.20	0.00	1.20
15.80	1.90	0.00	1.90	18.40	1.19	0.00	1.19
15.85	1.87	0.00	1.87	18.45	1.19	0.00	1.19
15.90	1.85	0.00	1.85	18.50	1.18	0.00	1.18
15.95	1.83	0.00	1.83	18.55	1.17	0.00	1.17
16.00	1.81	0.00	1.81	18.60	1.16	0.00	1.16
16.05	1.79	0.00	1.79	18.65	1.16	0.00	1.16
16.10	1.77	0.00	1.77	18.70	1.15	0.00	1.15
16.15	1.75	0.00	1.75	18.75	1.14	0.00	1.14
16.20	1.74	0.00	1.74	18.80	1.14	0.00	1.14
16.25	1.72	0.00	1.72	18.85	1.13	0.00	1.13
16.30	1.70	0.00	1.70	18.90	1.12	0.00	1.12
16.35	1.69	0.00	1.69	18.95	1.12	0.00	1.12
16.40	1.67	0.00	1.67	19.00	1.11	0.00	1.11
16.45	1.66	0.00	1.66	19.05	1.11	0.00	1.11
16.50	1.64	0.00	1.64	19.10	1.10	0.00	1.10
16.55	1.63	0.00	1.63	19.15	1.10	0.00	1.10
16.60	1.61	0.00	1.61	19.20	1.09	0.00	1.09
16.65	1.60	0.00	1.60	19.25	1.09	0.00	1.09
16.70	1.58	0.00	1.58	19.30	1.08	0.00	1.08
16.75	1.57	0.00	1.57	19.35	1.08	0.00	1.08
16.80	1.55	0.00	1.55	19.40	1.07	0.00	1.07
16.85	1.54	0.00	1.54	19.45	1.07	0.00	1.07
16.90	1.53	0.00	1.53	19.50	1.06	0.00	1.06
16.95	1.51	0.00	1.51	19.55	1.06	0.00	1.06
17.00	1.50	0.00	1.50	19.60	1.06	0.00	1.06
17.05	1.49	0.00	1.49	19.65	1.05	0.00	1.05
17.10	1.47	0.00	1.47	19.70	1.05	0.00	1.05
17.15	1.46	0.00	1.46	19.75	1.04	0.00	1.04
17.20	1.45	0.00	1.45	19.80	1.04	0.00	1.04
17.25	1.44	0.00	1.44	19.85	1.04	0.00	1.04
17.30	1.42	0.00	1.42	19.90	1.03	0.00	1.03
17.35	1.41	0.00	1.41	19.95	1.03	0.00	1.03
17.40	1.40	0.00	1.40	20.00	1.02	0.00	1.02
17.45	1.39	0.00	1.39	20.05	1.02	0.00	1.02
17.50	1.38	0.00	1.38	20.10	1.02	0.00	1.02
17.55	1.36	0.00	1.36	20.15	1.01	0.00	1.01
17.60	1.35	0.00	1.35	20.20	1.01	0.00	1.01
17.65	1.34	0.00	1.34	20.25	1.01	0.00	1.01
17.70	1.33	0.00	1.33	20.30	1.00	0.00	1.00
17.75	1.32	0.00	1.32	20.35	1.00	0.00	1.00
17.80	1.31	0.00	1.31	20.40	1.00	0.00	1.00
17.85	1.30	0.00	1.30	20.45	0.99	0.00	0.99
17.90	1.29	0.00	1.29	20.50	0.99	0.00	0.99
17.95	1.28	0.00	1.28	20.55	0.99	0.00	0.99
18.00	1.27	0.00	1.27	20.60	0.98	0.00	0.98
18.05	1.26	0.00	1.26	20.65	0.98	0.00	0.98
18.10	1.25	0.00	1.25	20.70	0.98	0.00	0.98
18.15	1.24	0.00	1.24	20.75	0.97	0.00	0.97

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.97	0.00	0.97	23.40	0.82	0.00	0.82
20.85	0.97	0.00	0.97	23.45	0.82	0.00	0.82
20.90	0.97	0.00	0.97	23.50	0.81	0.00	0.81
20.95	0.96	0.00	0.96	23.55	0.81	0.00	0.81
21.00	0.96	0.00	0.96	23.60	0.81	0.00	0.81
21.05	0.96	0.00	0.96	23.65	0.80	0.00	0.80
21.10	0.95	0.00	0.95	23.70	0.80	0.00	0.80
21.15	0.95	0.00	0.95	23.75	0.80	0.00	0.80
21.20	0.95	0.00	0.95	23.80	0.80	0.00	0.80
21.25	0.94	0.00	0.94	23.85	0.79	0.00	0.79
21.30	0.94	0.00	0.94	23.90	0.79	0.00	0.79
21.35	0.94	0.00	0.94	23.95	0.79	0.00	0.79
21.40	0.94	0.00	0.94	24.00	0.79	0.00	0.79
21.45	0.93	0.00	0.93	24.05	0.78	0.00	0.78
21.50	0.93	0.00	0.93	24.10	0.78	0.00	0.78
21.55	0.93	0.00	0.93	24.15	0.77	0.00	0.77
21.60	0.92	0.00	0.92	24.20	0.76	0.00	0.76
21.65	0.92	0.00	0.92	24.25	0.75	0.00	0.75
21.70	0.92	0.00	0.92	24.30	0.73	0.00	0.73
21.75	0.91	0.00	0.91	24.35	0.72	0.00	0.72
21.80	0.91	0.00	0.91	24.40	0.70	0.00	0.70
21.85	0.91	0.00	0.91	24.45	0.68	0.00	0.68
21.90	0.91	0.00	0.91	24.50	0.66	0.00	0.66
21.95	0.90	0.00	0.90	24.55	0.64	0.00	0.64
22.00	0.90	0.00	0.90	24.60	0.62	0.00	0.62
22.05	0.90	0.00	0.90	24.65	0.60	0.00	0.60
22.10	0.89	0.00	0.89	24.70	0.58	0.00	0.58
22.15	0.89	0.00	0.89	24.75	0.56	0.00	0.56
22.20	0.89	0.00	0.89	24.80	0.54	0.00	0.54
22.25	0.89	0.00	0.89	24.85	0.52	0.00	0.52
22.30	0.88	0.00	0.88	24.90	0.51	0.00	0.51
22.35	0.88	0.00	0.88	24.95	0.50	0.00	0.50
22.40	0.88	0.00	0.88	25.00	0.48	0.00	0.48
22.45	0.87	0.00	0.87	25.05	0.47	0.00	0.47
22.50	0.87	0.00	0.87	25.10	0.46	0.00	0.46
22.55	0.87	0.00	0.87	25.15	0.46	0.00	0.46
22.60	0.86	0.00	0.86	25.20	0.45	0.00	0.45
22.65	0.86	0.00	0.86	25.25	0.44	0.00	0.44
22.70	0.86	0.00	0.86	25.30	0.44	0.00	0.44
22.75	0.86	0.00	0.86	25.35	0.43	0.00	0.43
22.80	0.85	0.00	0.85	25.40	0.43	0.00	0.43
22.85	0.85	0.00	0.85	25.45	0.42	0.00	0.42
22.90	0.85	0.00	0.85	25.50	0.42	0.00	0.42
22.95	0.84	0.00	0.84	25.55	0.41	0.00	0.41
23.00	0.84	0.00	0.84	25.60	0.41	0.00	0.41
23.05	0.84	0.00	0.84	25.65	0.40	0.00	0.40
23.10	0.83	0.00	0.83	25.70	0.40	0.00	0.40
23.15	0.83	0.00	0.83	25.75	0.40	0.00	0.40
23.20	0.83	0.00	0.83	25.80	0.39	0.00	0.39
23.25	0.83	0.00	0.83	25.85	0.39	0.00	0.39
23.30	0.82	0.00	0.82	25.90	0.39	0.00	0.39
23.35	0.82	0.00	0.82	25.95	0.38	0.00	0.38

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.38	0.00	0.38	28.60	0.30	0.00	0.30
26.05	0.38	0.00	0.38	28.65	0.30	0.00	0.30
26.10	0.38	0.00	0.38	28.70	0.30	0.00	0.30
26.15	0.37	0.00	0.37	28.75	0.30	0.00	0.30
26.20	0.37	0.00	0.37	28.80	0.30	0.00	0.30
26.25	0.37	0.00	0.37	28.85	0.30	0.00	0.30
26.30	0.37	0.00	0.37	28.90	0.30	0.00	0.30
26.35	0.37	0.00	0.37	28.95	0.30	0.00	0.30
26.40	0.36	0.00	0.36	29.00	0.29	0.00	0.29
26.45	0.36	0.00	0.36	29.05	0.29	0.00	0.29
26.50	0.36	0.00	0.36	29.10	0.29	0.00	0.29
26.55	0.36	0.00	0.36	29.15	0.29	0.00	0.29
26.60	0.36	0.00	0.36	29.20	0.29	0.00	0.29
26.65	0.36	0.00	0.36	29.25	0.29	0.00	0.29
26.70	0.35	0.00	0.35	29.30	0.29	0.00	0.29
26.75	0.35	0.00	0.35	29.35	0.29	0.00	0.29
26.80	0.35	0.00	0.35	29.40	0.29	0.00	0.29
26.85	0.35	0.00	0.35	29.45	0.28	0.00	0.28
26.90	0.35	0.00	0.35	29.50	0.28	0.00	0.28
26.95	0.35	0.00	0.35	29.55	0.28	0.00	0.28
27.00	0.34	0.00	0.34	29.60	0.28	0.00	0.28
27.05	0.34	0.00	0.34	29.65	0.28	0.00	0.28
27.10	0.34	0.00	0.34	29.70	0.28	0.00	0.28
27.15	0.34	0.00	0.34	29.75	0.28	0.00	0.28
27.20	0.34	0.00	0.34	29.80	0.28	0.00	0.28
27.25	0.34	0.00	0.34	29.85	0.28	0.00	0.28
27.30	0.34	0.00	0.34	29.90	0.28	0.00	0.28
27.35	0.33	0.00	0.33	29.95	0.27	0.00	0.27
27.40	0.33	0.00	0.33	30.00	0.27	0.00	0.27
27.45	0.33	0.00	0.33	30.05	0.27	0.00	0.27
27.50	0.33	0.00	0.33	30.10	0.27	0.00	0.27
27.55	0.33	0.00	0.33	30.15	0.27	0.00	0.27
27.60	0.33	0.00	0.33	30.20	0.27	0.00	0.27
27.65	0.33	0.00	0.33	30.25	0.27	0.00	0.27
27.70	0.33	0.00	0.33	30.30	0.27	0.00	0.27
27.75	0.32	0.00	0.32	30.35	0.27	0.00	0.27
27.80	0.32	0.00	0.32	30.40	0.27	0.00	0.27
27.85	0.32	0.00	0.32	30.45	0.26	0.00	0.26
27.90	0.32	0.00	0.32	30.50	0.26	0.00	0.26
27.95	0.32	0.00	0.32	30.55	0.26	0.00	0.26
28.00	0.32	0.00	0.32	30.60	0.26	0.00	0.26
28.05	0.32	0.00	0.32	30.65	0.26	0.00	0.26
28.10	0.32	0.00	0.32	30.70	0.26	0.00	0.26
28.15	0.31	0.00	0.31	30.75	0.26	0.00	0.26
28.20	0.31	0.00	0.31	30.80	0.26	0.00	0.26
28.25	0.31	0.00	0.31	30.85	0.26	0.00	0.26
28.30	0.31	0.00	0.31	30.90	0.26	0.00	0.26
28.35	0.31	0.00	0.31	30.95	0.26	0.00	0.26
28.40	0.31	0.00	0.31	31.00	0.25	0.00	0.25
28.45	0.31	0.00	0.31	31.05	0.25	0.00	0.25
28.50	0.31	0.00	0.31	31.10	0.25	0.00	0.25
28.55	0.30	0.00	0.30	31.15	0.25	0.00	0.25

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.25	0.00	0.25	33.80	0.21	0.00	0.21
31.25	0.25	0.00	0.25	33.85	0.20	0.00	0.20
31.30	0.25	0.00	0.25	33.90	0.20	0.00	0.20
31.35	0.25	0.00	0.25	33.95	0.20	0.00	0.20
31.40	0.25	0.00	0.25	34.00	0.20	0.00	0.20
31.45	0.25	0.00	0.25	34.05	0.20	0.00	0.20
31.50	0.25	0.00	0.25	34.10	0.20	0.00	0.20
31.55	0.24	0.00	0.24	34.15	0.20	0.00	0.20
31.60	0.24	0.00	0.24	34.20	0.20	0.00	0.20
31.65	0.24	0.00	0.24	34.25	0.20	0.00	0.20
31.70	0.24	0.00	0.24	34.30	0.20	0.00	0.20
31.75	0.24	0.00	0.24	34.35	0.20	0.00	0.20
31.80	0.24	0.00	0.24	34.40	0.20	0.00	0.20
31.85	0.24	0.00	0.24	34.45	0.20	0.00	0.20
31.90	0.24	0.00	0.24	34.50	0.19	0.00	0.19
31.95	0.24	0.00	0.24	34.55	0.19	0.00	0.19
32.00	0.24	0.00	0.24	34.60	0.19	0.00	0.19
32.05	0.24	0.00	0.24	34.65	0.19	0.00	0.19
32.10	0.23	0.00	0.23	34.70	0.19	0.00	0.19
32.15	0.23	0.00	0.23	34.75	0.19	0.00	0.19
32.20	0.23	0.00	0.23	34.80	0.19	0.00	0.19
32.25	0.23	0.00	0.23	34.85	0.19	0.00	0.19
32.30	0.23	0.00	0.23	34.90	0.19	0.00	0.19
32.35	0.23	0.00	0.23	34.95	0.19	0.00	0.19
32.40	0.23	0.00	0.23	35.00	0.19	0.00	0.19
32.45	0.23	0.00	0.23	35.05	0.19	0.00	0.19
32.50	0.23	0.00	0.23	35.10	0.19	0.00	0.19
32.55	0.23	0.00	0.23	35.15	0.19	0.00	0.19
32.60	0.23	0.00	0.23	35.20	0.18	0.00	0.18
32.65	0.22	0.00	0.22	35.25	0.18	0.00	0.18
32.70	0.22	0.00	0.22	35.30	0.18	0.00	0.18
32.75	0.22	0.00	0.22	35.35	0.18	0.00	0.18
32.80	0.22	0.00	0.22	35.40	0.18	0.00	0.18
32.85	0.22	0.00	0.22	35.45	0.18	0.00	0.18
32.90	0.22	0.00	0.22	35.50	0.18	0.00	0.18
32.95	0.22	0.00	0.22	35.55	0.18	0.00	0.18
33.00	0.22	0.00	0.22	35.60	0.18	0.00	0.18
33.05	0.22	0.00	0.22	35.65	0.18	0.00	0.18
33.10	0.22	0.00	0.22	35.70	0.18	0.00	0.18
33.15	0.22	0.00	0.22	35.75	0.18	0.00	0.18
33.20	0.22	0.00	0.22	35.80	0.18	0.00	0.18
33.25	0.21	0.00	0.21	35.85	0.18	0.00	0.18
33.30	0.21	0.00	0.21	35.90	0.17	0.00	0.17
33.35	0.21	0.00	0.21	35.95	0.17	0.00	0.17
33.40	0.21	0.00	0.21	36.00	0.17	0.00	0.17
33.45	0.21	0.00	0.21	36.05	0.17	0.00	0.17
33.50	0.21	0.00	0.21	36.10	0.17	0.00	0.17
33.55	0.21	0.00	0.21	36.15	0.17	0.00	0.17
33.60	0.21	0.00	0.21	36.20	0.17	0.00	0.17
33.65	0.21	0.00	0.21	36.25	0.17	0.00	0.17
33.70	0.21	0.00	0.21	36.30	0.17	0.00	0.17
33.75	0.21	0.00	0.21	36.35	0.17	0.00	0.17

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.17	0.00	0.17	39.00	0.14	0.00	0.14
36.45	0.17	0.00	0.17	39.05	0.14	0.00	0.14
36.50	0.17	0.00	0.17	39.10	0.13	0.00	0.13
36.55	0.17	0.00	0.17	39.15	0.13	0.00	0.13
36.60	0.17	0.00	0.17	39.20	0.13	0.00	0.13
36.65	0.16	0.00	0.16	39.25	0.13	0.00	0.13
36.70	0.16	0.00	0.16	39.30	0.13	0.00	0.13
36.75	0.16	0.00	0.16	39.35	0.13	0.00	0.13
36.80	0.16	0.00	0.16	39.40	0.13	0.00	0.13
36.85	0.16	0.00	0.16	39.45	0.13	0.00	0.13
36.90	0.16	0.00	0.16	39.50	0.13	0.00	0.13
36.95	0.16	0.00	0.16	39.55	0.13	0.00	0.13
37.00	0.16	0.00	0.16	39.60	0.13	0.00	0.13
37.05	0.16	0.00	0.16	39.65	0.13	0.00	0.13
37.10	0.16	0.00	0.16	39.70	0.13	0.00	0.13
37.15	0.16	0.00	0.16	39.75	0.13	0.00	0.13
37.20	0.16	0.00	0.16	39.80	0.13	0.00	0.13
37.25	0.16	0.00	0.16	39.85	0.13	0.00	0.13
37.30	0.16	0.00	0.16	39.90	0.13	0.00	0.13
37.35	0.16	0.00	0.16	39.95	0.13	0.00	0.13
37.40	0.15	0.00	0.15	40.00	0.12	0.00	0.12
37.45	0.15	0.00	0.15				
37.50	0.15	0.00	0.15				
37.55	0.15	0.00	0.15				
37.60	0.15	0.00	0.15				
37.65	0.15	0.00	0.15				
37.70	0.15	0.00	0.15				
37.75	0.15	0.00	0.15				
37.80	0.15	0.00	0.15				
37.85	0.15	0.00	0.15				
37.90	0.15	0.00	0.15				
37.95	0.15	0.00	0.15				
38.00	0.15	0.00	0.15				
38.05	0.15	0.00	0.15				
38.10	0.15	0.00	0.15				
38.15	0.15	0.00	0.15				
38.20	0.15	0.00	0.15				
38.25	0.14	0.00	0.14				
38.30	0.14	0.00	0.14				
38.35	0.14	0.00	0.14				
38.40	0.14	0.00	0.14				
38.45	0.14	0.00	0.14				
38.50	0.14	0.00	0.14				
38.55	0.14	0.00	0.14				
38.60	0.14	0.00	0.14				
38.65	0.14	0.00	0.14				
38.70	0.14	0.00	0.14				
38.75	0.14	0.00	0.14				
38.80	0.14	0.00	0.14				
38.85	0.14	0.00	0.14				
38.90	0.14	0.00	0.14				
38.95	0.14	0.00	0.14				

Summary for Subcatchment 41I: PDA-41 (impervious)

Runoff = 4.43 cfs @ 12.10 hrs, Volume= 0.319 af, Depth= 5.57"
 Routed to Pond B-41 : Basin #41

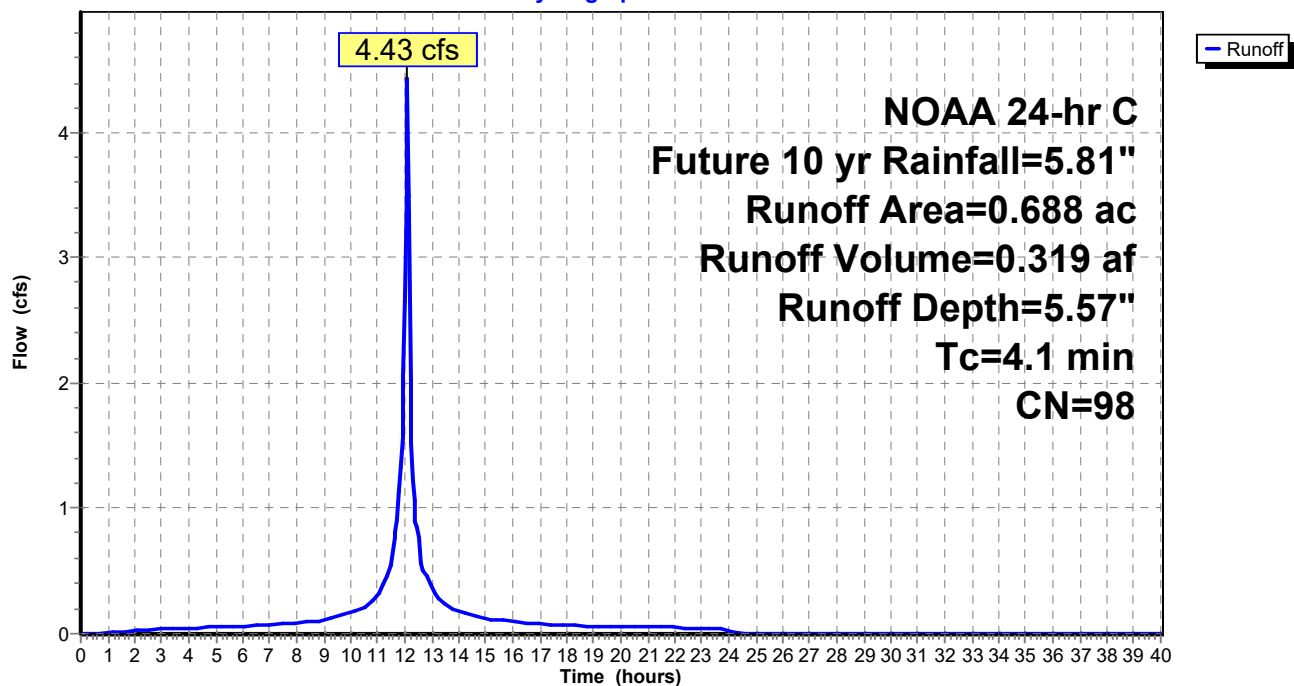
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.136	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.038	98	Concrete, HSC C
0.688	98	Weighted Average
0.688		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 41I: PDA-41 (impervious)

Hydrograph



Hydrograph for Subcatchment 41I: PDA-41 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.03
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.03
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.03
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.03
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.03
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.04
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.04
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.04
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.04
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.04
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.04
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.04
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.04
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.04
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.04
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.04
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.04
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.04
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.04
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.04
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.04
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.04
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.04
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.04
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.04
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.04
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.04
1.40	0.09	0.01	0.02	4.00	0.28	0.13	0.04
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.05
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.05
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.05
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.05
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.05
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.05
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.05
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.05
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.05
1.90	0.12	0.02	0.02	4.50	0.33	0.17	0.05
1.95	0.13	0.03	0.02	4.55	0.33	0.17	0.05
2.00	0.13	0.03	0.02	4.60	0.33	0.17	0.05
2.05	0.13	0.03	0.03	4.65	0.34	0.18	0.05
2.10	0.14	0.03	0.03	4.70	0.34	0.18	0.05
2.15	0.14	0.03	0.03	4.75	0.35	0.18	0.05
2.20	0.15	0.04	0.03	4.80	0.35	0.19	0.05
2.25	0.15	0.04	0.03	4.85	0.36	0.19	0.05
2.30	0.15	0.04	0.03	4.90	0.36	0.20	0.05
2.35	0.16	0.04	0.03	4.95	0.37	0.20	0.05
2.40	0.16	0.04	0.03	5.00	0.37	0.20	0.05
2.45	0.16	0.05	0.03	5.05	0.37	0.21	0.05
2.50	0.17	0.05	0.03	5.10	0.38	0.21	0.05
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.05

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.05	7.80	0.67	0.47	0.09
5.25	0.39	0.22	0.05	7.85	0.68	0.48	0.09
5.30	0.40	0.23	0.05	7.90	0.68	0.49	0.09
5.35	0.40	0.23	0.05	7.95	0.69	0.49	0.09
5.40	0.41	0.23	0.05	8.00	0.70	0.50	0.09
5.45	0.41	0.24	0.05	8.05	0.70	0.51	0.09
5.50	0.41	0.24	0.05	8.10	0.71	0.51	0.09
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.09
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.09
5.65	0.43	0.25	0.06	8.25	0.73	0.53	0.10
5.70	0.43	0.26	0.06	8.30	0.74	0.54	0.10
5.75	0.44	0.26	0.06	8.35	0.75	0.55	0.10
5.80	0.44	0.27	0.06	8.40	0.75	0.55	0.10
5.85	0.45	0.27	0.06	8.45	0.76	0.56	0.10
5.90	0.45	0.27	0.06	8.50	0.77	0.57	0.10
5.95	0.46	0.28	0.06	8.55	0.78	0.58	0.10
6.00	0.46	0.28	0.06	8.60	0.78	0.58	0.10
6.05	0.47	0.29	0.06	8.65	0.79	0.59	0.10
6.10	0.47	0.29	0.06	8.70	0.80	0.60	0.10
6.15	0.47	0.30	0.06	8.75	0.81	0.61	0.10
6.20	0.48	0.30	0.06	8.80	0.82	0.61	0.10
6.25	0.48	0.30	0.06	8.85	0.82	0.62	0.11
6.30	0.49	0.31	0.06	8.90	0.83	0.63	0.11
6.35	0.50	0.31	0.06	8.95	0.84	0.64	0.11
6.40	0.50	0.32	0.06	9.00	0.85	0.64	0.11
6.45	0.51	0.32	0.07	9.05	0.86	0.65	0.11
6.50	0.51	0.33	0.07	9.10	0.87	0.66	0.11
6.55	0.52	0.33	0.07	9.15	0.87	0.67	0.12
6.60	0.52	0.34	0.07	9.20	0.88	0.68	0.12
6.65	0.53	0.34	0.07	9.25	0.89	0.69	0.12
6.70	0.53	0.35	0.07	9.30	0.90	0.70	0.13
6.75	0.54	0.35	0.07	9.35	0.91	0.71	0.13
6.80	0.54	0.36	0.07	9.40	0.92	0.72	0.13
6.85	0.55	0.36	0.07	9.45	0.93	0.73	0.13
6.90	0.56	0.37	0.07	9.50	0.94	0.74	0.14
6.95	0.56	0.37	0.07	9.55	0.95	0.75	0.14
7.00	0.57	0.38	0.07	9.60	0.96	0.76	0.14
7.05	0.57	0.38	0.08	9.65	0.98	0.77	0.15
7.10	0.58	0.39	0.08	9.70	0.99	0.78	0.15
7.15	0.58	0.40	0.08	9.75	1.00	0.79	0.15
7.20	0.59	0.40	0.08	9.80	1.01	0.80	0.16
7.25	0.60	0.41	0.08	9.85	1.02	0.81	0.16
7.30	0.60	0.41	0.08	9.90	1.03	0.82	0.16
7.35	0.61	0.42	0.08	9.95	1.05	0.84	0.16
7.40	0.62	0.42	0.08	10.00	1.06	0.85	0.17
7.45	0.62	0.43	0.08	10.05	1.07	0.86	0.17
7.50	0.63	0.44	0.08	10.10	1.09	0.87	0.17
7.55	0.64	0.44	0.08	10.15	1.10	0.89	0.18
7.60	0.64	0.45	0.08	10.20	1.11	0.90	0.18
7.65	0.65	0.45	0.09	10.25	1.13	0.91	0.18
7.70	0.65	0.46	0.09	10.30	1.14	0.93	0.19
7.75	0.66	0.47	0.09	10.35	1.15	0.94	0.19

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.19	13.00	4.42	4.18	0.37
10.45	1.18	0.97	0.20	13.05	4.44	4.20	0.35
10.50	1.20	0.98	0.20	13.10	4.46	4.23	0.32
10.55	1.21	1.00	0.21	13.15	4.48	4.25	0.31
10.60	1.23	1.02	0.22	13.20	4.50	4.27	0.30
10.65	1.25	1.03	0.23	13.25	4.52	4.29	0.29
10.70	1.27	1.05	0.24	13.30	4.54	4.31	0.28
10.75	1.29	1.07	0.25	13.35	4.56	4.33	0.26
10.80	1.31	1.09	0.26	13.40	4.58	4.34	0.25
10.85	1.33	1.11	0.28	13.45	4.60	4.36	0.24
10.90	1.35	1.13	0.29	13.50	4.61	4.38	0.23
10.95	1.37	1.15	0.30	13.55	4.63	4.39	0.22
11.00	1.39	1.18	0.31	13.60	4.64	4.41	0.21
11.05	1.42	1.20	0.33	13.65	4.66	4.42	0.20
11.10	1.45	1.23	0.35	13.70	4.67	4.43	0.20
11.15	1.48	1.26	0.37	13.75	4.68	4.45	0.20
11.20	1.51	1.29	0.39	13.80	4.70	4.46	0.19
11.25	1.54	1.32	0.42	13.85	4.71	4.48	0.19
11.30	1.57	1.35	0.44	13.90	4.72	4.49	0.19
11.35	1.61	1.38	0.46	13.95	4.74	4.50	0.18
11.40	1.64	1.42	0.48	14.00	4.75	4.51	0.18
11.45	1.68	1.46	0.50	14.05	4.76	4.53	0.18
11.50	1.72	1.49	0.52	14.10	4.78	4.54	0.17
11.55	1.78	1.55	0.63	14.15	4.79	4.55	0.17
11.60	1.83	1.61	0.77	14.20	4.80	4.56	0.17
11.65	1.90	1.67	0.82	14.25	4.81	4.57	0.17
11.70	1.96	1.73	0.84	14.30	4.82	4.59	0.16
11.75	2.04	1.82	0.97	14.35	4.83	4.60	0.16
11.80	2.13	1.90	1.13	14.40	4.85	4.61	0.16
11.85	2.25	2.02	1.33	14.45	4.86	4.62	0.15
11.90	2.36	2.13	1.57	14.50	4.87	4.63	0.15
11.95	2.57	2.34	2.06	14.55	4.88	4.64	0.15
12.00	2.77	2.54	2.66	14.60	4.89	4.65	0.14
12.05	3.11	2.88	3.49	14.65	4.90	4.66	0.14
12.10	3.45	3.21	4.43	14.70	4.91	4.67	0.14
12.15	3.56	3.33	3.50	14.75	4.92	4.68	0.13
12.20	3.68	3.45	2.01	14.80	4.93	4.69	0.13
12.25	3.77	3.53	1.52	14.85	4.94	4.70	0.13
12.30	3.85	3.62	1.24	14.90	4.94	4.71	0.13
12.35	3.91	3.68	1.06	14.95	4.95	4.72	0.12
12.40	3.98	3.74	0.90	15.00	4.96	4.72	0.12
12.45	4.03	3.80	0.85	15.05	4.97	4.73	0.12
12.50	4.09	3.86	0.82	15.10	4.98	4.74	0.11
12.55	4.13	3.90	0.71	15.15	4.99	4.75	0.11
12.60	4.17	3.93	0.56	15.20	4.99	4.76	0.11
12.65	4.20	3.97	0.52	15.25	5.00	4.76	0.11
12.70	4.24	4.00	0.50	15.30	5.01	4.77	0.11
12.75	4.27	4.04	0.48	15.35	5.02	4.78	0.11
12.80	4.30	4.07	0.45	15.40	5.03	4.79	0.11
12.85	4.33	4.10	0.43	15.45	5.03	4.80	0.11
12.90	4.36	4.13	0.41	15.50	5.04	4.80	0.11
12.95	4.39	4.15	0.39	15.55	5.05	4.81	0.11

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.11	18.20	5.37	5.13	0.06
15.65	5.06	4.83	0.10	18.25	5.37	5.14	0.06
15.70	5.07	4.83	0.10	18.30	5.38	5.14	0.06
15.75	5.08	4.84	0.10	18.35	5.38	5.14	0.06
15.80	5.09	4.85	0.10	18.40	5.39	5.15	0.06
15.85	5.09	4.86	0.10	18.45	5.39	5.15	0.06
15.90	5.10	4.86	0.10	18.50	5.40	5.16	0.06
15.95	5.11	4.87	0.10	18.55	5.40	5.16	0.06
16.00	5.11	4.88	0.10	18.60	5.40	5.17	0.06
16.05	5.12	4.88	0.10	18.65	5.41	5.17	0.06
16.10	5.13	4.89	0.10	18.70	5.41	5.18	0.06
16.15	5.13	4.90	0.10	18.75	5.42	5.18	0.06
16.20	5.14	4.90	0.10	18.80	5.42	5.19	0.06
16.25	5.15	4.91	0.09	18.85	5.43	5.19	0.06
16.30	5.16	4.92	0.09	18.90	5.43	5.19	0.06
16.35	5.16	4.92	0.09	18.95	5.44	5.20	0.06
16.40	5.17	4.93	0.09	19.00	5.44	5.20	0.06
16.45	5.17	4.94	0.09	19.05	5.44	5.21	0.06
16.50	5.18	4.94	0.09	19.10	5.45	5.21	0.06
16.55	5.19	4.95	0.09	19.15	5.45	5.22	0.06
16.60	5.19	4.96	0.09	19.20	5.46	5.22	0.06
16.65	5.20	4.96	0.09	19.25	5.46	5.22	0.06
16.70	5.21	4.97	0.09	19.30	5.47	5.23	0.06
16.75	5.21	4.98	0.09	19.35	5.47	5.23	0.06
16.80	5.22	4.98	0.09	19.40	5.48	5.24	0.06
16.85	5.23	4.99	0.08	19.45	5.48	5.24	0.06
16.90	5.23	4.99	0.08	19.50	5.48	5.25	0.06
16.95	5.24	5.00	0.08	19.55	5.49	5.25	0.06
17.00	5.24	5.01	0.08	19.60	5.49	5.25	0.06
17.05	5.25	5.01	0.08	19.65	5.50	5.26	0.06
17.10	5.25	5.02	0.08	19.70	5.50	5.26	0.06
17.15	5.26	5.02	0.08	19.75	5.50	5.27	0.06
17.20	5.27	5.03	0.08	19.80	5.51	5.27	0.06
17.25	5.27	5.03	0.08	19.85	5.51	5.28	0.06
17.30	5.28	5.04	0.08	19.90	5.52	5.28	0.06
17.35	5.28	5.05	0.08	19.95	5.52	5.28	0.06
17.40	5.29	5.05	0.08	20.00	5.53	5.29	0.06
17.45	5.29	5.06	0.08	20.05	5.53	5.29	0.06
17.50	5.30	5.06	0.07	20.10	5.53	5.30	0.06
17.55	5.30	5.07	0.07	20.15	5.54	5.30	0.06
17.60	5.31	5.07	0.07	20.20	5.54	5.30	0.06
17.65	5.31	5.08	0.07	20.25	5.55	5.31	0.06
17.70	5.32	5.08	0.07	20.30	5.55	5.31	0.06
17.75	5.33	5.09	0.07	20.35	5.55	5.32	0.06
17.80	5.33	5.09	0.07	20.40	5.56	5.32	0.06
17.85	5.34	5.10	0.07	20.45	5.56	5.32	0.06
17.90	5.34	5.10	0.07	20.50	5.57	5.33	0.06
17.95	5.34	5.11	0.07	20.55	5.57	5.33	0.06
18.00	5.35	5.11	0.07	20.60	5.57	5.34	0.06
18.05	5.35	5.12	0.07	20.65	5.58	5.34	0.05
18.10	5.36	5.12	0.07	20.70	5.58	5.34	0.05
18.15	5.36	5.13	0.06	20.75	5.59	5.35	0.05

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.05	23.40	5.77	5.53	0.04
20.85	5.59	5.36	0.05	23.45	5.78	5.54	0.04
20.90	5.60	5.36	0.05	23.50	5.78	5.54	0.04
20.95	5.60	5.36	0.05	23.55	5.78	5.54	0.04
21.00	5.61	5.37	0.05	23.60	5.78	5.55	0.04
21.05	5.61	5.37	0.05	23.65	5.79	5.55	0.04
21.10	5.61	5.37	0.05	23.70	5.79	5.55	0.04
21.15	5.62	5.38	0.05	23.75	5.79	5.56	0.04
21.20	5.62	5.38	0.05	23.80	5.80	5.56	0.04
21.25	5.62	5.39	0.05	23.85	5.80	5.56	0.04
21.30	5.63	5.39	0.05	23.90	5.80	5.56	0.04
21.35	5.63	5.39	0.05	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.05	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.05	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.05	24.10	5.81	5.57	0.01
21.55	5.65	5.41	0.05	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.05	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.05	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.05	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.05	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.05	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.05	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.05	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.05	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.05	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.05	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.05	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.05	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.05	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.05	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.05	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.05	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.05	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.05	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.05	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.05	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.05	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.05	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.05	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.05	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.04	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.04	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.04	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.04	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.04	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.04	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 41P: PDA-41 (pervious)

Runoff = 7.41 cfs @ 12.07 hrs, Volume= 0.424 af, Depth= 3.03"
 Routed to Pond B-41 : Basin #41

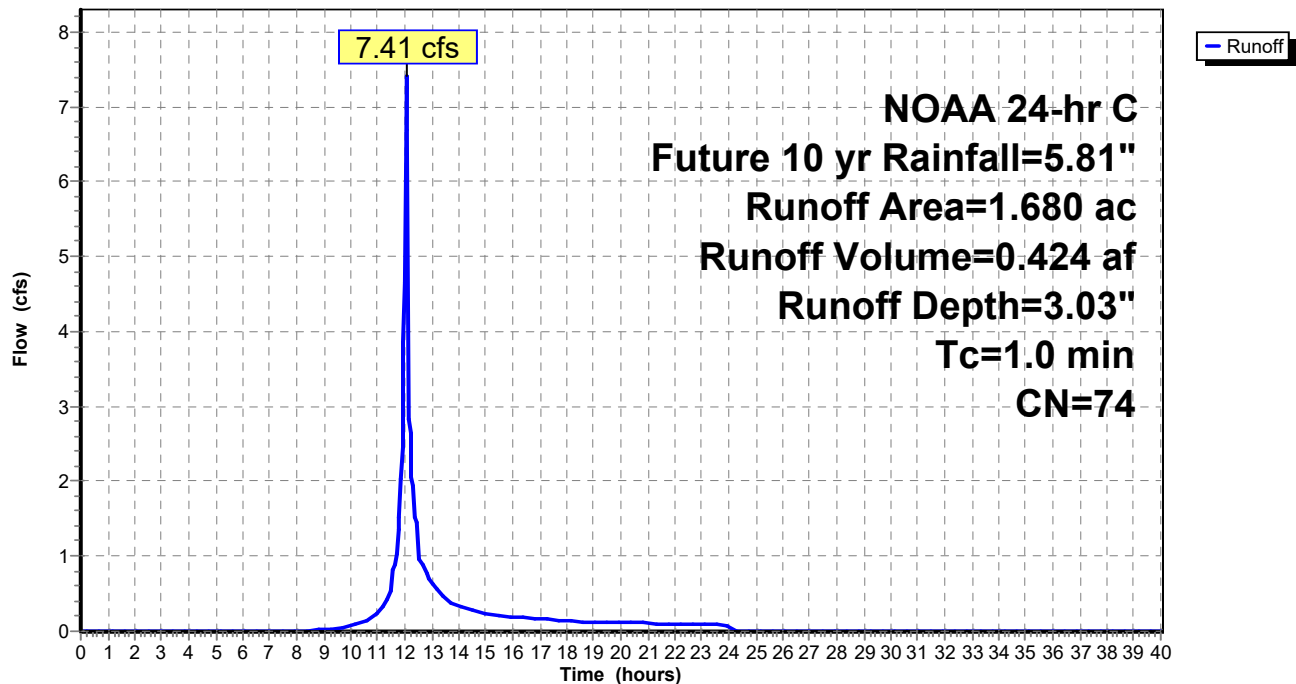
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.680	74	>75% Grass cover, Good, HSG C
1.680		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 41P: PDA-41 (pervious)

Hydrograph



Hydrograph for Subcatchment 41P: PDA-41 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.01
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.01
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.01
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.02
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.02
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.02
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.02
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.03
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.03
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.03
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.03
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.04
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.04
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.04
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.05
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.05
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.05
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.06
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.06
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.06
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.07
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.07
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.07
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.08
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.08
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.09
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.09
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.09
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.10
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.10

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.11	13.00	4.42	1.91	0.66
10.45	1.18	0.06	0.11	13.05	4.44	1.93	0.60
10.50	1.20	0.06	0.12	13.10	4.46	1.94	0.59
10.55	1.21	0.06	0.13	13.15	4.48	1.96	0.56
10.60	1.23	0.07	0.14	13.20	4.50	1.98	0.55
10.65	1.25	0.07	0.15	13.25	4.52	1.99	0.51
10.70	1.27	0.08	0.16	13.30	4.54	2.01	0.51
10.75	1.29	0.08	0.17	13.35	4.56	2.02	0.47
10.80	1.31	0.09	0.18	13.40	4.58	2.03	0.46
10.85	1.33	0.09	0.20	13.45	4.60	2.05	0.43
10.90	1.35	0.10	0.21	13.50	4.61	2.06	0.42
10.95	1.37	0.11	0.23	13.55	4.63	2.07	0.39
11.00	1.39	0.11	0.24	13.60	4.64	2.08	0.38
11.05	1.42	0.12	0.27	13.65	4.66	2.09	0.38
11.10	1.45	0.13	0.29	13.70	4.67	2.10	0.37
11.15	1.48	0.14	0.32	13.75	4.68	2.12	0.36
11.20	1.51	0.15	0.34	13.80	4.70	2.13	0.36
11.25	1.54	0.16	0.38	13.85	4.71	2.14	0.35
11.30	1.57	0.17	0.40	13.90	4.72	2.15	0.35
11.35	1.61	0.18	0.44	13.95	4.74	2.16	0.34
11.40	1.64	0.20	0.46	14.00	4.75	2.17	0.34
11.45	1.68	0.21	0.49	14.05	4.76	2.18	0.33
11.50	1.72	0.23	0.56	14.10	4.78	2.19	0.33
11.55	1.78	0.25	0.81	14.15	4.79	2.20	0.32
11.60	1.83	0.28	0.85	14.20	4.80	2.21	0.32
11.65	1.90	0.30	0.92	14.25	4.81	2.21	0.31
11.70	1.96	0.33	1.02	14.30	4.82	2.22	0.31
11.75	2.04	0.37	1.35	14.35	4.83	2.23	0.30
11.80	2.13	0.41	1.52	14.40	4.85	2.24	0.30
11.85	2.25	0.47	2.03	14.45	4.86	2.25	0.29
11.90	2.36	0.53	2.44	14.50	4.87	2.26	0.29
11.95	2.57	0.65	3.85	14.55	4.88	2.27	0.28
12.00	2.77	0.77	4.67	14.60	4.89	2.27	0.27
12.05	3.11	0.98	7.25	14.65	4.90	2.28	0.27
12.10	3.45	1.20	6.68	14.70	4.91	2.29	0.26
12.15	3.56	1.28	2.83	14.75	4.92	2.30	0.25
12.20	3.68	1.37	2.65	14.80	4.93	2.31	0.25
12.25	3.77	1.43	2.06	14.85	4.94	2.31	0.24
12.30	3.85	1.49	1.95	14.90	4.94	2.32	0.24
12.35	3.91	1.53	1.53	14.95	4.95	2.33	0.23
12.40	3.98	1.58	1.51	15.00	4.96	2.33	0.23
12.45	4.03	1.62	1.46	15.05	4.97	2.34	0.22
12.50	4.09	1.67	1.37	15.10	4.98	2.35	0.22
12.55	4.13	1.69	0.96	15.15	4.99	2.35	0.22
12.60	4.17	1.72	0.95	15.20	4.99	2.36	0.22
12.65	4.20	1.75	0.90	15.25	5.00	2.37	0.21
12.70	4.24	1.77	0.89	15.30	5.01	2.37	0.21
12.75	4.27	1.80	0.83	15.35	5.02	2.38	0.21
12.80	4.30	1.82	0.81	15.40	5.03	2.38	0.21
12.85	4.33	1.85	0.75	15.45	5.03	2.39	0.21
12.90	4.36	1.87	0.74	15.50	5.04	2.40	0.21
12.95	4.39	1.89	0.68	15.55	5.05	2.40	0.21

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.20	18.20	5.37	2.66	0.13
15.65	5.06	2.41	0.20	18.25	5.37	2.67	0.13
15.70	5.07	2.42	0.20	18.30	5.38	2.67	0.13
15.75	5.08	2.43	0.20	18.35	5.38	2.67	0.13
15.80	5.09	2.43	0.20	18.40	5.39	2.68	0.13
15.85	5.09	2.44	0.20	18.45	5.39	2.68	0.13
15.90	5.10	2.44	0.20	18.50	5.40	2.68	0.13
15.95	5.11	2.45	0.19	18.55	5.40	2.69	0.13
16.00	5.11	2.46	0.19	18.60	5.40	2.69	0.13
16.05	5.12	2.46	0.19	18.65	5.41	2.69	0.12
16.10	5.13	2.47	0.19	18.70	5.41	2.70	0.12
16.15	5.13	2.47	0.19	18.75	5.42	2.70	0.12
16.20	5.14	2.48	0.19	18.80	5.42	2.71	0.12
16.25	5.15	2.48	0.18	18.85	5.43	2.71	0.12
16.30	5.16	2.49	0.18	18.90	5.43	2.71	0.12
16.35	5.16	2.49	0.18	18.95	5.44	2.72	0.12
16.40	5.17	2.50	0.18	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.18	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.18	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.18	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.17	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.17	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.17	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.17	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.17	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.17	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.17	19.50	5.48	2.76	0.12
16.95	5.24	2.55	0.16	19.55	5.49	2.76	0.12
17.00	5.24	2.56	0.16	19.60	5.49	2.76	0.12
17.05	5.25	2.56	0.16	19.65	5.50	2.77	0.12
17.10	5.25	2.57	0.16	19.70	5.50	2.77	0.12
17.15	5.26	2.57	0.16	19.75	5.50	2.77	0.12
17.20	5.27	2.58	0.16	19.80	5.51	2.78	0.12
17.25	5.27	2.58	0.15	19.85	5.51	2.78	0.12
17.30	5.28	2.59	0.15	19.90	5.52	2.78	0.12
17.35	5.28	2.59	0.15	19.95	5.52	2.79	0.11
17.40	5.29	2.60	0.15	20.00	5.53	2.79	0.11
17.45	5.29	2.60	0.15	20.05	5.53	2.79	0.11
17.50	5.30	2.61	0.15	20.10	5.53	2.80	0.11
17.55	5.30	2.61	0.14	20.15	5.54	2.80	0.11
17.60	5.31	2.61	0.14	20.20	5.54	2.80	0.11
17.65	5.31	2.62	0.14	20.25	5.55	2.81	0.11
17.70	5.32	2.62	0.14	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.14	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.14	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.14	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.13	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.13	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.13	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.13	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.13	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.13	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.11	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.11	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.11	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.11	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.11	23.65	5.79	3.01	0.09
21.10	5.61	2.86	0.11	23.70	5.79	3.01	0.09
21.15	5.62	2.87	0.11	23.75	5.79	3.01	0.09
21.20	5.62	2.87	0.11	23.80	5.80	3.01	0.09
21.25	5.62	2.87	0.11	23.85	5.80	3.02	0.08
21.30	5.63	2.87	0.11	23.90	5.80	3.02	0.09
21.35	5.63	2.88	0.10	23.95	5.81	3.02	0.10
21.40	5.64	2.88	0.10	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.10	24.05	5.81	3.03	0.00
21.50	5.64	2.89	0.10	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.10	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.10	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.10	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.10	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.10	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.10	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.10	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.10	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.10	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.10	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.09	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.09	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.09	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.09	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.09	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 42I: PDA-42 (impervious)

Runoff = 2.03 cfs @ 12.07 hrs, Volume= 0.138 af, Depth= 5.57"
 Routed to Pond B-42 : Basin #42

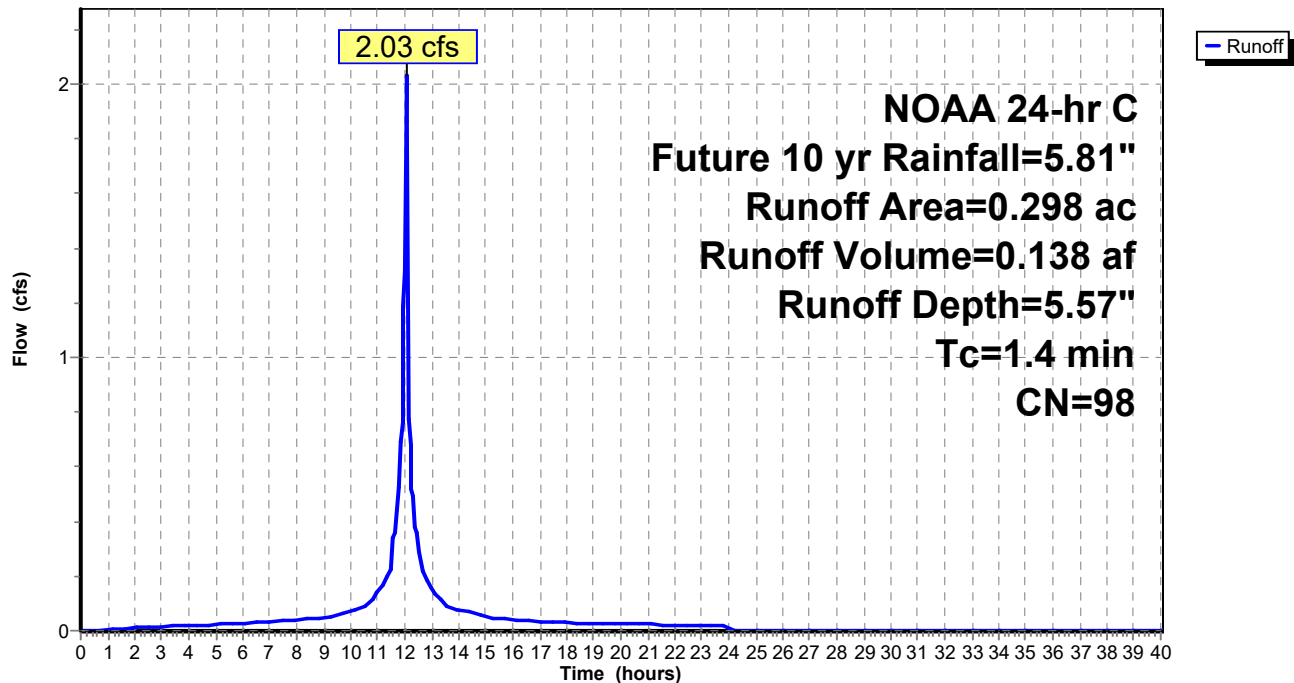
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.298	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.298	98	Weighted Average
0.298		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42I: PDA-42 (impervious)

Hydrograph



Hydrograph for Subcatchment 42I: PDA-42 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.01
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.01
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.01
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.01
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.02
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.02
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.02
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.02
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.02
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.02
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.02
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.02
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.02
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.02
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.02
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.02
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.02
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.02
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.02
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.02
1.00	0.06	0.00	0.00	3.60	0.25	0.11	0.02
1.05	0.07	0.00	0.00	3.65	0.26	0.11	0.02
1.10	0.07	0.00	0.00	3.70	0.26	0.11	0.02
1.15	0.07	0.00	0.00	3.75	0.26	0.12	0.02
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.02
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.02
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.02
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.02
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.02
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.02
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.02
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.02
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.02
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.02
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.02
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.02
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.02
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.02
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.02
1.95	0.13	0.03	0.01	4.55	0.33	0.17	0.02
2.00	0.13	0.03	0.01	4.60	0.33	0.17	0.02
2.05	0.13	0.03	0.01	4.65	0.34	0.18	0.02
2.10	0.14	0.03	0.01	4.70	0.34	0.18	0.02
2.15	0.14	0.03	0.01	4.75	0.35	0.18	0.02
2.20	0.15	0.04	0.01	4.80	0.35	0.19	0.02
2.25	0.15	0.04	0.01	4.85	0.36	0.19	0.02
2.30	0.15	0.04	0.01	4.90	0.36	0.20	0.02
2.35	0.16	0.04	0.01	4.95	0.37	0.20	0.02
2.40	0.16	0.04	0.01	5.00	0.37	0.20	0.02
2.45	0.16	0.05	0.01	5.05	0.37	0.21	0.02
2.50	0.17	0.05	0.01	5.10	0.38	0.21	0.02
2.55	0.17	0.05	0.01	5.15	0.38	0.21	0.02

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.02	7.80	0.67	0.47	0.04
5.25	0.39	0.22	0.02	7.85	0.68	0.48	0.04
5.30	0.40	0.23	0.02	7.90	0.68	0.49	0.04
5.35	0.40	0.23	0.02	7.95	0.69	0.49	0.04
5.40	0.41	0.23	0.02	8.00	0.70	0.50	0.04
5.45	0.41	0.24	0.02	8.05	0.70	0.51	0.04
5.50	0.41	0.24	0.02	8.10	0.71	0.51	0.04
5.55	0.42	0.25	0.02	8.15	0.72	0.52	0.04
5.60	0.42	0.25	0.02	8.20	0.72	0.53	0.04
5.65	0.43	0.25	0.02	8.25	0.73	0.53	0.04
5.70	0.43	0.26	0.02	8.30	0.74	0.54	0.04
5.75	0.44	0.26	0.02	8.35	0.75	0.55	0.04
5.80	0.44	0.27	0.02	8.40	0.75	0.55	0.04
5.85	0.45	0.27	0.02	8.45	0.76	0.56	0.04
5.90	0.45	0.27	0.02	8.50	0.77	0.57	0.04
5.95	0.46	0.28	0.03	8.55	0.78	0.58	0.04
6.00	0.46	0.28	0.03	8.60	0.78	0.58	0.04
6.05	0.47	0.29	0.03	8.65	0.79	0.59	0.04
6.10	0.47	0.29	0.03	8.70	0.80	0.60	0.04
6.15	0.47	0.30	0.03	8.75	0.81	0.61	0.05
6.20	0.48	0.30	0.03	8.80	0.82	0.61	0.05
6.25	0.48	0.30	0.03	8.85	0.82	0.62	0.05
6.30	0.49	0.31	0.03	8.90	0.83	0.63	0.05
6.35	0.50	0.31	0.03	8.95	0.84	0.64	0.05
6.40	0.50	0.32	0.03	9.00	0.85	0.64	0.05
6.45	0.51	0.32	0.03	9.05	0.86	0.65	0.05
6.50	0.51	0.33	0.03	9.10	0.87	0.66	0.05
6.55	0.52	0.33	0.03	9.15	0.87	0.67	0.05
6.60	0.52	0.34	0.03	9.20	0.88	0.68	0.05
6.65	0.53	0.34	0.03	9.25	0.89	0.69	0.05
6.70	0.53	0.35	0.03	9.30	0.90	0.70	0.06
6.75	0.54	0.35	0.03	9.35	0.91	0.71	0.06
6.80	0.54	0.36	0.03	9.40	0.92	0.72	0.06
6.85	0.55	0.36	0.03	9.45	0.93	0.73	0.06
6.90	0.56	0.37	0.03	9.50	0.94	0.74	0.06
6.95	0.56	0.37	0.03	9.55	0.95	0.75	0.06
7.00	0.57	0.38	0.03	9.60	0.96	0.76	0.06
7.05	0.57	0.38	0.03	9.65	0.98	0.77	0.06
7.10	0.58	0.39	0.03	9.70	0.99	0.78	0.07
7.15	0.58	0.40	0.03	9.75	1.00	0.79	0.07
7.20	0.59	0.40	0.03	9.80	1.01	0.80	0.07
7.25	0.60	0.41	0.03	9.85	1.02	0.81	0.07
7.30	0.60	0.41	0.03	9.90	1.03	0.82	0.07
7.35	0.61	0.42	0.04	9.95	1.05	0.84	0.07
7.40	0.62	0.42	0.04	10.00	1.06	0.85	0.07
7.45	0.62	0.43	0.04	10.05	1.07	0.86	0.08
7.50	0.63	0.44	0.04	10.10	1.09	0.87	0.08
7.55	0.64	0.44	0.04	10.15	1.10	0.89	0.08
7.60	0.64	0.45	0.04	10.20	1.11	0.90	0.08
7.65	0.65	0.45	0.04	10.25	1.13	0.91	0.08
7.70	0.65	0.46	0.04	10.30	1.14	0.93	0.08
7.75	0.66	0.47	0.04	10.35	1.15	0.94	0.08

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.08	13.00	4.42	4.18	0.15
10.45	1.18	0.97	0.09	13.05	4.44	4.20	0.14
10.50	1.20	0.98	0.09	13.10	4.46	4.23	0.14
10.55	1.21	1.00	0.10	13.15	4.48	4.25	0.13
10.60	1.23	1.02	0.10	13.20	4.50	4.27	0.13
10.65	1.25	1.03	0.11	13.25	4.52	4.29	0.12
10.70	1.27	1.05	0.11	13.30	4.54	4.31	0.12
10.75	1.29	1.07	0.12	13.35	4.56	4.33	0.11
10.80	1.31	1.09	0.12	13.40	4.58	4.34	0.11
10.85	1.33	1.11	0.13	13.45	4.60	4.36	0.10
10.90	1.35	1.13	0.13	13.50	4.61	4.38	0.10
10.95	1.37	1.15	0.14	13.55	4.63	4.39	0.09
11.00	1.39	1.18	0.14	13.60	4.64	4.41	0.09
11.05	1.42	1.20	0.15	13.65	4.66	4.42	0.09
11.10	1.45	1.23	0.16	13.70	4.67	4.43	0.09
11.15	1.48	1.26	0.17	13.75	4.68	4.45	0.08
11.20	1.51	1.29	0.18	13.80	4.70	4.46	0.08
11.25	1.54	1.32	0.19	13.85	4.71	4.48	0.08
11.30	1.57	1.35	0.19	13.90	4.72	4.49	0.08
11.35	1.61	1.38	0.21	13.95	4.74	4.50	0.08
11.40	1.64	1.42	0.21	14.00	4.75	4.51	0.08
11.45	1.68	1.46	0.22	14.05	4.76	4.53	0.08
11.50	1.72	1.49	0.24	14.10	4.78	4.54	0.07
11.55	1.78	1.55	0.34	14.15	4.79	4.55	0.07
11.60	1.83	1.61	0.35	14.20	4.80	4.56	0.07
11.65	1.90	1.67	0.37	14.25	4.81	4.57	0.07
11.70	1.96	1.73	0.38	14.30	4.82	4.59	0.07
11.75	2.04	1.82	0.50	14.35	4.83	4.60	0.07
11.80	2.13	1.90	0.53	14.40	4.85	4.61	0.07
11.85	2.25	2.02	0.69	14.45	4.86	4.62	0.06
11.90	2.36	2.13	0.76	14.50	4.87	4.63	0.06
11.95	2.57	2.34	1.19	14.55	4.88	4.64	0.06
12.00	2.77	2.54	1.31	14.60	4.89	4.65	0.06
12.05	3.11	2.88	1.98	14.65	4.90	4.66	0.06
12.10	3.45	3.21	1.87	14.70	4.91	4.67	0.06
12.15	3.56	3.33	0.78	14.75	4.92	4.68	0.06
12.20	3.68	3.45	0.68	14.80	4.93	4.69	0.06
12.25	3.77	3.53	0.52	14.85	4.94	4.70	0.05
12.30	3.85	3.62	0.49	14.90	4.94	4.71	0.05
12.35	3.91	3.68	0.38	14.95	4.95	4.72	0.05
12.40	3.98	3.74	0.37	15.00	4.96	4.72	0.05
12.45	4.03	3.80	0.35	15.05	4.97	4.73	0.05
12.50	4.09	3.86	0.34	15.10	4.98	4.74	0.05
12.55	4.13	3.90	0.23	15.15	4.99	4.75	0.05
12.60	4.17	3.93	0.23	15.20	4.99	4.76	0.05
12.65	4.20	3.97	0.21	15.25	5.00	4.76	0.05
12.70	4.24	4.00	0.21	15.30	5.01	4.77	0.05
12.75	4.27	4.04	0.20	15.35	5.02	4.78	0.05
12.80	4.30	4.07	0.19	15.40	5.03	4.79	0.05
12.85	4.33	4.10	0.18	15.45	5.03	4.80	0.05
12.90	4.36	4.13	0.17	15.50	5.04	4.80	0.05
12.95	4.39	4.15	0.16	15.55	5.05	4.81	0.05

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.05	18.20	5.37	5.13	0.03
15.65	5.06	4.83	0.04	18.25	5.37	5.14	0.03
15.70	5.07	4.83	0.04	18.30	5.38	5.14	0.03
15.75	5.08	4.84	0.04	18.35	5.38	5.14	0.03
15.80	5.09	4.85	0.04	18.40	5.39	5.15	0.03
15.85	5.09	4.86	0.04	18.45	5.39	5.15	0.03
15.90	5.10	4.86	0.04	18.50	5.40	5.16	0.03
15.95	5.11	4.87	0.04	18.55	5.40	5.16	0.03
16.00	5.11	4.88	0.04	18.60	5.40	5.17	0.03
16.05	5.12	4.88	0.04	18.65	5.41	5.17	0.03
16.10	5.13	4.89	0.04	18.70	5.41	5.18	0.03
16.15	5.13	4.90	0.04	18.75	5.42	5.18	0.03
16.20	5.14	4.90	0.04	18.80	5.42	5.19	0.03
16.25	5.15	4.91	0.04	18.85	5.43	5.19	0.03
16.30	5.16	4.92	0.04	18.90	5.43	5.19	0.03
16.35	5.16	4.92	0.04	18.95	5.44	5.20	0.03
16.40	5.17	4.93	0.04	19.00	5.44	5.20	0.03
16.45	5.17	4.94	0.04	19.05	5.44	5.21	0.03
16.50	5.18	4.94	0.04	19.10	5.45	5.21	0.03
16.55	5.19	4.95	0.04	19.15	5.45	5.22	0.03
16.60	5.19	4.96	0.04	19.20	5.46	5.22	0.03
16.65	5.20	4.96	0.04	19.25	5.46	5.22	0.03
16.70	5.21	4.97	0.04	19.30	5.47	5.23	0.03
16.75	5.21	4.98	0.04	19.35	5.47	5.23	0.03
16.80	5.22	4.98	0.04	19.40	5.48	5.24	0.03
16.85	5.23	4.99	0.04	19.45	5.48	5.24	0.03
16.90	5.23	4.99	0.04	19.50	5.48	5.25	0.03
16.95	5.24	5.00	0.04	19.55	5.49	5.25	0.03
17.00	5.24	5.01	0.04	19.60	5.49	5.25	0.03
17.05	5.25	5.01	0.04	19.65	5.50	5.26	0.03
17.10	5.25	5.02	0.03	19.70	5.50	5.26	0.03
17.15	5.26	5.02	0.03	19.75	5.50	5.27	0.03
17.20	5.27	5.03	0.03	19.80	5.51	5.27	0.03
17.25	5.27	5.03	0.03	19.85	5.51	5.28	0.02
17.30	5.28	5.04	0.03	19.90	5.52	5.28	0.02
17.35	5.28	5.05	0.03	19.95	5.52	5.28	0.02
17.40	5.29	5.05	0.03	20.00	5.53	5.29	0.02
17.45	5.29	5.06	0.03	20.05	5.53	5.29	0.02
17.50	5.30	5.06	0.03	20.10	5.53	5.30	0.02
17.55	5.30	5.07	0.03	20.15	5.54	5.30	0.02
17.60	5.31	5.07	0.03	20.20	5.54	5.30	0.02
17.65	5.31	5.08	0.03	20.25	5.55	5.31	0.02
17.70	5.32	5.08	0.03	20.30	5.55	5.31	0.02
17.75	5.33	5.09	0.03	20.35	5.55	5.32	0.02
17.80	5.33	5.09	0.03	20.40	5.56	5.32	0.02
17.85	5.34	5.10	0.03	20.45	5.56	5.32	0.02
17.90	5.34	5.10	0.03	20.50	5.57	5.33	0.02
17.95	5.34	5.11	0.03	20.55	5.57	5.33	0.02
18.00	5.35	5.11	0.03	20.60	5.57	5.34	0.02
18.05	5.35	5.12	0.03	20.65	5.58	5.34	0.02
18.10	5.36	5.12	0.03	20.70	5.58	5.34	0.02
18.15	5.36	5.13	0.03	20.75	5.59	5.35	0.02

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.02	23.40	5.77	5.53	0.02
20.85	5.59	5.36	0.02	23.45	5.78	5.54	0.02
20.90	5.60	5.36	0.02	23.50	5.78	5.54	0.02
20.95	5.60	5.36	0.02	23.55	5.78	5.54	0.02
21.00	5.61	5.37	0.02	23.60	5.78	5.55	0.02
21.05	5.61	5.37	0.02	23.65	5.79	5.55	0.02
21.10	5.61	5.37	0.02	23.70	5.79	5.55	0.02
21.15	5.62	5.38	0.02	23.75	5.79	5.56	0.02
21.20	5.62	5.38	0.02	23.80	5.80	5.56	0.02
21.25	5.62	5.39	0.02	23.85	5.80	5.56	0.02
21.30	5.63	5.39	0.02	23.90	5.80	5.56	0.02
21.35	5.63	5.39	0.02	23.95	5.81	5.57	0.02
21.40	5.64	5.40	0.02	24.00	5.81	5.57	0.02
21.45	5.64	5.40	0.02	24.05	5.81	5.57	0.00
21.50	5.64	5.40	0.02	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.02	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.02	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.02	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.02	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.02	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.02	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.02	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.02	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.02	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.02	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.02	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.02	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.02	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.02	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.02	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.02	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.02	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.02	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.02	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.02	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.02	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.02	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.02	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.02	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.02	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.02	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.02	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.02	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.02	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.02	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.02	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.02	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.02	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.02	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.02	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.02	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.02	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 42P: PDA-42 (pervious)

Runoff = 2.11 cfs @ 12.07 hrs, Volume= 0.121 af, Depth= 3.03"
 Routed to Pond B-42 : Basin #42

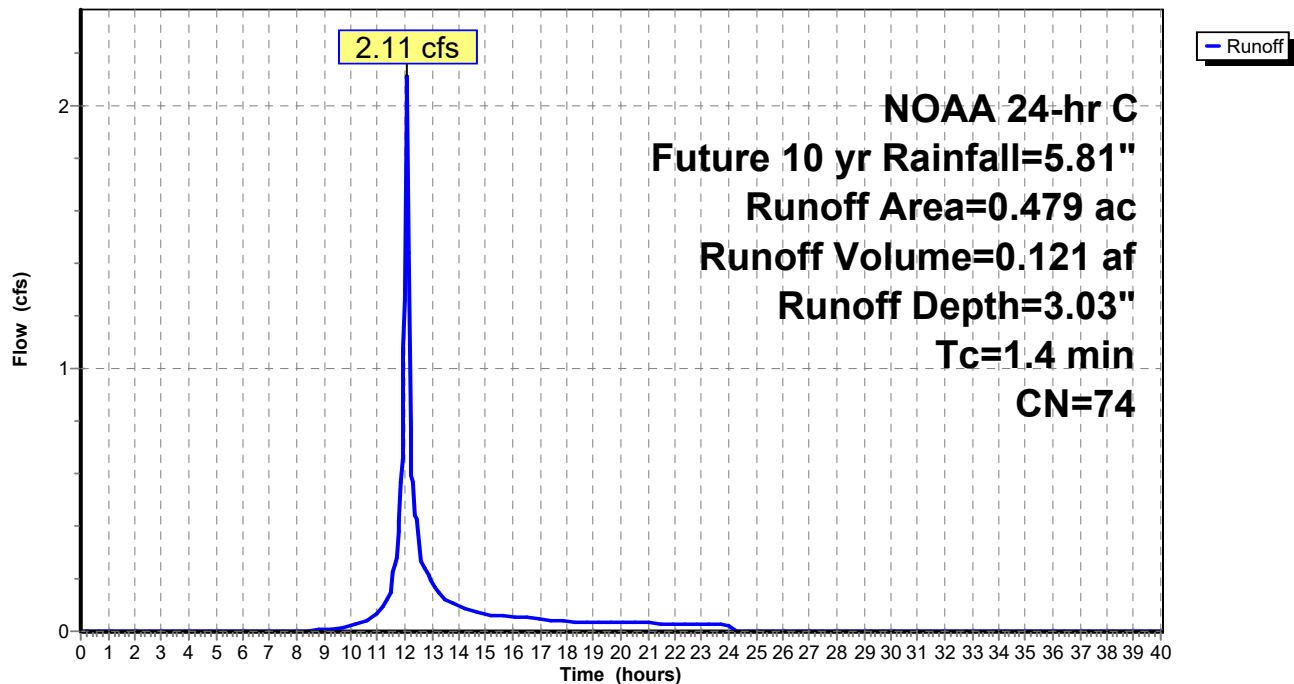
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.479	74	>75% Grass cover, Good, HSG C
0.479		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42P: PDA-42 (pervious)

Hydrograph



Hydrograph for Subcatchment 42P: PDA-42 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.00
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.00
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.00
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.01
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.01
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.01
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.01
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.01
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.01
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.01
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.01
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.02
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.02
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.02
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.02
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.02
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.02
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.02
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.02
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.02
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.02
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.03
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.03
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.03
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.03

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.03	13.00	4.42	1.91	0.19
10.45	1.18	0.06	0.03	13.05	4.44	1.93	0.17
10.50	1.20	0.06	0.03	13.10	4.46	1.94	0.17
10.55	1.21	0.06	0.04	13.15	4.48	1.96	0.16
10.60	1.23	0.07	0.04	13.20	4.50	1.98	0.16
10.65	1.25	0.07	0.04	13.25	4.52	1.99	0.15
10.70	1.27	0.08	0.04	13.30	4.54	2.01	0.15
10.75	1.29	0.08	0.05	13.35	4.56	2.02	0.14
10.80	1.31	0.09	0.05	13.40	4.58	2.03	0.13
10.85	1.33	0.09	0.06	13.45	4.60	2.05	0.12
10.90	1.35	0.10	0.06	13.50	4.61	2.06	0.12
10.95	1.37	0.11	0.06	13.55	4.63	2.07	0.11
11.00	1.39	0.11	0.07	13.60	4.64	2.08	0.11
11.05	1.42	0.12	0.08	13.65	4.66	2.09	0.11
11.10	1.45	0.13	0.08	13.70	4.67	2.10	0.11
11.15	1.48	0.14	0.09	13.75	4.68	2.12	0.10
11.20	1.51	0.15	0.10	13.80	4.70	2.13	0.10
11.25	1.54	0.16	0.11	13.85	4.71	2.14	0.10
11.30	1.57	0.17	0.11	13.90	4.72	2.15	0.10
11.35	1.61	0.18	0.12	13.95	4.74	2.16	0.10
11.40	1.64	0.20	0.13	14.00	4.75	2.17	0.10
11.45	1.68	0.21	0.14	14.05	4.76	2.18	0.09
11.50	1.72	0.23	0.15	14.10	4.78	2.19	0.09
11.55	1.78	0.25	0.23	14.15	4.79	2.20	0.09
11.60	1.83	0.28	0.24	14.20	4.80	2.21	0.09
11.65	1.90	0.30	0.26	14.25	4.81	2.21	0.09
11.70	1.96	0.33	0.28	14.30	4.82	2.22	0.09
11.75	2.04	0.37	0.38	14.35	4.83	2.23	0.09
11.80	2.13	0.41	0.42	14.40	4.85	2.24	0.08
11.85	2.25	0.47	0.57	14.45	4.86	2.25	0.08
11.90	2.36	0.53	0.66	14.50	4.87	2.26	0.08
11.95	2.57	0.65	1.07	14.55	4.88	2.27	0.08
12.00	2.77	0.77	1.26	14.60	4.89	2.27	0.08
12.05	3.11	0.98	2.02	14.65	4.90	2.28	0.08
12.10	3.45	1.20	2.01	14.70	4.91	2.29	0.08
12.15	3.56	1.28	0.86	14.75	4.92	2.30	0.07
12.20	3.68	1.37	0.77	14.80	4.93	2.31	0.07
12.25	3.77	1.43	0.59	14.85	4.94	2.31	0.07
12.30	3.85	1.49	0.57	14.90	4.94	2.32	0.07
12.35	3.91	1.53	0.44	14.95	4.95	2.33	0.07
12.40	3.98	1.58	0.43	15.00	4.96	2.33	0.07
12.45	4.03	1.62	0.42	15.05	4.97	2.34	0.06
12.50	4.09	1.67	0.40	15.10	4.98	2.35	0.06
12.55	4.13	1.69	0.28	15.15	4.99	2.35	0.06
12.60	4.17	1.72	0.27	15.20	4.99	2.36	0.06
12.65	4.20	1.75	0.26	15.25	5.00	2.37	0.06
12.70	4.24	1.77	0.25	15.30	5.01	2.37	0.06
12.75	4.27	1.80	0.24	15.35	5.02	2.38	0.06
12.80	4.30	1.82	0.23	15.40	5.03	2.38	0.06
12.85	4.33	1.85	0.22	15.45	5.03	2.39	0.06
12.90	4.36	1.87	0.21	15.50	5.04	2.40	0.06
12.95	4.39	1.89	0.19	15.55	5.05	2.40	0.06

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.06	18.20	5.37	2.66	0.04
15.65	5.06	2.41	0.06	18.25	5.37	2.67	0.04
15.70	5.07	2.42	0.06	18.30	5.38	2.67	0.04
15.75	5.08	2.43	0.06	18.35	5.38	2.67	0.04
15.80	5.09	2.43	0.06	18.40	5.39	2.68	0.04
15.85	5.09	2.44	0.06	18.45	5.39	2.68	0.04
15.90	5.10	2.44	0.06	18.50	5.40	2.68	0.04
15.95	5.11	2.45	0.06	18.55	5.40	2.69	0.04
16.00	5.11	2.46	0.05	18.60	5.40	2.69	0.04
16.05	5.12	2.46	0.05	18.65	5.41	2.69	0.04
16.10	5.13	2.47	0.05	18.70	5.41	2.70	0.04
16.15	5.13	2.47	0.05	18.75	5.42	2.70	0.04
16.20	5.14	2.48	0.05	18.80	5.42	2.71	0.04
16.25	5.15	2.48	0.05	18.85	5.43	2.71	0.04
16.30	5.16	2.49	0.05	18.90	5.43	2.71	0.04
16.35	5.16	2.49	0.05	18.95	5.44	2.72	0.03
16.40	5.17	2.50	0.05	19.00	5.44	2.72	0.03
16.45	5.17	2.50	0.05	19.05	5.44	2.72	0.03
16.50	5.18	2.51	0.05	19.10	5.45	2.73	0.03
16.55	5.19	2.52	0.05	19.15	5.45	2.73	0.03
16.60	5.19	2.52	0.05	19.20	5.46	2.73	0.03
16.65	5.20	2.53	0.05	19.25	5.46	2.74	0.03
16.70	5.21	2.53	0.05	19.30	5.47	2.74	0.03
16.75	5.21	2.54	0.05	19.35	5.47	2.75	0.03
16.80	5.22	2.54	0.05	19.40	5.48	2.75	0.03
16.85	5.23	2.55	0.05	19.45	5.48	2.75	0.03
16.90	5.23	2.55	0.05	19.50	5.48	2.76	0.03
16.95	5.24	2.55	0.05	19.55	5.49	2.76	0.03
17.00	5.24	2.56	0.05	19.60	5.49	2.76	0.03
17.05	5.25	2.56	0.05	19.65	5.50	2.77	0.03
17.10	5.25	2.57	0.05	19.70	5.50	2.77	0.03
17.15	5.26	2.57	0.04	19.75	5.50	2.77	0.03
17.20	5.27	2.58	0.04	19.80	5.51	2.78	0.03
17.25	5.27	2.58	0.04	19.85	5.51	2.78	0.03
17.30	5.28	2.59	0.04	19.90	5.52	2.78	0.03
17.35	5.28	2.59	0.04	19.95	5.52	2.79	0.03
17.40	5.29	2.60	0.04	20.00	5.53	2.79	0.03
17.45	5.29	2.60	0.04	20.05	5.53	2.79	0.03
17.50	5.30	2.61	0.04	20.10	5.53	2.80	0.03
17.55	5.30	2.61	0.04	20.15	5.54	2.80	0.03
17.60	5.31	2.61	0.04	20.20	5.54	2.80	0.03
17.65	5.31	2.62	0.04	20.25	5.55	2.81	0.03
17.70	5.32	2.62	0.04	20.30	5.55	2.81	0.03
17.75	5.33	2.63	0.04	20.35	5.55	2.81	0.03
17.80	5.33	2.63	0.04	20.40	5.56	2.82	0.03
17.85	5.34	2.63	0.04	20.45	5.56	2.82	0.03
17.90	5.34	2.64	0.04	20.50	5.57	2.82	0.03
17.95	5.34	2.64	0.04	20.55	5.57	2.83	0.03
18.00	5.35	2.65	0.04	20.60	5.57	2.83	0.03
18.05	5.35	2.65	0.04	20.65	5.58	2.83	0.03
18.10	5.36	2.65	0.04	20.70	5.58	2.84	0.03
18.15	5.36	2.66	0.04	20.75	5.59	2.84	0.03

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.03	23.40	5.77	2.99	0.03
20.85	5.59	2.85	0.03	23.45	5.78	3.00	0.03
20.90	5.60	2.85	0.03	23.50	5.78	3.00	0.02
20.95	5.60	2.85	0.03	23.55	5.78	3.00	0.02
21.00	5.61	2.86	0.03	23.60	5.78	3.00	0.02
21.05	5.61	2.86	0.03	23.65	5.79	3.01	0.02
21.10	5.61	2.86	0.03	23.70	5.79	3.01	0.02
21.15	5.62	2.87	0.03	23.75	5.79	3.01	0.02
21.20	5.62	2.87	0.03	23.80	5.80	3.01	0.02
21.25	5.62	2.87	0.03	23.85	5.80	3.02	0.02
21.30	5.63	2.87	0.03	23.90	5.80	3.02	0.02
21.35	5.63	2.88	0.03	23.95	5.81	3.02	0.03
21.40	5.64	2.88	0.03	24.00	5.81	3.03	0.03
21.45	5.64	2.88	0.03	24.05	5.81	3.03	0.00
21.50	5.64	2.89	0.03	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.03	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.03	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.03	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.03	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.03	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.03	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.03	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.03	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.03	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.03	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.03	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.03	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.03	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.03	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.03	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.03	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.03	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.03	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.03	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.03	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.03	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.03	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.03	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.03	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.03	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.03	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.03	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.03	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.03	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.03	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.03	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.03	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.03	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.03	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.03	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.03	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.03	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 43I: PDA-43 (impervious)

Runoff = 6.37 cfs @ 12.08 hrs, Volume= 0.427 af, Depth= 5.57"
 Routed to Pond B-43 : Basin #43

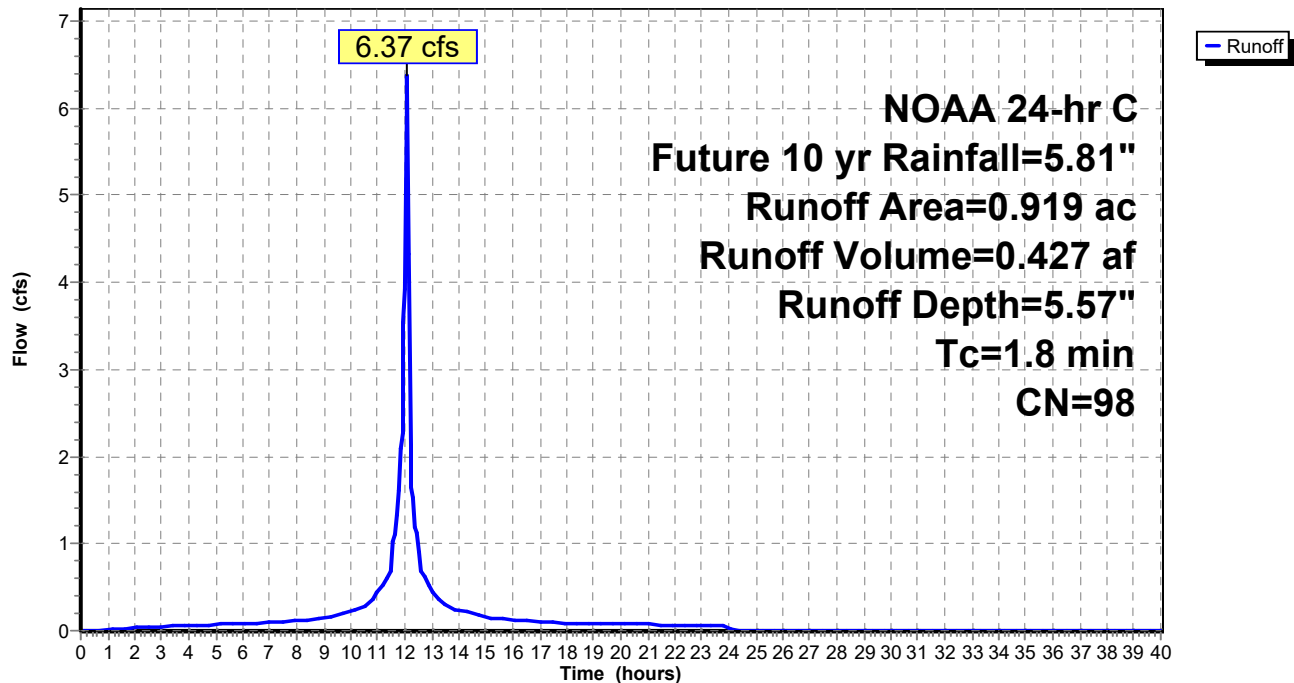
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.326	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.071	98	Concrete, HSC C
0.919	98	Weighted Average
0.919		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8					Direct Entry,

Subcatchment 43I: PDA-43 (impervious)

Hydrograph



Hydrograph for Subcatchment 43I: PDA-43 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.04
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.04
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.04
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.05
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.05
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.05
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.05
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.05
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.05
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.05
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.05
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.05
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.05
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.05
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.05
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.05
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.05
0.85	0.05	0.00	0.01	3.45	0.24	0.10	0.05
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.06
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.06
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.06
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.06
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.06
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.06
1.20	0.08	0.01	0.02	3.80	0.27	0.12	0.06
1.25	0.08	0.01	0.02	3.85	0.27	0.12	0.06
1.30	0.08	0.01	0.02	3.90	0.28	0.13	0.06
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.06
1.40	0.09	0.01	0.02	4.00	0.28	0.13	0.06
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.06
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.06
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.06
1.60	0.10	0.01	0.03	4.20	0.30	0.15	0.06
1.65	0.11	0.02	0.03	4.25	0.31	0.15	0.06
1.70	0.11	0.02	0.03	4.30	0.31	0.15	0.06
1.75	0.11	0.02	0.03	4.35	0.31	0.16	0.06
1.80	0.12	0.02	0.03	4.40	0.32	0.16	0.06
1.85	0.12	0.02	0.03	4.45	0.32	0.16	0.06
1.90	0.12	0.02	0.03	4.50	0.33	0.17	0.06
1.95	0.13	0.03	0.03	4.55	0.33	0.17	0.07
2.00	0.13	0.03	0.03	4.60	0.33	0.17	0.07
2.05	0.13	0.03	0.03	4.65	0.34	0.18	0.07
2.10	0.14	0.03	0.04	4.70	0.34	0.18	0.07
2.15	0.14	0.03	0.04	4.75	0.35	0.18	0.07
2.20	0.15	0.04	0.04	4.80	0.35	0.19	0.07
2.25	0.15	0.04	0.04	4.85	0.36	0.19	0.07
2.30	0.15	0.04	0.04	4.90	0.36	0.20	0.07
2.35	0.16	0.04	0.04	4.95	0.37	0.20	0.07
2.40	0.16	0.04	0.04	5.00	0.37	0.20	0.07
2.45	0.16	0.05	0.04	5.05	0.37	0.21	0.07
2.50	0.17	0.05	0.04	5.10	0.38	0.21	0.07
2.55	0.17	0.05	0.04	5.15	0.38	0.21	0.07

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.07	7.80	0.67	0.47	0.12
5.25	0.39	0.22	0.07	7.85	0.68	0.48	0.12
5.30	0.40	0.23	0.07	7.90	0.68	0.49	0.12
5.35	0.40	0.23	0.07	7.95	0.69	0.49	0.12
5.40	0.41	0.23	0.07	8.00	0.70	0.50	0.12
5.45	0.41	0.24	0.07	8.05	0.70	0.51	0.12
5.50	0.41	0.24	0.07	8.10	0.71	0.51	0.12
5.55	0.42	0.25	0.07	8.15	0.72	0.52	0.13
5.60	0.42	0.25	0.07	8.20	0.72	0.53	0.13
5.65	0.43	0.25	0.07	8.25	0.73	0.53	0.13
5.70	0.43	0.26	0.08	8.30	0.74	0.54	0.13
5.75	0.44	0.26	0.08	8.35	0.75	0.55	0.13
5.80	0.44	0.27	0.08	8.40	0.75	0.55	0.13
5.85	0.45	0.27	0.08	8.45	0.76	0.56	0.13
5.90	0.45	0.27	0.08	8.50	0.77	0.57	0.13
5.95	0.46	0.28	0.08	8.55	0.78	0.58	0.14
6.00	0.46	0.28	0.08	8.60	0.78	0.58	0.14
6.05	0.47	0.29	0.08	8.65	0.79	0.59	0.14
6.10	0.47	0.29	0.08	8.70	0.80	0.60	0.14
6.15	0.47	0.30	0.08	8.75	0.81	0.61	0.14
6.20	0.48	0.30	0.08	8.80	0.82	0.61	0.14
6.25	0.48	0.30	0.08	8.85	0.82	0.62	0.14
6.30	0.49	0.31	0.08	8.90	0.83	0.63	0.14
6.35	0.50	0.31	0.09	8.95	0.84	0.64	0.14
6.40	0.50	0.32	0.09	9.00	0.85	0.64	0.15
6.45	0.51	0.32	0.09	9.05	0.86	0.65	0.15
6.50	0.51	0.33	0.09	9.10	0.87	0.66	0.15
6.55	0.52	0.33	0.09	9.15	0.87	0.67	0.16
6.60	0.52	0.34	0.09	9.20	0.88	0.68	0.16
6.65	0.53	0.34	0.09	9.25	0.89	0.69	0.17
6.70	0.53	0.35	0.09	9.30	0.90	0.70	0.17
6.75	0.54	0.35	0.09	9.35	0.91	0.71	0.18
6.80	0.54	0.36	0.09	9.40	0.92	0.72	0.18
6.85	0.55	0.36	0.10	9.45	0.93	0.73	0.18
6.90	0.56	0.37	0.10	9.50	0.94	0.74	0.19
6.95	0.56	0.37	0.10	9.55	0.95	0.75	0.19
7.00	0.57	0.38	0.10	9.60	0.96	0.76	0.19
7.05	0.57	0.38	0.10	9.65	0.98	0.77	0.20
7.10	0.58	0.39	0.10	9.70	0.99	0.78	0.20
7.15	0.58	0.40	0.10	9.75	1.00	0.79	0.21
7.20	0.59	0.40	0.10	9.80	1.01	0.80	0.21
7.25	0.60	0.41	0.11	9.85	1.02	0.81	0.22
7.30	0.60	0.41	0.11	9.90	1.03	0.82	0.22
7.35	0.61	0.42	0.11	9.95	1.05	0.84	0.22
7.40	0.62	0.42	0.11	10.00	1.06	0.85	0.23
7.45	0.62	0.43	0.11	10.05	1.07	0.86	0.23
7.50	0.63	0.44	0.11	10.10	1.09	0.87	0.23
7.55	0.64	0.44	0.11	10.15	1.10	0.89	0.24
7.60	0.64	0.45	0.11	10.20	1.11	0.90	0.24
7.65	0.65	0.45	0.12	10.25	1.13	0.91	0.25
7.70	0.65	0.46	0.12	10.30	1.14	0.93	0.25
7.75	0.66	0.47	0.12	10.35	1.15	0.94	0.26

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.26	13.00	4.42	4.18	0.48
10.45	1.18	0.97	0.27	13.05	4.44	4.20	0.43
10.50	1.20	0.98	0.27	13.10	4.46	4.23	0.42
10.55	1.21	1.00	0.29	13.15	4.48	4.25	0.40
10.60	1.23	1.02	0.30	13.20	4.50	4.27	0.39
10.65	1.25	1.03	0.32	13.25	4.52	4.29	0.37
10.70	1.27	1.05	0.33	13.30	4.54	4.31	0.36
10.75	1.29	1.07	0.35	13.35	4.56	4.33	0.34
10.80	1.31	1.09	0.36	13.40	4.58	4.34	0.33
10.85	1.33	1.11	0.38	13.45	4.60	4.36	0.31
10.90	1.35	1.13	0.39	13.50	4.61	4.38	0.30
10.95	1.37	1.15	0.42	13.55	4.63	4.39	0.28
11.00	1.39	1.18	0.42	13.60	4.64	4.41	0.27
11.05	1.42	1.20	0.47	13.65	4.66	4.42	0.26
11.10	1.45	1.23	0.48	13.70	4.67	4.43	0.26
11.15	1.48	1.26	0.53	13.75	4.68	4.45	0.26
11.20	1.51	1.29	0.54	13.80	4.70	4.46	0.25
11.25	1.54	1.32	0.58	13.85	4.71	4.48	0.25
11.30	1.57	1.35	0.60	13.90	4.72	4.49	0.25
11.35	1.61	1.38	0.64	13.95	4.74	4.50	0.24
11.40	1.64	1.42	0.65	14.00	4.75	4.51	0.24
11.45	1.68	1.46	0.69	14.05	4.76	4.53	0.23
11.50	1.72	1.49	0.72	14.10	4.78	4.54	0.23
11.55	1.78	1.55	1.03	14.15	4.79	4.55	0.22
11.60	1.83	1.61	1.08	14.20	4.80	4.56	0.22
11.65	1.90	1.67	1.13	14.25	4.81	4.57	0.22
11.70	1.96	1.73	1.16	14.30	4.82	4.59	0.21
11.75	2.04	1.82	1.50	14.35	4.83	4.60	0.21
11.80	2.13	1.90	1.60	14.40	4.85	4.61	0.21
11.85	2.25	2.02	2.09	14.45	4.86	4.62	0.20
11.90	2.36	2.13	2.27	14.50	4.87	4.63	0.20
11.95	2.57	2.34	3.55	14.55	4.88	4.64	0.19
12.00	2.77	2.54	3.92	14.60	4.89	4.65	0.19
12.05	3.11	2.88	5.94	14.65	4.90	4.66	0.18
12.10	3.45	3.21	5.97	14.70	4.91	4.67	0.18
12.15	3.56	3.33	2.68	14.75	4.92	4.68	0.18
12.20	3.68	3.45	2.14	14.80	4.93	4.69	0.17
12.25	3.77	3.53	1.64	14.85	4.94	4.70	0.17
12.30	3.85	3.62	1.54	14.90	4.94	4.71	0.17
12.35	3.91	3.68	1.20	14.95	4.95	4.72	0.16
12.40	3.98	3.74	1.14	15.00	4.96	4.72	0.16
12.45	4.03	3.80	1.09	15.05	4.97	4.73	0.15
12.50	4.09	3.86	1.06	15.10	4.98	4.74	0.15
12.55	4.13	3.90	0.75	15.15	4.99	4.75	0.15
12.60	4.17	3.93	0.70	15.20	4.99	4.76	0.15
12.65	4.20	3.97	0.66	15.25	5.00	4.76	0.15
12.70	4.24	4.00	0.65	15.30	5.01	4.77	0.15
12.75	4.27	4.04	0.61	15.35	5.02	4.78	0.14
12.80	4.30	4.07	0.60	15.40	5.03	4.79	0.14
12.85	4.33	4.10	0.55	15.45	5.03	4.80	0.14
12.90	4.36	4.13	0.54	15.50	5.04	4.80	0.14
12.95	4.39	4.15	0.49	15.55	5.05	4.81	0.14

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.14	18.20	5.37	5.13	0.09
15.65	5.06	4.83	0.14	18.25	5.37	5.14	0.09
15.70	5.07	4.83	0.14	18.30	5.38	5.14	0.09
15.75	5.08	4.84	0.14	18.35	5.38	5.14	0.09
15.80	5.09	4.85	0.14	18.40	5.39	5.15	0.08
15.85	5.09	4.86	0.13	18.45	5.39	5.15	0.08
15.90	5.10	4.86	0.13	18.50	5.40	5.16	0.08
15.95	5.11	4.87	0.13	18.55	5.40	5.16	0.08
16.00	5.11	4.88	0.13	18.60	5.40	5.17	0.08
16.05	5.12	4.88	0.13	18.65	5.41	5.17	0.08
16.10	5.13	4.89	0.13	18.70	5.41	5.18	0.08
16.15	5.13	4.90	0.13	18.75	5.42	5.18	0.08
16.20	5.14	4.90	0.13	18.80	5.42	5.19	0.08
16.25	5.15	4.91	0.13	18.85	5.43	5.19	0.08
16.30	5.16	4.92	0.12	18.90	5.43	5.19	0.08
16.35	5.16	4.92	0.12	18.95	5.44	5.20	0.08
16.40	5.17	4.93	0.12	19.00	5.44	5.20	0.08
16.45	5.17	4.94	0.12	19.05	5.44	5.21	0.08
16.50	5.18	4.94	0.12	19.10	5.45	5.21	0.08
16.55	5.19	4.95	0.12	19.15	5.45	5.22	0.08
16.60	5.19	4.96	0.12	19.20	5.46	5.22	0.08
16.65	5.20	4.96	0.12	19.25	5.46	5.22	0.08
16.70	5.21	4.97	0.12	19.30	5.47	5.23	0.08
16.75	5.21	4.98	0.11	19.35	5.47	5.23	0.08
16.80	5.22	4.98	0.11	19.40	5.48	5.24	0.08
16.85	5.23	4.99	0.11	19.45	5.48	5.24	0.08
16.90	5.23	4.99	0.11	19.50	5.48	5.25	0.08
16.95	5.24	5.00	0.11	19.55	5.49	5.25	0.08
17.00	5.24	5.01	0.11	19.60	5.49	5.25	0.08
17.05	5.25	5.01	0.11	19.65	5.50	5.26	0.08
17.10	5.25	5.02	0.11	19.70	5.50	5.26	0.08
17.15	5.26	5.02	0.11	19.75	5.50	5.27	0.08
17.20	5.27	5.03	0.11	19.80	5.51	5.27	0.08
17.25	5.27	5.03	0.10	19.85	5.51	5.28	0.08
17.30	5.28	5.04	0.10	19.90	5.52	5.28	0.08
17.35	5.28	5.05	0.10	19.95	5.52	5.28	0.08
17.40	5.29	5.05	0.10	20.00	5.53	5.29	0.08
17.45	5.29	5.06	0.10	20.05	5.53	5.29	0.08
17.50	5.30	5.06	0.10	20.10	5.53	5.30	0.08
17.55	5.30	5.07	0.10	20.15	5.54	5.30	0.08
17.60	5.31	5.07	0.10	20.20	5.54	5.30	0.08
17.65	5.31	5.08	0.10	20.25	5.55	5.31	0.07
17.70	5.32	5.08	0.10	20.30	5.55	5.31	0.07
17.75	5.33	5.09	0.09	20.35	5.55	5.32	0.07
17.80	5.33	5.09	0.09	20.40	5.56	5.32	0.07
17.85	5.34	5.10	0.09	20.45	5.56	5.32	0.07
17.90	5.34	5.10	0.09	20.50	5.57	5.33	0.07
17.95	5.34	5.11	0.09	20.55	5.57	5.33	0.07
18.00	5.35	5.11	0.09	20.60	5.57	5.34	0.07
18.05	5.35	5.12	0.09	20.65	5.58	5.34	0.07
18.10	5.36	5.12	0.09	20.70	5.58	5.34	0.07
18.15	5.36	5.13	0.09	20.75	5.59	5.35	0.07

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.07	23.40	5.77	5.53	0.06
20.85	5.59	5.36	0.07	23.45	5.78	5.54	0.06
20.90	5.60	5.36	0.07	23.50	5.78	5.54	0.06
20.95	5.60	5.36	0.07	23.55	5.78	5.54	0.06
21.00	5.61	5.37	0.07	23.60	5.78	5.55	0.06
21.05	5.61	5.37	0.07	23.65	5.79	5.55	0.06
21.10	5.61	5.37	0.07	23.70	5.79	5.55	0.06
21.15	5.62	5.38	0.07	23.75	5.79	5.56	0.06
21.20	5.62	5.38	0.07	23.80	5.80	5.56	0.06
21.25	5.62	5.39	0.07	23.85	5.80	5.56	0.06
21.30	5.63	5.39	0.07	23.90	5.80	5.56	0.06
21.35	5.63	5.39	0.07	23.95	5.81	5.57	0.07
21.40	5.64	5.40	0.07	24.00	5.81	5.57	0.06
21.45	5.64	5.40	0.07	24.05	5.81	5.57	0.01
21.50	5.64	5.40	0.07	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.07	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.07	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.07	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.07	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.07	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.07	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.07	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.07	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.07	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.07	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.07	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.07	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.07	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.06	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.06	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.06	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.06	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.06	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.06	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.06	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.06	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.06	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.06	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.06	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.06	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.06	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.06	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.06	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.06	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.06	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.06	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.06	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.06	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.06	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.06	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.06	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.06	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 43P: PDA-43 (pervious)

Runoff = 5.68 cfs @ 12.20 hrs, Volume= 0.452 af, Depth= 3.03"
 Routed to Pond B-43 : Basin #43

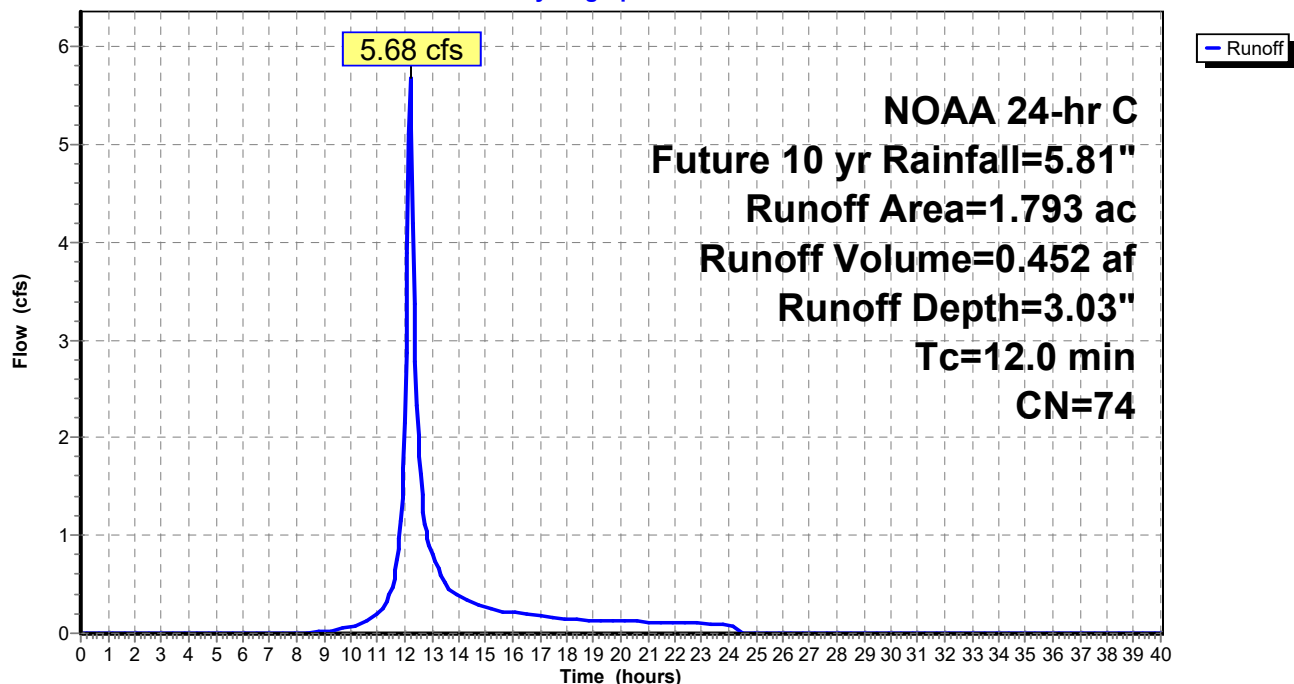
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.793	74	>75% Grass cover, Good, HSG C
1.793		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.0					Direct Entry,

Subcatchment 43P: PDA-43 (pervious)

Hydrograph



Hydrograph for Subcatchment 43P: PDA-43 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.02
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.03
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.04
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.04
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.05
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.05
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.05
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.06
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.06
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.07
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.07
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.08
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.08
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.09
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.09
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.09

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.10	13.00	4.42	1.91	0.83
10.45	1.18	0.06	0.10	13.05	4.44	1.93	0.79
10.50	1.20	0.06	0.11	13.10	4.46	1.94	0.75
10.55	1.21	0.06	0.11	13.15	4.48	1.96	0.71
10.60	1.23	0.07	0.12	13.20	4.50	1.98	0.67
10.65	1.25	0.07	0.13	13.25	4.52	1.99	0.64
10.70	1.27	0.08	0.14	13.30	4.54	2.01	0.61
10.75	1.29	0.08	0.15	13.35	4.56	2.02	0.59
10.80	1.31	0.09	0.16	13.40	4.58	2.03	0.57
10.85	1.33	0.09	0.17	13.45	4.60	2.05	0.54
10.90	1.35	0.10	0.18	13.50	4.61	2.06	0.52
10.95	1.37	0.11	0.19	13.55	4.63	2.07	0.50
11.00	1.39	0.11	0.21	13.60	4.64	2.08	0.47
11.05	1.42	0.12	0.22	13.65	4.66	2.09	0.45
11.10	1.45	0.13	0.24	13.70	4.67	2.10	0.43
11.15	1.48	0.14	0.26	13.75	4.68	2.12	0.42
11.20	1.51	0.15	0.28	13.80	4.70	2.13	0.41
11.25	1.54	0.16	0.30	13.85	4.71	2.14	0.40
11.30	1.57	0.17	0.33	13.90	4.72	2.15	0.39
11.35	1.61	0.18	0.36	13.95	4.74	2.16	0.39
11.40	1.64	0.20	0.39	14.00	4.75	2.17	0.38
11.45	1.68	0.21	0.42	14.05	4.76	2.18	0.38
11.50	1.72	0.23	0.45	14.10	4.78	2.19	0.37
11.55	1.78	0.25	0.48	14.15	4.79	2.20	0.36
11.60	1.83	0.28	0.55	14.20	4.80	2.21	0.36
11.65	1.90	0.30	0.65	14.25	4.81	2.21	0.35
11.70	1.96	0.33	0.76	14.30	4.82	2.22	0.35
11.75	2.04	0.37	0.86	14.35	4.83	2.23	0.34
11.80	2.13	0.41	0.98	14.40	4.85	2.24	0.34
11.85	2.25	0.47	1.14	14.45	4.86	2.25	0.33
11.90	2.36	0.53	1.37	14.50	4.87	2.26	0.32
11.95	2.57	0.65	1.68	14.55	4.88	2.27	0.32
12.00	2.77	0.77	2.15	14.60	4.89	2.27	0.31
12.05	3.11	0.98	2.86	14.65	4.90	2.28	0.31
12.10	3.45	1.20	3.89	14.70	4.91	2.29	0.30
12.15	3.56	1.28	5.11	14.75	4.92	2.30	0.29
12.20	3.68	1.37	5.68	14.80	4.93	2.31	0.29
12.25	3.77	1.43	5.16	14.85	4.94	2.31	0.28
12.30	3.85	1.49	4.20	14.90	4.94	2.32	0.28
12.35	3.91	1.53	3.37	14.95	4.95	2.33	0.27
12.40	3.98	1.58	2.78	15.00	4.96	2.33	0.26
12.45	4.03	1.62	2.33	15.05	4.97	2.34	0.26
12.50	4.09	1.67	2.02	15.10	4.98	2.35	0.25
12.55	4.13	1.69	1.81	15.15	4.99	2.35	0.25
12.60	4.17	1.72	1.63	15.20	4.99	2.36	0.24
12.65	4.20	1.75	1.42	15.25	5.00	2.37	0.24
12.70	4.24	1.77	1.24	15.30	5.01	2.37	0.23
12.75	4.27	1.80	1.12	15.35	5.02	2.38	0.23
12.80	4.30	1.82	1.04	15.40	5.03	2.38	0.23
12.85	4.33	1.85	0.97	15.45	5.03	2.39	0.23
12.90	4.36	1.87	0.92	15.50	5.04	2.40	0.23
12.95	4.39	1.89	0.88	15.55	5.05	2.40	0.22

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.22	18.20	5.37	2.66	0.14
15.65	5.06	2.41	0.22	18.25	5.37	2.67	0.14
15.70	5.07	2.42	0.22	18.30	5.38	2.67	0.14
15.75	5.08	2.43	0.22	18.35	5.38	2.67	0.14
15.80	5.09	2.43	0.22	18.40	5.39	2.68	0.14
15.85	5.09	2.44	0.22	18.45	5.39	2.68	0.14
15.90	5.10	2.44	0.21	18.50	5.40	2.68	0.14
15.95	5.11	2.45	0.21	18.55	5.40	2.69	0.14
16.00	5.11	2.46	0.21	18.60	5.40	2.69	0.13
16.05	5.12	2.46	0.21	18.65	5.41	2.69	0.13
16.10	5.13	2.47	0.21	18.70	5.41	2.70	0.13
16.15	5.13	2.47	0.21	18.75	5.42	2.70	0.13
16.20	5.14	2.48	0.20	18.80	5.42	2.71	0.13
16.25	5.15	2.48	0.20	18.85	5.43	2.71	0.13
16.30	5.16	2.49	0.20	18.90	5.43	2.71	0.13
16.35	5.16	2.49	0.20	18.95	5.44	2.72	0.13
16.40	5.17	2.50	0.20	19.00	5.44	2.72	0.13
16.45	5.17	2.50	0.20	19.05	5.44	2.72	0.13
16.50	5.18	2.51	0.19	19.10	5.45	2.73	0.13
16.55	5.19	2.52	0.19	19.15	5.45	2.73	0.13
16.60	5.19	2.52	0.19	19.20	5.46	2.73	0.13
16.65	5.20	2.53	0.19	19.25	5.46	2.74	0.13
16.70	5.21	2.53	0.19	19.30	5.47	2.74	0.13
16.75	5.21	2.54	0.19	19.35	5.47	2.75	0.13
16.80	5.22	2.54	0.19	19.40	5.48	2.75	0.13
16.85	5.23	2.55	0.18	19.45	5.48	2.75	0.13
16.90	5.23	2.55	0.18	19.50	5.48	2.76	0.13
16.95	5.24	2.55	0.18	19.55	5.49	2.76	0.13
17.00	5.24	2.56	0.18	19.60	5.49	2.76	0.13
17.05	5.25	2.56	0.18	19.65	5.50	2.77	0.13
17.10	5.25	2.57	0.18	19.70	5.50	2.77	0.13
17.15	5.26	2.57	0.17	19.75	5.50	2.77	0.13
17.20	5.27	2.58	0.17	19.80	5.51	2.78	0.13
17.25	5.27	2.58	0.17	19.85	5.51	2.78	0.13
17.30	5.28	2.59	0.17	19.90	5.52	2.78	0.12
17.35	5.28	2.59	0.17	19.95	5.52	2.79	0.12
17.40	5.29	2.60	0.17	20.00	5.53	2.79	0.12
17.45	5.29	2.60	0.16	20.05	5.53	2.79	0.12
17.50	5.30	2.61	0.16	20.10	5.53	2.80	0.12
17.55	5.30	2.61	0.16	20.15	5.54	2.80	0.12
17.60	5.31	2.61	0.16	20.20	5.54	2.80	0.12
17.65	5.31	2.62	0.16	20.25	5.55	2.81	0.12
17.70	5.32	2.62	0.16	20.30	5.55	2.81	0.12
17.75	5.33	2.63	0.15	20.35	5.55	2.81	0.12
17.80	5.33	2.63	0.15	20.40	5.56	2.82	0.12
17.85	5.34	2.63	0.15	20.45	5.56	2.82	0.12
17.90	5.34	2.64	0.15	20.50	5.57	2.82	0.12
17.95	5.34	2.64	0.15	20.55	5.57	2.83	0.12
18.00	5.35	2.65	0.15	20.60	5.57	2.83	0.12
18.05	5.35	2.65	0.14	20.65	5.58	2.83	0.12
18.10	5.36	2.65	0.14	20.70	5.58	2.84	0.12
18.15	5.36	2.66	0.14	20.75	5.59	2.84	0.12

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.12	23.40	5.77	2.99	0.10
20.85	5.59	2.85	0.12	23.45	5.78	3.00	0.10
20.90	5.60	2.85	0.12	23.50	5.78	3.00	0.10
20.95	5.60	2.85	0.12	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.12	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.12	23.65	5.79	3.01	0.09
21.10	5.61	2.86	0.11	23.70	5.79	3.01	0.09
21.15	5.62	2.87	0.11	23.75	5.79	3.01	0.09
21.20	5.62	2.87	0.11	23.80	5.80	3.01	0.09
21.25	5.62	2.87	0.11	23.85	5.80	3.02	0.09
21.30	5.63	2.87	0.11	23.90	5.80	3.02	0.09
21.35	5.63	2.88	0.11	23.95	5.81	3.02	0.09
21.40	5.64	2.88	0.11	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.11	24.05	5.81	3.03	0.10
21.50	5.64	2.89	0.11	24.10	5.81	3.03	0.09
21.55	5.65	2.89	0.11	24.15	5.81	3.03	0.06
21.60	5.65	2.89	0.11	24.20	5.81	3.03	0.04
21.65	5.65	2.90	0.11	24.25	5.81	3.03	0.02
21.70	5.66	2.90	0.11	24.30	5.81	3.03	0.01
21.75	5.66	2.90	0.11	24.35	5.81	3.03	0.01
21.80	5.66	2.90	0.11	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.11	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.11	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.11	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.11	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.11	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.11	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.11	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.11	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.11	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.11	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.10	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.10	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.10	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.10	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.10	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.10	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.10	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.10	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.10	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.10	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.10	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.10	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.10	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.10	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.10	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.10	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.10	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.10	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.10	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.10	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.10	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 44I: PDA-44 (impervious)

Runoff = 2.18 cfs @ 12.17 hrs, Volume= 0.191 af, Depth= 5.57"
 Routed to Pond B-44 : Basin #44

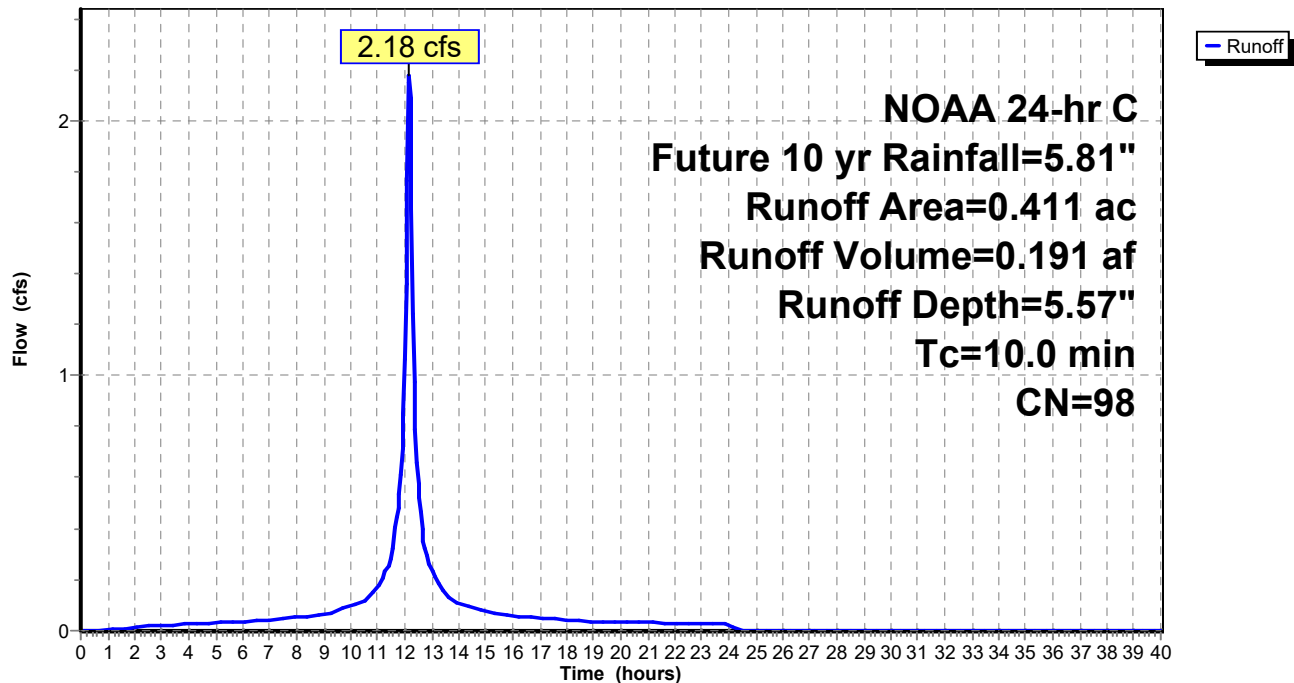
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.283	98	Pavement, HSG C
* 0.104	98	Roof, HSG C
* 0.024	98	Concrete, HSC C
0.411	98	Weighted Average
0.411		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44I: PDA-44 (impervious)

Hydrograph



Hydrograph for Subcatchment 44I: PDA-44 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.02
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.02
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.02
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.02
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.02
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.02
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.02
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.02
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.02
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.02
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.02
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.02
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.02
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.02
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.02
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.02
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.02
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.02
0.90	0.06	0.00	0.00	3.50	0.24	0.10	0.02
0.95	0.06	0.00	0.00	3.55	0.25	0.10	0.02
1.00	0.06	0.00	0.00	3.60	0.25	0.11	0.02
1.05	0.07	0.00	0.00	3.65	0.26	0.11	0.02
1.10	0.07	0.00	0.00	3.70	0.26	0.11	0.02
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.03
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.03
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.03
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.03
1.35	0.09	0.01	0.01	3.95	0.28	0.13	0.03
1.40	0.09	0.01	0.01	4.00	0.28	0.13	0.03
1.45	0.09	0.01	0.01	4.05	0.29	0.14	0.03
1.50	0.10	0.01	0.01	4.10	0.29	0.14	0.03
1.55	0.10	0.01	0.01	4.15	0.30	0.14	0.03
1.60	0.10	0.01	0.01	4.20	0.30	0.15	0.03
1.65	0.11	0.02	0.01	4.25	0.31	0.15	0.03
1.70	0.11	0.02	0.01	4.30	0.31	0.15	0.03
1.75	0.11	0.02	0.01	4.35	0.31	0.16	0.03
1.80	0.12	0.02	0.01	4.40	0.32	0.16	0.03
1.85	0.12	0.02	0.01	4.45	0.32	0.16	0.03
1.90	0.12	0.02	0.01	4.50	0.33	0.17	0.03
1.95	0.13	0.03	0.01	4.55	0.33	0.17	0.03
2.00	0.13	0.03	0.01	4.60	0.33	0.17	0.03
2.05	0.13	0.03	0.01	4.65	0.34	0.18	0.03
2.10	0.14	0.03	0.01	4.70	0.34	0.18	0.03
2.15	0.14	0.03	0.02	4.75	0.35	0.18	0.03
2.20	0.15	0.04	0.02	4.80	0.35	0.19	0.03
2.25	0.15	0.04	0.02	4.85	0.36	0.19	0.03
2.30	0.15	0.04	0.02	4.90	0.36	0.20	0.03
2.35	0.16	0.04	0.02	4.95	0.37	0.20	0.03
2.40	0.16	0.04	0.02	5.00	0.37	0.20	0.03
2.45	0.16	0.05	0.02	5.05	0.37	0.21	0.03
2.50	0.17	0.05	0.02	5.10	0.38	0.21	0.03
2.55	0.17	0.05	0.02	5.15	0.38	0.21	0.03

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.03	7.80	0.67	0.47	0.05
5.25	0.39	0.22	0.03	7.85	0.68	0.48	0.05
5.30	0.40	0.23	0.03	7.90	0.68	0.49	0.05
5.35	0.40	0.23	0.03	7.95	0.69	0.49	0.05
5.40	0.41	0.23	0.03	8.00	0.70	0.50	0.05
5.45	0.41	0.24	0.03	8.05	0.70	0.51	0.05
5.50	0.41	0.24	0.03	8.10	0.71	0.51	0.05
5.55	0.42	0.25	0.03	8.15	0.72	0.52	0.06
5.60	0.42	0.25	0.03	8.20	0.72	0.53	0.06
5.65	0.43	0.25	0.03	8.25	0.73	0.53	0.06
5.70	0.43	0.26	0.03	8.30	0.74	0.54	0.06
5.75	0.44	0.26	0.03	8.35	0.75	0.55	0.06
5.80	0.44	0.27	0.03	8.40	0.75	0.55	0.06
5.85	0.45	0.27	0.03	8.45	0.76	0.56	0.06
5.90	0.45	0.27	0.03	8.50	0.77	0.57	0.06
5.95	0.46	0.28	0.03	8.55	0.78	0.58	0.06
6.00	0.46	0.28	0.03	8.60	0.78	0.58	0.06
6.05	0.47	0.29	0.03	8.65	0.79	0.59	0.06
6.10	0.47	0.29	0.03	8.70	0.80	0.60	0.06
6.15	0.47	0.30	0.04	8.75	0.81	0.61	0.06
6.20	0.48	0.30	0.04	8.80	0.82	0.61	0.06
6.25	0.48	0.30	0.04	8.85	0.82	0.62	0.06
6.30	0.49	0.31	0.04	8.90	0.83	0.63	0.06
6.35	0.50	0.31	0.04	8.95	0.84	0.64	0.06
6.40	0.50	0.32	0.04	9.00	0.85	0.64	0.06
6.45	0.51	0.32	0.04	9.05	0.86	0.65	0.06
6.50	0.51	0.33	0.04	9.10	0.87	0.66	0.07
6.55	0.52	0.33	0.04	9.15	0.87	0.67	0.07
6.60	0.52	0.34	0.04	9.20	0.88	0.68	0.07
6.65	0.53	0.34	0.04	9.25	0.89	0.69	0.07
6.70	0.53	0.35	0.04	9.30	0.90	0.70	0.07
6.75	0.54	0.35	0.04	9.35	0.91	0.71	0.07
6.80	0.54	0.36	0.04	9.40	0.92	0.72	0.08
6.85	0.55	0.36	0.04	9.45	0.93	0.73	0.08
6.90	0.56	0.37	0.04	9.50	0.94	0.74	0.08
6.95	0.56	0.37	0.04	9.55	0.95	0.75	0.08
7.00	0.57	0.38	0.04	9.60	0.96	0.76	0.08
7.05	0.57	0.38	0.04	9.65	0.98	0.77	0.08
7.10	0.58	0.39	0.04	9.70	0.99	0.78	0.09
7.15	0.58	0.40	0.05	9.75	1.00	0.79	0.09
7.20	0.59	0.40	0.05	9.80	1.01	0.80	0.09
7.25	0.60	0.41	0.05	9.85	1.02	0.81	0.09
7.30	0.60	0.41	0.05	9.90	1.03	0.82	0.09
7.35	0.61	0.42	0.05	9.95	1.05	0.84	0.10
7.40	0.62	0.42	0.05	10.00	1.06	0.85	0.10
7.45	0.62	0.43	0.05	10.05	1.07	0.86	0.10
7.50	0.63	0.44	0.05	10.10	1.09	0.87	0.10
7.55	0.64	0.44	0.05	10.15	1.10	0.89	0.10
7.60	0.64	0.45	0.05	10.20	1.11	0.90	0.10
7.65	0.65	0.45	0.05	10.25	1.13	0.91	0.11
7.70	0.65	0.46	0.05	10.30	1.14	0.93	0.11
7.75	0.66	0.47	0.05	10.35	1.15	0.94	0.11

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.11	13.00	4.42	4.18	0.24
10.45	1.18	0.97	0.11	13.05	4.44	4.20	0.23
10.50	1.20	0.98	0.12	13.10	4.46	4.23	0.22
10.55	1.21	1.00	0.12	13.15	4.48	4.25	0.20
10.60	1.23	1.02	0.12	13.20	4.50	4.27	0.19
10.65	1.25	1.03	0.13	13.25	4.52	4.29	0.19
10.70	1.27	1.05	0.13	13.30	4.54	4.31	0.18
10.75	1.29	1.07	0.14	13.35	4.56	4.33	0.17
10.80	1.31	1.09	0.15	13.40	4.58	4.34	0.16
10.85	1.33	1.11	0.15	13.45	4.60	4.36	0.16
10.90	1.35	1.13	0.16	13.50	4.61	4.38	0.15
10.95	1.37	1.15	0.17	13.55	4.63	4.39	0.14
11.00	1.39	1.18	0.17	13.60	4.64	4.41	0.14
11.05	1.42	1.20	0.18	13.65	4.66	4.42	0.13
11.10	1.45	1.23	0.19	13.70	4.67	4.43	0.12
11.15	1.48	1.26	0.20	13.75	4.68	4.45	0.12
11.20	1.51	1.29	0.21	13.80	4.70	4.46	0.12
11.25	1.54	1.32	0.23	13.85	4.71	4.48	0.12
11.30	1.57	1.35	0.24	13.90	4.72	4.49	0.11
11.35	1.61	1.38	0.25	13.95	4.74	4.50	0.11
11.40	1.64	1.42	0.26	14.00	4.75	4.51	0.11
11.45	1.68	1.46	0.28	14.05	4.76	4.53	0.11
11.50	1.72	1.49	0.29	14.10	4.78	4.54	0.11
11.55	1.78	1.55	0.30	14.15	4.79	4.55	0.11
11.60	1.83	1.61	0.34	14.20	4.80	4.56	0.10
11.65	1.90	1.67	0.40	14.25	4.81	4.57	0.10
11.70	1.96	1.73	0.45	14.30	4.82	4.59	0.10
11.75	2.04	1.82	0.48	14.35	4.83	4.60	0.10
11.80	2.13	1.90	0.54	14.40	4.85	4.61	0.10
11.85	2.25	2.02	0.61	14.45	4.86	4.62	0.09
11.90	2.36	2.13	0.72	14.50	4.87	4.63	0.09
11.95	2.57	2.34	0.85	14.55	4.88	4.64	0.09
12.00	2.77	2.54	1.07	14.60	4.89	4.65	0.09
12.05	3.11	2.88	1.36	14.65	4.90	4.66	0.09
12.10	3.45	3.21	1.76	14.70	4.91	4.67	0.09
12.15	3.56	3.33	2.15	14.75	4.92	4.68	0.08
12.20	3.68	3.45	2.09	14.80	4.93	4.69	0.08
12.25	3.77	3.53	1.65	14.85	4.94	4.70	0.08
12.30	3.85	3.62	1.25	14.90	4.94	4.71	0.08
12.35	3.91	3.68	0.98	14.95	4.95	4.72	0.08
12.40	3.98	3.74	0.79	15.00	4.96	4.72	0.07
12.45	4.03	3.80	0.66	15.05	4.97	4.73	0.07
12.50	4.09	3.86	0.58	15.10	4.98	4.74	0.07
12.55	4.13	3.90	0.52	15.15	4.99	4.75	0.07
12.60	4.17	3.93	0.47	15.20	4.99	4.76	0.07
12.65	4.20	3.97	0.40	15.25	5.00	4.76	0.07
12.70	4.24	4.00	0.35	15.30	5.01	4.77	0.07
12.75	4.27	4.04	0.32	15.35	5.02	4.78	0.07
12.80	4.30	4.07	0.30	15.40	5.03	4.79	0.07
12.85	4.33	4.10	0.28	15.45	5.03	4.80	0.07
12.90	4.36	4.13	0.27	15.50	5.04	4.80	0.06
12.95	4.39	4.15	0.26	15.55	5.05	4.81	0.06

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.06	18.20	5.37	5.13	0.04
15.65	5.06	4.83	0.06	18.25	5.37	5.14	0.04
15.70	5.07	4.83	0.06	18.30	5.38	5.14	0.04
15.75	5.08	4.84	0.06	18.35	5.38	5.14	0.04
15.80	5.09	4.85	0.06	18.40	5.39	5.15	0.04
15.85	5.09	4.86	0.06	18.45	5.39	5.15	0.04
15.90	5.10	4.86	0.06	18.50	5.40	5.16	0.04
15.95	5.11	4.87	0.06	18.55	5.40	5.16	0.04
16.00	5.11	4.88	0.06	18.60	5.40	5.17	0.04
16.05	5.12	4.88	0.06	18.65	5.41	5.17	0.04
16.10	5.13	4.89	0.06	18.70	5.41	5.18	0.04
16.15	5.13	4.90	0.06	18.75	5.42	5.18	0.04
16.20	5.14	4.90	0.06	18.80	5.42	5.19	0.04
16.25	5.15	4.91	0.06	18.85	5.43	5.19	0.04
16.30	5.16	4.92	0.06	18.90	5.43	5.19	0.04
16.35	5.16	4.92	0.06	18.95	5.44	5.20	0.04
16.40	5.17	4.93	0.06	19.00	5.44	5.20	0.04
16.45	5.17	4.94	0.06	19.05	5.44	5.21	0.04
16.50	5.18	4.94	0.06	19.10	5.45	5.21	0.04
16.55	5.19	4.95	0.05	19.15	5.45	5.22	0.04
16.60	5.19	4.96	0.05	19.20	5.46	5.22	0.04
16.65	5.20	4.96	0.05	19.25	5.46	5.22	0.04
16.70	5.21	4.97	0.05	19.30	5.47	5.23	0.04
16.75	5.21	4.98	0.05	19.35	5.47	5.23	0.04
16.80	5.22	4.98	0.05	19.40	5.48	5.24	0.04
16.85	5.23	4.99	0.05	19.45	5.48	5.24	0.04
16.90	5.23	4.99	0.05	19.50	5.48	5.25	0.04
16.95	5.24	5.00	0.05	19.55	5.49	5.25	0.04
17.00	5.24	5.01	0.05	19.60	5.49	5.25	0.04
17.05	5.25	5.01	0.05	19.65	5.50	5.26	0.04
17.10	5.25	5.02	0.05	19.70	5.50	5.26	0.04
17.15	5.26	5.02	0.05	19.75	5.50	5.27	0.04
17.20	5.27	5.03	0.05	19.80	5.51	5.27	0.03
17.25	5.27	5.03	0.05	19.85	5.51	5.28	0.03
17.30	5.28	5.04	0.05	19.90	5.52	5.28	0.03
17.35	5.28	5.05	0.05	19.95	5.52	5.28	0.03
17.40	5.29	5.05	0.05	20.00	5.53	5.29	0.03
17.45	5.29	5.06	0.05	20.05	5.53	5.29	0.03
17.50	5.30	5.06	0.05	20.10	5.53	5.30	0.03
17.55	5.30	5.07	0.04	20.15	5.54	5.30	0.03
17.60	5.31	5.07	0.04	20.20	5.54	5.30	0.03
17.65	5.31	5.08	0.04	20.25	5.55	5.31	0.03
17.70	5.32	5.08	0.04	20.30	5.55	5.31	0.03
17.75	5.33	5.09	0.04	20.35	5.55	5.32	0.03
17.80	5.33	5.09	0.04	20.40	5.56	5.32	0.03
17.85	5.34	5.10	0.04	20.45	5.56	5.32	0.03
17.90	5.34	5.10	0.04	20.50	5.57	5.33	0.03
17.95	5.34	5.11	0.04	20.55	5.57	5.33	0.03
18.00	5.35	5.11	0.04	20.60	5.57	5.34	0.03
18.05	5.35	5.12	0.04	20.65	5.58	5.34	0.03
18.10	5.36	5.12	0.04	20.70	5.58	5.34	0.03
18.15	5.36	5.13	0.04	20.75	5.59	5.35	0.03

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.03	23.40	5.77	5.53	0.03
20.85	5.59	5.36	0.03	23.45	5.78	5.54	0.03
20.90	5.60	5.36	0.03	23.50	5.78	5.54	0.03
20.95	5.60	5.36	0.03	23.55	5.78	5.54	0.03
21.00	5.61	5.37	0.03	23.60	5.78	5.55	0.03
21.05	5.61	5.37	0.03	23.65	5.79	5.55	0.03
21.10	5.61	5.37	0.03	23.70	5.79	5.55	0.03
21.15	5.62	5.38	0.03	23.75	5.79	5.56	0.03
21.20	5.62	5.38	0.03	23.80	5.80	5.56	0.03
21.25	5.62	5.39	0.03	23.85	5.80	5.56	0.03
21.30	5.63	5.39	0.03	23.90	5.80	5.56	0.03
21.35	5.63	5.39	0.03	23.95	5.81	5.57	0.03
21.40	5.64	5.40	0.03	24.00	5.81	5.57	0.03
21.45	5.64	5.40	0.03	24.05	5.81	5.57	0.03
21.50	5.64	5.40	0.03	24.10	5.81	5.57	0.02
21.55	5.65	5.41	0.03	24.15	5.81	5.57	0.01
21.60	5.65	5.41	0.03	24.20	5.81	5.57	0.01
21.65	5.65	5.42	0.03	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.03	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.03	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.03	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.03	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.03	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.03	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.03	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.03	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.03	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.03	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.03	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.03	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.03	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.03	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.03	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.03	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.03	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.03	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.03	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.03	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.03	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.03	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.03	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.03	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.03	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.03	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.03	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.03	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.03	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.03	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.03	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.03	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.03	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.03	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 44P: PDA-44 (pervious)

Runoff = 2.59 cfs @ 12.18 hrs, Volume= 0.195 af, Depth= 3.03"
 Routed to Pond B-44 : Basin #44

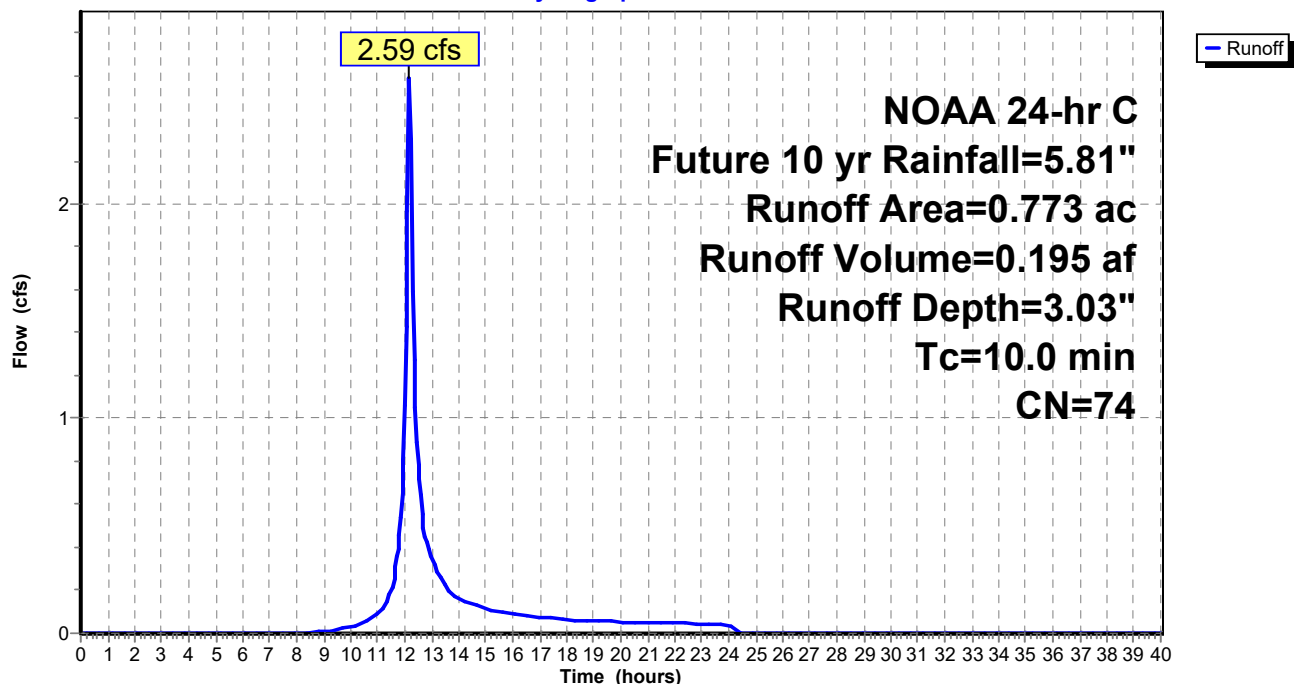
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.773	74	>75% Grass cover, Good, HSG C
0.773		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44P: PDA-44 (pervious)

Hydrograph



Hydrograph for Subcatchment 44P: PDA-44 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.01
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.01
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.01
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.02
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.02
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.02
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.02
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.03
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.03
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.03
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.03
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.03
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.04
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.04
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.04
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.04

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.04	13.00	4.42	1.91	0.35
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.33
10.50	1.20	0.06	0.05	13.10	4.46	1.94	0.31
10.55	1.21	0.06	0.05	13.15	4.48	1.96	0.29
10.60	1.23	0.07	0.05	13.20	4.50	1.98	0.28
10.65	1.25	0.07	0.06	13.25	4.52	1.99	0.27
10.70	1.27	0.08	0.06	13.30	4.54	2.01	0.26
10.75	1.29	0.08	0.07	13.35	4.56	2.02	0.25
10.80	1.31	0.09	0.07	13.40	4.58	2.03	0.24
10.85	1.33	0.09	0.08	13.45	4.60	2.05	0.23
10.90	1.35	0.10	0.08	13.50	4.61	2.06	0.22
10.95	1.37	0.11	0.09	13.55	4.63	2.07	0.21
11.00	1.39	0.11	0.09	13.60	4.64	2.08	0.20
11.05	1.42	0.12	0.10	13.65	4.66	2.09	0.19
11.10	1.45	0.13	0.11	13.70	4.67	2.10	0.18
11.15	1.48	0.14	0.12	13.75	4.68	2.12	0.18
11.20	1.51	0.15	0.13	13.80	4.70	2.13	0.17
11.25	1.54	0.16	0.14	13.85	4.71	2.14	0.17
11.30	1.57	0.17	0.15	13.90	4.72	2.15	0.17
11.35	1.61	0.18	0.16	13.95	4.74	2.16	0.17
11.40	1.64	0.20	0.17	14.00	4.75	2.17	0.16
11.45	1.68	0.21	0.19	14.05	4.76	2.18	0.16
11.50	1.72	0.23	0.20	14.10	4.78	2.19	0.16
11.55	1.78	0.25	0.22	14.15	4.79	2.20	0.16
11.60	1.83	0.28	0.26	14.20	4.80	2.21	0.15
11.65	1.90	0.30	0.31	14.25	4.81	2.21	0.15
11.70	1.96	0.33	0.35	14.30	4.82	2.22	0.15
11.75	2.04	0.37	0.40	14.35	4.83	2.23	0.15
11.80	2.13	0.41	0.45	14.40	4.85	2.24	0.14
11.85	2.25	0.47	0.54	14.45	4.86	2.25	0.14
11.90	2.36	0.53	0.65	14.50	4.87	2.26	0.14
11.95	2.57	0.65	0.81	14.55	4.88	2.27	0.14
12.00	2.77	0.77	1.06	14.60	4.89	2.27	0.13
12.05	3.11	0.98	1.43	14.65	4.90	2.28	0.13
12.10	3.45	1.20	1.96	14.70	4.91	2.29	0.13
12.15	3.56	1.28	2.51	14.75	4.92	2.30	0.12
12.20	3.68	1.37	2.53	14.80	4.93	2.31	0.12
12.25	3.77	1.43	2.06	14.85	4.94	2.31	0.12
12.30	3.85	1.49	1.59	14.90	4.94	2.32	0.12
12.35	3.91	1.53	1.27	14.95	4.95	2.33	0.11
12.40	3.98	1.58	1.05	15.00	4.96	2.33	0.11
12.45	4.03	1.62	0.89	15.05	4.97	2.34	0.11
12.50	4.09	1.67	0.79	15.10	4.98	2.35	0.11
12.55	4.13	1.69	0.72	15.15	4.99	2.35	0.10
12.60	4.17	1.72	0.64	15.20	4.99	2.36	0.10
12.65	4.20	1.75	0.56	15.25	5.00	2.37	0.10
12.70	4.24	1.77	0.49	15.30	5.01	2.37	0.10
12.75	4.27	1.80	0.45	15.35	5.02	2.38	0.10
12.80	4.30	1.82	0.42	15.40	5.03	2.38	0.10
12.85	4.33	1.85	0.40	15.45	5.03	2.39	0.10
12.90	4.36	1.87	0.38	15.50	5.04	2.40	0.10
12.95	4.39	1.89	0.37	15.55	5.05	2.40	0.10

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.10	18.20	5.37	2.66	0.06
15.65	5.06	2.41	0.10	18.25	5.37	2.67	0.06
15.70	5.07	2.42	0.09	18.30	5.38	2.67	0.06
15.75	5.08	2.43	0.09	18.35	5.38	2.67	0.06
15.80	5.09	2.43	0.09	18.40	5.39	2.68	0.06
15.85	5.09	2.44	0.09	18.45	5.39	2.68	0.06
15.90	5.10	2.44	0.09	18.50	5.40	2.68	0.06
15.95	5.11	2.45	0.09	18.55	5.40	2.69	0.06
16.00	5.11	2.46	0.09	18.60	5.40	2.69	0.06
16.05	5.12	2.46	0.09	18.65	5.41	2.69	0.06
16.10	5.13	2.47	0.09	18.70	5.41	2.70	0.06
16.15	5.13	2.47	0.09	18.75	5.42	2.70	0.06
16.20	5.14	2.48	0.09	18.80	5.42	2.71	0.06
16.25	5.15	2.48	0.09	18.85	5.43	2.71	0.06
16.30	5.16	2.49	0.09	18.90	5.43	2.71	0.06
16.35	5.16	2.49	0.09	18.95	5.44	2.72	0.06
16.40	5.17	2.50	0.08	19.00	5.44	2.72	0.06
16.45	5.17	2.50	0.08	19.05	5.44	2.72	0.06
16.50	5.18	2.51	0.08	19.10	5.45	2.73	0.06
16.55	5.19	2.52	0.08	19.15	5.45	2.73	0.06
16.60	5.19	2.52	0.08	19.20	5.46	2.73	0.06
16.65	5.20	2.53	0.08	19.25	5.46	2.74	0.06
16.70	5.21	2.53	0.08	19.30	5.47	2.74	0.06
16.75	5.21	2.54	0.08	19.35	5.47	2.75	0.06
16.80	5.22	2.54	0.08	19.40	5.48	2.75	0.06
16.85	5.23	2.55	0.08	19.45	5.48	2.75	0.06
16.90	5.23	2.55	0.08	19.50	5.48	2.76	0.05
16.95	5.24	2.55	0.08	19.55	5.49	2.76	0.05
17.00	5.24	2.56	0.08	19.60	5.49	2.76	0.05
17.05	5.25	2.56	0.08	19.65	5.50	2.77	0.05
17.10	5.25	2.57	0.08	19.70	5.50	2.77	0.05
17.15	5.26	2.57	0.07	19.75	5.50	2.77	0.05
17.20	5.27	2.58	0.07	19.80	5.51	2.78	0.05
17.25	5.27	2.58	0.07	19.85	5.51	2.78	0.05
17.30	5.28	2.59	0.07	19.90	5.52	2.78	0.05
17.35	5.28	2.59	0.07	19.95	5.52	2.79	0.05
17.40	5.29	2.60	0.07	20.00	5.53	2.79	0.05
17.45	5.29	2.60	0.07	20.05	5.53	2.79	0.05
17.50	5.30	2.61	0.07	20.10	5.53	2.80	0.05
17.55	5.30	2.61	0.07	20.15	5.54	2.80	0.05
17.60	5.31	2.61	0.07	20.20	5.54	2.80	0.05
17.65	5.31	2.62	0.07	20.25	5.55	2.81	0.05
17.70	5.32	2.62	0.07	20.30	5.55	2.81	0.05
17.75	5.33	2.63	0.07	20.35	5.55	2.81	0.05
17.80	5.33	2.63	0.07	20.40	5.56	2.82	0.05
17.85	5.34	2.63	0.06	20.45	5.56	2.82	0.05
17.90	5.34	2.64	0.06	20.50	5.57	2.82	0.05
17.95	5.34	2.64	0.06	20.55	5.57	2.83	0.05
18.00	5.35	2.65	0.06	20.60	5.57	2.83	0.05
18.05	5.35	2.65	0.06	20.65	5.58	2.83	0.05
18.10	5.36	2.65	0.06	20.70	5.58	2.84	0.05
18.15	5.36	2.66	0.06	20.75	5.59	2.84	0.05

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.05	23.40	5.77	2.99	0.04
20.85	5.59	2.85	0.05	23.45	5.78	3.00	0.04
20.90	5.60	2.85	0.05	23.50	5.78	3.00	0.04
20.95	5.60	2.85	0.05	23.55	5.78	3.00	0.04
21.00	5.61	2.86	0.05	23.60	5.78	3.00	0.04
21.05	5.61	2.86	0.05	23.65	5.79	3.01	0.04
21.10	5.61	2.86	0.05	23.70	5.79	3.01	0.04
21.15	5.62	2.87	0.05	23.75	5.79	3.01	0.04
21.20	5.62	2.87	0.05	23.80	5.80	3.01	0.04
21.25	5.62	2.87	0.05	23.85	5.80	3.02	0.04
21.30	5.63	2.87	0.05	23.90	5.80	3.02	0.04
21.35	5.63	2.88	0.05	23.95	5.81	3.02	0.04
21.40	5.64	2.88	0.05	24.00	5.81	3.03	0.04
21.45	5.64	2.88	0.05	24.05	5.81	3.03	0.04
21.50	5.64	2.89	0.05	24.10	5.81	3.03	0.04
21.55	5.65	2.89	0.05	24.15	5.81	3.03	0.02
21.60	5.65	2.89	0.05	24.20	5.81	3.03	0.01
21.65	5.65	2.90	0.05	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.05	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.05	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.05	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.05	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.05	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.05	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.05	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.05	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.05	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.05	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.05	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.05	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.05	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.05	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.04	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.04	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.04	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.04	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.04	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.04	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.04	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.04	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.04	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.04	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.04	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.04	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.04	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.04	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.04	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.04	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.04	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.04	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.04	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.04	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 45I: PDA-45 (impervious)

Runoff = 8.83 cfs @ 12.11 hrs, Volume= 0.669 af, Depth= 5.57"
 Routed to Pond B-45 : Basin #45

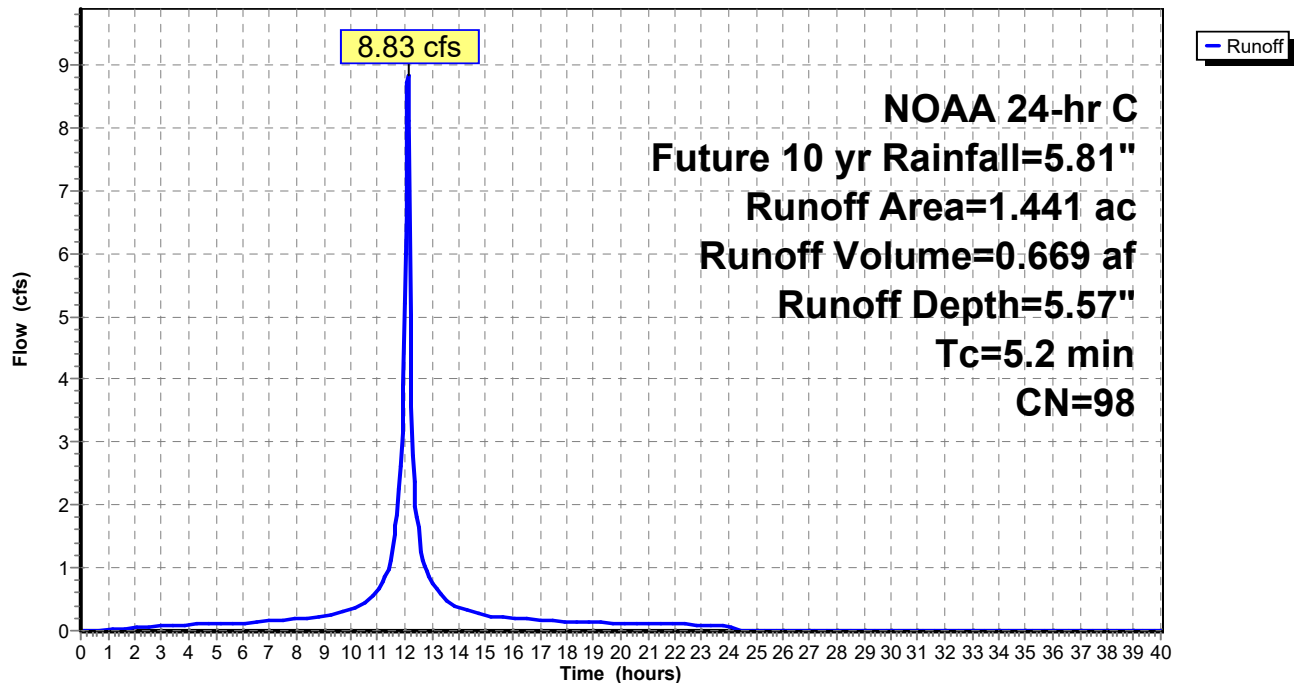
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.394	98	Pavement, HSG C
* 1.045	98	Roof, HSG C
* 0.002	98	Concrete, HSG C
1.441	98	Weighted Average
1.441		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.2					Direct Entry,

Subcatchment 45I: PDA-45 (impervious)

Hydrograph



Hydrograph for Subcatchment 45I: PDA-45 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.07
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.07
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.07
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.07
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.07
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.07
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.07
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.07
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.08
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.08
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.08
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.08
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.08
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.08
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.08
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.08
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.08
0.85	0.05	0.00	0.01	3.45	0.24	0.10	0.08
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.09
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.09
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.09
1.05	0.07	0.00	0.02	3.65	0.26	0.11	0.09
1.10	0.07	0.00	0.02	3.70	0.26	0.11	0.09
1.15	0.07	0.00	0.02	3.75	0.26	0.12	0.09
1.20	0.08	0.01	0.02	3.80	0.27	0.12	0.09
1.25	0.08	0.01	0.03	3.85	0.27	0.12	0.09
1.30	0.08	0.01	0.03	3.90	0.28	0.13	0.09
1.35	0.09	0.01	0.03	3.95	0.28	0.13	0.09
1.40	0.09	0.01	0.03	4.00	0.28	0.13	0.09
1.45	0.09	0.01	0.03	4.05	0.29	0.14	0.09
1.50	0.10	0.01	0.04	4.10	0.29	0.14	0.09
1.55	0.10	0.01	0.04	4.15	0.30	0.14	0.10
1.60	0.10	0.01	0.04	4.20	0.30	0.15	0.10
1.65	0.11	0.02	0.04	4.25	0.31	0.15	0.10
1.70	0.11	0.02	0.04	4.30	0.31	0.15	0.10
1.75	0.11	0.02	0.04	4.35	0.31	0.16	0.10
1.80	0.12	0.02	0.05	4.40	0.32	0.16	0.10
1.85	0.12	0.02	0.05	4.45	0.32	0.16	0.10
1.90	0.12	0.02	0.05	4.50	0.33	0.17	0.10
1.95	0.13	0.03	0.05	4.55	0.33	0.17	0.10
2.00	0.13	0.03	0.05	4.60	0.33	0.17	0.10
2.05	0.13	0.03	0.05	4.65	0.34	0.18	0.10
2.10	0.14	0.03	0.05	4.70	0.34	0.18	0.10
2.15	0.14	0.03	0.06	4.75	0.35	0.18	0.10
2.20	0.15	0.04	0.06	4.80	0.35	0.19	0.11
2.25	0.15	0.04	0.06	4.85	0.36	0.19	0.11
2.30	0.15	0.04	0.06	4.90	0.36	0.20	0.11
2.35	0.16	0.04	0.06	4.95	0.37	0.20	0.11
2.40	0.16	0.04	0.06	5.00	0.37	0.20	0.11
2.45	0.16	0.05	0.06	5.05	0.37	0.21	0.11
2.50	0.17	0.05	0.06	5.10	0.38	0.21	0.11
2.55	0.17	0.05	0.07	5.15	0.38	0.21	0.11

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.11	7.80	0.67	0.47	0.18
5.25	0.39	0.22	0.11	7.85	0.68	0.48	0.18
5.30	0.40	0.23	0.11	7.90	0.68	0.49	0.19
5.35	0.40	0.23	0.11	7.95	0.69	0.49	0.19
5.40	0.41	0.23	0.11	8.00	0.70	0.50	0.19
5.45	0.41	0.24	0.11	8.05	0.70	0.51	0.19
5.50	0.41	0.24	0.11	8.10	0.71	0.51	0.19
5.55	0.42	0.25	0.12	8.15	0.72	0.52	0.20
5.60	0.42	0.25	0.12	8.20	0.72	0.53	0.20
5.65	0.43	0.25	0.12	8.25	0.73	0.53	0.20
5.70	0.43	0.26	0.12	8.30	0.74	0.54	0.20
5.75	0.44	0.26	0.12	8.35	0.75	0.55	0.20
5.80	0.44	0.27	0.12	8.40	0.75	0.55	0.20
5.85	0.45	0.27	0.12	8.45	0.76	0.56	0.21
5.90	0.45	0.27	0.12	8.50	0.77	0.57	0.21
5.95	0.46	0.28	0.12	8.55	0.78	0.58	0.21
6.00	0.46	0.28	0.12	8.60	0.78	0.58	0.21
6.05	0.47	0.29	0.12	8.65	0.79	0.59	0.21
6.10	0.47	0.29	0.12	8.70	0.80	0.60	0.22
6.15	0.47	0.30	0.13	8.75	0.81	0.61	0.22
6.20	0.48	0.30	0.13	8.80	0.82	0.61	0.22
6.25	0.48	0.30	0.13	8.85	0.82	0.62	0.22
6.30	0.49	0.31	0.13	8.90	0.83	0.63	0.22
6.35	0.50	0.31	0.13	8.95	0.84	0.64	0.22
6.40	0.50	0.32	0.13	9.00	0.85	0.64	0.23
6.45	0.51	0.32	0.14	9.05	0.86	0.65	0.23
6.50	0.51	0.33	0.14	9.10	0.87	0.66	0.24
6.55	0.52	0.33	0.14	9.15	0.87	0.67	0.24
6.60	0.52	0.34	0.14	9.20	0.88	0.68	0.25
6.65	0.53	0.34	0.14	9.25	0.89	0.69	0.25
6.70	0.53	0.35	0.14	9.30	0.90	0.70	0.26
6.75	0.54	0.35	0.15	9.35	0.91	0.71	0.27
6.80	0.54	0.36	0.15	9.40	0.92	0.72	0.27
6.85	0.55	0.36	0.15	9.45	0.93	0.73	0.28
6.90	0.56	0.37	0.15	9.50	0.94	0.74	0.29
6.95	0.56	0.37	0.15	9.55	0.95	0.75	0.29
7.00	0.57	0.38	0.16	9.60	0.96	0.76	0.30
7.05	0.57	0.38	0.16	9.65	0.98	0.77	0.30
7.10	0.58	0.39	0.16	9.70	0.99	0.78	0.31
7.15	0.58	0.40	0.16	9.75	1.00	0.79	0.32
7.20	0.59	0.40	0.16	9.80	1.01	0.80	0.32
7.25	0.60	0.41	0.16	9.85	1.02	0.81	0.33
7.30	0.60	0.41	0.17	9.90	1.03	0.82	0.34
7.35	0.61	0.42	0.17	9.95	1.05	0.84	0.34
7.40	0.62	0.42	0.17	10.00	1.06	0.85	0.35
7.45	0.62	0.43	0.17	10.05	1.07	0.86	0.35
7.50	0.63	0.44	0.17	10.10	1.09	0.87	0.36
7.55	0.64	0.44	0.17	10.15	1.10	0.89	0.37
7.60	0.64	0.45	0.18	10.20	1.11	0.90	0.38
7.65	0.65	0.45	0.18	10.25	1.13	0.91	0.38
7.70	0.65	0.46	0.18	10.30	1.14	0.93	0.39
7.75	0.66	0.47	0.18	10.35	1.15	0.94	0.39

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.40	13.00	4.42	4.18	0.78
10.45	1.18	0.97	0.41	13.05	4.44	4.20	0.74
10.50	1.20	0.98	0.41	13.10	4.46	4.23	0.69
10.55	1.21	1.00	0.43	13.15	4.48	4.25	0.66
10.60	1.23	1.02	0.45	13.20	4.50	4.27	0.63
10.65	1.25	1.03	0.47	13.25	4.52	4.29	0.61
10.70	1.27	1.05	0.50	13.30	4.54	4.31	0.58
10.75	1.29	1.07	0.52	13.35	4.56	4.33	0.56
10.80	1.31	1.09	0.55	13.40	4.58	4.34	0.54
10.85	1.33	1.11	0.57	13.45	4.60	4.36	0.51
10.90	1.35	1.13	0.60	13.50	4.61	4.38	0.49
10.95	1.37	1.15	0.62	13.55	4.63	4.39	0.47
11.00	1.39	1.18	0.64	13.60	4.64	4.41	0.44
11.05	1.42	1.20	0.67	13.65	4.66	4.42	0.43
11.10	1.45	1.23	0.72	13.70	4.67	4.43	0.42
11.15	1.48	1.26	0.76	13.75	4.68	4.45	0.41
11.20	1.51	1.29	0.81	13.80	4.70	4.46	0.40
11.25	1.54	1.32	0.85	13.85	4.71	4.48	0.40
11.30	1.57	1.35	0.90	13.90	4.72	4.49	0.39
11.35	1.61	1.38	0.94	13.95	4.74	4.50	0.39
11.40	1.64	1.42	0.99	14.00	4.75	4.51	0.38
11.45	1.68	1.46	1.03	14.05	4.76	4.53	0.37
11.50	1.72	1.49	1.07	14.10	4.78	4.54	0.37
11.55	1.78	1.55	1.22	14.15	4.79	4.55	0.36
11.60	1.83	1.61	1.53	14.20	4.80	4.56	0.35
11.65	1.90	1.67	1.67	14.25	4.81	4.57	0.35
11.70	1.96	1.73	1.75	14.30	4.82	4.59	0.34
11.75	2.04	1.82	1.92	14.35	4.83	4.60	0.34
11.80	2.13	1.90	2.27	14.40	4.85	4.61	0.33
11.85	2.25	2.02	2.62	14.45	4.86	4.62	0.32
11.90	2.36	2.13	3.15	14.50	4.87	4.63	0.32
11.95	2.57	2.34	3.90	14.55	4.88	4.64	0.31
12.00	2.77	2.54	5.22	14.60	4.89	4.65	0.30
12.05	3.11	2.88	6.62	14.65	4.90	4.66	0.30
12.10	3.45	3.21	8.73	14.70	4.91	4.67	0.29
12.15	3.56	3.33	8.10	14.75	4.92	4.68	0.28
12.20	3.68	3.45	5.01	14.80	4.93	4.69	0.28
12.25	3.77	3.53	3.58	14.85	4.94	4.70	0.27
12.30	3.85	3.62	2.79	14.90	4.94	4.71	0.26
12.35	3.91	3.68	2.38	14.95	4.95	4.72	0.26
12.40	3.98	3.74	1.98	15.00	4.96	4.72	0.25
12.45	4.03	3.80	1.82	15.05	4.97	4.73	0.25
12.50	4.09	3.86	1.73	15.10	4.98	4.74	0.24
12.55	4.13	3.90	1.57	15.15	4.99	4.75	0.24
12.60	4.17	3.93	1.26	15.20	4.99	4.76	0.23
12.65	4.20	3.97	1.12	15.25	5.00	4.76	0.23
12.70	4.24	4.00	1.06	15.30	5.01	4.77	0.23
12.75	4.27	4.04	1.02	15.35	5.02	4.78	0.23
12.80	4.30	4.07	0.96	15.40	5.03	4.79	0.23
12.85	4.33	4.10	0.92	15.45	5.03	4.80	0.23
12.90	4.36	4.13	0.87	15.50	5.04	4.80	0.22
12.95	4.39	4.15	0.83	15.55	5.05	4.81	0.22

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.22	18.20	5.37	5.13	0.14
15.65	5.06	4.83	0.22	18.25	5.37	5.14	0.13
15.70	5.07	4.83	0.22	18.30	5.38	5.14	0.13
15.75	5.08	4.84	0.22	18.35	5.38	5.14	0.13
15.80	5.09	4.85	0.21	18.40	5.39	5.15	0.13
15.85	5.09	4.86	0.21	18.45	5.39	5.15	0.13
15.90	5.10	4.86	0.21	18.50	5.40	5.16	0.13
15.95	5.11	4.87	0.21	18.55	5.40	5.16	0.13
16.00	5.11	4.88	0.21	18.60	5.40	5.17	0.13
16.05	5.12	4.88	0.21	18.65	5.41	5.17	0.13
16.10	5.13	4.89	0.20	18.70	5.41	5.18	0.13
16.15	5.13	4.90	0.20	18.75	5.42	5.18	0.13
16.20	5.14	4.90	0.20	18.80	5.42	5.19	0.13
16.25	5.15	4.91	0.20	18.85	5.43	5.19	0.13
16.30	5.16	4.92	0.20	18.90	5.43	5.19	0.13
16.35	5.16	4.92	0.20	18.95	5.44	5.20	0.13
16.40	5.17	4.93	0.19	19.00	5.44	5.20	0.13
16.45	5.17	4.94	0.19	19.05	5.44	5.21	0.13
16.50	5.18	4.94	0.19	19.10	5.45	5.21	0.13
16.55	5.19	4.95	0.19	19.15	5.45	5.22	0.13
16.60	5.19	4.96	0.19	19.20	5.46	5.22	0.13
16.65	5.20	4.96	0.19	19.25	5.46	5.22	0.13
16.70	5.21	4.97	0.18	19.30	5.47	5.23	0.13
16.75	5.21	4.98	0.18	19.35	5.47	5.23	0.13
16.80	5.22	4.98	0.18	19.40	5.48	5.24	0.13
16.85	5.23	4.99	0.18	19.45	5.48	5.24	0.12
16.90	5.23	4.99	0.18	19.50	5.48	5.25	0.12
16.95	5.24	5.00	0.18	19.55	5.49	5.25	0.12
17.00	5.24	5.01	0.17	19.60	5.49	5.25	0.12
17.05	5.25	5.01	0.17	19.65	5.50	5.26	0.12
17.10	5.25	5.02	0.17	19.70	5.50	5.26	0.12
17.15	5.26	5.02	0.17	19.75	5.50	5.27	0.12
17.20	5.27	5.03	0.17	19.80	5.51	5.27	0.12
17.25	5.27	5.03	0.17	19.85	5.51	5.28	0.12
17.30	5.28	5.04	0.16	19.90	5.52	5.28	0.12
17.35	5.28	5.05	0.16	19.95	5.52	5.28	0.12
17.40	5.29	5.05	0.16	20.00	5.53	5.29	0.12
17.45	5.29	5.06	0.16	20.05	5.53	5.29	0.12
17.50	5.30	5.06	0.16	20.10	5.53	5.30	0.12
17.55	5.30	5.07	0.16	20.15	5.54	5.30	0.12
17.60	5.31	5.07	0.15	20.20	5.54	5.30	0.12
17.65	5.31	5.08	0.15	20.25	5.55	5.31	0.12
17.70	5.32	5.08	0.15	20.30	5.55	5.31	0.12
17.75	5.33	5.09	0.15	20.35	5.55	5.32	0.12
17.80	5.33	5.09	0.15	20.40	5.56	5.32	0.12
17.85	5.34	5.10	0.15	20.45	5.56	5.32	0.12
17.90	5.34	5.10	0.14	20.50	5.57	5.33	0.12
17.95	5.34	5.11	0.14	20.55	5.57	5.33	0.12
18.00	5.35	5.11	0.14	20.60	5.57	5.34	0.12
18.05	5.35	5.12	0.14	20.65	5.58	5.34	0.12
18.10	5.36	5.12	0.14	20.70	5.58	5.34	0.11
18.15	5.36	5.13	0.14	20.75	5.59	5.35	0.11

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.11	23.40	5.77	5.53	0.09
20.85	5.59	5.36	0.11	23.45	5.78	5.54	0.09
20.90	5.60	5.36	0.11	23.50	5.78	5.54	0.09
20.95	5.60	5.36	0.11	23.55	5.78	5.54	0.09
21.00	5.61	5.37	0.11	23.60	5.78	5.55	0.09
21.05	5.61	5.37	0.11	23.65	5.79	5.55	0.09
21.10	5.61	5.37	0.11	23.70	5.79	5.55	0.09
21.15	5.62	5.38	0.11	23.75	5.79	5.56	0.09
21.20	5.62	5.38	0.11	23.80	5.80	5.56	0.09
21.25	5.62	5.39	0.11	23.85	5.80	5.56	0.09
21.30	5.63	5.39	0.11	23.90	5.80	5.56	0.09
21.35	5.63	5.39	0.11	23.95	5.81	5.57	0.09
21.40	5.64	5.40	0.11	24.00	5.81	5.57	0.10
21.45	5.64	5.40	0.11	24.05	5.81	5.57	0.08
21.50	5.64	5.40	0.11	24.10	5.81	5.57	0.03
21.55	5.65	5.41	0.11	24.15	5.81	5.57	0.01
21.60	5.65	5.41	0.11	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.11	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.11	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.11	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.11	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.11	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.10	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.10	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.10	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.10	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.10	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.10	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.10	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.10	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.10	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.10	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.10	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.10	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.10	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.10	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.10	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.10	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.10	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.10	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.10	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.10	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.10	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.10	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.10	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.09	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.09	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.09	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.09	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.09	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.09	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.09	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 45P: PDA-45 (pervious)

Runoff = 3.67 cfs @ 12.10 hrs, Volume= 0.215 af, Depth= 3.03"
 Routed to Pond B-45 : Basin #45

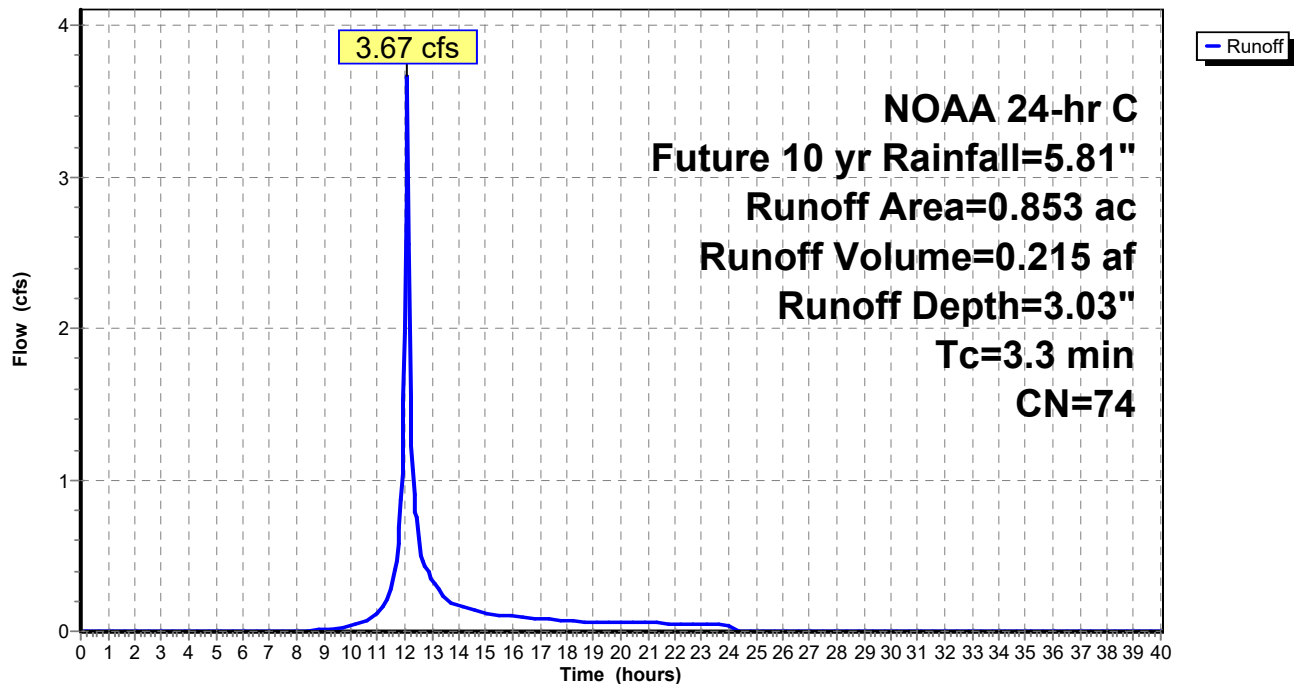
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.853	74	>75% Grass cover, Good, HSG C
0.853		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.3					Direct Entry,

Subcatchment 45P: PDA-45 (pervious)

Hydrograph



Hydrograph for Subcatchment 45P: PDA-45 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.02
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.02
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.02
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.02
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.02
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.02
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.03
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.03
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.03
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.03
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.03
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.03
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.03
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.04
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.04
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.04
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.04
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.04
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.05
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.05
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.05

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.05	13.00	4.42	1.91	0.34
10.45	1.18	0.06	0.05	13.05	4.44	1.93	0.32
10.50	1.20	0.06	0.06	13.10	4.46	1.94	0.31
10.55	1.21	0.06	0.06	13.15	4.48	1.96	0.29
10.60	1.23	0.07	0.07	13.20	4.50	1.98	0.28
10.65	1.25	0.07	0.07	13.25	4.52	1.99	0.27
10.70	1.27	0.08	0.08	13.30	4.54	2.01	0.26
10.75	1.29	0.08	0.08	13.35	4.56	2.02	0.25
10.80	1.31	0.09	0.09	13.40	4.58	2.03	0.24
10.85	1.33	0.09	0.10	13.45	4.60	2.05	0.23
10.90	1.35	0.10	0.10	13.50	4.61	2.06	0.22
10.95	1.37	0.11	0.11	13.55	4.63	2.07	0.21
11.00	1.39	0.11	0.12	13.60	4.64	2.08	0.20
11.05	1.42	0.12	0.13	13.65	4.66	2.09	0.19
11.10	1.45	0.13	0.14	13.70	4.67	2.10	0.19
11.15	1.48	0.14	0.15	13.75	4.68	2.12	0.19
11.20	1.51	0.15	0.16	13.80	4.70	2.13	0.19
11.25	1.54	0.16	0.18	13.85	4.71	2.14	0.18
11.30	1.57	0.17	0.19	13.90	4.72	2.15	0.18
11.35	1.61	0.18	0.21	13.95	4.74	2.16	0.18
11.40	1.64	0.20	0.22	14.00	4.75	2.17	0.17
11.45	1.68	0.21	0.24	14.05	4.76	2.18	0.17
11.50	1.72	0.23	0.25	14.10	4.78	2.19	0.17
11.55	1.78	0.25	0.34	14.15	4.79	2.20	0.17
11.60	1.83	0.28	0.41	14.20	4.80	2.21	0.16
11.65	1.90	0.30	0.44	14.25	4.81	2.21	0.16
11.70	1.96	0.33	0.47	14.30	4.82	2.22	0.16
11.75	2.04	0.37	0.58	14.35	4.83	2.23	0.15
11.80	2.13	0.41	0.69	14.40	4.85	2.24	0.15
11.85	2.25	0.47	0.87	14.45	4.86	2.25	0.15
11.90	2.36	0.53	1.04	14.50	4.87	2.26	0.15
11.95	2.57	0.65	1.52	14.55	4.88	2.27	0.14
12.00	2.77	0.77	1.97	14.60	4.89	2.27	0.14
12.05	3.11	0.98	2.88	14.65	4.90	2.28	0.14
12.10	3.45	1.20	3.66	14.70	4.91	2.29	0.13
12.15	3.56	1.28	2.56	14.75	4.92	2.30	0.13
12.20	3.68	1.37	1.55	14.80	4.93	2.31	0.13
12.25	3.77	1.43	1.23	14.85	4.94	2.31	0.13
12.30	3.85	1.49	1.06	14.90	4.94	2.32	0.12
12.35	3.91	1.53	0.90	14.95	4.95	2.33	0.12
12.40	3.98	1.58	0.79	15.00	4.96	2.33	0.12
12.45	4.03	1.62	0.76	15.05	4.97	2.34	0.11
12.50	4.09	1.67	0.74	15.10	4.98	2.35	0.11
12.55	4.13	1.69	0.61	15.15	4.99	2.35	0.11
12.60	4.17	1.72	0.50	15.20	4.99	2.36	0.11
12.65	4.20	1.75	0.47	15.25	5.00	2.37	0.11
12.70	4.24	1.77	0.46	15.30	5.01	2.37	0.11
12.75	4.27	1.80	0.44	15.35	5.02	2.38	0.11
12.80	4.30	1.82	0.42	15.40	5.03	2.38	0.11
12.85	4.33	1.85	0.40	15.45	5.03	2.39	0.11
12.90	4.36	1.87	0.38	15.50	5.04	2.40	0.11
12.95	4.39	1.89	0.36	15.55	5.05	2.40	0.10

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.10	18.20	5.37	2.66	0.07
15.65	5.06	2.41	0.10	18.25	5.37	2.67	0.06
15.70	5.07	2.42	0.10	18.30	5.38	2.67	0.06
15.75	5.08	2.43	0.10	18.35	5.38	2.67	0.06
15.80	5.09	2.43	0.10	18.40	5.39	2.68	0.06
15.85	5.09	2.44	0.10	18.45	5.39	2.68	0.06
15.90	5.10	2.44	0.10	18.50	5.40	2.68	0.06
15.95	5.11	2.45	0.10	18.55	5.40	2.69	0.06
16.00	5.11	2.46	0.10	18.60	5.40	2.69	0.06
16.05	5.12	2.46	0.10	18.65	5.41	2.69	0.06
16.10	5.13	2.47	0.10	18.70	5.41	2.70	0.06
16.15	5.13	2.47	0.10	18.75	5.42	2.70	0.06
16.20	5.14	2.48	0.10	18.80	5.42	2.71	0.06
16.25	5.15	2.48	0.09	18.85	5.43	2.71	0.06
16.30	5.16	2.49	0.09	18.90	5.43	2.71	0.06
16.35	5.16	2.49	0.09	18.95	5.44	2.72	0.06
16.40	5.17	2.50	0.09	19.00	5.44	2.72	0.06
16.45	5.17	2.50	0.09	19.05	5.44	2.72	0.06
16.50	5.18	2.51	0.09	19.10	5.45	2.73	0.06
16.55	5.19	2.52	0.09	19.15	5.45	2.73	0.06
16.60	5.19	2.52	0.09	19.20	5.46	2.73	0.06
16.65	5.20	2.53	0.09	19.25	5.46	2.74	0.06
16.70	5.21	2.53	0.09	19.30	5.47	2.74	0.06
16.75	5.21	2.54	0.09	19.35	5.47	2.75	0.06
16.80	5.22	2.54	0.09	19.40	5.48	2.75	0.06
16.85	5.23	2.55	0.09	19.45	5.48	2.75	0.06
16.90	5.23	2.55	0.08	19.50	5.48	2.76	0.06
16.95	5.24	2.55	0.08	19.55	5.49	2.76	0.06
17.00	5.24	2.56	0.08	19.60	5.49	2.76	0.06
17.05	5.25	2.56	0.08	19.65	5.50	2.77	0.06
17.10	5.25	2.57	0.08	19.70	5.50	2.77	0.06
17.15	5.26	2.57	0.08	19.75	5.50	2.77	0.06
17.20	5.27	2.58	0.08	19.80	5.51	2.78	0.06
17.25	5.27	2.58	0.08	19.85	5.51	2.78	0.06
17.30	5.28	2.59	0.08	19.90	5.52	2.78	0.06
17.35	5.28	2.59	0.08	19.95	5.52	2.79	0.06
17.40	5.29	2.60	0.08	20.00	5.53	2.79	0.06
17.45	5.29	2.60	0.08	20.05	5.53	2.79	0.06
17.50	5.30	2.61	0.08	20.10	5.53	2.80	0.06
17.55	5.30	2.61	0.07	20.15	5.54	2.80	0.06
17.60	5.31	2.61	0.07	20.20	5.54	2.80	0.06
17.65	5.31	2.62	0.07	20.25	5.55	2.81	0.06
17.70	5.32	2.62	0.07	20.30	5.55	2.81	0.06
17.75	5.33	2.63	0.07	20.35	5.55	2.81	0.06
17.80	5.33	2.63	0.07	20.40	5.56	2.82	0.06
17.85	5.34	2.63	0.07	20.45	5.56	2.82	0.06
17.90	5.34	2.64	0.07	20.50	5.57	2.82	0.06
17.95	5.34	2.64	0.07	20.55	5.57	2.83	0.06
18.00	5.35	2.65	0.07	20.60	5.57	2.83	0.06
18.05	5.35	2.65	0.07	20.65	5.58	2.83	0.06
18.10	5.36	2.65	0.07	20.70	5.58	2.84	0.06
18.15	5.36	2.66	0.07	20.75	5.59	2.84	0.06

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.06	23.40	5.77	2.99	0.05
20.85	5.59	2.85	0.06	23.45	5.78	3.00	0.04
20.90	5.60	2.85	0.05	23.50	5.78	3.00	0.04
20.95	5.60	2.85	0.05	23.55	5.78	3.00	0.04
21.00	5.61	2.86	0.05	23.60	5.78	3.00	0.04
21.05	5.61	2.86	0.05	23.65	5.79	3.01	0.04
21.10	5.61	2.86	0.05	23.70	5.79	3.01	0.04
21.15	5.62	2.87	0.05	23.75	5.79	3.01	0.04
21.20	5.62	2.87	0.05	23.80	5.80	3.01	0.04
21.25	5.62	2.87	0.05	23.85	5.80	3.02	0.04
21.30	5.63	2.87	0.05	23.90	5.80	3.02	0.04
21.35	5.63	2.88	0.05	23.95	5.81	3.02	0.05
21.40	5.64	2.88	0.05	24.00	5.81	3.03	0.05
21.45	5.64	2.88	0.05	24.05	5.81	3.03	0.03
21.50	5.64	2.89	0.05	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.05	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.05	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.05	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.05	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.05	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.05	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.05	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.05	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.05	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.05	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.05	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.05	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.05	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.05	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.05	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.05	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.05	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.05	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.05	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.05	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.05	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.05	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.05	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.05	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.05	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.05	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.05	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.05	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.05	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.05	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.05	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.05	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.05	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.05	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.05	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.05	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.05	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 46BP: PDA-46B (pervious)

Runoff = 1.76 cfs @ 12.12 hrs, Volume= 0.114 af, Depth= 3.03"
 Routed to Pond B-46B : Basin #46B

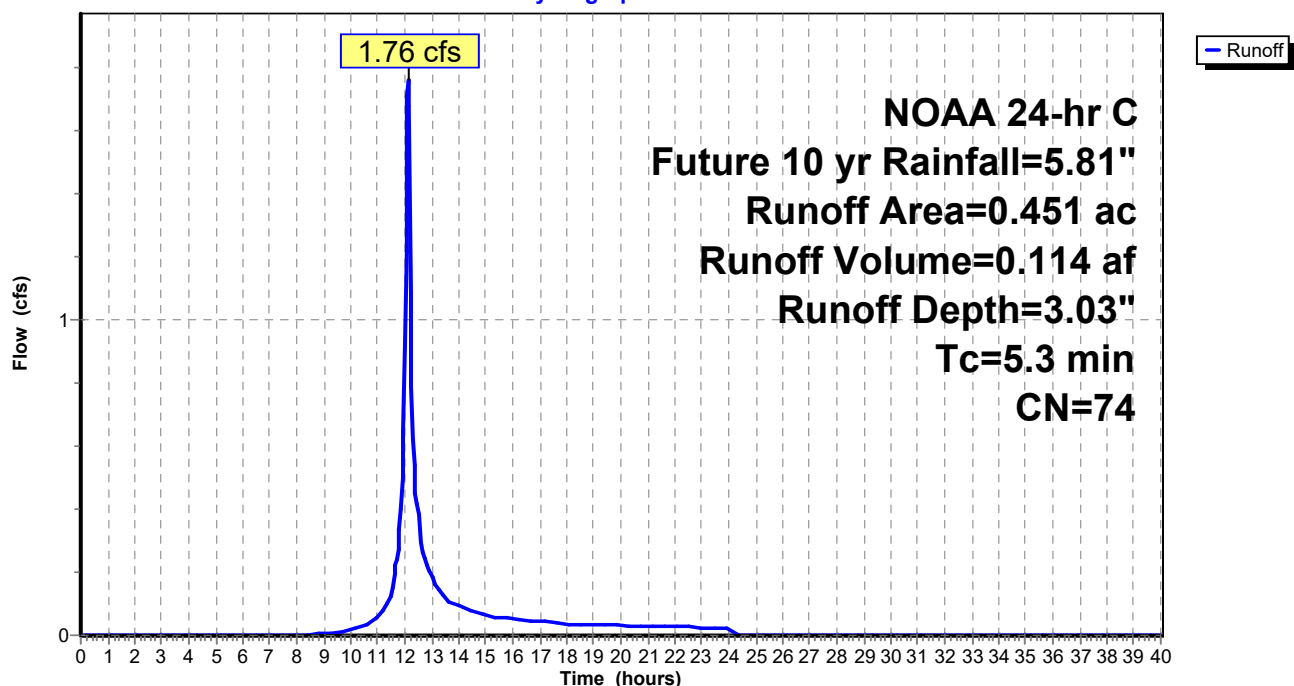
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
0.451	74	>75% Grass cover, Good, HSG C
0.451		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.3					Direct Entry,

Subcatchment 46BP: PDA-46B (pervious)

Hydrograph



Hydrograph for Subcatchment 46BP: PDA-46B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.00
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.00
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.00
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.00
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.00
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.01
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.01
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.01
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.01
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.01
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.01
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.01
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.01
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.01
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.01
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.01
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.01
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.01
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.01
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.01
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.01
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.02
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.02
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.02
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.02
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.02
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.02
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.02
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.02
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.02
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.02
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.02
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.03

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.03	13.00	4.42	1.91	0.19
10.45	1.18	0.06	0.03	13.05	4.44	1.93	0.18
10.50	1.20	0.06	0.03	13.10	4.46	1.94	0.17
10.55	1.21	0.06	0.03	13.15	4.48	1.96	0.16
10.60	1.23	0.07	0.03	13.20	4.50	1.98	0.15
10.65	1.25	0.07	0.04	13.25	4.52	1.99	0.15
10.70	1.27	0.08	0.04	13.30	4.54	2.01	0.14
10.75	1.29	0.08	0.04	13.35	4.56	2.02	0.14
10.80	1.31	0.09	0.05	13.40	4.58	2.03	0.13
10.85	1.33	0.09	0.05	13.45	4.60	2.05	0.12
10.90	1.35	0.10	0.05	13.50	4.61	2.06	0.12
10.95	1.37	0.11	0.06	13.55	4.63	2.07	0.11
11.00	1.39	0.11	0.06	13.60	4.64	2.08	0.11
11.05	1.42	0.12	0.06	13.65	4.66	2.09	0.10
11.10	1.45	0.13	0.07	13.70	4.67	2.10	0.10
11.15	1.48	0.14	0.08	13.75	4.68	2.12	0.10
11.20	1.51	0.15	0.08	13.80	4.70	2.13	0.10
11.25	1.54	0.16	0.09	13.85	4.71	2.14	0.10
11.30	1.57	0.17	0.10	13.90	4.72	2.15	0.10
11.35	1.61	0.18	0.10	13.95	4.74	2.16	0.09
11.40	1.64	0.20	0.11	14.00	4.75	2.17	0.09
11.45	1.68	0.21	0.12	14.05	4.76	2.18	0.09
11.50	1.72	0.23	0.13	14.10	4.78	2.19	0.09
11.55	1.78	0.25	0.15	14.15	4.79	2.20	0.09
11.60	1.83	0.28	0.20	14.20	4.80	2.21	0.09
11.65	1.90	0.30	0.22	14.25	4.81	2.21	0.09
11.70	1.96	0.33	0.24	14.30	4.82	2.22	0.08
11.75	2.04	0.37	0.27	14.35	4.83	2.23	0.08
11.80	2.13	0.41	0.33	14.40	4.85	2.24	0.08
11.85	2.25	0.47	0.40	14.45	4.86	2.25	0.08
11.90	2.36	0.53	0.50	14.50	4.87	2.26	0.08
11.95	2.57	0.65	0.65	14.55	4.88	2.27	0.08
12.00	2.77	0.77	0.91	14.60	4.89	2.27	0.08
12.05	3.11	0.98	1.22	14.65	4.90	2.28	0.07
12.10	3.45	1.20	1.71	14.70	4.91	2.29	0.07
12.15	3.56	1.28	1.68	14.75	4.92	2.30	0.07
12.20	3.68	1.37	1.08	14.80	4.93	2.31	0.07
12.25	3.77	1.43	0.79	14.85	4.94	2.31	0.07
12.30	3.85	1.49	0.62	14.90	4.94	2.32	0.07
12.35	3.91	1.53	0.54	14.95	4.95	2.33	0.06
12.40	3.98	1.58	0.45	15.00	4.96	2.33	0.06
12.45	4.03	1.62	0.42	15.05	4.97	2.34	0.06
12.50	4.09	1.67	0.40	15.10	4.98	2.35	0.06
12.55	4.13	1.69	0.37	15.15	4.99	2.35	0.06
12.60	4.17	1.72	0.29	15.20	4.99	2.36	0.06
12.65	4.20	1.75	0.26	15.25	5.00	2.37	0.06
12.70	4.24	1.77	0.25	15.30	5.01	2.37	0.06
12.75	4.27	1.80	0.24	15.35	5.02	2.38	0.06
12.80	4.30	1.82	0.23	15.40	5.03	2.38	0.06
12.85	4.33	1.85	0.22	15.45	5.03	2.39	0.06
12.90	4.36	1.87	0.21	15.50	5.04	2.40	0.06
12.95	4.39	1.89	0.20	15.55	5.05	2.40	0.06

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.06	18.20	5.37	2.66	0.03
15.65	5.06	2.41	0.05	18.25	5.37	2.67	0.03
15.70	5.07	2.42	0.05	18.30	5.38	2.67	0.03
15.75	5.08	2.43	0.05	18.35	5.38	2.67	0.03
15.80	5.09	2.43	0.05	18.40	5.39	2.68	0.03
15.85	5.09	2.44	0.05	18.45	5.39	2.68	0.03
15.90	5.10	2.44	0.05	18.50	5.40	2.68	0.03
15.95	5.11	2.45	0.05	18.55	5.40	2.69	0.03
16.00	5.11	2.46	0.05	18.60	5.40	2.69	0.03
16.05	5.12	2.46	0.05	18.65	5.41	2.69	0.03
16.10	5.13	2.47	0.05	18.70	5.41	2.70	0.03
16.15	5.13	2.47	0.05	18.75	5.42	2.70	0.03
16.20	5.14	2.48	0.05	18.80	5.42	2.71	0.03
16.25	5.15	2.48	0.05	18.85	5.43	2.71	0.03
16.30	5.16	2.49	0.05	18.90	5.43	2.71	0.03
16.35	5.16	2.49	0.05	18.95	5.44	2.72	0.03
16.40	5.17	2.50	0.05	19.00	5.44	2.72	0.03
16.45	5.17	2.50	0.05	19.05	5.44	2.72	0.03
16.50	5.18	2.51	0.05	19.10	5.45	2.73	0.03
16.55	5.19	2.52	0.05	19.15	5.45	2.73	0.03
16.60	5.19	2.52	0.05	19.20	5.46	2.73	0.03
16.65	5.20	2.53	0.05	19.25	5.46	2.74	0.03
16.70	5.21	2.53	0.05	19.30	5.47	2.74	0.03
16.75	5.21	2.54	0.05	19.35	5.47	2.75	0.03
16.80	5.22	2.54	0.05	19.40	5.48	2.75	0.03
16.85	5.23	2.55	0.05	19.45	5.48	2.75	0.03
16.90	5.23	2.55	0.04	19.50	5.48	2.76	0.03
16.95	5.24	2.55	0.04	19.55	5.49	2.76	0.03
17.00	5.24	2.56	0.04	19.60	5.49	2.76	0.03
17.05	5.25	2.56	0.04	19.65	5.50	2.77	0.03
17.10	5.25	2.57	0.04	19.70	5.50	2.77	0.03
17.15	5.26	2.57	0.04	19.75	5.50	2.77	0.03
17.20	5.27	2.58	0.04	19.80	5.51	2.78	0.03
17.25	5.27	2.58	0.04	19.85	5.51	2.78	0.03
17.30	5.28	2.59	0.04	19.90	5.52	2.78	0.03
17.35	5.28	2.59	0.04	19.95	5.52	2.79	0.03
17.40	5.29	2.60	0.04	20.00	5.53	2.79	0.03
17.45	5.29	2.60	0.04	20.05	5.53	2.79	0.03
17.50	5.30	2.61	0.04	20.10	5.53	2.80	0.03
17.55	5.30	2.61	0.04	20.15	5.54	2.80	0.03
17.60	5.31	2.61	0.04	20.20	5.54	2.80	0.03
17.65	5.31	2.62	0.04	20.25	5.55	2.81	0.03
17.70	5.32	2.62	0.04	20.30	5.55	2.81	0.03
17.75	5.33	2.63	0.04	20.35	5.55	2.81	0.03
17.80	5.33	2.63	0.04	20.40	5.56	2.82	0.03
17.85	5.34	2.63	0.04	20.45	5.56	2.82	0.03
17.90	5.34	2.64	0.04	20.50	5.57	2.82	0.03
17.95	5.34	2.64	0.04	20.55	5.57	2.83	0.03
18.00	5.35	2.65	0.04	20.60	5.57	2.83	0.03
18.05	5.35	2.65	0.04	20.65	5.58	2.83	0.03
18.10	5.36	2.65	0.03	20.70	5.58	2.84	0.03
18.15	5.36	2.66	0.03	20.75	5.59	2.84	0.03

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.03	23.40	5.77	2.99	0.02
20.85	5.59	2.85	0.03	23.45	5.78	3.00	0.02
20.90	5.60	2.85	0.03	23.50	5.78	3.00	0.02
20.95	5.60	2.85	0.03	23.55	5.78	3.00	0.02
21.00	5.61	2.86	0.03	23.60	5.78	3.00	0.02
21.05	5.61	2.86	0.03	23.65	5.79	3.01	0.02
21.10	5.61	2.86	0.03	23.70	5.79	3.01	0.02
21.15	5.62	2.87	0.03	23.75	5.79	3.01	0.02
21.20	5.62	2.87	0.03	23.80	5.80	3.01	0.02
21.25	5.62	2.87	0.03	23.85	5.80	3.02	0.02
21.30	5.63	2.87	0.03	23.90	5.80	3.02	0.02
21.35	5.63	2.88	0.03	23.95	5.81	3.02	0.02
21.40	5.64	2.88	0.03	24.00	5.81	3.03	0.03
21.45	5.64	2.88	0.03	24.05	5.81	3.03	0.02
21.50	5.64	2.89	0.03	24.10	5.81	3.03	0.01
21.55	5.65	2.89	0.03	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.03	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.03	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.03	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.03	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.03	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.03	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.03	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.03	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.03	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.03	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.03	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.03	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.03	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.03	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.03	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.03	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.03	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.03	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.03	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.03	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.03	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.03	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.03	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.03	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.03	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.02	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.02	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.02	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.02	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.02	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.02	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.02	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.02	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.02	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.02	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.02	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 46I: PDA-46 (impervious)

Runoff = 7.93 cfs @ 12.08 hrs, Volume= 0.533 af, Depth= 5.57"
 Routed to Pond B-46A : Basin #46A

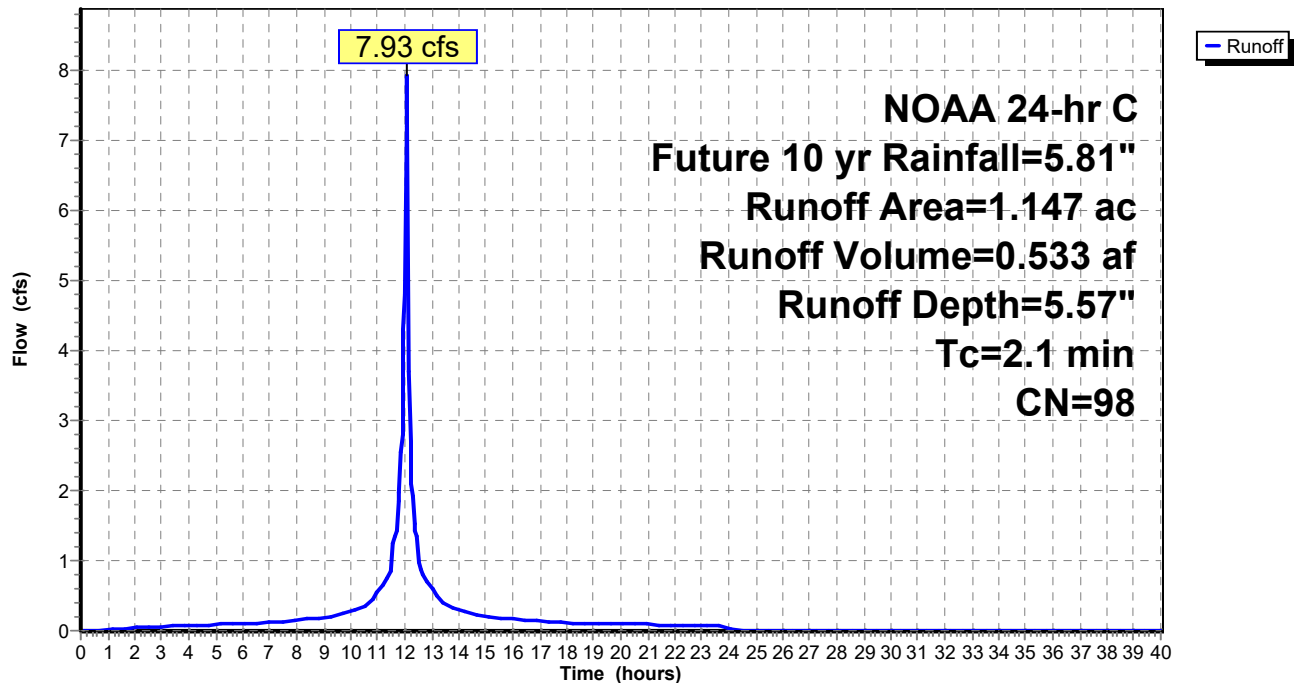
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.430	98	Pavement, HSG C
* 0.653	98	Roof, HSG C
* 0.064	98	Concrete, HSG C
1.147	98	Weighted Average
1.147		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.1					Direct Entry,

Subcatchment 46I: PDA-46 (impervious)

Hydrograph



Hydrograph for Subcatchment 46I: PDA-46 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.05
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.05
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.06
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.06
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.06
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.06
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.06
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.06
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.06
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.06
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.06
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.06
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.06
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.06
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.07
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.07
0.80	0.05	0.00	0.01	3.40	0.24	0.10	0.07
0.85	0.05	0.00	0.01	3.45	0.24	0.10	0.07
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.07
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.07
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.07
1.05	0.07	0.00	0.02	3.65	0.26	0.11	0.07
1.10	0.07	0.00	0.02	3.70	0.26	0.11	0.07
1.15	0.07	0.00	0.02	3.75	0.26	0.12	0.07
1.20	0.08	0.01	0.02	3.80	0.27	0.12	0.07
1.25	0.08	0.01	0.02	3.85	0.27	0.12	0.07
1.30	0.08	0.01	0.02	3.90	0.28	0.13	0.07
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.07
1.40	0.09	0.01	0.03	4.00	0.28	0.13	0.07
1.45	0.09	0.01	0.03	4.05	0.29	0.14	0.08
1.50	0.10	0.01	0.03	4.10	0.29	0.14	0.08
1.55	0.10	0.01	0.03	4.15	0.30	0.14	0.08
1.60	0.10	0.01	0.03	4.20	0.30	0.15	0.08
1.65	0.11	0.02	0.03	4.25	0.31	0.15	0.08
1.70	0.11	0.02	0.03	4.30	0.31	0.15	0.08
1.75	0.11	0.02	0.04	4.35	0.31	0.16	0.08
1.80	0.12	0.02	0.04	4.40	0.32	0.16	0.08
1.85	0.12	0.02	0.04	4.45	0.32	0.16	0.08
1.90	0.12	0.02	0.04	4.50	0.33	0.17	0.08
1.95	0.13	0.03	0.04	4.55	0.33	0.17	0.08
2.00	0.13	0.03	0.04	4.60	0.33	0.17	0.08
2.05	0.13	0.03	0.04	4.65	0.34	0.18	0.08
2.10	0.14	0.03	0.04	4.70	0.34	0.18	0.08
2.15	0.14	0.03	0.05	4.75	0.35	0.18	0.08
2.20	0.15	0.04	0.05	4.80	0.35	0.19	0.08
2.25	0.15	0.04	0.05	4.85	0.36	0.19	0.08
2.30	0.15	0.04	0.05	4.90	0.36	0.20	0.09
2.35	0.16	0.04	0.05	4.95	0.37	0.20	0.09
2.40	0.16	0.04	0.05	5.00	0.37	0.20	0.09
2.45	0.16	0.05	0.05	5.05	0.37	0.21	0.09
2.50	0.17	0.05	0.05	5.10	0.38	0.21	0.09
2.55	0.17	0.05	0.05	5.15	0.38	0.21	0.09

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.09	7.80	0.67	0.47	0.15
5.25	0.39	0.22	0.09	7.85	0.68	0.48	0.15
5.30	0.40	0.23	0.09	7.90	0.68	0.49	0.15
5.35	0.40	0.23	0.09	7.95	0.69	0.49	0.15
5.40	0.41	0.23	0.09	8.00	0.70	0.50	0.15
5.45	0.41	0.24	0.09	8.05	0.70	0.51	0.15
5.50	0.41	0.24	0.09	8.10	0.71	0.51	0.16
5.55	0.42	0.25	0.09	8.15	0.72	0.52	0.16
5.60	0.42	0.25	0.09	8.20	0.72	0.53	0.16
5.65	0.43	0.25	0.09	8.25	0.73	0.53	0.16
5.70	0.43	0.26	0.09	8.30	0.74	0.54	0.16
5.75	0.44	0.26	0.09	8.35	0.75	0.55	0.16
5.80	0.44	0.27	0.09	8.40	0.75	0.55	0.16
5.85	0.45	0.27	0.10	8.45	0.76	0.56	0.17
5.90	0.45	0.27	0.10	8.50	0.77	0.57	0.17
5.95	0.46	0.28	0.10	8.55	0.78	0.58	0.17
6.00	0.46	0.28	0.10	8.60	0.78	0.58	0.17
6.05	0.47	0.29	0.10	8.65	0.79	0.59	0.17
6.10	0.47	0.29	0.10	8.70	0.80	0.60	0.17
6.15	0.47	0.30	0.10	8.75	0.81	0.61	0.17
6.20	0.48	0.30	0.10	8.80	0.82	0.61	0.17
6.25	0.48	0.30	0.10	8.85	0.82	0.62	0.18
6.30	0.49	0.31	0.10	8.90	0.83	0.63	0.18
6.35	0.50	0.31	0.11	8.95	0.84	0.64	0.18
6.40	0.50	0.32	0.11	9.00	0.85	0.64	0.18
6.45	0.51	0.32	0.11	9.05	0.86	0.65	0.19
6.50	0.51	0.33	0.11	9.10	0.87	0.66	0.19
6.55	0.52	0.33	0.11	9.15	0.87	0.67	0.20
6.60	0.52	0.34	0.11	9.20	0.88	0.68	0.20
6.65	0.53	0.34	0.12	9.25	0.89	0.69	0.21
6.70	0.53	0.35	0.12	9.30	0.90	0.70	0.21
6.75	0.54	0.35	0.12	9.35	0.91	0.71	0.22
6.80	0.54	0.36	0.12	9.40	0.92	0.72	0.22
6.85	0.55	0.36	0.12	9.45	0.93	0.73	0.23
6.90	0.56	0.37	0.12	9.50	0.94	0.74	0.23
6.95	0.56	0.37	0.12	9.55	0.95	0.75	0.24
7.00	0.57	0.38	0.12	9.60	0.96	0.76	0.24
7.05	0.57	0.38	0.13	9.65	0.98	0.77	0.25
7.10	0.58	0.39	0.13	9.70	0.99	0.78	0.25
7.15	0.58	0.40	0.13	9.75	1.00	0.79	0.26
7.20	0.59	0.40	0.13	9.80	1.01	0.80	0.26
7.25	0.60	0.41	0.13	9.85	1.02	0.81	0.27
7.30	0.60	0.41	0.13	9.90	1.03	0.82	0.27
7.35	0.61	0.42	0.13	9.95	1.05	0.84	0.28
7.40	0.62	0.42	0.14	10.00	1.06	0.85	0.28
7.45	0.62	0.43	0.14	10.05	1.07	0.86	0.29
7.50	0.63	0.44	0.14	10.10	1.09	0.87	0.29
7.55	0.64	0.44	0.14	10.15	1.10	0.89	0.30
7.60	0.64	0.45	0.14	10.20	1.11	0.90	0.30
7.65	0.65	0.45	0.14	10.25	1.13	0.91	0.31
7.70	0.65	0.46	0.14	10.30	1.14	0.93	0.31
7.75	0.66	0.47	0.15	10.35	1.15	0.94	0.32

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.32	13.00	4.42	4.18	0.60
10.45	1.18	0.97	0.33	13.05	4.44	4.20	0.55
10.50	1.20	0.98	0.33	13.10	4.46	4.23	0.53
10.55	1.21	1.00	0.36	13.15	4.48	4.25	0.50
10.60	1.23	1.02	0.37	13.20	4.50	4.27	0.49
10.65	1.25	1.03	0.40	13.25	4.52	4.29	0.46
10.70	1.27	1.05	0.41	13.30	4.54	4.31	0.45
10.75	1.29	1.07	0.44	13.35	4.56	4.33	0.42
10.80	1.31	1.09	0.45	13.40	4.58	4.34	0.41
10.85	1.33	1.11	0.48	13.45	4.60	4.36	0.38
10.90	1.35	1.13	0.49	13.50	4.61	4.38	0.38
10.95	1.37	1.15	0.52	13.55	4.63	4.39	0.35
11.00	1.39	1.18	0.53	13.60	4.64	4.41	0.34
11.05	1.42	1.20	0.58	13.65	4.66	4.42	0.33
11.10	1.45	1.23	0.60	13.70	4.67	4.43	0.33
11.15	1.48	1.26	0.65	13.75	4.68	4.45	0.32
11.20	1.51	1.29	0.67	13.80	4.70	4.46	0.32
11.25	1.54	1.32	0.72	13.85	4.71	4.48	0.31
11.30	1.57	1.35	0.74	13.90	4.72	4.49	0.31
11.35	1.61	1.38	0.80	13.95	4.74	4.50	0.30
11.40	1.64	1.42	0.81	14.00	4.75	4.51	0.30
11.45	1.68	1.46	0.86	14.05	4.76	4.53	0.29
11.50	1.72	1.49	0.89	14.10	4.78	4.54	0.29
11.55	1.78	1.55	1.25	14.15	4.79	4.55	0.28
11.60	1.83	1.61	1.35	14.20	4.80	4.56	0.28
11.65	1.90	1.67	1.40	14.25	4.81	4.57	0.27
11.70	1.96	1.73	1.44	14.30	4.82	4.59	0.27
11.75	2.04	1.82	1.84	14.35	4.83	4.60	0.26
11.80	2.13	1.90	1.98	14.40	4.85	4.61	0.26
11.85	2.25	2.02	2.56	14.45	4.86	4.62	0.25
11.90	2.36	2.13	2.79	14.50	4.87	4.63	0.25
11.95	2.57	2.34	4.29	14.55	4.88	4.64	0.24
12.00	2.77	2.54	4.81	14.60	4.89	4.65	0.24
12.05	3.11	2.88	7.21	14.65	4.90	4.66	0.23
12.10	3.45	3.21	7.56	14.70	4.91	4.67	0.23
12.15	3.56	3.33	3.69	14.75	4.92	4.68	0.22
12.20	3.68	3.45	2.70	14.80	4.93	4.69	0.22
12.25	3.77	3.53	2.10	14.85	4.94	4.70	0.21
12.30	3.85	3.62	1.93	14.90	4.94	4.71	0.21
12.35	3.91	3.68	1.53	14.95	4.95	4.72	0.20
12.40	3.98	3.74	1.43	15.00	4.96	4.72	0.20
12.45	4.03	3.80	1.37	15.05	4.97	4.73	0.19
12.50	4.09	3.86	1.33	15.10	4.98	4.74	0.19
12.55	4.13	3.90	0.97	15.15	4.99	4.75	0.19
12.60	4.17	3.93	0.87	15.20	4.99	4.76	0.19
12.65	4.20	3.97	0.83	15.25	5.00	4.76	0.18
12.70	4.24	4.00	0.82	15.30	5.01	4.77	0.18
12.75	4.27	4.04	0.76	15.35	5.02	4.78	0.18
12.80	4.30	4.07	0.74	15.40	5.03	4.79	0.18
12.85	4.33	4.10	0.69	15.45	5.03	4.80	0.18
12.90	4.36	4.13	0.67	15.50	5.04	4.80	0.18
12.95	4.39	4.15	0.62	15.55	5.05	4.81	0.18

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.17	18.20	5.37	5.13	0.11
15.65	5.06	4.83	0.17	18.25	5.37	5.14	0.11
15.70	5.07	4.83	0.17	18.30	5.38	5.14	0.11
15.75	5.08	4.84	0.17	18.35	5.38	5.14	0.11
15.80	5.09	4.85	0.17	18.40	5.39	5.15	0.11
15.85	5.09	4.86	0.17	18.45	5.39	5.15	0.11
15.90	5.10	4.86	0.17	18.50	5.40	5.16	0.11
15.95	5.11	4.87	0.16	18.55	5.40	5.16	0.10
16.00	5.11	4.88	0.16	18.60	5.40	5.17	0.10
16.05	5.12	4.88	0.16	18.65	5.41	5.17	0.10
16.10	5.13	4.89	0.16	18.70	5.41	5.18	0.10
16.15	5.13	4.90	0.16	18.75	5.42	5.18	0.10
16.20	5.14	4.90	0.16	18.80	5.42	5.19	0.10
16.25	5.15	4.91	0.16	18.85	5.43	5.19	0.10
16.30	5.16	4.92	0.16	18.90	5.43	5.19	0.10
16.35	5.16	4.92	0.15	18.95	5.44	5.20	0.10
16.40	5.17	4.93	0.15	19.00	5.44	5.20	0.10
16.45	5.17	4.94	0.15	19.05	5.44	5.21	0.10
16.50	5.18	4.94	0.15	19.10	5.45	5.21	0.10
16.55	5.19	4.95	0.15	19.15	5.45	5.22	0.10
16.60	5.19	4.96	0.15	19.20	5.46	5.22	0.10
16.65	5.20	4.96	0.15	19.25	5.46	5.22	0.10
16.70	5.21	4.97	0.15	19.30	5.47	5.23	0.10
16.75	5.21	4.98	0.14	19.35	5.47	5.23	0.10
16.80	5.22	4.98	0.14	19.40	5.48	5.24	0.10
16.85	5.23	4.99	0.14	19.45	5.48	5.24	0.10
16.90	5.23	4.99	0.14	19.50	5.48	5.25	0.10
16.95	5.24	5.00	0.14	19.55	5.49	5.25	0.10
17.00	5.24	5.01	0.14	19.60	5.49	5.25	0.10
17.05	5.25	5.01	0.14	19.65	5.50	5.26	0.10
17.10	5.25	5.02	0.13	19.70	5.50	5.26	0.10
17.15	5.26	5.02	0.13	19.75	5.50	5.27	0.10
17.20	5.27	5.03	0.13	19.80	5.51	5.27	0.10
17.25	5.27	5.03	0.13	19.85	5.51	5.28	0.10
17.30	5.28	5.04	0.13	19.90	5.52	5.28	0.10
17.35	5.28	5.05	0.13	19.95	5.52	5.28	0.10
17.40	5.29	5.05	0.13	20.00	5.53	5.29	0.10
17.45	5.29	5.06	0.12	20.05	5.53	5.29	0.09
17.50	5.30	5.06	0.12	20.10	5.53	5.30	0.09
17.55	5.30	5.07	0.12	20.15	5.54	5.30	0.09
17.60	5.31	5.07	0.12	20.20	5.54	5.30	0.09
17.65	5.31	5.08	0.12	20.25	5.55	5.31	0.09
17.70	5.32	5.08	0.12	20.30	5.55	5.31	0.09
17.75	5.33	5.09	0.12	20.35	5.55	5.32	0.09
17.80	5.33	5.09	0.12	20.40	5.56	5.32	0.09
17.85	5.34	5.10	0.11	20.45	5.56	5.32	0.09
17.90	5.34	5.10	0.11	20.50	5.57	5.33	0.09
17.95	5.34	5.11	0.11	20.55	5.57	5.33	0.09
18.00	5.35	5.11	0.11	20.60	5.57	5.34	0.09
18.05	5.35	5.12	0.11	20.65	5.58	5.34	0.09
18.10	5.36	5.12	0.11	20.70	5.58	5.34	0.09
18.15	5.36	5.13	0.11	20.75	5.59	5.35	0.09

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.09	23.40	5.77	5.53	0.07
20.85	5.59	5.36	0.09	23.45	5.78	5.54	0.07
20.90	5.60	5.36	0.09	23.50	5.78	5.54	0.07
20.95	5.60	5.36	0.09	23.55	5.78	5.54	0.07
21.00	5.61	5.37	0.09	23.60	5.78	5.55	0.07
21.05	5.61	5.37	0.09	23.65	5.79	5.55	0.07
21.10	5.61	5.37	0.09	23.70	5.79	5.55	0.07
21.15	5.62	5.38	0.09	23.75	5.79	5.56	0.07
21.20	5.62	5.38	0.09	23.80	5.80	5.56	0.07
21.25	5.62	5.39	0.09	23.85	5.80	5.56	0.07
21.30	5.63	5.39	0.09	23.90	5.80	5.56	0.07
21.35	5.63	5.39	0.09	23.95	5.81	5.57	0.08
21.40	5.64	5.40	0.09	24.00	5.81	5.57	0.08
21.45	5.64	5.40	0.09	24.05	5.81	5.57	0.02
21.50	5.64	5.40	0.09	24.10	5.81	5.57	0.00
21.55	5.65	5.41	0.08	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.08	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.08	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.08	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.08	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.08	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.08	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.08	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.08	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.08	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.08	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.08	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.08	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.08	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.08	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.08	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.08	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.08	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.08	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.08	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.08	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.08	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.08	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.08	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.08	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.08	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.08	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.08	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.08	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.08	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.07	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.07	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.07	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.07	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.07	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.07	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.07	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 46P: PDA-46 (pervious)

Runoff = 5.94 cfs @ 12.09 hrs, Volume= 0.336 af, Depth= 3.03"
 Routed to Pond B-46A : Basin #46A

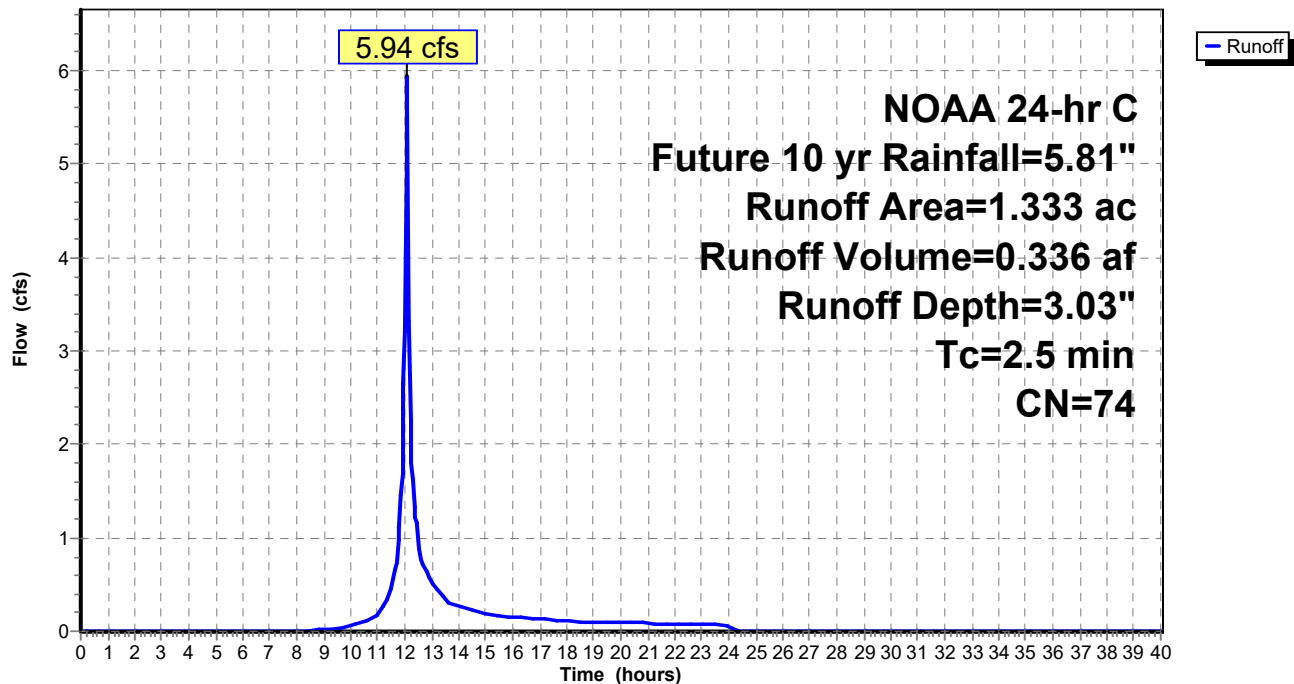
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.333	74	>75% Grass cover, Good, HSG C
1.333		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.5					Direct Entry,

Subcatchment 46P: PDA-46 (pervious)

Hydrograph



Hydrograph for Subcatchment 46P: PDA-46 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.01
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.01
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.01
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.02
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.03
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.04
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.06
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.07
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.08	13.00	4.42	1.91	0.53
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.49
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.47
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.45
10.60	1.23	0.07	0.11	13.20	4.50	1.98	0.44
10.65	1.25	0.07	0.12	13.25	4.52	1.99	0.42
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.41
10.75	1.29	0.08	0.13	13.35	4.56	2.02	0.38
10.80	1.31	0.09	0.14	13.40	4.58	2.03	0.37
10.85	1.33	0.09	0.15	13.45	4.60	2.05	0.35
10.90	1.35	0.10	0.16	13.50	4.61	2.06	0.34
10.95	1.37	0.11	0.17	13.55	4.63	2.07	0.32
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.31
11.05	1.42	0.12	0.21	13.65	4.66	2.09	0.30
11.10	1.45	0.13	0.22	13.70	4.67	2.10	0.30
11.15	1.48	0.14	0.25	13.75	4.68	2.12	0.29
11.20	1.51	0.15	0.26	13.80	4.70	2.13	0.29
11.25	1.54	0.16	0.29	13.85	4.71	2.14	0.28
11.30	1.57	0.17	0.30	13.90	4.72	2.15	0.28
11.35	1.61	0.18	0.33	13.95	4.74	2.16	0.27
11.40	1.64	0.20	0.35	14.00	4.75	2.17	0.27
11.45	1.68	0.21	0.38	14.05	4.76	2.18	0.27
11.50	1.72	0.23	0.40	14.10	4.78	2.19	0.26
11.55	1.78	0.25	0.57	14.15	4.79	2.20	0.26
11.60	1.83	0.28	0.66	14.20	4.80	2.21	0.26
11.65	1.90	0.30	0.71	14.25	4.81	2.21	0.25
11.70	1.96	0.33	0.75	14.30	4.82	2.22	0.25
11.75	2.04	0.37	0.97	14.35	4.83	2.23	0.24
11.80	2.13	0.41	1.10	14.40	4.85	2.24	0.24
11.85	2.25	0.47	1.46	14.45	4.86	2.25	0.23
11.90	2.36	0.53	1.68	14.50	4.87	2.26	0.23
11.95	2.57	0.65	2.64	14.55	4.88	2.27	0.22
12.00	2.77	0.77	3.21	14.60	4.89	2.27	0.22
12.05	3.11	0.98	4.99	14.65	4.90	2.28	0.21
12.10	3.45	1.20	5.84	14.70	4.91	2.29	0.21
12.15	3.56	1.28	3.31	14.75	4.92	2.30	0.20
12.20	3.68	1.37	2.25	14.80	4.93	2.31	0.20
12.25	3.77	1.43	1.79	14.85	4.94	2.31	0.20
12.30	3.85	1.49	1.63	14.90	4.94	2.32	0.19
12.35	3.91	1.53	1.33	14.95	4.95	2.33	0.19
12.40	3.98	1.58	1.21	15.00	4.96	2.33	0.18
12.45	4.03	1.62	1.17	15.05	4.97	2.34	0.18
12.50	4.09	1.67	1.15	15.10	4.98	2.35	0.17
12.55	4.13	1.69	0.87	15.15	4.99	2.35	0.17
12.60	4.17	1.72	0.76	15.20	4.99	2.36	0.17
12.65	4.20	1.75	0.73	15.25	5.00	2.37	0.17
12.70	4.24	1.77	0.72	15.30	5.01	2.37	0.17
12.75	4.27	1.80	0.67	15.35	5.02	2.38	0.17
12.80	4.30	1.82	0.66	15.40	5.03	2.38	0.17
12.85	4.33	1.85	0.61	15.45	5.03	2.39	0.17
12.90	4.36	1.87	0.60	15.50	5.04	2.40	0.16
12.95	4.39	1.89	0.55	15.55	5.05	2.40	0.16

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.16	18.20	5.37	2.66	0.10
15.65	5.06	2.41	0.16	18.25	5.37	2.67	0.10
15.70	5.07	2.42	0.16	18.30	5.38	2.67	0.10
15.75	5.08	2.43	0.16	18.35	5.38	2.67	0.10
15.80	5.09	2.43	0.16	18.40	5.39	2.68	0.10
15.85	5.09	2.44	0.16	18.45	5.39	2.68	0.10
15.90	5.10	2.44	0.16	18.50	5.40	2.68	0.10
15.95	5.11	2.45	0.15	18.55	5.40	2.69	0.10
16.00	5.11	2.46	0.15	18.60	5.40	2.69	0.10
16.05	5.12	2.46	0.15	18.65	5.41	2.69	0.10
16.10	5.13	2.47	0.15	18.70	5.41	2.70	0.10
16.15	5.13	2.47	0.15	18.75	5.42	2.70	0.10
16.20	5.14	2.48	0.15	18.80	5.42	2.71	0.10
16.25	5.15	2.48	0.15	18.85	5.43	2.71	0.10
16.30	5.16	2.49	0.15	18.90	5.43	2.71	0.10
16.35	5.16	2.49	0.14	18.95	5.44	2.72	0.10
16.40	5.17	2.50	0.14	19.00	5.44	2.72	0.10
16.45	5.17	2.50	0.14	19.05	5.44	2.72	0.10
16.50	5.18	2.51	0.14	19.10	5.45	2.73	0.10
16.55	5.19	2.52	0.14	19.15	5.45	2.73	0.10
16.60	5.19	2.52	0.14	19.20	5.46	2.73	0.10
16.65	5.20	2.53	0.14	19.25	5.46	2.74	0.10
16.70	5.21	2.53	0.14	19.30	5.47	2.74	0.10
16.75	5.21	2.54	0.13	19.35	5.47	2.75	0.09
16.80	5.22	2.54	0.13	19.40	5.48	2.75	0.09
16.85	5.23	2.55	0.13	19.45	5.48	2.75	0.09
16.90	5.23	2.55	0.13	19.50	5.48	2.76	0.09
16.95	5.24	2.55	0.13	19.55	5.49	2.76	0.09
17.00	5.24	2.56	0.13	19.60	5.49	2.76	0.09
17.05	5.25	2.56	0.13	19.65	5.50	2.77	0.09
17.10	5.25	2.57	0.13	19.70	5.50	2.77	0.09
17.15	5.26	2.57	0.13	19.75	5.50	2.77	0.09
17.20	5.27	2.58	0.12	19.80	5.51	2.78	0.09
17.25	5.27	2.58	0.12	19.85	5.51	2.78	0.09
17.30	5.28	2.59	0.12	19.90	5.52	2.78	0.09
17.35	5.28	2.59	0.12	19.95	5.52	2.79	0.09
17.40	5.29	2.60	0.12	20.00	5.53	2.79	0.09
17.45	5.29	2.60	0.12	20.05	5.53	2.79	0.09
17.50	5.30	2.61	0.12	20.10	5.53	2.80	0.09
17.55	5.30	2.61	0.12	20.15	5.54	2.80	0.09
17.60	5.31	2.61	0.11	20.20	5.54	2.80	0.09
17.65	5.31	2.62	0.11	20.25	5.55	2.81	0.09
17.70	5.32	2.62	0.11	20.30	5.55	2.81	0.09
17.75	5.33	2.63	0.11	20.35	5.55	2.81	0.09
17.80	5.33	2.63	0.11	20.40	5.56	2.82	0.09
17.85	5.34	2.63	0.11	20.45	5.56	2.82	0.09
17.90	5.34	2.64	0.11	20.50	5.57	2.82	0.09
17.95	5.34	2.64	0.11	20.55	5.57	2.83	0.09
18.00	5.35	2.65	0.10	20.60	5.57	2.83	0.09
18.05	5.35	2.65	0.10	20.65	5.58	2.83	0.09
18.10	5.36	2.65	0.10	20.70	5.58	2.84	0.09
18.15	5.36	2.66	0.10	20.75	5.59	2.84	0.09

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.09	23.40	5.77	2.99	0.07
20.85	5.59	2.85	0.09	23.45	5.78	3.00	0.07
20.90	5.60	2.85	0.09	23.50	5.78	3.00	0.07
20.95	5.60	2.85	0.09	23.55	5.78	3.00	0.07
21.00	5.61	2.86	0.09	23.60	5.78	3.00	0.07
21.05	5.61	2.86	0.08	23.65	5.79	3.01	0.07
21.10	5.61	2.86	0.08	23.70	5.79	3.01	0.07
21.15	5.62	2.87	0.08	23.75	5.79	3.01	0.07
21.20	5.62	2.87	0.08	23.80	5.80	3.01	0.07
21.25	5.62	2.87	0.08	23.85	5.80	3.02	0.07
21.30	5.63	2.87	0.08	23.90	5.80	3.02	0.07
21.35	5.63	2.88	0.08	23.95	5.81	3.02	0.08
21.40	5.64	2.88	0.08	24.00	5.81	3.03	0.08
21.45	5.64	2.88	0.08	24.05	5.81	3.03	0.02
21.50	5.64	2.89	0.08	24.10	5.81	3.03	0.00
21.55	5.65	2.89	0.08	24.15	5.81	3.03	0.00
21.60	5.65	2.89	0.08	24.20	5.81	3.03	0.00
21.65	5.65	2.90	0.08	24.25	5.81	3.03	0.00
21.70	5.66	2.90	0.08	24.30	5.81	3.03	0.00
21.75	5.66	2.90	0.08	24.35	5.81	3.03	0.00
21.80	5.66	2.90	0.08	24.40	5.81	3.03	0.00
21.85	5.67	2.91	0.08	24.45	5.81	3.03	0.00
21.90	5.67	2.91	0.08	24.50	5.81	3.03	0.00
21.95	5.68	2.91	0.08	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.08	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.08	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.08	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.08	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.08	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.08	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.08	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.08	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.08	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.08	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.08	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.08	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.08	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.07	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.07	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.07	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.07	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.07	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.07	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.07	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.07	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.07	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.07	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.07	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.07	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.07	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.07	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.07	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment 47I: PDA-47 (impervious)

Runoff = 4.72 cfs @ 12.10 hrs, Volume= 0.346 af, Depth= 5.57"
 Routed to Pond B-47 : Basin #47

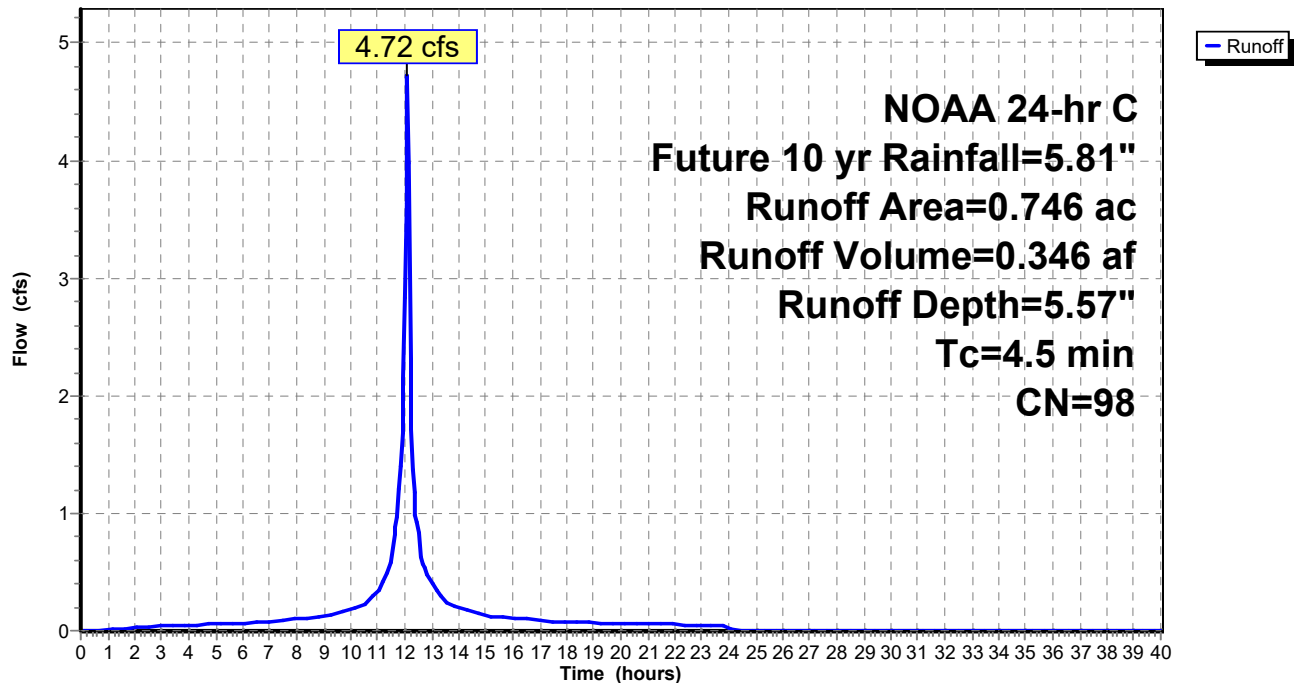
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
* 0.244	98	Pavement, HSG C
* 0.484	98	Roof, HSG C
* 0.018	98	Concrete, HSG C
0.746	98	Weighted Average
0.746		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.5					Direct Entry,

Subcatchment 47I: PDA-47 (impervious)

Hydrograph



Hydrograph for Subcatchment 47I: PDA-47 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.05	0.03
0.05	0.00	0.00	0.00	2.65	0.18	0.06	0.04
0.10	0.01	0.00	0.00	2.70	0.18	0.06	0.04
0.15	0.01	0.00	0.00	2.75	0.19	0.06	0.04
0.20	0.01	0.00	0.00	2.80	0.19	0.06	0.04
0.25	0.02	0.00	0.00	2.85	0.19	0.07	0.04
0.30	0.02	0.00	0.00	2.90	0.20	0.07	0.04
0.35	0.02	0.00	0.00	2.95	0.20	0.07	0.04
0.40	0.03	0.00	0.00	3.00	0.20	0.07	0.04
0.45	0.03	0.00	0.00	3.05	0.21	0.08	0.04
0.50	0.03	0.00	0.00	3.10	0.21	0.08	0.04
0.55	0.03	0.00	0.00	3.15	0.22	0.08	0.04
0.60	0.04	0.00	0.00	3.20	0.22	0.08	0.04
0.65	0.04	0.00	0.00	3.25	0.22	0.09	0.04
0.70	0.04	0.00	0.00	3.30	0.23	0.09	0.04
0.75	0.05	0.00	0.00	3.35	0.23	0.09	0.04
0.80	0.05	0.00	0.00	3.40	0.24	0.10	0.04
0.85	0.05	0.00	0.00	3.45	0.24	0.10	0.04
0.90	0.06	0.00	0.01	3.50	0.24	0.10	0.04
0.95	0.06	0.00	0.01	3.55	0.25	0.10	0.04
1.00	0.06	0.00	0.01	3.60	0.25	0.11	0.05
1.05	0.07	0.00	0.01	3.65	0.26	0.11	0.05
1.10	0.07	0.00	0.01	3.70	0.26	0.11	0.05
1.15	0.07	0.00	0.01	3.75	0.26	0.12	0.05
1.20	0.08	0.01	0.01	3.80	0.27	0.12	0.05
1.25	0.08	0.01	0.01	3.85	0.27	0.12	0.05
1.30	0.08	0.01	0.01	3.90	0.28	0.13	0.05
1.35	0.09	0.01	0.02	3.95	0.28	0.13	0.05
1.40	0.09	0.01	0.02	4.00	0.28	0.13	0.05
1.45	0.09	0.01	0.02	4.05	0.29	0.14	0.05
1.50	0.10	0.01	0.02	4.10	0.29	0.14	0.05
1.55	0.10	0.01	0.02	4.15	0.30	0.14	0.05
1.60	0.10	0.01	0.02	4.20	0.30	0.15	0.05
1.65	0.11	0.02	0.02	4.25	0.31	0.15	0.05
1.70	0.11	0.02	0.02	4.30	0.31	0.15	0.05
1.75	0.11	0.02	0.02	4.35	0.31	0.16	0.05
1.80	0.12	0.02	0.02	4.40	0.32	0.16	0.05
1.85	0.12	0.02	0.02	4.45	0.32	0.16	0.05
1.90	0.12	0.02	0.03	4.50	0.33	0.17	0.05
1.95	0.13	0.03	0.03	4.55	0.33	0.17	0.05
2.00	0.13	0.03	0.03	4.60	0.33	0.17	0.05
2.05	0.13	0.03	0.03	4.65	0.34	0.18	0.05
2.10	0.14	0.03	0.03	4.70	0.34	0.18	0.05
2.15	0.14	0.03	0.03	4.75	0.35	0.18	0.05
2.20	0.15	0.04	0.03	4.80	0.35	0.19	0.05
2.25	0.15	0.04	0.03	4.85	0.36	0.19	0.05
2.30	0.15	0.04	0.03	4.90	0.36	0.20	0.06
2.35	0.16	0.04	0.03	4.95	0.37	0.20	0.06
2.40	0.16	0.04	0.03	5.00	0.37	0.20	0.06
2.45	0.16	0.05	0.03	5.05	0.37	0.21	0.06
2.50	0.17	0.05	0.03	5.10	0.38	0.21	0.06
2.55	0.17	0.05	0.03	5.15	0.38	0.21	0.06

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.22	0.06	7.80	0.67	0.47	0.09
5.25	0.39	0.22	0.06	7.85	0.68	0.48	0.10
5.30	0.40	0.23	0.06	7.90	0.68	0.49	0.10
5.35	0.40	0.23	0.06	7.95	0.69	0.49	0.10
5.40	0.41	0.23	0.06	8.00	0.70	0.50	0.10
5.45	0.41	0.24	0.06	8.05	0.70	0.51	0.10
5.50	0.41	0.24	0.06	8.10	0.71	0.51	0.10
5.55	0.42	0.25	0.06	8.15	0.72	0.52	0.10
5.60	0.42	0.25	0.06	8.20	0.72	0.53	0.10
5.65	0.43	0.25	0.06	8.25	0.73	0.53	0.10
5.70	0.43	0.26	0.06	8.30	0.74	0.54	0.10
5.75	0.44	0.26	0.06	8.35	0.75	0.55	0.10
5.80	0.44	0.27	0.06	8.40	0.75	0.55	0.11
5.85	0.45	0.27	0.06	8.45	0.76	0.56	0.11
5.90	0.45	0.27	0.06	8.50	0.77	0.57	0.11
5.95	0.46	0.28	0.06	8.55	0.78	0.58	0.11
6.00	0.46	0.28	0.06	8.60	0.78	0.58	0.11
6.05	0.47	0.29	0.06	8.65	0.79	0.59	0.11
6.10	0.47	0.29	0.06	8.70	0.80	0.60	0.11
6.15	0.47	0.30	0.07	8.75	0.81	0.61	0.11
6.20	0.48	0.30	0.07	8.80	0.82	0.61	0.11
6.25	0.48	0.30	0.07	8.85	0.82	0.62	0.11
6.30	0.49	0.31	0.07	8.90	0.83	0.63	0.12
6.35	0.50	0.31	0.07	8.95	0.84	0.64	0.12
6.40	0.50	0.32	0.07	9.00	0.85	0.64	0.12
6.45	0.51	0.32	0.07	9.05	0.86	0.65	0.12
6.50	0.51	0.33	0.07	9.10	0.87	0.66	0.12
6.55	0.52	0.33	0.07	9.15	0.87	0.67	0.13
6.60	0.52	0.34	0.07	9.20	0.88	0.68	0.13
6.65	0.53	0.34	0.07	9.25	0.89	0.69	0.13
6.70	0.53	0.35	0.08	9.30	0.90	0.70	0.14
6.75	0.54	0.35	0.08	9.35	0.91	0.71	0.14
6.80	0.54	0.36	0.08	9.40	0.92	0.72	0.14
6.85	0.55	0.36	0.08	9.45	0.93	0.73	0.15
6.90	0.56	0.37	0.08	9.50	0.94	0.74	0.15
6.95	0.56	0.37	0.08	9.55	0.95	0.75	0.15
7.00	0.57	0.38	0.08	9.60	0.96	0.76	0.16
7.05	0.57	0.38	0.08	9.65	0.98	0.77	0.16
7.10	0.58	0.39	0.08	9.70	0.99	0.78	0.16
7.15	0.58	0.40	0.08	9.75	1.00	0.79	0.16
7.20	0.59	0.40	0.08	9.80	1.01	0.80	0.17
7.25	0.60	0.41	0.08	9.85	1.02	0.81	0.17
7.30	0.60	0.41	0.09	9.90	1.03	0.82	0.18
7.35	0.61	0.42	0.09	9.95	1.05	0.84	0.18
7.40	0.62	0.42	0.09	10.00	1.06	0.85	0.18
7.45	0.62	0.43	0.09	10.05	1.07	0.86	0.18
7.50	0.63	0.44	0.09	10.10	1.09	0.87	0.19
7.55	0.64	0.44	0.09	10.15	1.10	0.89	0.19
7.60	0.64	0.45	0.09	10.20	1.11	0.90	0.19
7.65	0.65	0.45	0.09	10.25	1.13	0.91	0.20
7.70	0.65	0.46	0.09	10.30	1.14	0.93	0.20
7.75	0.66	0.47	0.09	10.35	1.15	0.94	0.20

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.95	0.21	13.00	4.42	4.18	0.40
10.45	1.18	0.97	0.21	13.05	4.44	4.20	0.38
10.50	1.20	0.98	0.21	13.10	4.46	4.23	0.35
10.55	1.21	1.00	0.22	13.15	4.48	4.25	0.34
10.60	1.23	1.02	0.24	13.20	4.50	4.27	0.33
10.65	1.25	1.03	0.25	13.25	4.52	4.29	0.31
10.70	1.27	1.05	0.26	13.30	4.54	4.31	0.30
10.75	1.29	1.07	0.27	13.35	4.56	4.33	0.29
10.80	1.31	1.09	0.29	13.40	4.58	4.34	0.27
10.85	1.33	1.11	0.30	13.45	4.60	4.36	0.26
10.90	1.35	1.13	0.31	13.50	4.61	4.38	0.25
10.95	1.37	1.15	0.32	13.55	4.63	4.39	0.24
11.00	1.39	1.18	0.34	13.60	4.64	4.41	0.23
11.05	1.42	1.20	0.35	13.65	4.66	4.42	0.22
11.10	1.45	1.23	0.38	13.70	4.67	4.43	0.22
11.15	1.48	1.26	0.40	13.75	4.68	4.45	0.21
11.20	1.51	1.29	0.43	13.80	4.70	4.46	0.21
11.25	1.54	1.32	0.45	13.85	4.71	4.48	0.21
11.30	1.57	1.35	0.47	13.90	4.72	4.49	0.20
11.35	1.61	1.38	0.49	13.95	4.74	4.50	0.20
11.40	1.64	1.42	0.52	14.00	4.75	4.51	0.20
11.45	1.68	1.46	0.54	14.05	4.76	4.53	0.19
11.50	1.72	1.49	0.56	14.10	4.78	4.54	0.19
11.55	1.78	1.55	0.66	14.15	4.79	4.55	0.19
11.60	1.83	1.61	0.82	14.20	4.80	4.56	0.18
11.65	1.90	1.67	0.88	14.25	4.81	4.57	0.18
11.70	1.96	1.73	0.91	14.30	4.82	4.59	0.18
11.75	2.04	1.82	1.03	14.35	4.83	4.60	0.17
11.80	2.13	1.90	1.21	14.40	4.85	4.61	0.17
11.85	2.25	2.02	1.41	14.45	4.86	4.62	0.17
11.90	2.36	2.13	1.68	14.50	4.87	4.63	0.16
11.95	2.57	2.34	2.14	14.55	4.88	4.64	0.16
12.00	2.77	2.54	2.83	14.60	4.89	4.65	0.16
12.05	3.11	2.88	3.64	14.65	4.90	4.66	0.15
12.10	3.45	3.21	4.72	14.70	4.91	4.67	0.15
12.15	3.56	3.33	3.98	14.75	4.92	4.68	0.15
12.20	3.68	3.45	2.32	14.80	4.93	4.69	0.14
12.25	3.77	3.53	1.72	14.85	4.94	4.70	0.14
12.30	3.85	3.62	1.37	14.90	4.94	4.71	0.14
12.35	3.91	3.68	1.18	14.95	4.95	4.72	0.13
12.40	3.98	3.74	0.99	15.00	4.96	4.72	0.13
12.45	4.03	3.80	0.92	15.05	4.97	4.73	0.13
12.50	4.09	3.86	0.89	15.10	4.98	4.74	0.12
12.55	4.13	3.90	0.79	15.15	4.99	4.75	0.12
12.60	4.17	3.93	0.62	15.20	4.99	4.76	0.12
12.65	4.20	3.97	0.57	15.25	5.00	4.76	0.12
12.70	4.24	4.00	0.54	15.30	5.01	4.77	0.12
12.75	4.27	4.04	0.52	15.35	5.02	4.78	0.12
12.80	4.30	4.07	0.49	15.40	5.03	4.79	0.12
12.85	4.33	4.10	0.47	15.45	5.03	4.80	0.12
12.90	4.36	4.13	0.45	15.50	5.04	4.80	0.12
12.95	4.39	4.15	0.43	15.55	5.05	4.81	0.11

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	4.82	0.11	18.20	5.37	5.13	0.07
15.65	5.06	4.83	0.11	18.25	5.37	5.14	0.07
15.70	5.07	4.83	0.11	18.30	5.38	5.14	0.07
15.75	5.08	4.84	0.11	18.35	5.38	5.14	0.07
15.80	5.09	4.85	0.11	18.40	5.39	5.15	0.07
15.85	5.09	4.86	0.11	18.45	5.39	5.15	0.07
15.90	5.10	4.86	0.11	18.50	5.40	5.16	0.07
15.95	5.11	4.87	0.11	18.55	5.40	5.16	0.07
16.00	5.11	4.88	0.11	18.60	5.40	5.17	0.07
16.05	5.12	4.88	0.11	18.65	5.41	5.17	0.07
16.10	5.13	4.89	0.11	18.70	5.41	5.18	0.07
16.15	5.13	4.90	0.10	18.75	5.42	5.18	0.07
16.20	5.14	4.90	0.10	18.80	5.42	5.19	0.07
16.25	5.15	4.91	0.10	18.85	5.43	5.19	0.07
16.30	5.16	4.92	0.10	18.90	5.43	5.19	0.07
16.35	5.16	4.92	0.10	18.95	5.44	5.20	0.07
16.40	5.17	4.93	0.10	19.00	5.44	5.20	0.07
16.45	5.17	4.94	0.10	19.05	5.44	5.21	0.07
16.50	5.18	4.94	0.10	19.10	5.45	5.21	0.07
16.55	5.19	4.95	0.10	19.15	5.45	5.22	0.07
16.60	5.19	4.96	0.10	19.20	5.46	5.22	0.07
16.65	5.20	4.96	0.10	19.25	5.46	5.22	0.07
16.70	5.21	4.97	0.09	19.30	5.47	5.23	0.07
16.75	5.21	4.98	0.09	19.35	5.47	5.23	0.06
16.80	5.22	4.98	0.09	19.40	5.48	5.24	0.06
16.85	5.23	4.99	0.09	19.45	5.48	5.24	0.06
16.90	5.23	4.99	0.09	19.50	5.48	5.25	0.06
16.95	5.24	5.00	0.09	19.55	5.49	5.25	0.06
17.00	5.24	5.01	0.09	19.60	5.49	5.25	0.06
17.05	5.25	5.01	0.09	19.65	5.50	5.26	0.06
17.10	5.25	5.02	0.09	19.70	5.50	5.26	0.06
17.15	5.26	5.02	0.09	19.75	5.50	5.27	0.06
17.20	5.27	5.03	0.09	19.80	5.51	5.27	0.06
17.25	5.27	5.03	0.09	19.85	5.51	5.28	0.06
17.30	5.28	5.04	0.08	19.90	5.52	5.28	0.06
17.35	5.28	5.05	0.08	19.95	5.52	5.28	0.06
17.40	5.29	5.05	0.08	20.00	5.53	5.29	0.06
17.45	5.29	5.06	0.08	20.05	5.53	5.29	0.06
17.50	5.30	5.06	0.08	20.10	5.53	5.30	0.06
17.55	5.30	5.07	0.08	20.15	5.54	5.30	0.06
17.60	5.31	5.07	0.08	20.20	5.54	5.30	0.06
17.65	5.31	5.08	0.08	20.25	5.55	5.31	0.06
17.70	5.32	5.08	0.08	20.30	5.55	5.31	0.06
17.75	5.33	5.09	0.08	20.35	5.55	5.32	0.06
17.80	5.33	5.09	0.08	20.40	5.56	5.32	0.06
17.85	5.34	5.10	0.08	20.45	5.56	5.32	0.06
17.90	5.34	5.10	0.07	20.50	5.57	5.33	0.06
17.95	5.34	5.11	0.07	20.55	5.57	5.33	0.06
18.00	5.35	5.11	0.07	20.60	5.57	5.34	0.06
18.05	5.35	5.12	0.07	20.65	5.58	5.34	0.06
18.10	5.36	5.12	0.07	20.70	5.58	5.34	0.06
18.15	5.36	5.13	0.07	20.75	5.59	5.35	0.06

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	5.35	0.06	23.40	5.77	5.53	0.05
20.85	5.59	5.36	0.06	23.45	5.78	5.54	0.05
20.90	5.60	5.36	0.06	23.50	5.78	5.54	0.05
20.95	5.60	5.36	0.06	23.55	5.78	5.54	0.05
21.00	5.61	5.37	0.06	23.60	5.78	5.55	0.05
21.05	5.61	5.37	0.06	23.65	5.79	5.55	0.05
21.10	5.61	5.37	0.06	23.70	5.79	5.55	0.05
21.15	5.62	5.38	0.06	23.75	5.79	5.56	0.05
21.20	5.62	5.38	0.06	23.80	5.80	5.56	0.05
21.25	5.62	5.39	0.06	23.85	5.80	5.56	0.05
21.30	5.63	5.39	0.06	23.90	5.80	5.56	0.05
21.35	5.63	5.39	0.06	23.95	5.81	5.57	0.05
21.40	5.64	5.40	0.06	24.00	5.81	5.57	0.05
21.45	5.64	5.40	0.06	24.05	5.81	5.57	0.04
21.50	5.64	5.40	0.06	24.10	5.81	5.57	0.01
21.55	5.65	5.41	0.06	24.15	5.81	5.57	0.00
21.60	5.65	5.41	0.06	24.20	5.81	5.57	0.00
21.65	5.65	5.42	0.05	24.25	5.81	5.57	0.00
21.70	5.66	5.42	0.05	24.30	5.81	5.57	0.00
21.75	5.66	5.42	0.05	24.35	5.81	5.57	0.00
21.80	5.66	5.43	0.05	24.40	5.81	5.57	0.00
21.85	5.67	5.43	0.05	24.45	5.81	5.57	0.00
21.90	5.67	5.43	0.05	24.50	5.81	5.57	0.00
21.95	5.68	5.44	0.05	24.55	5.81	5.57	0.00
22.00	5.68	5.44	0.05	24.60	5.81	5.57	0.00
22.05	5.68	5.44	0.05	24.65	5.81	5.57	0.00
22.10	5.69	5.45	0.05	24.70	5.81	5.57	0.00
22.15	5.69	5.45	0.05	24.75	5.81	5.57	0.00
22.20	5.69	5.45	0.05	24.80	5.81	5.57	0.00
22.25	5.70	5.46	0.05	24.85	5.81	5.57	0.00
22.30	5.70	5.46	0.05	24.90	5.81	5.57	0.00
22.35	5.70	5.47	0.05	24.95	5.81	5.57	0.00
22.40	5.71	5.47	0.05	25.00	5.81	5.57	0.00
22.45	5.71	5.47	0.05	25.05	5.81	5.57	0.00
22.50	5.71	5.48	0.05	25.10	5.81	5.57	0.00
22.55	5.72	5.48	0.05	25.15	5.81	5.57	0.00
22.60	5.72	5.48	0.05	25.20	5.81	5.57	0.00
22.65	5.72	5.49	0.05	25.25	5.81	5.57	0.00
22.70	5.73	5.49	0.05	25.30	5.81	5.57	0.00
22.75	5.73	5.49	0.05	25.35	5.81	5.57	0.00
22.80	5.73	5.50	0.05	25.40	5.81	5.57	0.00
22.85	5.74	5.50	0.05	25.45	5.81	5.57	0.00
22.90	5.74	5.50	0.05	25.50	5.81	5.57	0.00
22.95	5.74	5.51	0.05	25.55	5.81	5.57	0.00
23.00	5.75	5.51	0.05	25.60	5.81	5.57	0.00
23.05	5.75	5.51	0.05	25.65	5.81	5.57	0.00
23.10	5.75	5.52	0.05	25.70	5.81	5.57	0.00
23.15	5.76	5.52	0.05	25.75	5.81	5.57	0.00
23.20	5.76	5.52	0.05	25.80	5.81	5.57	0.00
23.25	5.76	5.52	0.05	25.85	5.81	5.57	0.00
23.30	5.77	5.53	0.05	25.90	5.81	5.57	0.00
23.35	5.77	5.53	0.05	25.95	5.81	5.57	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	5.57	0.00	28.60	5.81	5.57	0.00
26.05	5.81	5.57	0.00	28.65	5.81	5.57	0.00
26.10	5.81	5.57	0.00	28.70	5.81	5.57	0.00
26.15	5.81	5.57	0.00	28.75	5.81	5.57	0.00
26.20	5.81	5.57	0.00	28.80	5.81	5.57	0.00
26.25	5.81	5.57	0.00	28.85	5.81	5.57	0.00
26.30	5.81	5.57	0.00	28.90	5.81	5.57	0.00
26.35	5.81	5.57	0.00	28.95	5.81	5.57	0.00
26.40	5.81	5.57	0.00	29.00	5.81	5.57	0.00
26.45	5.81	5.57	0.00	29.05	5.81	5.57	0.00
26.50	5.81	5.57	0.00	29.10	5.81	5.57	0.00
26.55	5.81	5.57	0.00	29.15	5.81	5.57	0.00
26.60	5.81	5.57	0.00	29.20	5.81	5.57	0.00
26.65	5.81	5.57	0.00	29.25	5.81	5.57	0.00
26.70	5.81	5.57	0.00	29.30	5.81	5.57	0.00
26.75	5.81	5.57	0.00	29.35	5.81	5.57	0.00
26.80	5.81	5.57	0.00	29.40	5.81	5.57	0.00
26.85	5.81	5.57	0.00	29.45	5.81	5.57	0.00
26.90	5.81	5.57	0.00	29.50	5.81	5.57	0.00
26.95	5.81	5.57	0.00	29.55	5.81	5.57	0.00
27.00	5.81	5.57	0.00	29.60	5.81	5.57	0.00
27.05	5.81	5.57	0.00	29.65	5.81	5.57	0.00
27.10	5.81	5.57	0.00	29.70	5.81	5.57	0.00
27.15	5.81	5.57	0.00	29.75	5.81	5.57	0.00
27.20	5.81	5.57	0.00	29.80	5.81	5.57	0.00
27.25	5.81	5.57	0.00	29.85	5.81	5.57	0.00
27.30	5.81	5.57	0.00	29.90	5.81	5.57	0.00
27.35	5.81	5.57	0.00	29.95	5.81	5.57	0.00
27.40	5.81	5.57	0.00	30.00	5.81	5.57	0.00
27.45	5.81	5.57	0.00	30.05	5.81	5.57	0.00
27.50	5.81	5.57	0.00	30.10	5.81	5.57	0.00
27.55	5.81	5.57	0.00	30.15	5.81	5.57	0.00
27.60	5.81	5.57	0.00	30.20	5.81	5.57	0.00
27.65	5.81	5.57	0.00	30.25	5.81	5.57	0.00
27.70	5.81	5.57	0.00	30.30	5.81	5.57	0.00
27.75	5.81	5.57	0.00	30.35	5.81	5.57	0.00
27.80	5.81	5.57	0.00	30.40	5.81	5.57	0.00
27.85	5.81	5.57	0.00	30.45	5.81	5.57	0.00
27.90	5.81	5.57	0.00	30.50	5.81	5.57	0.00
27.95	5.81	5.57	0.00	30.55	5.81	5.57	0.00
28.00	5.81	5.57	0.00	30.60	5.81	5.57	0.00
28.05	5.81	5.57	0.00	30.65	5.81	5.57	0.00
28.10	5.81	5.57	0.00	30.70	5.81	5.57	0.00
28.15	5.81	5.57	0.00	30.75	5.81	5.57	0.00
28.20	5.81	5.57	0.00	30.80	5.81	5.57	0.00
28.25	5.81	5.57	0.00	30.85	5.81	5.57	0.00
28.30	5.81	5.57	0.00	30.90	5.81	5.57	0.00
28.35	5.81	5.57	0.00	30.95	5.81	5.57	0.00
28.40	5.81	5.57	0.00	31.00	5.81	5.57	0.00
28.45	5.81	5.57	0.00	31.05	5.81	5.57	0.00
28.50	5.81	5.57	0.00	31.10	5.81	5.57	0.00
28.55	5.81	5.57	0.00	31.15	5.81	5.57	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	5.57	0.00	33.80	5.81	5.57	0.00
31.25	5.81	5.57	0.00	33.85	5.81	5.57	0.00
31.30	5.81	5.57	0.00	33.90	5.81	5.57	0.00
31.35	5.81	5.57	0.00	33.95	5.81	5.57	0.00
31.40	5.81	5.57	0.00	34.00	5.81	5.57	0.00
31.45	5.81	5.57	0.00	34.05	5.81	5.57	0.00
31.50	5.81	5.57	0.00	34.10	5.81	5.57	0.00
31.55	5.81	5.57	0.00	34.15	5.81	5.57	0.00
31.60	5.81	5.57	0.00	34.20	5.81	5.57	0.00
31.65	5.81	5.57	0.00	34.25	5.81	5.57	0.00
31.70	5.81	5.57	0.00	34.30	5.81	5.57	0.00
31.75	5.81	5.57	0.00	34.35	5.81	5.57	0.00
31.80	5.81	5.57	0.00	34.40	5.81	5.57	0.00
31.85	5.81	5.57	0.00	34.45	5.81	5.57	0.00
31.90	5.81	5.57	0.00	34.50	5.81	5.57	0.00
31.95	5.81	5.57	0.00	34.55	5.81	5.57	0.00
32.00	5.81	5.57	0.00	34.60	5.81	5.57	0.00
32.05	5.81	5.57	0.00	34.65	5.81	5.57	0.00
32.10	5.81	5.57	0.00	34.70	5.81	5.57	0.00
32.15	5.81	5.57	0.00	34.75	5.81	5.57	0.00
32.20	5.81	5.57	0.00	34.80	5.81	5.57	0.00
32.25	5.81	5.57	0.00	34.85	5.81	5.57	0.00
32.30	5.81	5.57	0.00	34.90	5.81	5.57	0.00
32.35	5.81	5.57	0.00	34.95	5.81	5.57	0.00
32.40	5.81	5.57	0.00	35.00	5.81	5.57	0.00
32.45	5.81	5.57	0.00	35.05	5.81	5.57	0.00
32.50	5.81	5.57	0.00	35.10	5.81	5.57	0.00
32.55	5.81	5.57	0.00	35.15	5.81	5.57	0.00
32.60	5.81	5.57	0.00	35.20	5.81	5.57	0.00
32.65	5.81	5.57	0.00	35.25	5.81	5.57	0.00
32.70	5.81	5.57	0.00	35.30	5.81	5.57	0.00
32.75	5.81	5.57	0.00	35.35	5.81	5.57	0.00
32.80	5.81	5.57	0.00	35.40	5.81	5.57	0.00
32.85	5.81	5.57	0.00	35.45	5.81	5.57	0.00
32.90	5.81	5.57	0.00	35.50	5.81	5.57	0.00
32.95	5.81	5.57	0.00	35.55	5.81	5.57	0.00
33.00	5.81	5.57	0.00	35.60	5.81	5.57	0.00
33.05	5.81	5.57	0.00	35.65	5.81	5.57	0.00
33.10	5.81	5.57	0.00	35.70	5.81	5.57	0.00
33.15	5.81	5.57	0.00	35.75	5.81	5.57	0.00
33.20	5.81	5.57	0.00	35.80	5.81	5.57	0.00
33.25	5.81	5.57	0.00	35.85	5.81	5.57	0.00
33.30	5.81	5.57	0.00	35.90	5.81	5.57	0.00
33.35	5.81	5.57	0.00	35.95	5.81	5.57	0.00
33.40	5.81	5.57	0.00	36.00	5.81	5.57	0.00
33.45	5.81	5.57	0.00	36.05	5.81	5.57	0.00
33.50	5.81	5.57	0.00	36.10	5.81	5.57	0.00
33.55	5.81	5.57	0.00	36.15	5.81	5.57	0.00
33.60	5.81	5.57	0.00	36.20	5.81	5.57	0.00
33.65	5.81	5.57	0.00	36.25	5.81	5.57	0.00
33.70	5.81	5.57	0.00	36.30	5.81	5.57	0.00
33.75	5.81	5.57	0.00	36.35	5.81	5.57	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	5.57	0.00	39.00	5.81	5.57	0.00
36.45	5.81	5.57	0.00	39.05	5.81	5.57	0.00
36.50	5.81	5.57	0.00	39.10	5.81	5.57	0.00
36.55	5.81	5.57	0.00	39.15	5.81	5.57	0.00
36.60	5.81	5.57	0.00	39.20	5.81	5.57	0.00
36.65	5.81	5.57	0.00	39.25	5.81	5.57	0.00
36.70	5.81	5.57	0.00	39.30	5.81	5.57	0.00
36.75	5.81	5.57	0.00	39.35	5.81	5.57	0.00
36.80	5.81	5.57	0.00	39.40	5.81	5.57	0.00
36.85	5.81	5.57	0.00	39.45	5.81	5.57	0.00
36.90	5.81	5.57	0.00	39.50	5.81	5.57	0.00
36.95	5.81	5.57	0.00	39.55	5.81	5.57	0.00
37.00	5.81	5.57	0.00	39.60	5.81	5.57	0.00
37.05	5.81	5.57	0.00	39.65	5.81	5.57	0.00
37.10	5.81	5.57	0.00	39.70	5.81	5.57	0.00
37.15	5.81	5.57	0.00	39.75	5.81	5.57	0.00
37.20	5.81	5.57	0.00	39.80	5.81	5.57	0.00
37.25	5.81	5.57	0.00	39.85	5.81	5.57	0.00
37.30	5.81	5.57	0.00	39.90	5.81	5.57	0.00
37.35	5.81	5.57	0.00	39.95	5.81	5.57	0.00
37.40	5.81	5.57	0.00	40.00	5.81	5.57	0.00
37.45	5.81	5.57	0.00				
37.50	5.81	5.57	0.00				
37.55	5.81	5.57	0.00				
37.60	5.81	5.57	0.00				
37.65	5.81	5.57	0.00				
37.70	5.81	5.57	0.00				
37.75	5.81	5.57	0.00				
37.80	5.81	5.57	0.00				
37.85	5.81	5.57	0.00				
37.90	5.81	5.57	0.00				
37.95	5.81	5.57	0.00				
38.00	5.81	5.57	0.00				
38.05	5.81	5.57	0.00				
38.10	5.81	5.57	0.00				
38.15	5.81	5.57	0.00				
38.20	5.81	5.57	0.00				
38.25	5.81	5.57	0.00				
38.30	5.81	5.57	0.00				
38.35	5.81	5.57	0.00				
38.40	5.81	5.57	0.00				
38.45	5.81	5.57	0.00				
38.50	5.81	5.57	0.00				
38.55	5.81	5.57	0.00				
38.60	5.81	5.57	0.00				
38.65	5.81	5.57	0.00				
38.70	5.81	5.57	0.00				
38.75	5.81	5.57	0.00				
38.80	5.81	5.57	0.00				
38.85	5.81	5.57	0.00				
38.90	5.81	5.57	0.00				
38.95	5.81	5.57	0.00				

Summary for Subcatchment 47P: PDA-47 (pervious)

Runoff = 4.62 cfs @ 12.26 hrs, Volume= 0.426 af, Depth= 3.03"
 Routed to Pond B-47 : Basin #47

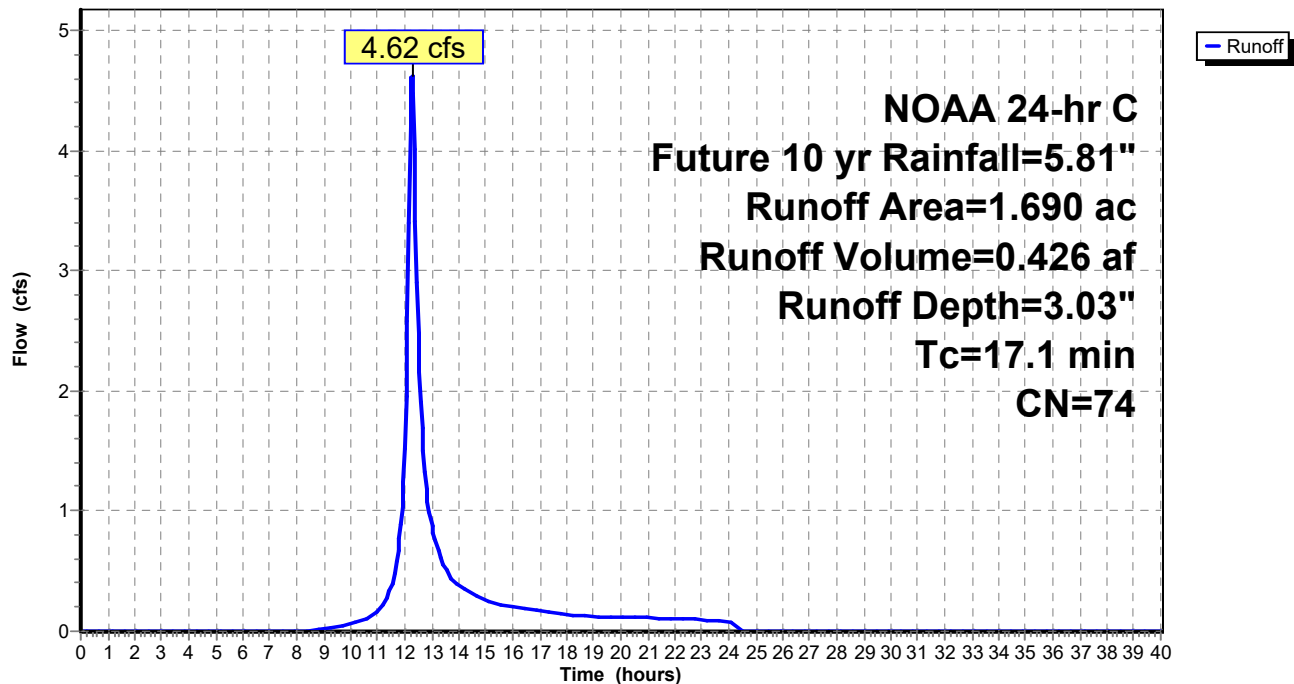
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
1.690	74	>75% Grass cover, Good, HSG C
1.690		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.1					Direct Entry,

Subcatchment 47P: PDA-47 (pervious)

Hydrograph



Hydrograph for Subcatchment 47P: PDA-47 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.01
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.01
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.01
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.01
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.01
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.01
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.01
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.01
6.35	0.50	0.00	0.00	8.95	0.84	0.01	0.01
6.40	0.50	0.00	0.00	9.00	0.85	0.01	0.02
6.45	0.51	0.00	0.00	9.05	0.86	0.01	0.02
6.50	0.51	0.00	0.00	9.10	0.87	0.01	0.02
6.55	0.52	0.00	0.00	9.15	0.87	0.01	0.02
6.60	0.52	0.00	0.00	9.20	0.88	0.01	0.02
6.65	0.53	0.00	0.00	9.25	0.89	0.01	0.02
6.70	0.53	0.00	0.00	9.30	0.90	0.01	0.02
6.75	0.54	0.00	0.00	9.35	0.91	0.01	0.03
6.80	0.54	0.00	0.00	9.40	0.92	0.01	0.03
6.85	0.55	0.00	0.00	9.45	0.93	0.01	0.03
6.90	0.56	0.00	0.00	9.50	0.94	0.02	0.03
6.95	0.56	0.00	0.00	9.55	0.95	0.02	0.03
7.00	0.57	0.00	0.00	9.60	0.96	0.02	0.04
7.05	0.57	0.00	0.00	9.65	0.98	0.02	0.04
7.10	0.58	0.00	0.00	9.70	0.99	0.02	0.04
7.15	0.58	0.00	0.00	9.75	1.00	0.02	0.04
7.20	0.59	0.00	0.00	9.80	1.01	0.02	0.05
7.25	0.60	0.00	0.00	9.85	1.02	0.03	0.05
7.30	0.60	0.00	0.00	9.90	1.03	0.03	0.05
7.35	0.61	0.00	0.00	9.95	1.05	0.03	0.06
7.40	0.62	0.00	0.00	10.00	1.06	0.03	0.06
7.45	0.62	0.00	0.00	10.05	1.07	0.04	0.06
7.50	0.63	0.00	0.00	10.10	1.09	0.04	0.07
7.55	0.64	0.00	0.00	10.15	1.10	0.04	0.07
7.60	0.64	0.00	0.00	10.20	1.11	0.04	0.07
7.65	0.65	0.00	0.00	10.25	1.13	0.05	0.08
7.70	0.65	0.00	0.00	10.30	1.14	0.05	0.08
7.75	0.66	0.00	0.00	10.35	1.15	0.05	0.08

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.05	0.09	13.00	4.42	1.91	0.87
10.45	1.18	0.06	0.09	13.05	4.44	1.93	0.82
10.50	1.20	0.06	0.09	13.10	4.46	1.94	0.78
10.55	1.21	0.06	0.10	13.15	4.48	1.96	0.73
10.60	1.23	0.07	0.10	13.20	4.50	1.98	0.69
10.65	1.25	0.07	0.11	13.25	4.52	1.99	0.66
10.70	1.27	0.08	0.12	13.30	4.54	2.01	0.63
10.75	1.29	0.08	0.12	13.35	4.56	2.02	0.60
10.80	1.31	0.09	0.13	13.40	4.58	2.03	0.57
10.85	1.33	0.09	0.14	13.45	4.60	2.05	0.55
10.90	1.35	0.10	0.15	13.50	4.61	2.06	0.53
10.95	1.37	0.11	0.16	13.55	4.63	2.07	0.50
11.00	1.39	0.11	0.18	13.60	4.64	2.08	0.48
11.05	1.42	0.12	0.19	13.65	4.66	2.09	0.46
11.10	1.45	0.13	0.20	13.70	4.67	2.10	0.44
11.15	1.48	0.14	0.22	13.75	4.68	2.12	0.42
11.20	1.51	0.15	0.23	13.80	4.70	2.13	0.41
11.25	1.54	0.16	0.25	13.85	4.71	2.14	0.40
11.30	1.57	0.17	0.28	13.90	4.72	2.15	0.39
11.35	1.61	0.18	0.30	13.95	4.74	2.16	0.38
11.40	1.64	0.20	0.33	14.00	4.75	2.17	0.37
11.45	1.68	0.21	0.35	14.05	4.76	2.18	0.37
11.50	1.72	0.23	0.38	14.10	4.78	2.19	0.36
11.55	1.78	0.25	0.41	14.15	4.79	2.20	0.35
11.60	1.83	0.28	0.45	14.20	4.80	2.21	0.35
11.65	1.90	0.30	0.51	14.25	4.81	2.21	0.34
11.70	1.96	0.33	0.59	14.30	4.82	2.22	0.34
11.75	2.04	0.37	0.67	14.35	4.83	2.23	0.33
11.80	2.13	0.41	0.77	14.40	4.85	2.24	0.32
11.85	2.25	0.47	0.88	14.45	4.86	2.25	0.32
11.90	2.36	0.53	1.03	14.50	4.87	2.26	0.31
11.95	2.57	0.65	1.23	14.55	4.88	2.27	0.31
12.00	2.77	0.77	1.52	14.60	4.89	2.27	0.30
12.05	3.11	0.98	1.95	14.65	4.90	2.28	0.30
12.10	3.45	1.20	2.58	14.70	4.91	2.29	0.29
12.15	3.56	1.28	3.40	14.75	4.92	2.30	0.29
12.20	3.68	1.37	4.20	14.80	4.93	2.31	0.28
12.25	3.77	1.43	4.60	14.85	4.94	2.31	0.27
12.30	3.85	1.49	4.48	14.90	4.94	2.32	0.27
12.35	3.91	1.53	4.01	14.95	4.95	2.33	0.26
12.40	3.98	1.58	3.41	15.00	4.96	2.33	0.26
12.45	4.03	1.62	2.89	15.05	4.97	2.34	0.25
12.50	4.09	1.67	2.48	15.10	4.98	2.35	0.25
12.55	4.13	1.69	2.16	15.15	4.99	2.35	0.24
12.60	4.17	1.72	1.91	15.20	4.99	2.36	0.23
12.65	4.20	1.75	1.69	15.25	5.00	2.37	0.23
12.70	4.24	1.77	1.49	15.30	5.01	2.37	0.23
12.75	4.27	1.80	1.32	15.35	5.02	2.38	0.22
12.80	4.30	1.82	1.18	15.40	5.03	2.38	0.22
12.85	4.33	1.85	1.08	15.45	5.03	2.39	0.22
12.90	4.36	1.87	1.00	15.50	5.04	2.40	0.22
12.95	4.39	1.89	0.93	15.55	5.05	2.40	0.21

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	2.41	0.21	18.20	5.37	2.66	0.13
15.65	5.06	2.41	0.21	18.25	5.37	2.67	0.13
15.70	5.07	2.42	0.21	18.30	5.38	2.67	0.13
15.75	5.08	2.43	0.21	18.35	5.38	2.67	0.13
15.80	5.09	2.43	0.21	18.40	5.39	2.68	0.13
15.85	5.09	2.44	0.21	18.45	5.39	2.68	0.13
15.90	5.10	2.44	0.20	18.50	5.40	2.68	0.13
15.95	5.11	2.45	0.20	18.55	5.40	2.69	0.13
16.00	5.11	2.46	0.20	18.60	5.40	2.69	0.13
16.05	5.12	2.46	0.20	18.65	5.41	2.69	0.13
16.10	5.13	2.47	0.20	18.70	5.41	2.70	0.13
16.15	5.13	2.47	0.20	18.75	5.42	2.70	0.13
16.20	5.14	2.48	0.19	18.80	5.42	2.71	0.13
16.25	5.15	2.48	0.19	18.85	5.43	2.71	0.13
16.30	5.16	2.49	0.19	18.90	5.43	2.71	0.13
16.35	5.16	2.49	0.19	18.95	5.44	2.72	0.13
16.40	5.17	2.50	0.19	19.00	5.44	2.72	0.12
16.45	5.17	2.50	0.19	19.05	5.44	2.72	0.12
16.50	5.18	2.51	0.19	19.10	5.45	2.73	0.12
16.55	5.19	2.52	0.18	19.15	5.45	2.73	0.12
16.60	5.19	2.52	0.18	19.20	5.46	2.73	0.12
16.65	5.20	2.53	0.18	19.25	5.46	2.74	0.12
16.70	5.21	2.53	0.18	19.30	5.47	2.74	0.12
16.75	5.21	2.54	0.18	19.35	5.47	2.75	0.12
16.80	5.22	2.54	0.18	19.40	5.48	2.75	0.12
16.85	5.23	2.55	0.18	19.45	5.48	2.75	0.12
16.90	5.23	2.55	0.17	19.50	5.48	2.76	0.12
16.95	5.24	2.55	0.17	19.55	5.49	2.76	0.12
17.00	5.24	2.56	0.17	19.60	5.49	2.76	0.12
17.05	5.25	2.56	0.17	19.65	5.50	2.77	0.12
17.10	5.25	2.57	0.17	19.70	5.50	2.77	0.12
17.15	5.26	2.57	0.17	19.75	5.50	2.77	0.12
17.20	5.27	2.58	0.16	19.80	5.51	2.78	0.12
17.25	5.27	2.58	0.16	19.85	5.51	2.78	0.12
17.30	5.28	2.59	0.16	19.90	5.52	2.78	0.12
17.35	5.28	2.59	0.16	19.95	5.52	2.79	0.12
17.40	5.29	2.60	0.16	20.00	5.53	2.79	0.12
17.45	5.29	2.60	0.16	20.05	5.53	2.79	0.12
17.50	5.30	2.61	0.16	20.10	5.53	2.80	0.12
17.55	5.30	2.61	0.15	20.15	5.54	2.80	0.12
17.60	5.31	2.61	0.15	20.20	5.54	2.80	0.12
17.65	5.31	2.62	0.15	20.25	5.55	2.81	0.12
17.70	5.32	2.62	0.15	20.30	5.55	2.81	0.11
17.75	5.33	2.63	0.15	20.35	5.55	2.81	0.11
17.80	5.33	2.63	0.15	20.40	5.56	2.82	0.11
17.85	5.34	2.63	0.14	20.45	5.56	2.82	0.11
17.90	5.34	2.64	0.14	20.50	5.57	2.82	0.11
17.95	5.34	2.64	0.14	20.55	5.57	2.83	0.11
18.00	5.35	2.65	0.14	20.60	5.57	2.83	0.11
18.05	5.35	2.65	0.14	20.65	5.58	2.83	0.11
18.10	5.36	2.65	0.14	20.70	5.58	2.84	0.11
18.15	5.36	2.66	0.14	20.75	5.59	2.84	0.11

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	2.84	0.11	23.40	5.77	2.99	0.09
20.85	5.59	2.85	0.11	23.45	5.78	3.00	0.09
20.90	5.60	2.85	0.11	23.50	5.78	3.00	0.09
20.95	5.60	2.85	0.11	23.55	5.78	3.00	0.09
21.00	5.61	2.86	0.11	23.60	5.78	3.00	0.09
21.05	5.61	2.86	0.11	23.65	5.79	3.01	0.09
21.10	5.61	2.86	0.11	23.70	5.79	3.01	0.09
21.15	5.62	2.87	0.11	23.75	5.79	3.01	0.09
21.20	5.62	2.87	0.11	23.80	5.80	3.01	0.09
21.25	5.62	2.87	0.11	23.85	5.80	3.02	0.09
21.30	5.63	2.87	0.11	23.90	5.80	3.02	0.09
21.35	5.63	2.88	0.11	23.95	5.81	3.02	0.09
21.40	5.64	2.88	0.11	24.00	5.81	3.03	0.09
21.45	5.64	2.88	0.11	24.05	5.81	3.03	0.09
21.50	5.64	2.89	0.11	24.10	5.81	3.03	0.09
21.55	5.65	2.89	0.11	24.15	5.81	3.03	0.08
21.60	5.65	2.89	0.11	24.20	5.81	3.03	0.06
21.65	5.65	2.90	0.10	24.25	5.81	3.03	0.05
21.70	5.66	2.90	0.10	24.30	5.81	3.03	0.03
21.75	5.66	2.90	0.10	24.35	5.81	3.03	0.02
21.80	5.66	2.90	0.10	24.40	5.81	3.03	0.01
21.85	5.67	2.91	0.10	24.45	5.81	3.03	0.01
21.90	5.67	2.91	0.10	24.50	5.81	3.03	0.01
21.95	5.68	2.91	0.10	24.55	5.81	3.03	0.00
22.00	5.68	2.92	0.10	24.60	5.81	3.03	0.00
22.05	5.68	2.92	0.10	24.65	5.81	3.03	0.00
22.10	5.69	2.92	0.10	24.70	5.81	3.03	0.00
22.15	5.69	2.93	0.10	24.75	5.81	3.03	0.00
22.20	5.69	2.93	0.10	24.80	5.81	3.03	0.00
22.25	5.70	2.93	0.10	24.85	5.81	3.03	0.00
22.30	5.70	2.93	0.10	24.90	5.81	3.03	0.00
22.35	5.70	2.94	0.10	24.95	5.81	3.03	0.00
22.40	5.71	2.94	0.10	25.00	5.81	3.03	0.00
22.45	5.71	2.94	0.10	25.05	5.81	3.03	0.00
22.50	5.71	2.95	0.10	25.10	5.81	3.03	0.00
22.55	5.72	2.95	0.10	25.15	5.81	3.03	0.00
22.60	5.72	2.95	0.10	25.20	5.81	3.03	0.00
22.65	5.72	2.95	0.10	25.25	5.81	3.03	0.00
22.70	5.73	2.96	0.10	25.30	5.81	3.03	0.00
22.75	5.73	2.96	0.10	25.35	5.81	3.03	0.00
22.80	5.73	2.96	0.10	25.40	5.81	3.03	0.00
22.85	5.74	2.96	0.10	25.45	5.81	3.03	0.00
22.90	5.74	2.97	0.09	25.50	5.81	3.03	0.00
22.95	5.74	2.97	0.09	25.55	5.81	3.03	0.00
23.00	5.75	2.97	0.09	25.60	5.81	3.03	0.00
23.05	5.75	2.98	0.09	25.65	5.81	3.03	0.00
23.10	5.75	2.98	0.09	25.70	5.81	3.03	0.00
23.15	5.76	2.98	0.09	25.75	5.81	3.03	0.00
23.20	5.76	2.98	0.09	25.80	5.81	3.03	0.00
23.25	5.76	2.99	0.09	25.85	5.81	3.03	0.00
23.30	5.77	2.99	0.09	25.90	5.81	3.03	0.00
23.35	5.77	2.99	0.09	25.95	5.81	3.03	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	3.03	0.00	28.60	5.81	3.03	0.00
26.05	5.81	3.03	0.00	28.65	5.81	3.03	0.00
26.10	5.81	3.03	0.00	28.70	5.81	3.03	0.00
26.15	5.81	3.03	0.00	28.75	5.81	3.03	0.00
26.20	5.81	3.03	0.00	28.80	5.81	3.03	0.00
26.25	5.81	3.03	0.00	28.85	5.81	3.03	0.00
26.30	5.81	3.03	0.00	28.90	5.81	3.03	0.00
26.35	5.81	3.03	0.00	28.95	5.81	3.03	0.00
26.40	5.81	3.03	0.00	29.00	5.81	3.03	0.00
26.45	5.81	3.03	0.00	29.05	5.81	3.03	0.00
26.50	5.81	3.03	0.00	29.10	5.81	3.03	0.00
26.55	5.81	3.03	0.00	29.15	5.81	3.03	0.00
26.60	5.81	3.03	0.00	29.20	5.81	3.03	0.00
26.65	5.81	3.03	0.00	29.25	5.81	3.03	0.00
26.70	5.81	3.03	0.00	29.30	5.81	3.03	0.00
26.75	5.81	3.03	0.00	29.35	5.81	3.03	0.00
26.80	5.81	3.03	0.00	29.40	5.81	3.03	0.00
26.85	5.81	3.03	0.00	29.45	5.81	3.03	0.00
26.90	5.81	3.03	0.00	29.50	5.81	3.03	0.00
26.95	5.81	3.03	0.00	29.55	5.81	3.03	0.00
27.00	5.81	3.03	0.00	29.60	5.81	3.03	0.00
27.05	5.81	3.03	0.00	29.65	5.81	3.03	0.00
27.10	5.81	3.03	0.00	29.70	5.81	3.03	0.00
27.15	5.81	3.03	0.00	29.75	5.81	3.03	0.00
27.20	5.81	3.03	0.00	29.80	5.81	3.03	0.00
27.25	5.81	3.03	0.00	29.85	5.81	3.03	0.00
27.30	5.81	3.03	0.00	29.90	5.81	3.03	0.00
27.35	5.81	3.03	0.00	29.95	5.81	3.03	0.00
27.40	5.81	3.03	0.00	30.00	5.81	3.03	0.00
27.45	5.81	3.03	0.00	30.05	5.81	3.03	0.00
27.50	5.81	3.03	0.00	30.10	5.81	3.03	0.00
27.55	5.81	3.03	0.00	30.15	5.81	3.03	0.00
27.60	5.81	3.03	0.00	30.20	5.81	3.03	0.00
27.65	5.81	3.03	0.00	30.25	5.81	3.03	0.00
27.70	5.81	3.03	0.00	30.30	5.81	3.03	0.00
27.75	5.81	3.03	0.00	30.35	5.81	3.03	0.00
27.80	5.81	3.03	0.00	30.40	5.81	3.03	0.00
27.85	5.81	3.03	0.00	30.45	5.81	3.03	0.00
27.90	5.81	3.03	0.00	30.50	5.81	3.03	0.00
27.95	5.81	3.03	0.00	30.55	5.81	3.03	0.00
28.00	5.81	3.03	0.00	30.60	5.81	3.03	0.00
28.05	5.81	3.03	0.00	30.65	5.81	3.03	0.00
28.10	5.81	3.03	0.00	30.70	5.81	3.03	0.00
28.15	5.81	3.03	0.00	30.75	5.81	3.03	0.00
28.20	5.81	3.03	0.00	30.80	5.81	3.03	0.00
28.25	5.81	3.03	0.00	30.85	5.81	3.03	0.00
28.30	5.81	3.03	0.00	30.90	5.81	3.03	0.00
28.35	5.81	3.03	0.00	30.95	5.81	3.03	0.00
28.40	5.81	3.03	0.00	31.00	5.81	3.03	0.00
28.45	5.81	3.03	0.00	31.05	5.81	3.03	0.00
28.50	5.81	3.03	0.00	31.10	5.81	3.03	0.00
28.55	5.81	3.03	0.00	31.15	5.81	3.03	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	3.03	0.00	33.80	5.81	3.03	0.00
31.25	5.81	3.03	0.00	33.85	5.81	3.03	0.00
31.30	5.81	3.03	0.00	33.90	5.81	3.03	0.00
31.35	5.81	3.03	0.00	33.95	5.81	3.03	0.00
31.40	5.81	3.03	0.00	34.00	5.81	3.03	0.00
31.45	5.81	3.03	0.00	34.05	5.81	3.03	0.00
31.50	5.81	3.03	0.00	34.10	5.81	3.03	0.00
31.55	5.81	3.03	0.00	34.15	5.81	3.03	0.00
31.60	5.81	3.03	0.00	34.20	5.81	3.03	0.00
31.65	5.81	3.03	0.00	34.25	5.81	3.03	0.00
31.70	5.81	3.03	0.00	34.30	5.81	3.03	0.00
31.75	5.81	3.03	0.00	34.35	5.81	3.03	0.00
31.80	5.81	3.03	0.00	34.40	5.81	3.03	0.00
31.85	5.81	3.03	0.00	34.45	5.81	3.03	0.00
31.90	5.81	3.03	0.00	34.50	5.81	3.03	0.00
31.95	5.81	3.03	0.00	34.55	5.81	3.03	0.00
32.00	5.81	3.03	0.00	34.60	5.81	3.03	0.00
32.05	5.81	3.03	0.00	34.65	5.81	3.03	0.00
32.10	5.81	3.03	0.00	34.70	5.81	3.03	0.00
32.15	5.81	3.03	0.00	34.75	5.81	3.03	0.00
32.20	5.81	3.03	0.00	34.80	5.81	3.03	0.00
32.25	5.81	3.03	0.00	34.85	5.81	3.03	0.00
32.30	5.81	3.03	0.00	34.90	5.81	3.03	0.00
32.35	5.81	3.03	0.00	34.95	5.81	3.03	0.00
32.40	5.81	3.03	0.00	35.00	5.81	3.03	0.00
32.45	5.81	3.03	0.00	35.05	5.81	3.03	0.00
32.50	5.81	3.03	0.00	35.10	5.81	3.03	0.00
32.55	5.81	3.03	0.00	35.15	5.81	3.03	0.00
32.60	5.81	3.03	0.00	35.20	5.81	3.03	0.00
32.65	5.81	3.03	0.00	35.25	5.81	3.03	0.00
32.70	5.81	3.03	0.00	35.30	5.81	3.03	0.00
32.75	5.81	3.03	0.00	35.35	5.81	3.03	0.00
32.80	5.81	3.03	0.00	35.40	5.81	3.03	0.00
32.85	5.81	3.03	0.00	35.45	5.81	3.03	0.00
32.90	5.81	3.03	0.00	35.50	5.81	3.03	0.00
32.95	5.81	3.03	0.00	35.55	5.81	3.03	0.00
33.00	5.81	3.03	0.00	35.60	5.81	3.03	0.00
33.05	5.81	3.03	0.00	35.65	5.81	3.03	0.00
33.10	5.81	3.03	0.00	35.70	5.81	3.03	0.00
33.15	5.81	3.03	0.00	35.75	5.81	3.03	0.00
33.20	5.81	3.03	0.00	35.80	5.81	3.03	0.00
33.25	5.81	3.03	0.00	35.85	5.81	3.03	0.00
33.30	5.81	3.03	0.00	35.90	5.81	3.03	0.00
33.35	5.81	3.03	0.00	35.95	5.81	3.03	0.00
33.40	5.81	3.03	0.00	36.00	5.81	3.03	0.00
33.45	5.81	3.03	0.00	36.05	5.81	3.03	0.00
33.50	5.81	3.03	0.00	36.10	5.81	3.03	0.00
33.55	5.81	3.03	0.00	36.15	5.81	3.03	0.00
33.60	5.81	3.03	0.00	36.20	5.81	3.03	0.00
33.65	5.81	3.03	0.00	36.25	5.81	3.03	0.00
33.70	5.81	3.03	0.00	36.30	5.81	3.03	0.00
33.75	5.81	3.03	0.00	36.35	5.81	3.03	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	3.03	0.00	39.00	5.81	3.03	0.00
36.45	5.81	3.03	0.00	39.05	5.81	3.03	0.00
36.50	5.81	3.03	0.00	39.10	5.81	3.03	0.00
36.55	5.81	3.03	0.00	39.15	5.81	3.03	0.00
36.60	5.81	3.03	0.00	39.20	5.81	3.03	0.00
36.65	5.81	3.03	0.00	39.25	5.81	3.03	0.00
36.70	5.81	3.03	0.00	39.30	5.81	3.03	0.00
36.75	5.81	3.03	0.00	39.35	5.81	3.03	0.00
36.80	5.81	3.03	0.00	39.40	5.81	3.03	0.00
36.85	5.81	3.03	0.00	39.45	5.81	3.03	0.00
36.90	5.81	3.03	0.00	39.50	5.81	3.03	0.00
36.95	5.81	3.03	0.00	39.55	5.81	3.03	0.00
37.00	5.81	3.03	0.00	39.60	5.81	3.03	0.00
37.05	5.81	3.03	0.00	39.65	5.81	3.03	0.00
37.10	5.81	3.03	0.00	39.70	5.81	3.03	0.00
37.15	5.81	3.03	0.00	39.75	5.81	3.03	0.00
37.20	5.81	3.03	0.00	39.80	5.81	3.03	0.00
37.25	5.81	3.03	0.00	39.85	5.81	3.03	0.00
37.30	5.81	3.03	0.00	39.90	5.81	3.03	0.00
37.35	5.81	3.03	0.00	39.95	5.81	3.03	0.00
37.40	5.81	3.03	0.00	40.00	5.81	3.03	0.00
37.45	5.81	3.03	0.00				
37.50	5.81	3.03	0.00				
37.55	5.81	3.03	0.00				
37.60	5.81	3.03	0.00				
37.65	5.81	3.03	0.00				
37.70	5.81	3.03	0.00				
37.75	5.81	3.03	0.00				
37.80	5.81	3.03	0.00				
37.85	5.81	3.03	0.00				
37.90	5.81	3.03	0.00				
37.95	5.81	3.03	0.00				
38.00	5.81	3.03	0.00				
38.05	5.81	3.03	0.00				
38.10	5.81	3.03	0.00				
38.15	5.81	3.03	0.00				
38.20	5.81	3.03	0.00				
38.25	5.81	3.03	0.00				
38.30	5.81	3.03	0.00				
38.35	5.81	3.03	0.00				
38.40	5.81	3.03	0.00				
38.45	5.81	3.03	0.00				
38.50	5.81	3.03	0.00				
38.55	5.81	3.03	0.00				
38.60	5.81	3.03	0.00				
38.65	5.81	3.03	0.00				
38.70	5.81	3.03	0.00				
38.75	5.81	3.03	0.00				
38.80	5.81	3.03	0.00				
38.85	5.81	3.03	0.00				
38.90	5.81	3.03	0.00				
38.95	5.81	3.03	0.00				

Summary for Subcatchment UPDA-4: PDA-4 (undetained)

Runoff = 9.19 cfs @ 12.74 hrs, Volume= 1.588 af, Depth= 1.64"

Routed to Link PDA-4 : Proposed Drainage Area #4

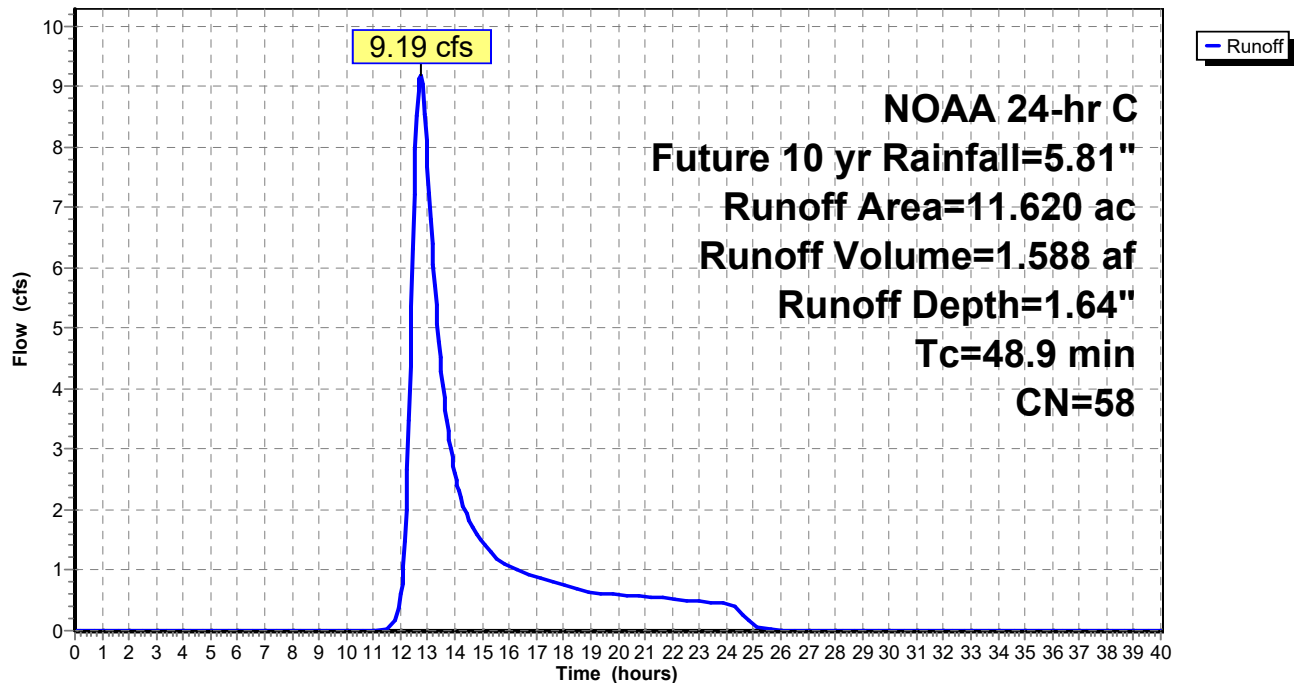
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 10 yr Rainfall=5.81"

Area (ac)	CN	Description
9.300	55	Woods, Good, HSG B
1.740	70	Woods, Good, HSG C
0.580	77	Woods, Good, HSG D
11.620	58	Weighted Average
11.620		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
48.9					Direct Entry,

Subcatchment UPDA-4: PDA-4 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.17	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.18	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.18	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.19	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.19	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.19	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.20	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.20	0.00	0.00
0.40	0.03	0.00	0.00	3.00	0.20	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.21	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.21	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.22	0.00	0.00
0.60	0.04	0.00	0.00	3.20	0.22	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.22	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.23	0.00	0.00
0.75	0.05	0.00	0.00	3.35	0.23	0.00	0.00
0.80	0.05	0.00	0.00	3.40	0.24	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.24	0.00	0.00
0.90	0.06	0.00	0.00	3.50	0.24	0.00	0.00
0.95	0.06	0.00	0.00	3.55	0.25	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.25	0.00	0.00
1.05	0.07	0.00	0.00	3.65	0.26	0.00	0.00
1.10	0.07	0.00	0.00	3.70	0.26	0.00	0.00
1.15	0.07	0.00	0.00	3.75	0.26	0.00	0.00
1.20	0.08	0.00	0.00	3.80	0.27	0.00	0.00
1.25	0.08	0.00	0.00	3.85	0.27	0.00	0.00
1.30	0.08	0.00	0.00	3.90	0.28	0.00	0.00
1.35	0.09	0.00	0.00	3.95	0.28	0.00	0.00
1.40	0.09	0.00	0.00	4.00	0.28	0.00	0.00
1.45	0.09	0.00	0.00	4.05	0.29	0.00	0.00
1.50	0.10	0.00	0.00	4.10	0.29	0.00	0.00
1.55	0.10	0.00	0.00	4.15	0.30	0.00	0.00
1.60	0.10	0.00	0.00	4.20	0.30	0.00	0.00
1.65	0.11	0.00	0.00	4.25	0.31	0.00	0.00
1.70	0.11	0.00	0.00	4.30	0.31	0.00	0.00
1.75	0.11	0.00	0.00	4.35	0.31	0.00	0.00
1.80	0.12	0.00	0.00	4.40	0.32	0.00	0.00
1.85	0.12	0.00	0.00	4.45	0.32	0.00	0.00
1.90	0.12	0.00	0.00	4.50	0.33	0.00	0.00
1.95	0.13	0.00	0.00	4.55	0.33	0.00	0.00
2.00	0.13	0.00	0.00	4.60	0.33	0.00	0.00
2.05	0.13	0.00	0.00	4.65	0.34	0.00	0.00
2.10	0.14	0.00	0.00	4.70	0.34	0.00	0.00
2.15	0.14	0.00	0.00	4.75	0.35	0.00	0.00
2.20	0.15	0.00	0.00	4.80	0.35	0.00	0.00
2.25	0.15	0.00	0.00	4.85	0.36	0.00	0.00
2.30	0.15	0.00	0.00	4.90	0.36	0.00	0.00
2.35	0.16	0.00	0.00	4.95	0.37	0.00	0.00
2.40	0.16	0.00	0.00	5.00	0.37	0.00	0.00
2.45	0.16	0.00	0.00	5.05	0.37	0.00	0.00
2.50	0.17	0.00	0.00	5.10	0.38	0.00	0.00
2.55	0.17	0.00	0.00	5.15	0.38	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.39	0.00	0.00	7.80	0.67	0.00	0.00
5.25	0.39	0.00	0.00	7.85	0.68	0.00	0.00
5.30	0.40	0.00	0.00	7.90	0.68	0.00	0.00
5.35	0.40	0.00	0.00	7.95	0.69	0.00	0.00
5.40	0.41	0.00	0.00	8.00	0.70	0.00	0.00
5.45	0.41	0.00	0.00	8.05	0.70	0.00	0.00
5.50	0.41	0.00	0.00	8.10	0.71	0.00	0.00
5.55	0.42	0.00	0.00	8.15	0.72	0.00	0.00
5.60	0.42	0.00	0.00	8.20	0.72	0.00	0.00
5.65	0.43	0.00	0.00	8.25	0.73	0.00	0.00
5.70	0.43	0.00	0.00	8.30	0.74	0.00	0.00
5.75	0.44	0.00	0.00	8.35	0.75	0.00	0.00
5.80	0.44	0.00	0.00	8.40	0.75	0.00	0.00
5.85	0.45	0.00	0.00	8.45	0.76	0.00	0.00
5.90	0.45	0.00	0.00	8.50	0.77	0.00	0.00
5.95	0.46	0.00	0.00	8.55	0.78	0.00	0.00
6.00	0.46	0.00	0.00	8.60	0.78	0.00	0.00
6.05	0.47	0.00	0.00	8.65	0.79	0.00	0.00
6.10	0.47	0.00	0.00	8.70	0.80	0.00	0.00
6.15	0.47	0.00	0.00	8.75	0.81	0.00	0.00
6.20	0.48	0.00	0.00	8.80	0.82	0.00	0.00
6.25	0.48	0.00	0.00	8.85	0.82	0.00	0.00
6.30	0.49	0.00	0.00	8.90	0.83	0.00	0.00
6.35	0.50	0.00	0.00	8.95	0.84	0.00	0.00
6.40	0.50	0.00	0.00	9.00	0.85	0.00	0.00
6.45	0.51	0.00	0.00	9.05	0.86	0.00	0.00
6.50	0.51	0.00	0.00	9.10	0.87	0.00	0.00
6.55	0.52	0.00	0.00	9.15	0.87	0.00	0.00
6.60	0.52	0.00	0.00	9.20	0.88	0.00	0.00
6.65	0.53	0.00	0.00	9.25	0.89	0.00	0.00
6.70	0.53	0.00	0.00	9.30	0.90	0.00	0.00
6.75	0.54	0.00	0.00	9.35	0.91	0.00	0.00
6.80	0.54	0.00	0.00	9.40	0.92	0.00	0.00
6.85	0.55	0.00	0.00	9.45	0.93	0.00	0.00
6.90	0.56	0.00	0.00	9.50	0.94	0.00	0.00
6.95	0.56	0.00	0.00	9.55	0.95	0.00	0.00
7.00	0.57	0.00	0.00	9.60	0.96	0.00	0.00
7.05	0.57	0.00	0.00	9.65	0.98	0.00	0.00
7.10	0.58	0.00	0.00	9.70	0.99	0.00	0.00
7.15	0.58	0.00	0.00	9.75	1.00	0.00	0.00
7.20	0.59	0.00	0.00	9.80	1.01	0.00	0.00
7.25	0.60	0.00	0.00	9.85	1.02	0.00	0.00
7.30	0.60	0.00	0.00	9.90	1.03	0.00	0.00
7.35	0.61	0.00	0.00	9.95	1.05	0.00	0.00
7.40	0.62	0.00	0.00	10.00	1.06	0.00	0.00
7.45	0.62	0.00	0.00	10.05	1.07	0.00	0.00
7.50	0.63	0.00	0.00	10.10	1.09	0.00	0.00
7.55	0.64	0.00	0.00	10.15	1.10	0.00	0.00
7.60	0.64	0.00	0.00	10.20	1.11	0.00	0.00
7.65	0.65	0.00	0.00	10.25	1.13	0.00	0.00
7.70	0.65	0.00	0.00	10.30	1.14	0.00	0.00
7.75	0.66	0.00	0.00	10.35	1.15	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.17	0.00	0.00	13.00	4.42	0.86	7.69
10.45	1.18	0.00	0.00	13.05	4.44	0.87	7.24
10.50	1.20	0.00	0.00	13.10	4.46	0.89	6.82
10.55	1.21	0.00	0.00	13.15	4.48	0.90	6.42
10.60	1.23	0.00	0.00	13.20	4.50	0.91	6.05
10.65	1.25	0.00	0.00	13.25	4.52	0.92	5.70
10.70	1.27	0.00	0.00	13.30	4.54	0.93	5.38
10.75	1.29	0.00	0.00	13.35	4.56	0.94	5.07
10.80	1.31	0.00	0.00	13.40	4.58	0.95	4.79
10.85	1.33	0.00	0.00	13.45	4.60	0.95	4.53
10.90	1.35	0.00	0.00	13.50	4.61	0.96	4.29
10.95	1.37	0.00	0.00	13.55	4.63	0.97	4.06
11.00	1.39	0.00	0.00	13.60	4.64	0.98	3.85
11.05	1.42	0.00	0.00	13.65	4.66	0.98	3.66
11.10	1.45	0.00	0.00	13.70	4.67	0.99	3.48
11.15	1.48	0.00	0.00	13.75	4.68	1.00	3.31
11.20	1.51	0.00	0.00	13.80	4.70	1.01	3.15
11.25	1.54	0.00	0.00	13.85	4.71	1.01	3.00
11.30	1.57	0.00	0.00	13.90	4.72	1.02	2.86
11.35	1.61	0.00	0.00	13.95	4.74	1.03	2.73
11.40	1.64	0.00	0.00	14.00	4.75	1.03	2.61
11.45	1.68	0.01	0.01	14.05	4.76	1.04	2.51
11.50	1.72	0.01	0.02	14.10	4.78	1.05	2.40
11.55	1.78	0.01	0.03	14.15	4.79	1.05	2.31
11.60	1.83	0.02	0.04	14.20	4.80	1.06	2.23
11.65	1.90	0.03	0.06	14.25	4.81	1.07	2.15
11.70	1.96	0.03	0.09	14.30	4.82	1.07	2.08
11.75	2.04	0.05	0.13	14.35	4.83	1.08	2.01
11.80	2.13	0.06	0.18	14.40	4.85	1.08	1.96
11.85	2.25	0.08	0.24	14.45	4.86	1.09	1.90
11.90	2.36	0.10	0.33	14.50	4.87	1.10	1.85
11.95	2.57	0.15	0.44	14.55	4.88	1.10	1.81
12.00	2.77	0.20	0.60	14.60	4.89	1.11	1.76
12.05	3.11	0.31	0.80	14.65	4.90	1.11	1.72
12.10	3.45	0.43	1.08	14.70	4.91	1.12	1.68
12.15	3.56	0.48	1.49	14.75	4.92	1.12	1.64
12.20	3.68	0.53	2.01	14.80	4.93	1.13	1.61
12.25	3.77	0.56	2.68	14.85	4.94	1.13	1.57
12.30	3.85	0.60	3.48	14.90	4.94	1.14	1.54
12.35	3.91	0.63	4.39	14.95	4.95	1.14	1.51
12.40	3.98	0.65	5.37	15.00	4.96	1.15	1.48
12.45	4.03	0.68	6.33	15.05	4.97	1.15	1.45
12.50	4.09	0.71	7.21	15.10	4.98	1.16	1.42
12.55	4.13	0.73	7.96	15.15	4.99	1.16	1.40
12.60	4.17	0.74	8.52	15.20	4.99	1.17	1.37
12.65	4.20	0.76	8.93	15.25	5.00	1.17	1.34
12.70	4.24	0.78	9.13	15.30	5.01	1.17	1.31
12.75	4.27	0.79	9.18	15.35	5.02	1.18	1.29
12.80	4.30	0.81	9.09	15.40	5.03	1.18	1.26
12.85	4.33	0.82	8.86	15.45	5.03	1.19	1.24
12.90	4.36	0.84	8.54	15.50	5.04	1.19	1.21
12.95	4.39	0.85	8.12	15.55	5.05	1.20	1.19

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	5.06	1.20	1.17	18.20	5.37	1.38	0.72
15.65	5.06	1.20	1.15	18.25	5.37	1.38	0.71
15.70	5.07	1.21	1.13	18.30	5.38	1.38	0.71
15.75	5.08	1.21	1.12	18.35	5.38	1.38	0.70
15.80	5.09	1.22	1.10	18.40	5.39	1.39	0.69
15.85	5.09	1.22	1.09	18.45	5.39	1.39	0.69
15.90	5.10	1.22	1.07	18.50	5.40	1.39	0.68
15.95	5.11	1.23	1.06	18.55	5.40	1.40	0.67
16.00	5.11	1.23	1.05	18.60	5.40	1.40	0.67
16.05	5.12	1.24	1.04	18.65	5.41	1.40	0.66
16.10	5.13	1.24	1.03	18.70	5.41	1.40	0.66
16.15	5.13	1.24	1.02	18.75	5.42	1.41	0.65
16.20	5.14	1.25	1.01	18.80	5.42	1.41	0.65
16.25	5.15	1.25	1.00	18.85	5.43	1.41	0.65
16.30	5.16	1.26	0.99	18.90	5.43	1.41	0.64
16.35	5.16	1.26	0.99	18.95	5.44	1.42	0.64
16.40	5.17	1.26	0.98	19.00	5.44	1.42	0.64
16.45	5.17	1.27	0.97	19.05	5.44	1.42	0.63
16.50	5.18	1.27	0.96	19.10	5.45	1.42	0.63
16.55	5.19	1.27	0.96	19.15	5.45	1.43	0.63
16.60	5.19	1.28	0.95	19.20	5.46	1.43	0.63
16.65	5.20	1.28	0.94	19.25	5.46	1.43	0.62
16.70	5.21	1.28	0.93	19.30	5.47	1.43	0.62
16.75	5.21	1.29	0.93	19.35	5.47	1.44	0.62
16.80	5.22	1.29	0.92	19.40	5.48	1.44	0.62
16.85	5.23	1.29	0.91	19.45	5.48	1.44	0.61
16.90	5.23	1.30	0.91	19.50	5.48	1.44	0.61
16.95	5.24	1.30	0.90	19.55	5.49	1.45	0.61
17.00	5.24	1.30	0.89	19.60	5.49	1.45	0.61
17.05	5.25	1.31	0.88	19.65	5.50	1.45	0.61
17.10	5.25	1.31	0.88	19.70	5.50	1.45	0.61
17.15	5.26	1.31	0.87	19.75	5.50	1.46	0.60
17.20	5.27	1.32	0.86	19.80	5.51	1.46	0.60
17.25	5.27	1.32	0.86	19.85	5.51	1.46	0.60
17.30	5.28	1.32	0.85	19.90	5.52	1.46	0.60
17.35	5.28	1.33	0.84	19.95	5.52	1.47	0.60
17.40	5.29	1.33	0.84	20.00	5.53	1.47	0.59
17.45	5.29	1.33	0.83	20.05	5.53	1.47	0.59
17.50	5.30	1.34	0.82	20.10	5.53	1.47	0.59
17.55	5.30	1.34	0.81	20.15	5.54	1.48	0.59
17.60	5.31	1.34	0.81	20.20	5.54	1.48	0.59
17.65	5.31	1.35	0.80	20.25	5.55	1.48	0.59
17.70	5.32	1.35	0.79	20.30	5.55	1.48	0.59
17.75	5.33	1.35	0.79	20.35	5.55	1.49	0.58
17.80	5.33	1.35	0.78	20.40	5.56	1.49	0.58
17.85	5.34	1.36	0.77	20.45	5.56	1.49	0.58
17.90	5.34	1.36	0.77	20.50	5.57	1.49	0.58
17.95	5.34	1.36	0.76	20.55	5.57	1.50	0.58
18.00	5.35	1.37	0.75	20.60	5.57	1.50	0.57
18.05	5.35	1.37	0.74	20.65	5.58	1.50	0.57
18.10	5.36	1.37	0.74	20.70	5.58	1.50	0.57
18.15	5.36	1.37	0.73	20.75	5.59	1.50	0.57

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	5.59	1.51	0.57	23.40	5.77	1.62	0.47
20.85	5.59	1.51	0.57	23.45	5.78	1.62	0.47
20.90	5.60	1.51	0.56	23.50	5.78	1.62	0.47
20.95	5.60	1.51	0.56	23.55	5.78	1.62	0.47
21.00	5.61	1.52	0.56	23.60	5.78	1.62	0.47
21.05	5.61	1.52	0.56	23.65	5.79	1.63	0.47
21.10	5.61	1.52	0.56	23.70	5.79	1.63	0.46
21.15	5.62	1.52	0.56	23.75	5.79	1.63	0.46
21.20	5.62	1.52	0.55	23.80	5.80	1.63	0.46
21.25	5.62	1.53	0.55	23.85	5.80	1.63	0.46
21.30	5.63	1.53	0.55	23.90	5.80	1.64	0.46
21.35	5.63	1.53	0.55	23.95	5.81	1.64	0.45
21.40	5.64	1.53	0.55	24.00	5.81	1.64	0.45
21.45	5.64	1.54	0.55	24.05	5.81	1.64	0.45
21.50	5.64	1.54	0.54	24.10	5.81	1.64	0.45
21.55	5.65	1.54	0.54	24.15	5.81	1.64	0.45
21.60	5.65	1.54	0.54	24.20	5.81	1.64	0.44
21.65	5.65	1.54	0.54	24.25	5.81	1.64	0.44
21.70	5.66	1.55	0.54	24.30	5.81	1.64	0.43
21.75	5.66	1.55	0.53	24.35	5.81	1.64	0.41
21.80	5.66	1.55	0.53	24.40	5.81	1.64	0.40
21.85	5.67	1.55	0.53	24.45	5.81	1.64	0.37
21.90	5.67	1.56	0.53	24.50	5.81	1.64	0.35
21.95	5.68	1.56	0.53	24.55	5.81	1.64	0.32
22.00	5.68	1.56	0.53	24.60	5.81	1.64	0.29
22.05	5.68	1.56	0.52	24.65	5.81	1.64	0.26
22.10	5.69	1.56	0.52	24.70	5.81	1.64	0.23
22.15	5.69	1.57	0.52	24.75	5.81	1.64	0.20
22.20	5.69	1.57	0.52	24.80	5.81	1.64	0.17
22.25	5.70	1.57	0.52	24.85	5.81	1.64	0.15
22.30	5.70	1.57	0.51	24.90	5.81	1.64	0.12
22.35	5.70	1.57	0.51	24.95	5.81	1.64	0.11
22.40	5.71	1.58	0.51	25.00	5.81	1.64	0.09
22.45	5.71	1.58	0.51	25.05	5.81	1.64	0.08
22.50	5.71	1.58	0.51	25.10	5.81	1.64	0.07
22.55	5.72	1.58	0.51	25.15	5.81	1.64	0.06
22.60	5.72	1.58	0.50	25.20	5.81	1.64	0.05
22.65	5.72	1.59	0.50	25.25	5.81	1.64	0.04
22.70	5.73	1.59	0.50	25.30	5.81	1.64	0.04
22.75	5.73	1.59	0.50	25.35	5.81	1.64	0.03
22.80	5.73	1.59	0.50	25.40	5.81	1.64	0.03
22.85	5.74	1.60	0.50	25.45	5.81	1.64	0.02
22.90	5.74	1.60	0.49	25.50	5.81	1.64	0.02
22.95	5.74	1.60	0.49	25.55	5.81	1.64	0.02
23.00	5.75	1.60	0.49	25.60	5.81	1.64	0.01
23.05	5.75	1.60	0.49	25.65	5.81	1.64	0.01
23.10	5.75	1.60	0.49	25.70	5.81	1.64	0.01
23.15	5.76	1.61	0.48	25.75	5.81	1.64	0.01
23.20	5.76	1.61	0.48	25.80	5.81	1.64	0.01
23.25	5.76	1.61	0.48	25.85	5.81	1.64	0.01
23.30	5.77	1.61	0.48	25.90	5.81	1.64	0.01
23.35	5.77	1.61	0.48	25.95	5.81	1.64	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.81	1.64	0.00	28.60	5.81	1.64	0.00
26.05	5.81	1.64	0.00	28.65	5.81	1.64	0.00
26.10	5.81	1.64	0.00	28.70	5.81	1.64	0.00
26.15	5.81	1.64	0.00	28.75	5.81	1.64	0.00
26.20	5.81	1.64	0.00	28.80	5.81	1.64	0.00
26.25	5.81	1.64	0.00	28.85	5.81	1.64	0.00
26.30	5.81	1.64	0.00	28.90	5.81	1.64	0.00
26.35	5.81	1.64	0.00	28.95	5.81	1.64	0.00
26.40	5.81	1.64	0.00	29.00	5.81	1.64	0.00
26.45	5.81	1.64	0.00	29.05	5.81	1.64	0.00
26.50	5.81	1.64	0.00	29.10	5.81	1.64	0.00
26.55	5.81	1.64	0.00	29.15	5.81	1.64	0.00
26.60	5.81	1.64	0.00	29.20	5.81	1.64	0.00
26.65	5.81	1.64	0.00	29.25	5.81	1.64	0.00
26.70	5.81	1.64	0.00	29.30	5.81	1.64	0.00
26.75	5.81	1.64	0.00	29.35	5.81	1.64	0.00
26.80	5.81	1.64	0.00	29.40	5.81	1.64	0.00
26.85	5.81	1.64	0.00	29.45	5.81	1.64	0.00
26.90	5.81	1.64	0.00	29.50	5.81	1.64	0.00
26.95	5.81	1.64	0.00	29.55	5.81	1.64	0.00
27.00	5.81	1.64	0.00	29.60	5.81	1.64	0.00
27.05	5.81	1.64	0.00	29.65	5.81	1.64	0.00
27.10	5.81	1.64	0.00	29.70	5.81	1.64	0.00
27.15	5.81	1.64	0.00	29.75	5.81	1.64	0.00
27.20	5.81	1.64	0.00	29.80	5.81	1.64	0.00
27.25	5.81	1.64	0.00	29.85	5.81	1.64	0.00
27.30	5.81	1.64	0.00	29.90	5.81	1.64	0.00
27.35	5.81	1.64	0.00	29.95	5.81	1.64	0.00
27.40	5.81	1.64	0.00	30.00	5.81	1.64	0.00
27.45	5.81	1.64	0.00	30.05	5.81	1.64	0.00
27.50	5.81	1.64	0.00	30.10	5.81	1.64	0.00
27.55	5.81	1.64	0.00	30.15	5.81	1.64	0.00
27.60	5.81	1.64	0.00	30.20	5.81	1.64	0.00
27.65	5.81	1.64	0.00	30.25	5.81	1.64	0.00
27.70	5.81	1.64	0.00	30.30	5.81	1.64	0.00
27.75	5.81	1.64	0.00	30.35	5.81	1.64	0.00
27.80	5.81	1.64	0.00	30.40	5.81	1.64	0.00
27.85	5.81	1.64	0.00	30.45	5.81	1.64	0.00
27.90	5.81	1.64	0.00	30.50	5.81	1.64	0.00
27.95	5.81	1.64	0.00	30.55	5.81	1.64	0.00
28.00	5.81	1.64	0.00	30.60	5.81	1.64	0.00
28.05	5.81	1.64	0.00	30.65	5.81	1.64	0.00
28.10	5.81	1.64	0.00	30.70	5.81	1.64	0.00
28.15	5.81	1.64	0.00	30.75	5.81	1.64	0.00
28.20	5.81	1.64	0.00	30.80	5.81	1.64	0.00
28.25	5.81	1.64	0.00	30.85	5.81	1.64	0.00
28.30	5.81	1.64	0.00	30.90	5.81	1.64	0.00
28.35	5.81	1.64	0.00	30.95	5.81	1.64	0.00
28.40	5.81	1.64	0.00	31.00	5.81	1.64	0.00
28.45	5.81	1.64	0.00	31.05	5.81	1.64	0.00
28.50	5.81	1.64	0.00	31.10	5.81	1.64	0.00
28.55	5.81	1.64	0.00	31.15	5.81	1.64	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.81	1.64	0.00	33.80	5.81	1.64	0.00
31.25	5.81	1.64	0.00	33.85	5.81	1.64	0.00
31.30	5.81	1.64	0.00	33.90	5.81	1.64	0.00
31.35	5.81	1.64	0.00	33.95	5.81	1.64	0.00
31.40	5.81	1.64	0.00	34.00	5.81	1.64	0.00
31.45	5.81	1.64	0.00	34.05	5.81	1.64	0.00
31.50	5.81	1.64	0.00	34.10	5.81	1.64	0.00
31.55	5.81	1.64	0.00	34.15	5.81	1.64	0.00
31.60	5.81	1.64	0.00	34.20	5.81	1.64	0.00
31.65	5.81	1.64	0.00	34.25	5.81	1.64	0.00
31.70	5.81	1.64	0.00	34.30	5.81	1.64	0.00
31.75	5.81	1.64	0.00	34.35	5.81	1.64	0.00
31.80	5.81	1.64	0.00	34.40	5.81	1.64	0.00
31.85	5.81	1.64	0.00	34.45	5.81	1.64	0.00
31.90	5.81	1.64	0.00	34.50	5.81	1.64	0.00
31.95	5.81	1.64	0.00	34.55	5.81	1.64	0.00
32.00	5.81	1.64	0.00	34.60	5.81	1.64	0.00
32.05	5.81	1.64	0.00	34.65	5.81	1.64	0.00
32.10	5.81	1.64	0.00	34.70	5.81	1.64	0.00
32.15	5.81	1.64	0.00	34.75	5.81	1.64	0.00
32.20	5.81	1.64	0.00	34.80	5.81	1.64	0.00
32.25	5.81	1.64	0.00	34.85	5.81	1.64	0.00
32.30	5.81	1.64	0.00	34.90	5.81	1.64	0.00
32.35	5.81	1.64	0.00	34.95	5.81	1.64	0.00
32.40	5.81	1.64	0.00	35.00	5.81	1.64	0.00
32.45	5.81	1.64	0.00	35.05	5.81	1.64	0.00
32.50	5.81	1.64	0.00	35.10	5.81	1.64	0.00
32.55	5.81	1.64	0.00	35.15	5.81	1.64	0.00
32.60	5.81	1.64	0.00	35.20	5.81	1.64	0.00
32.65	5.81	1.64	0.00	35.25	5.81	1.64	0.00
32.70	5.81	1.64	0.00	35.30	5.81	1.64	0.00
32.75	5.81	1.64	0.00	35.35	5.81	1.64	0.00
32.80	5.81	1.64	0.00	35.40	5.81	1.64	0.00
32.85	5.81	1.64	0.00	35.45	5.81	1.64	0.00
32.90	5.81	1.64	0.00	35.50	5.81	1.64	0.00
32.95	5.81	1.64	0.00	35.55	5.81	1.64	0.00
33.00	5.81	1.64	0.00	35.60	5.81	1.64	0.00
33.05	5.81	1.64	0.00	35.65	5.81	1.64	0.00
33.10	5.81	1.64	0.00	35.70	5.81	1.64	0.00
33.15	5.81	1.64	0.00	35.75	5.81	1.64	0.00
33.20	5.81	1.64	0.00	35.80	5.81	1.64	0.00
33.25	5.81	1.64	0.00	35.85	5.81	1.64	0.00
33.30	5.81	1.64	0.00	35.90	5.81	1.64	0.00
33.35	5.81	1.64	0.00	35.95	5.81	1.64	0.00
33.40	5.81	1.64	0.00	36.00	5.81	1.64	0.00
33.45	5.81	1.64	0.00	36.05	5.81	1.64	0.00
33.50	5.81	1.64	0.00	36.10	5.81	1.64	0.00
33.55	5.81	1.64	0.00	36.15	5.81	1.64	0.00
33.60	5.81	1.64	0.00	36.20	5.81	1.64	0.00
33.65	5.81	1.64	0.00	36.25	5.81	1.64	0.00
33.70	5.81	1.64	0.00	36.30	5.81	1.64	0.00
33.75	5.81	1.64	0.00	36.35	5.81	1.64	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.81	1.64	0.00	39.00	5.81	1.64	0.00
36.45	5.81	1.64	0.00	39.05	5.81	1.64	0.00
36.50	5.81	1.64	0.00	39.10	5.81	1.64	0.00
36.55	5.81	1.64	0.00	39.15	5.81	1.64	0.00
36.60	5.81	1.64	0.00	39.20	5.81	1.64	0.00
36.65	5.81	1.64	0.00	39.25	5.81	1.64	0.00
36.70	5.81	1.64	0.00	39.30	5.81	1.64	0.00
36.75	5.81	1.64	0.00	39.35	5.81	1.64	0.00
36.80	5.81	1.64	0.00	39.40	5.81	1.64	0.00
36.85	5.81	1.64	0.00	39.45	5.81	1.64	0.00
36.90	5.81	1.64	0.00	39.50	5.81	1.64	0.00
36.95	5.81	1.64	0.00	39.55	5.81	1.64	0.00
37.00	5.81	1.64	0.00	39.60	5.81	1.64	0.00
37.05	5.81	1.64	0.00	39.65	5.81	1.64	0.00
37.10	5.81	1.64	0.00	39.70	5.81	1.64	0.00
37.15	5.81	1.64	0.00	39.75	5.81	1.64	0.00
37.20	5.81	1.64	0.00	39.80	5.81	1.64	0.00
37.25	5.81	1.64	0.00	39.85	5.81	1.64	0.00
37.30	5.81	1.64	0.00	39.90	5.81	1.64	0.00
37.35	5.81	1.64	0.00	39.95	5.81	1.64	0.00
37.40	5.81	1.64	0.00	40.00	5.81	1.64	0.00
37.45	5.81	1.64	0.00				
37.50	5.81	1.64	0.00				
37.55	5.81	1.64	0.00				
37.60	5.81	1.64	0.00				
37.65	5.81	1.64	0.00				
37.70	5.81	1.64	0.00				
37.75	5.81	1.64	0.00				
37.80	5.81	1.64	0.00				
37.85	5.81	1.64	0.00				
37.90	5.81	1.64	0.00				
37.95	5.81	1.64	0.00				
38.00	5.81	1.64	0.00				
38.05	5.81	1.64	0.00				
38.10	5.81	1.64	0.00				
38.15	5.81	1.64	0.00				
38.20	5.81	1.64	0.00				
38.25	5.81	1.64	0.00				
38.30	5.81	1.64	0.00				
38.35	5.81	1.64	0.00				
38.40	5.81	1.64	0.00				
38.45	5.81	1.64	0.00				
38.50	5.81	1.64	0.00				
38.55	5.81	1.64	0.00				
38.60	5.81	1.64	0.00				
38.65	5.81	1.64	0.00				
38.70	5.81	1.64	0.00				
38.75	5.81	1.64	0.00				
38.80	5.81	1.64	0.00				
38.85	5.81	1.64	0.00				
38.90	5.81	1.64	0.00				
38.95	5.81	1.64	0.00				

Summary for Pond B-41: Basin #41

Inflow Area = 2.368 ac, 29.05% Impervious, Inflow Depth = 3.77" for Future 10 yr event
 Inflow = 11.58 cfs @ 12.08 hrs, Volume= 0.743 af
 Outflow = 3.90 cfs @ 12.24 hrs, Volume= 0.674 af, Atten= 66%, Lag= 9.7 min
 Primary = 3.90 cfs @ 12.24 hrs, Volume= 0.674 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.95' @ 12.24 hrs Surf.Area= 5,683 sf Storage= 11,076 cf

Plug-Flow detention time= 119.6 min calculated for 0.673 af (91% of inflow)
 Center-of-Mass det. time= 71.6 min (864.3 - 792.7)

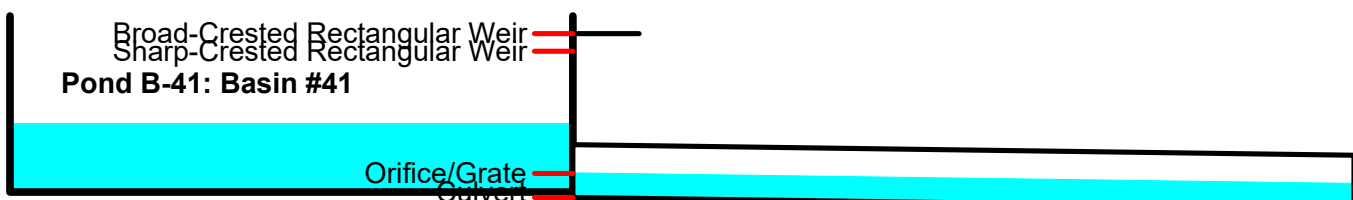
Volume	Invert	Avail.Storage	Storage Description
#1	182.00'	28,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
182.00	5,683	0	0
183.00	5,683	5,683	5,683
184.00	5,683	5,683	11,366
185.00	5,683	5,683	17,049
186.00	5,683	5,683	22,732
187.00	5,683	5,683	28,415

Device	Routing	Invert	Outlet Devices
#1	Primary	181.85'	18.0" Round Culvert L= 59.0' Ke= 0.500 Inlet / Outlet Invert= 181.85' / 181.55' S= 0.0051 ' S Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	182.53'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

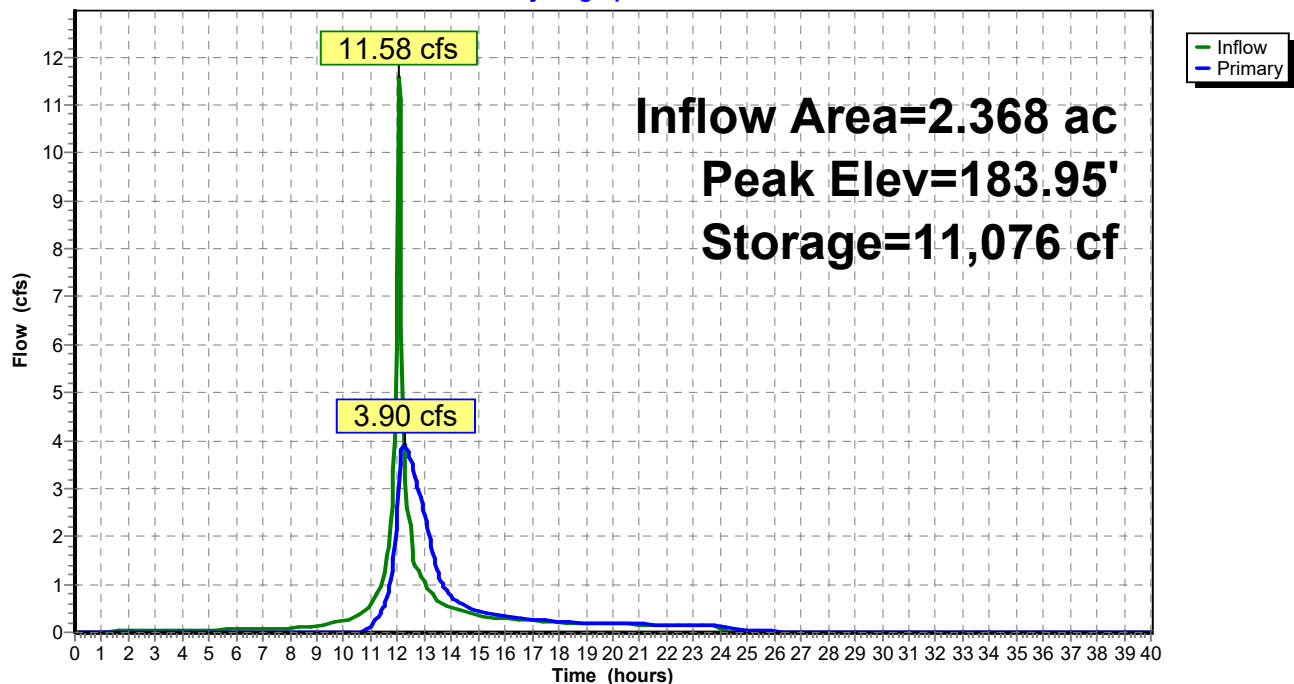
Primary OutFlow Max=3.89 cfs @ 12.24 hrs HW=183.95' (Free Discharge)

1=Culvert (Passes 3.89 cfs of 8.36 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 3.89 cfs @ 5.19 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-41: Basin #41

Hydrograph



Hydrograph for Pond B-41: Basin #41

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	182.00	0.00
0.10	0.00	0	182.00	0.00
0.20	0.00	0	182.00	0.00
0.30	0.00	0	182.00	0.00
0.40	0.00	0	182.00	0.00
0.50	0.00	0	182.00	0.00
0.60	0.00	0	182.00	0.00
0.70	0.00	0	182.00	0.00
0.80	0.00	0	182.00	0.00
0.90	0.00	2	182.00	0.00
1.00	0.01	4	182.00	0.00
1.10	0.01	7	182.00	0.00
1.20	0.01	11	182.00	0.00
1.30	0.01	15	182.00	0.00
1.40	0.02	20	182.00	0.00
1.50	0.02	26	182.00	0.00
1.60	0.02	33	182.01	0.00
1.70	0.02	39	182.01	0.00
1.80	0.02	47	182.01	0.00
1.90	0.02	55	182.01	0.00
2.00	0.02	64	182.01	0.00
2.10	0.03	73	182.01	0.00
2.20	0.03	83	182.01	0.00
2.30	0.03	93	182.02	0.00
2.40	0.03	103	182.02	0.00
2.50	0.03	114	182.02	0.00
2.60	0.03	125	182.02	0.00
2.70	0.03	137	182.02	0.00
2.80	0.03	149	182.03	0.00
2.90	0.04	162	182.03	0.00
3.00	0.04	174	182.03	0.00
3.10	0.04	188	182.03	0.00
3.20	0.04	201	182.04	0.00
3.30	0.04	215	182.04	0.00
3.40	0.04	229	182.04	0.00
3.50	0.04	244	182.04	0.00
3.60	0.04	259	182.05	0.00
3.70	0.04	274	182.05	0.00
3.80	0.04	289	182.05	0.00
3.90	0.04	305	182.05	0.00
4.00	0.04	321	182.06	0.00
4.10	0.05	337	182.06	0.00
4.20	0.05	353	182.06	0.00
4.30	0.05	370	182.07	0.00
4.40	0.05	387	182.07	0.00
4.50	0.05	405	182.07	0.00
4.60	0.05	422	182.07	0.00
4.70	0.05	440	182.08	0.00
4.80	0.05	458	182.08	0.00
4.90	0.05	476	182.08	0.00
5.00	0.05	495	182.09	0.00
5.10	0.05	513	182.09	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	532	182.09	0.00
5.30	0.05	552	182.10	0.00
5.40	0.05	571	182.10	0.00
5.50	0.05	591	182.10	0.00
5.60	0.06	610	182.11	0.00
5.70	0.06	630	182.11	0.00
5.80	0.06	651	182.11	0.00
5.90	0.06	671	182.12	0.00
6.00	0.06	692	182.12	0.00
6.10	0.06	713	182.13	0.00
6.20	0.06	735	182.13	0.00
6.30	0.06	757	182.13	0.00
6.40	0.06	780	182.14	0.00
6.50	0.07	803	182.14	0.00
6.60	0.07	827	182.15	0.00
6.70	0.07	852	182.15	0.00
6.80	0.07	877	182.15	0.00
6.90	0.07	903	182.16	0.00
7.00	0.07	929	182.16	0.00
7.10	0.08	956	182.17	0.00
7.20	0.08	984	182.17	0.00
7.30	0.08	1,012	182.18	0.00
7.40	0.08	1,041	182.18	0.00
7.50	0.08	1,071	182.19	0.00
7.60	0.08	1,101	182.19	0.00
7.70	0.09	1,131	182.20	0.00
7.80	0.09	1,163	182.20	0.00
7.90	0.09	1,194	182.21	0.00
8.00	0.09	1,227	182.22	0.00
8.10	0.09	1,260	182.22	0.00
8.20	0.10	1,295	182.23	0.00
8.30	0.10	1,330	182.23	0.00
8.40	0.10	1,367	182.24	0.00
8.50	0.11	1,406	182.25	0.00
8.60	0.11	1,446	182.25	0.00
8.70	0.12	1,487	182.26	0.00
8.80	0.12	1,530	182.27	0.00
8.90	0.12	1,574	182.28	0.00
9.00	0.13	1,620	182.29	0.00
9.10	0.14	1,668	182.29	0.00
9.20	0.15	1,720	182.30	0.00
9.30	0.16	1,775	182.31	0.00
9.40	0.17	1,835	182.32	0.00
9.50	0.18	1,898	182.33	0.00
9.60	0.19	1,965	182.35	0.00
9.70	0.20	2,036	182.36	0.00
9.80	0.22	2,112	182.37	0.00
9.90	0.23	2,192	182.39	0.00
10.00	0.24	2,277	182.40	0.00
10.10	0.26	2,367	182.42	0.00
10.20	0.27	2,461	182.43	0.00
10.30	0.28	2,561	182.45	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.30	2,666	182.47	0.00
10.50	0.32	2,776	182.49	0.00
10.60	0.36	2,898	182.51	0.00
10.70	0.40	3,034	182.53	0.00
10.80	0.45	3,183	182.56	0.03
10.90	0.50	3,336	182.59	0.07
11.00	0.55	3,491	182.61	0.12
11.10	0.64	3,652	182.64	0.18
11.20	0.73	3,821	182.67	0.26
11.30	0.83	3,995	182.70	0.35
11.40	0.94	4,173	182.73	0.45
11.50	1.08	4,354	182.77	0.55
11.60	1.62	4,626	182.81	0.73
11.70	1.87	4,949	182.87	0.96
11.80	2.64	5,370	182.94	1.29
11.90	4.01	6,018	183.06	1.83
12.00	7.33	7,320	183.29	2.55
12.10	11.11	9,824	183.73	3.51
12.20	4.65	11,033	183.94	3.88
12.30	3.19	10,983	183.93	3.87
12.40	2.41	10,581	183.86	3.75
12.50	2.18	10,088	183.78	3.59
12.60	1.51	9,463	183.67	3.39
12.70	1.38	8,802	183.55	3.15
12.80	1.27	8,183	183.44	2.92
12.90	1.15	7,607	183.34	2.67
13.00	1.03	7,075	183.25	2.43
13.10	0.91	6,590	183.16	2.18
13.20	0.85	6,165	183.08	1.93
13.30	0.78	5,810	183.02	1.66
13.40	0.72	5,525	182.97	1.42
13.50	0.65	5,294	182.93	1.23
13.60	0.59	5,101	182.90	1.07
13.70	0.57	4,945	182.87	0.96
13.80	0.55	4,820	182.85	0.86
13.90	0.54	4,718	182.83	0.79
14.00	0.52	4,633	182.82	0.74
14.10	0.50	4,561	182.80	0.69
14.20	0.49	4,500	182.79	0.65
14.30	0.47	4,445	182.78	0.61
14.40	0.45	4,396	182.77	0.58
14.50	0.44	4,351	182.77	0.55
14.60	0.42	4,310	182.76	0.53
14.70	0.40	4,271	182.75	0.50
14.80	0.38	4,235	182.75	0.48
14.90	0.37	4,200	182.74	0.46
15.00	0.35	4,165	182.73	0.44
15.10	0.33	4,131	182.73	0.42
15.20	0.33	4,100	182.72	0.41
15.30	0.32	4,074	182.72	0.39
15.40	0.32	4,051	182.71	0.38
15.50	0.31	4,030	182.71	0.37

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.31	4,012	182.71	0.36
15.70	0.30	3,996	182.70	0.35
15.80	0.30	3,981	182.70	0.34
15.90	0.30	3,967	182.70	0.33
16.00	0.29	3,954	182.70	0.33
16.10	0.29	3,942	182.69	0.32
16.20	0.28	3,930	182.69	0.31
16.30	0.28	3,919	182.69	0.31
16.40	0.27	3,907	182.69	0.30
16.50	0.27	3,896	182.69	0.30
16.60	0.26	3,886	182.68	0.29
16.70	0.26	3,875	182.68	0.29
16.80	0.25	3,865	182.68	0.28
16.90	0.25	3,854	182.68	0.28
17.00	0.25	3,844	182.68	0.27
17.10	0.24	3,834	182.67	0.27
17.20	0.24	3,824	182.67	0.26
17.30	0.23	3,814	182.67	0.26
17.40	0.23	3,804	182.67	0.25
17.50	0.22	3,794	182.67	0.25
17.60	0.22	3,785	182.67	0.24
17.70	0.21	3,775	182.66	0.24
17.80	0.21	3,765	182.66	0.23
17.90	0.20	3,755	182.66	0.23
18.00	0.20	3,745	182.66	0.23
18.10	0.19	3,736	182.66	0.22
18.20	0.19	3,727	182.66	0.22
18.30	0.19	3,719	182.65	0.21
18.40	0.19	3,712	182.65	0.21
18.50	0.19	3,705	182.65	0.21
18.60	0.19	3,700	182.65	0.20
18.70	0.19	3,695	182.65	0.20
18.80	0.19	3,690	182.65	0.20
18.90	0.18	3,685	182.65	0.20
19.00	0.18	3,681	182.65	0.20
19.10	0.18	3,677	182.65	0.19
19.20	0.18	3,673	182.65	0.19
19.30	0.18	3,669	182.65	0.19
19.40	0.18	3,665	182.64	0.19
19.50	0.18	3,662	182.64	0.19
19.60	0.18	3,658	182.64	0.19
19.70	0.18	3,655	182.64	0.18
19.80	0.18	3,652	182.64	0.18
19.90	0.17	3,648	182.64	0.18
20.00	0.17	3,645	182.64	0.18
20.10	0.17	3,642	182.64	0.18
20.20	0.17	3,639	182.64	0.18
20.30	0.17	3,635	182.64	0.18
20.40	0.17	3,632	182.64	0.18
20.50	0.17	3,629	182.64	0.17
20.60	0.17	3,626	182.64	0.17
20.70	0.16	3,623	182.64	0.17

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.16	3,620	182.64	0.17
20.90	0.16	3,617	182.64	0.17
21.00	0.16	3,614	182.64	0.17
21.10	0.16	3,611	182.64	0.17
21.20	0.16	3,608	182.63	0.17
21.30	0.16	3,605	182.63	0.17
21.40	0.16	3,602	182.63	0.16
21.50	0.15	3,599	182.63	0.16
21.60	0.15	3,596	182.63	0.16
21.70	0.15	3,592	182.63	0.16
21.80	0.15	3,590	182.63	0.16
21.90	0.15	3,587	182.63	0.16
22.00	0.15	3,584	182.63	0.16
22.10	0.15	3,580	182.63	0.16
22.20	0.15	3,578	182.63	0.15
22.30	0.14	3,575	182.63	0.15
22.40	0.14	3,571	182.63	0.15
22.50	0.14	3,568	182.63	0.15
22.60	0.14	3,566	182.63	0.15
22.70	0.14	3,563	182.63	0.15
22.80	0.14	3,559	182.63	0.15
22.90	0.14	3,556	182.63	0.15
23.00	0.14	3,553	182.63	0.15
23.10	0.14	3,550	182.62	0.14
23.20	0.13	3,547	182.62	0.14
23.30	0.13	3,544	182.62	0.14
23.40	0.13	3,541	182.62	0.14
23.50	0.13	3,538	182.62	0.14
23.60	0.13	3,535	182.62	0.14
23.70	0.13	3,532	182.62	0.14
23.80	0.13	3,529	182.62	0.14
23.90	0.13	3,526	182.62	0.13
24.00	0.13	3,528	182.62	0.14
24.10	0.01	3,500	182.62	0.12
24.20	0.00	3,459	182.61	0.11
24.30	0.00	3,422	182.60	0.09
24.40	0.00	3,391	182.60	0.08
24.50	0.00	3,362	182.59	0.08
24.60	0.00	3,335	182.59	0.07
24.70	0.00	3,312	182.58	0.06
24.80	0.00	3,290	182.58	0.06
24.90	0.00	3,270	182.58	0.05
25.00	0.00	3,252	182.57	0.05
25.10	0.00	3,236	182.57	0.04
25.20	0.00	3,221	182.57	0.04
25.30	0.00	3,208	182.56	0.04
25.40	0.00	3,196	182.56	0.03
25.50	0.00	3,185	182.56	0.03
25.60	0.00	3,175	182.56	0.03
25.70	0.00	3,165	182.56	0.02
25.80	0.00	3,157	182.56	0.02
25.90	0.00	3,150	182.55	0.02

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,143	182.55	0.02
26.10	0.00	3,137	182.55	0.02
26.20	0.00	3,131	182.55	0.02
26.30	0.00	3,126	182.55	0.01
26.40	0.00	3,121	182.55	0.01
26.50	0.00	3,116	182.55	0.01
26.60	0.00	3,112	182.55	0.01
26.70	0.00	3,108	182.55	0.01
26.80	0.00	3,104	182.55	0.01
26.90	0.00	3,100	182.55	0.01
27.00	0.00	3,096	182.54	0.01
27.10	0.00	3,093	182.54	0.01
27.20	0.00	3,089	182.54	0.01
27.30	0.00	3,086	182.54	0.01
27.40	0.00	3,083	182.54	0.01
27.50	0.00	3,080	182.54	0.01
27.60	0.00	3,077	182.54	0.01
27.70	0.00	3,074	182.54	0.01
27.80	0.00	3,072	182.54	0.01
27.90	0.00	3,069	182.54	0.01
28.00	0.00	3,067	182.54	0.01
28.10	0.00	3,064	182.54	0.01
28.20	0.00	3,062	182.54	0.01
28.30	0.00	3,060	182.54	0.01
28.40	0.00	3,058	182.54	0.01
28.50	0.00	3,056	182.54	0.01
28.60	0.00	3,054	182.54	0.01
28.70	0.00	3,052	182.54	0.00
28.80	0.00	3,051	182.54	0.00
28.90	0.00	3,049	182.54	0.00
29.00	0.00	3,047	182.54	0.00
29.10	0.00	3,046	182.54	0.00
29.20	0.00	3,045	182.54	0.00
29.30	0.00	3,043	182.54	0.00
29.40	0.00	3,042	182.54	0.00
29.50	0.00	3,041	182.54	0.00
29.60	0.00	3,039	182.53	0.00
29.70	0.00	3,038	182.53	0.00
29.80	0.00	3,037	182.53	0.00
29.90	0.00	3,036	182.53	0.00
30.00	0.00	3,035	182.53	0.00
30.10	0.00	3,034	182.53	0.00
30.20	0.00	3,033	182.53	0.00
30.30	0.00	3,032	182.53	0.00
30.40	0.00	3,031	182.53	0.00
30.50	0.00	3,031	182.53	0.00
30.60	0.00	3,030	182.53	0.00
30.70	0.00	3,029	182.53	0.00
30.80	0.00	3,028	182.53	0.00
30.90	0.00	3,028	182.53	0.00
31.00	0.00	3,027	182.53	0.00
31.10	0.00	3,026	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,026	182.53	0.00
31.30	0.00	3,025	182.53	0.00
31.40	0.00	3,025	182.53	0.00
31.50	0.00	3,024	182.53	0.00
31.60	0.00	3,024	182.53	0.00
31.70	0.00	3,023	182.53	0.00
31.80	0.00	3,023	182.53	0.00
31.90	0.00	3,022	182.53	0.00
32.00	0.00	3,022	182.53	0.00
32.10	0.00	3,021	182.53	0.00
32.20	0.00	3,021	182.53	0.00
32.30	0.00	3,021	182.53	0.00
32.40	0.00	3,020	182.53	0.00
32.50	0.00	3,020	182.53	0.00
32.60	0.00	3,019	182.53	0.00
32.70	0.00	3,019	182.53	0.00
32.80	0.00	3,019	182.53	0.00
32.90	0.00	3,019	182.53	0.00
33.00	0.00	3,018	182.53	0.00
33.10	0.00	3,018	182.53	0.00
33.20	0.00	3,018	182.53	0.00
33.30	0.00	3,018	182.53	0.00
33.40	0.00	3,017	182.53	0.00
33.50	0.00	3,017	182.53	0.00
33.60	0.00	3,017	182.53	0.00
33.70	0.00	3,017	182.53	0.00
33.80	0.00	3,016	182.53	0.00
33.90	0.00	3,016	182.53	0.00
34.00	0.00	3,016	182.53	0.00
34.10	0.00	3,016	182.53	0.00
34.20	0.00	3,016	182.53	0.00
34.30	0.00	3,016	182.53	0.00
34.40	0.00	3,015	182.53	0.00
34.50	0.00	3,015	182.53	0.00
34.60	0.00	3,015	182.53	0.00
34.70	0.00	3,015	182.53	0.00
34.80	0.00	3,015	182.53	0.00
34.90	0.00	3,015	182.53	0.00
35.00	0.00	3,015	182.53	0.00
35.10	0.00	3,015	182.53	0.00
35.20	0.00	3,014	182.53	0.00
35.30	0.00	3,014	182.53	0.00
35.40	0.00	3,014	182.53	0.00
35.50	0.00	3,014	182.53	0.00
35.60	0.00	3,014	182.53	0.00
35.70	0.00	3,014	182.53	0.00
35.80	0.00	3,014	182.53	0.00
35.90	0.00	3,014	182.53	0.00
36.00	0.00	3,014	182.53	0.00
36.10	0.00	3,014	182.53	0.00
36.20	0.00	3,014	182.53	0.00
36.30	0.00	3,014	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,013	182.53	0.00
36.50	0.00	3,013	182.53	0.00
36.60	0.00	3,013	182.53	0.00
36.70	0.00	3,013	182.53	0.00
36.80	0.00	3,013	182.53	0.00
36.90	0.00	3,013	182.53	0.00
37.00	0.00	3,013	182.53	0.00
37.10	0.00	3,013	182.53	0.00
37.20	0.00	3,013	182.53	0.00
37.30	0.00	3,013	182.53	0.00
37.40	0.00	3,013	182.53	0.00
37.50	0.00	3,013	182.53	0.00
37.60	0.00	3,013	182.53	0.00
37.70	0.00	3,013	182.53	0.00
37.80	0.00	3,013	182.53	0.00
37.90	0.00	3,013	182.53	0.00
38.00	0.00	3,013	182.53	0.00
38.10	0.00	3,013	182.53	0.00
38.20	0.00	3,013	182.53	0.00
38.30	0.00	3,013	182.53	0.00
38.40	0.00	3,013	182.53	0.00
38.50	0.00	3,013	182.53	0.00
38.60	0.00	3,013	182.53	0.00
38.70	0.00	3,013	182.53	0.00
38.80	0.00	3,013	182.53	0.00
38.90	0.00	3,012	182.53	0.00
39.00	0.00	3,012	182.53	0.00
39.10	0.00	3,012	182.53	0.00
39.20	0.00	3,012	182.53	0.00
39.30	0.00	3,012	182.53	0.00
39.40	0.00	3,012	182.53	0.00
39.50	0.00	3,012	182.53	0.00
39.60	0.00	3,012	182.53	0.00
39.70	0.00	3,012	182.53	0.00
39.80	0.00	3,012	182.53	0.00
39.90	0.00	3,012	182.53	0.00
40.00	0.00	3,012	182.53	0.00

Stage-Discharge for Pond B-41: Basin #41

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.00	0.00	182.52	0.00	183.04	1.75	183.56	3.18
182.01	0.00	182.53	0.00	183.05	1.79	183.57	3.20
182.02	0.00	182.54	0.00	183.06	1.83	183.58	3.22
182.03	0.00	182.55	0.01	183.07	1.87	183.59	3.24
182.04	0.00	182.56	0.03	183.08	1.91	183.60	3.26
182.05	0.00	182.57	0.04	183.09	1.95	183.61	3.28
182.06	0.00	182.58	0.05	183.10	1.98	183.62	3.30
182.07	0.00	182.59	0.07	183.11	2.02	183.63	3.32
182.08	0.00	182.60	0.09	183.12	2.05	183.64	3.34
182.09	0.00	182.61	0.11	183.13	2.09	183.65	3.36
182.10	0.00	182.62	0.13	183.14	2.12	183.66	3.38
182.11	0.00	182.63	0.15	183.15	2.15	183.67	3.40
182.12	0.00	182.64	0.18	183.16	2.18	183.68	3.41
182.13	0.00	182.65	0.20	183.17	2.21	183.69	3.43
182.14	0.00	182.66	0.23	183.18	2.24	183.70	3.45
182.15	0.00	182.67	0.25	183.19	2.27	183.71	3.47
182.16	0.00	182.68	0.28	183.20	2.30	183.72	3.49
182.17	0.00	182.69	0.31	183.21	2.33	183.73	3.51
182.18	0.00	182.70	0.34	183.22	2.36	183.74	3.53
182.19	0.00	182.71	0.37	183.23	2.39	183.75	3.55
182.20	0.00	182.72	0.40	183.24	2.42	183.76	3.57
182.21	0.00	182.73	0.43	183.25	2.44	183.77	3.58
182.22	0.00	182.74	0.46	183.26	2.47	183.78	3.60
182.23	0.00	182.75	0.50	183.27	2.50	183.79	3.62
182.24	0.00	182.76	0.53	183.28	2.53	183.80	3.64
182.25	0.00	182.77	0.57	183.29	2.55	183.81	3.66
182.26	0.00	182.78	0.60	183.30	2.58	183.82	3.67
182.27	0.00	182.79	0.64	183.31	2.60	183.83	3.69
182.28	0.00	182.80	0.68	183.32	2.63	183.84	3.71
182.29	0.00	182.81	0.71	183.33	2.65	183.85	3.73
182.30	0.00	182.82	0.75	183.34	2.68	183.86	3.74
182.31	0.00	182.83	0.79	183.35	2.70	183.87	3.76
182.32	0.00	182.84	0.83	183.36	2.73	183.88	3.78
182.33	0.00	182.85	0.87	183.37	2.75	183.89	3.80
182.34	0.00	182.86	0.91	183.38	2.78	183.90	3.81
182.35	0.00	182.87	0.95	183.39	2.80	183.91	3.83
182.36	0.00	182.88	1.00	183.40	2.82	183.92	3.85
182.37	0.00	182.89	1.04	183.41	2.85	183.93	3.86
182.38	0.00	182.90	1.08	183.42	2.87	183.94	3.88
182.39	0.00	182.91	1.13	183.43	2.89	183.95	3.90
182.40	0.00	182.92	1.17	183.44	2.92	183.96	3.92
182.41	0.00	182.93	1.22	183.45	2.94	183.97	3.93
182.42	0.00	182.94	1.26	183.46	2.96	183.98	3.95
182.43	0.00	182.95	1.31	183.47	2.98	183.99	3.97
182.44	0.00	182.96	1.36	183.48	3.00	184.00	3.98
182.45	0.00	182.97	1.41	183.49	3.03	184.01	4.00
182.46	0.00	182.98	1.45	183.50	3.05	184.02	4.01
182.47	0.00	182.99	1.50	183.51	3.07	184.03	4.03
182.48	0.00	183.00	1.55	183.52	3.09	184.04	4.05
182.49	0.00	183.01	1.60	183.53	3.11	184.05	4.06
182.50	0.00	183.02	1.65	183.54	3.13	184.06	4.08
182.51	0.00	183.03	1.70	183.55	3.15	184.07	4.10

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.08	4.11	184.60	4.87	185.12	5.52	185.64	6.11
184.09	4.13	184.61	4.88	185.13	5.53	185.65	6.12
184.10	4.14	184.62	4.89	185.14	5.55	185.66	6.13
184.11	4.16	184.63	4.91	185.15	5.56	185.67	6.14
184.12	4.17	184.64	4.92	185.16	5.57	185.68	6.15
184.13	4.19	184.65	4.93	185.17	5.58	185.69	6.16
184.14	4.21	184.66	4.95	185.18	5.59	185.70	6.17
184.15	4.22	184.67	4.96	185.19	5.60	185.71	6.18
184.16	4.24	184.68	4.97	185.20	5.62	185.72	6.19
184.17	4.25	184.69	4.99	185.21	5.63	185.73	6.20
184.18	4.27	184.70	5.00	185.22	5.64	185.74	6.21
184.19	4.28	184.71	5.01	185.23	5.65	185.75	6.22
184.20	4.30	184.72	5.03	185.24	5.66	185.76	6.23
184.21	4.31	184.73	5.04	185.25	5.67	185.77	6.24
184.22	4.33	184.74	5.05	185.26	5.68	185.78	6.25
184.23	4.34	184.75	5.07	185.27	5.70	185.79	6.26
184.24	4.36	184.76	5.08	185.28	5.71	185.80	6.27
184.25	4.37	184.77	5.09	185.29	5.72	185.81	6.28
184.26	4.39	184.78	5.10	185.30	5.73	185.82	6.29
184.27	4.40	184.79	5.12	185.31	5.74	185.83	6.30
184.28	4.42	184.80	5.13	185.32	5.75	185.84	6.32
184.29	4.43	184.81	5.14	185.33	5.76	185.85	6.33
184.30	4.45	184.82	5.15	185.34	5.78	185.86	6.34
184.31	4.46	184.83	5.17	185.35	5.79	185.87	6.35
184.32	4.48	184.84	5.18	185.36	5.80	185.88	6.36
184.33	4.49	184.85	5.19	185.37	5.81	185.89	6.37
184.34	4.51	184.86	5.21	185.38	5.82	185.90	6.38
184.35	4.52	184.87	5.22	185.39	5.83	185.91	6.39
184.36	4.53	184.88	5.23	185.40	5.84	185.92	6.40
184.37	4.55	184.89	5.24	185.41	5.85	185.93	6.41
184.38	4.56	184.90	5.25	185.42	5.87	185.94	6.42
184.39	4.58	184.91	5.27	185.43	5.88	185.95	6.43
184.40	4.59	184.92	5.28	185.44	5.89	185.96	6.44
184.41	4.61	184.93	5.29	185.45	5.90	185.97	6.45
184.42	4.62	184.94	5.30	185.46	5.91	185.98	6.46
184.43	4.63	184.95	5.32	185.47	5.92	185.99	6.47
184.44	4.65	184.96	5.33	185.48	5.93	186.00	6.48
184.45	4.66	184.97	5.34	185.49	5.94	186.01	6.50
184.46	4.68	184.98	5.35	185.50	5.95	186.02	6.54
184.47	4.69	184.99	5.37	185.51	5.96	186.03	6.58
184.48	4.70	185.00	5.38	185.52	5.98	186.04	6.62
184.49	4.72	185.01	5.39	185.53	5.99	186.05	6.67
184.50	4.73	185.02	5.40	185.54	6.00	186.06	6.73
184.51	4.75	185.03	5.41	185.55	6.01	186.07	6.79
184.52	4.76	185.04	5.43	185.56	6.02	186.08	6.85
184.53	4.77	185.05	5.44	185.57	6.03	186.09	6.92
184.54	4.79	185.06	5.45	185.58	6.04	186.10	6.99
184.55	4.80	185.07	5.46	185.59	6.05	186.11	7.06
184.56	4.81	185.08	5.47	185.60	6.06	186.12	7.14
184.57	4.83	185.09	5.49	185.61	6.07	186.13	7.22
184.58	4.84	185.10	5.50	185.62	6.08	186.14	7.30
184.59	4.85	185.11	5.51	185.63	6.09	186.15	7.38

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.16	7.47	186.68	23.23
186.17	7.56	186.69	24.16
186.18	7.65	186.70	25.11
186.19	7.74	186.71	26.12
186.20	7.84	186.72	27.15
186.21	7.93	186.73	28.22
186.22	8.03	186.74	29.31
186.23	8.13	186.75	30.42
186.24	8.24	186.76	31.57
186.25	8.34	186.77	32.74
186.26	8.45	186.78	33.93
186.27	8.56	186.79	35.15
186.28	8.67	186.80	36.39
186.29	8.78	186.81	37.66
186.30	8.89	186.82	38.96
186.31	9.01	186.83	40.28
186.32	9.12	186.84	41.62
186.33	9.24	186.85	43.00
186.34	9.36	186.86	44.35
186.35	9.48	186.87	45.62
186.36	9.61	186.88	46.91
186.37	9.73	186.89	48.22
186.38	9.86	186.90	49.56
186.39	9.98	186.91	50.95
186.40	10.11	186.92	52.36
186.41	10.24	186.93	53.80
186.42	10.37	186.94	55.27
186.43	10.51	186.95	56.76
186.44	10.64	186.96	58.28
186.45	10.78	186.97	59.82
186.46	10.91	186.98	61.39
186.47	11.05	186.99	62.99
186.48	11.19	187.00	64.62
186.49	11.33		
186.50	11.47		
186.51	11.73		
186.52	12.09		
186.53	12.51		
186.54	12.99		
186.55	13.51		
186.56	14.07		
186.57	14.67		
186.58	15.31		
186.59	15.97		
186.60	16.67		
186.61	17.40		
186.62	18.15		
186.63	18.94		
186.64	19.75		
186.65	20.58		
186.66	21.44		
186.67	22.32		

Stage-Area-Storage for Pond B-41: Basin #41

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.00	5,683	0	182.52	5,683	2,955
182.01	5,683	57	182.53	5,683	3,012
182.02	5,683	114	182.54	5,683	3,069
182.03	5,683	170	182.55	5,683	3,126
182.04	5,683	227	182.56	5,683	3,182
182.05	5,683	284	182.57	5,683	3,239
182.06	5,683	341	182.58	5,683	3,296
182.07	5,683	398	182.59	5,683	3,353
182.08	5,683	455	182.60	5,683	3,410
182.09	5,683	511	182.61	5,683	3,467
182.10	5,683	568	182.62	5,683	3,523
182.11	5,683	625	182.63	5,683	3,580
182.12	5,683	682	182.64	5,683	3,637
182.13	5,683	739	182.65	5,683	3,694
182.14	5,683	796	182.66	5,683	3,751
182.15	5,683	852	182.67	5,683	3,808
182.16	5,683	909	182.68	5,683	3,864
182.17	5,683	966	182.69	5,683	3,921
182.18	5,683	1,023	182.70	5,683	3,978
182.19	5,683	1,080	182.71	5,683	4,035
182.20	5,683	1,137	182.72	5,683	4,092
182.21	5,683	1,193	182.73	5,683	4,149
182.22	5,683	1,250	182.74	5,683	4,205
182.23	5,683	1,307	182.75	5,683	4,262
182.24	5,683	1,364	182.76	5,683	4,319
182.25	5,683	1,421	182.77	5,683	4,376
182.26	5,683	1,478	182.78	5,683	4,433
182.27	5,683	1,534	182.79	5,683	4,490
182.28	5,683	1,591	182.80	5,683	4,546
182.29	5,683	1,648	182.81	5,683	4,603
182.30	5,683	1,705	182.82	5,683	4,660
182.31	5,683	1,762	182.83	5,683	4,717
182.32	5,683	1,819	182.84	5,683	4,774
182.33	5,683	1,875	182.85	5,683	4,831
182.34	5,683	1,932	182.86	5,683	4,887
182.35	5,683	1,989	182.87	5,683	4,944
182.36	5,683	2,046	182.88	5,683	5,001
182.37	5,683	2,103	182.89	5,683	5,058
182.38	5,683	2,160	182.90	5,683	5,115
182.39	5,683	2,216	182.91	5,683	5,172
182.40	5,683	2,273	182.92	5,683	5,228
182.41	5,683	2,330	182.93	5,683	5,285
182.42	5,683	2,387	182.94	5,683	5,342
182.43	5,683	2,444	182.95	5,683	5,399
182.44	5,683	2,501	182.96	5,683	5,456
182.45	5,683	2,557	182.97	5,683	5,513
182.46	5,683	2,614	182.98	5,683	5,569
182.47	5,683	2,671	182.99	5,683	5,626
182.48	5,683	2,728	183.00	5,683	5,683
182.49	5,683	2,785	183.01	5,683	5,740
182.50	5,683	2,842	183.02	5,683	5,797
182.51	5,683	2,898	183.03	5,683	5,853

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.04	5,683	5,910	183.56	5,683	8,865
183.05	5,683	5,967	183.57	5,683	8,922
183.06	5,683	6,024	183.58	5,683	8,979
183.07	5,683	6,081	183.59	5,683	9,036
183.08	5,683	6,138	183.60	5,683	9,093
183.09	5,683	6,194	183.61	5,683	9,150
183.10	5,683	6,251	183.62	5,683	9,206
183.11	5,683	6,308	183.63	5,683	9,263
183.12	5,683	6,365	183.64	5,683	9,320
183.13	5,683	6,422	183.65	5,683	9,377
183.14	5,683	6,479	183.66	5,683	9,434
183.15	5,683	6,535	183.67	5,683	9,491
183.16	5,683	6,592	183.68	5,683	9,547
183.17	5,683	6,649	183.69	5,683	9,604
183.18	5,683	6,706	183.70	5,683	9,661
183.19	5,683	6,763	183.71	5,683	9,718
183.20	5,683	6,820	183.72	5,683	9,775
183.21	5,683	6,876	183.73	5,683	9,832
183.22	5,683	6,933	183.74	5,683	9,888
183.23	5,683	6,990	183.75	5,683	9,945
183.24	5,683	7,047	183.76	5,683	10,002
183.25	5,683	7,104	183.77	5,683	10,059
183.26	5,683	7,161	183.78	5,683	10,116
183.27	5,683	7,217	183.79	5,683	10,173
183.28	5,683	7,274	183.80	5,683	10,229
183.29	5,683	7,331	183.81	5,683	10,286
183.30	5,683	7,388	183.82	5,683	10,343
183.31	5,683	7,445	183.83	5,683	10,400
183.32	5,683	7,502	183.84	5,683	10,457
183.33	5,683	7,558	183.85	5,683	10,514
183.34	5,683	7,615	183.86	5,683	10,570
183.35	5,683	7,672	183.87	5,683	10,627
183.36	5,683	7,729	183.88	5,683	10,684
183.37	5,683	7,786	183.89	5,683	10,741
183.38	5,683	7,843	183.90	5,683	10,798
183.39	5,683	7,899	183.91	5,683	10,855
183.40	5,683	7,956	183.92	5,683	10,911
183.41	5,683	8,013	183.93	5,683	10,968
183.42	5,683	8,070	183.94	5,683	11,025
183.43	5,683	8,127	183.95	5,683	11,082
183.44	5,683	8,184	183.96	5,683	11,139
183.45	5,683	8,240	183.97	5,683	11,196
183.46	5,683	8,297	183.98	5,683	11,252
183.47	5,683	8,354	183.99	5,683	11,309
183.48	5,683	8,411	184.00	5,683	11,366
183.49	5,683	8,468	184.01	5,683	11,423
183.50	5,683	8,525	184.02	5,683	11,480
183.51	5,683	8,581	184.03	5,683	11,536
183.52	5,683	8,638	184.04	5,683	11,593
183.53	5,683	8,695	184.05	5,683	11,650
183.54	5,683	8,752	184.06	5,683	11,707
183.55	5,683	8,809	184.07	5,683	11,764

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.08	5,683	11,821	184.60	5,683	14,776
184.09	5,683	11,877	184.61	5,683	14,833
184.10	5,683	11,934	184.62	5,683	14,889
184.11	5,683	11,991	184.63	5,683	14,946
184.12	5,683	12,048	184.64	5,683	15,003
184.13	5,683	12,105	184.65	5,683	15,060
184.14	5,683	12,162	184.66	5,683	15,117
184.15	5,683	12,218	184.67	5,683	15,174
184.16	5,683	12,275	184.68	5,683	15,230
184.17	5,683	12,332	184.69	5,683	15,287
184.18	5,683	12,389	184.70	5,683	15,344
184.19	5,683	12,446	184.71	5,683	15,401
184.20	5,683	12,503	184.72	5,683	15,458
184.21	5,683	12,559	184.73	5,683	15,515
184.22	5,683	12,616	184.74	5,683	15,571
184.23	5,683	12,673	184.75	5,683	15,628
184.24	5,683	12,730	184.76	5,683	15,685
184.25	5,683	12,787	184.77	5,683	15,742
184.26	5,683	12,844	184.78	5,683	15,799
184.27	5,683	12,900	184.79	5,683	15,856
184.28	5,683	12,957	184.80	5,683	15,912
184.29	5,683	13,014	184.81	5,683	15,969
184.30	5,683	13,071	184.82	5,683	16,026
184.31	5,683	13,128	184.83	5,683	16,083
184.32	5,683	13,185	184.84	5,683	16,140
184.33	5,683	13,241	184.85	5,683	16,197
184.34	5,683	13,298	184.86	5,683	16,253
184.35	5,683	13,355	184.87	5,683	16,310
184.36	5,683	13,412	184.88	5,683	16,367
184.37	5,683	13,469	184.89	5,683	16,424
184.38	5,683	13,526	184.90	5,683	16,481
184.39	5,683	13,582	184.91	5,683	16,538
184.40	5,683	13,639	184.92	5,683	16,594
184.41	5,683	13,696	184.93	5,683	16,651
184.42	5,683	13,753	184.94	5,683	16,708
184.43	5,683	13,810	184.95	5,683	16,765
184.44	5,683	13,867	184.96	5,683	16,822
184.45	5,683	13,923	184.97	5,683	16,879
184.46	5,683	13,980	184.98	5,683	16,935
184.47	5,683	14,037	184.99	5,683	16,992
184.48	5,683	14,094	185.00	5,683	17,049
184.49	5,683	14,151	185.01	5,683	17,106
184.50	5,683	14,208	185.02	5,683	17,163
184.51	5,683	14,264	185.03	5,683	17,219
184.52	5,683	14,321	185.04	5,683	17,276
184.53	5,683	14,378	185.05	5,683	17,333
184.54	5,683	14,435	185.06	5,683	17,390
184.55	5,683	14,492	185.07	5,683	17,447
184.56	5,683	14,548	185.08	5,683	17,504
184.57	5,683	14,605	185.09	5,683	17,560
184.58	5,683	14,662	185.10	5,683	17,617
184.59	5,683	14,719	185.11	5,683	17,674

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.12	5,683	17,731	185.64	5,683	20,686
185.13	5,683	17,788	185.65	5,683	20,743
185.14	5,683	17,845	185.66	5,683	20,800
185.15	5,683	17,901	185.67	5,683	20,857
185.16	5,683	17,958	185.68	5,683	20,913
185.17	5,683	18,015	185.69	5,683	20,970
185.18	5,683	18,072	185.70	5,683	21,027
185.19	5,683	18,129	185.71	5,683	21,084
185.20	5,683	18,186	185.72	5,683	21,141
185.21	5,683	18,242	185.73	5,683	21,198
185.22	5,683	18,299	185.74	5,683	21,254
185.23	5,683	18,356	185.75	5,683	21,311
185.24	5,683	18,413	185.76	5,683	21,368
185.25	5,683	18,470	185.77	5,683	21,425
185.26	5,683	18,527	185.78	5,683	21,482
185.27	5,683	18,583	185.79	5,683	21,539
185.28	5,683	18,640	185.80	5,683	21,595
185.29	5,683	18,697	185.81	5,683	21,652
185.30	5,683	18,754	185.82	5,683	21,709
185.31	5,683	18,811	185.83	5,683	21,766
185.32	5,683	18,868	185.84	5,683	21,823
185.33	5,683	18,924	185.85	5,683	21,880
185.34	5,683	18,981	185.86	5,683	21,936
185.35	5,683	19,038	185.87	5,683	21,993
185.36	5,683	19,095	185.88	5,683	22,050
185.37	5,683	19,152	185.89	5,683	22,107
185.38	5,683	19,209	185.90	5,683	22,164
185.39	5,683	19,265	185.91	5,683	22,221
185.40	5,683	19,322	185.92	5,683	22,277
185.41	5,683	19,379	185.93	5,683	22,334
185.42	5,683	19,436	185.94	5,683	22,391
185.43	5,683	19,493	185.95	5,683	22,448
185.44	5,683	19,550	185.96	5,683	22,505
185.45	5,683	19,606	185.97	5,683	22,562
185.46	5,683	19,663	185.98	5,683	22,618
185.47	5,683	19,720	185.99	5,683	22,675
185.48	5,683	19,777	186.00	5,683	22,732
185.49	5,683	19,834	186.01	5,683	22,789
185.50	5,683	19,891	186.02	5,683	22,846
185.51	5,683	19,947	186.03	5,683	22,902
185.52	5,683	20,004	186.04	5,683	22,959
185.53	5,683	20,061	186.05	5,683	23,016
185.54	5,683	20,118	186.06	5,683	23,073
185.55	5,683	20,175	186.07	5,683	23,130
185.56	5,683	20,231	186.08	5,683	23,187
185.57	5,683	20,288	186.09	5,683	23,243
185.58	5,683	20,345	186.10	5,683	23,300
185.59	5,683	20,402	186.11	5,683	23,357
185.60	5,683	20,459	186.12	5,683	23,414
185.61	5,683	20,516	186.13	5,683	23,471
185.62	5,683	20,572	186.14	5,683	23,528
185.63	5,683	20,629	186.15	5,683	23,584

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.16	5,683	23,641	186.68	5,683	26,596
186.17	5,683	23,698	186.69	5,683	26,653
186.18	5,683	23,755	186.70	5,683	26,710
186.19	5,683	23,812	186.71	5,683	26,767
186.20	5,683	23,869	186.72	5,683	26,824
186.21	5,683	23,925	186.73	5,683	26,881
186.22	5,683	23,982	186.74	5,683	26,937
186.23	5,683	24,039	186.75	5,683	26,994
186.24	5,683	24,096	186.76	5,683	27,051
186.25	5,683	24,153	186.77	5,683	27,108
186.26	5,683	24,210	186.78	5,683	27,165
186.27	5,683	24,266	186.79	5,683	27,222
186.28	5,683	24,323	186.80	5,683	27,278
186.29	5,683	24,380	186.81	5,683	27,335
186.30	5,683	24,437	186.82	5,683	27,392
186.31	5,683	24,494	186.83	5,683	27,449
186.32	5,683	24,551	186.84	5,683	27,506
186.33	5,683	24,607	186.85	5,683	27,563
186.34	5,683	24,664	186.86	5,683	27,619
186.35	5,683	24,721	186.87	5,683	27,676
186.36	5,683	24,778	186.88	5,683	27,733
186.37	5,683	24,835	186.89	5,683	27,790
186.38	5,683	24,892	186.90	5,683	27,847
186.39	5,683	24,948	186.91	5,683	27,904
186.40	5,683	25,005	186.92	5,683	27,960
186.41	5,683	25,062	186.93	5,683	28,017
186.42	5,683	25,119	186.94	5,683	28,074
186.43	5,683	25,176	186.95	5,683	28,131
186.44	5,683	25,233	186.96	5,683	28,188
186.45	5,683	25,289	186.97	5,683	28,245
186.46	5,683	25,346	186.98	5,683	28,301
186.47	5,683	25,403	186.99	5,683	28,358
186.48	5,683	25,460	187.00	5,683	28,415
186.49	5,683	25,517			
186.50	5,683	25,574			
186.51	5,683	25,630			
186.52	5,683	25,687			
186.53	5,683	25,744			
186.54	5,683	25,801			
186.55	5,683	25,858			
186.56	5,683	25,914			
186.57	5,683	25,971			
186.58	5,683	26,028			
186.59	5,683	26,085			
186.60	5,683	26,142			
186.61	5,683	26,199			
186.62	5,683	26,255			
186.63	5,683	26,312			
186.64	5,683	26,369			
186.65	5,683	26,426			
186.66	5,683	26,483			
186.67	5,683	26,540			

Summary for Pond B-42: Basin #42

Inflow Area = 0.777 ac, 38.35% Impervious, Inflow Depth = 4.00" for Future 10 yr event
 Inflow = 4.14 cfs @ 12.07 hrs, Volume= 0.259 af
 Outflow = 0.21 cfs @ 13.52 hrs, Volume= 0.206 af, Atten= 95%, Lag= 87.1 min
 Primary = 0.21 cfs @ 13.52 hrs, Volume= 0.206 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.58' @ 13.52 hrs Surf.Area= 3,432 sf Storage= 7,155 cf

Plug-Flow detention time= 429.7 min calculated for 0.206 af (80% of inflow)
 Center-of-Mass det. time= 347.8 min (1,130.6 - 782.7)

Volume	Invert	Avail.Storage	Storage Description
#1	181.00'	22,250 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

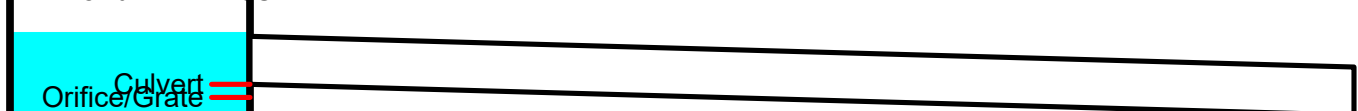
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
181.00	2,142	0	0
182.00	2,613	2,378	2,378
183.00	3,118	2,866	5,243
184.00	3,656	3,387	8,630
185.00	4,227	3,942	12,572
186.00	4,831	4,529	17,101
187.00	5,468	5,150	22,250

Device	Routing	Invert	Outlet Devices
#1	Primary	181.96'	18.0" Round Culvert L= 192.0' Ke= 0.500 Inlet / Outlet Invert= 181.96' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.21 cfs @ 13.52 hrs HW=183.58' (Free Discharge)

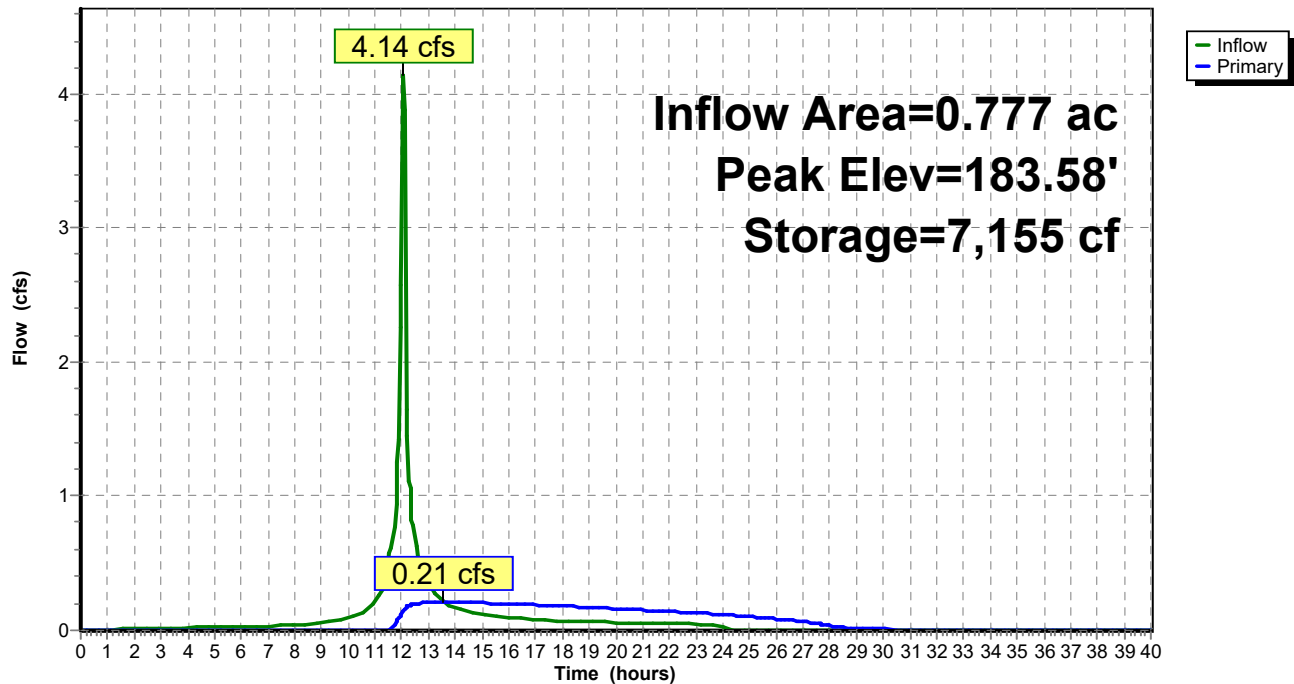
- 1=Culvert (Passes 0.21 cfs of 7.03 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.21 cfs @ 6.14 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-42: Basin #42



Pond B-42: Basin #42

Hydrograph



Hydrograph for Pond B-42: Basin #42

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	181.00	0.00
0.10	0.00	0	181.00	0.00
0.20	0.00	0	181.00	0.00
0.30	0.00	0	181.00	0.00
0.40	0.00	0	181.00	0.00
0.50	0.00	0	181.00	0.00
0.60	0.00	0	181.00	0.00
0.70	0.00	0	181.00	0.00
0.80	0.00	0	181.00	0.00
0.90	0.00	1	181.00	0.00
1.00	0.00	2	181.00	0.00
1.10	0.00	4	181.00	0.00
1.20	0.01	5	181.00	0.00
1.30	0.01	7	181.00	0.00
1.40	0.01	10	181.00	0.00
1.50	0.01	12	181.01	0.00
1.60	0.01	15	181.01	0.00
1.70	0.01	18	181.01	0.00
1.80	0.01	22	181.01	0.00
1.90	0.01	25	181.01	0.00
2.00	0.01	29	181.01	0.00
2.10	0.01	33	181.02	0.00
2.20	0.01	38	181.02	0.00
2.30	0.01	42	181.02	0.00
2.40	0.01	47	181.02	0.00
2.50	0.01	51	181.02	0.00
2.60	0.01	56	181.03	0.00
2.70	0.01	62	181.03	0.00
2.80	0.02	67	181.03	0.00
2.90	0.02	72	181.03	0.00
3.00	0.02	78	181.04	0.00
3.10	0.02	84	181.04	0.00
3.20	0.02	90	181.04	0.00
3.30	0.02	96	181.04	0.00
3.40	0.02	102	181.05	0.00
3.50	0.02	108	181.05	0.00
3.60	0.02	115	181.05	0.00
3.70	0.02	121	181.06	0.00
3.80	0.02	128	181.06	0.00
3.90	0.02	135	181.06	0.00
4.00	0.02	142	181.07	0.00
4.10	0.02	149	181.07	0.00
4.20	0.02	156	181.07	0.00
4.30	0.02	163	181.08	0.00
4.40	0.02	171	181.08	0.00
4.50	0.02	178	181.08	0.00
4.60	0.02	186	181.09	0.00
4.70	0.02	194	181.09	0.00
4.80	0.02	202	181.09	0.00
4.90	0.02	210	181.10	0.00
5.00	0.02	218	181.10	0.00
5.10	0.02	226	181.10	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	234	181.11	0.00
5.30	0.02	242	181.11	0.00
5.40	0.02	251	181.12	0.00
5.50	0.02	259	181.12	0.00
5.60	0.02	268	181.12	0.00
5.70	0.02	277	181.13	0.00
5.80	0.02	286	181.13	0.00
5.90	0.02	294	181.14	0.00
6.00	0.03	303	181.14	0.00
6.10	0.03	313	181.14	0.00
6.20	0.03	322	181.15	0.00
6.30	0.03	332	181.15	0.00
6.40	0.03	342	181.16	0.00
6.50	0.03	352	181.16	0.00
6.60	0.03	363	181.17	0.00
6.70	0.03	373	181.17	0.00
6.80	0.03	384	181.18	0.00
6.90	0.03	396	181.18	0.00
7.00	0.03	407	181.19	0.00
7.10	0.03	419	181.19	0.00
7.20	0.03	431	181.20	0.00
7.30	0.03	444	181.20	0.00
7.40	0.04	456	181.21	0.00
7.50	0.04	469	181.21	0.00
7.60	0.04	482	181.22	0.00
7.70	0.04	496	181.23	0.00
7.80	0.04	509	181.23	0.00
7.90	0.04	523	181.24	0.00
8.00	0.04	537	181.24	0.00
8.10	0.04	552	181.25	0.00
8.20	0.04	567	181.26	0.00
8.30	0.04	582	181.26	0.00
8.40	0.04	598	181.27	0.00
8.50	0.05	614	181.28	0.00
8.60	0.05	631	181.29	0.00
8.70	0.05	648	181.29	0.00
8.80	0.05	666	181.30	0.00
8.90	0.05	685	181.31	0.00
9.00	0.05	704	181.32	0.00
9.10	0.06	724	181.33	0.00
9.20	0.06	745	181.34	0.00
9.30	0.06	768	181.35	0.00
9.40	0.07	792	181.36	0.00
9.50	0.07	817	181.37	0.00
9.60	0.08	844	181.38	0.00
9.70	0.08	873	181.39	0.00
9.80	0.09	903	181.40	0.00
9.90	0.09	934	181.42	0.00
10.00	0.09	968	181.43	0.00
10.10	0.10	1,003	181.45	0.00
10.20	0.10	1,039	181.46	0.00
10.30	0.11	1,078	181.48	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.11	1,118	181.50	0.00
10.50	0.12	1,161	181.51	0.00
10.60	0.14	1,208	181.53	0.00
10.70	0.15	1,260	181.55	0.00
10.80	0.17	1,319	181.58	0.00
10.90	0.19	1,383	181.61	0.00
11.00	0.21	1,455	181.63	0.00
11.10	0.24	1,536	181.67	0.00
11.20	0.27	1,629	181.71	0.00
11.30	0.31	1,735	181.75	0.00
11.40	0.34	1,853	181.80	0.00
11.50	0.39	1,985	181.85	0.00
11.60	0.59	2,176	181.92	0.00
11.70	0.67	2,401	182.01	0.01
11.80	0.95	2,690	182.12	0.06
11.90	1.42	3,102	182.27	0.09
12.00	2.57	3,829	182.53	0.12
12.10	3.88	5,078	182.95	0.16
12.20	1.45	5,791	183.17	0.18
12.30	1.06	6,151	183.28	0.19
12.40	0.80	6,397	183.36	0.19
12.50	0.74	6,604	183.42	0.20
12.60	0.50	6,736	183.46	0.20
12.70	0.47	6,835	183.49	0.20
12.80	0.43	6,919	183.51	0.20
12.90	0.39	6,989	183.54	0.21
13.00	0.34	7,043	183.55	0.21
13.10	0.31	7,083	183.56	0.21
13.20	0.28	7,113	183.57	0.21
13.30	0.26	7,135	183.58	0.21
13.40	0.24	7,149	183.58	0.21
13.50	0.22	7,155	183.58	0.21
13.60	0.20	7,153	183.58	0.21
13.70	0.19	7,147	183.58	0.21
13.80	0.19	7,140	183.58	0.21
13.90	0.18	7,130	183.58	0.21
14.00	0.17	7,119	183.57	0.21
14.10	0.17	7,105	183.57	0.21
14.20	0.16	7,090	183.56	0.21
14.30	0.16	7,073	183.56	0.21
14.40	0.15	7,053	183.55	0.21
14.50	0.15	7,032	183.55	0.21
14.60	0.14	7,009	183.54	0.21
14.70	0.13	6,984	183.53	0.21
14.80	0.13	6,957	183.53	0.21
14.90	0.12	6,927	183.52	0.20
15.00	0.12	6,897	183.51	0.20
15.10	0.11	6,864	183.50	0.20
15.20	0.11	6,830	183.49	0.20
15.30	0.11	6,797	183.48	0.20
15.40	0.11	6,763	183.47	0.20
15.50	0.11	6,728	183.46	0.20

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.10	6,693	183.45	0.20
15.70	0.10	6,658	183.44	0.20
15.80	0.10	6,623	183.43	0.20
15.90	0.10	6,588	183.42	0.20
16.00	0.10	6,552	183.41	0.20
16.10	0.10	6,516	183.39	0.20
16.20	0.09	6,479	183.38	0.20
16.30	0.09	6,442	183.37	0.20
16.40	0.09	6,405	183.36	0.19
16.50	0.09	6,368	183.35	0.19
16.60	0.09	6,330	183.34	0.19
16.70	0.09	6,293	183.33	0.19
16.80	0.08	6,255	183.32	0.19
16.90	0.08	6,216	183.30	0.19
17.00	0.08	6,178	183.29	0.19
17.10	0.08	6,139	183.28	0.19
17.20	0.08	6,100	183.27	0.19
17.30	0.08	6,060	183.26	0.19
17.40	0.08	6,020	183.24	0.19
17.50	0.07	5,981	183.23	0.19
17.60	0.07	5,940	183.22	0.18
17.70	0.07	5,900	183.21	0.18
17.80	0.07	5,859	183.19	0.18
17.90	0.07	5,819	183.18	0.18
18.00	0.07	5,777	183.17	0.18
18.10	0.06	5,736	183.16	0.18
18.20	0.06	5,695	183.14	0.18
18.30	0.06	5,654	183.13	0.18
18.40	0.06	5,613	183.12	0.18
18.50	0.06	5,573	183.10	0.18
18.60	0.06	5,532	183.09	0.17
18.70	0.06	5,492	183.08	0.17
18.80	0.06	5,452	183.07	0.17
18.90	0.06	5,413	183.05	0.17
19.00	0.06	5,373	183.04	0.17
19.10	0.06	5,334	183.03	0.17
19.20	0.06	5,295	183.02	0.17
19.30	0.06	5,256	183.00	0.17
19.40	0.06	5,217	182.99	0.17
19.50	0.06	5,179	182.98	0.17
19.60	0.06	5,141	182.97	0.16
19.70	0.06	5,103	182.95	0.16
19.80	0.06	5,065	182.94	0.16
19.90	0.06	5,028	182.93	0.16
20.00	0.06	4,990	182.92	0.16
20.10	0.06	4,953	182.91	0.16
20.20	0.06	4,917	182.89	0.16
20.30	0.06	4,880	182.88	0.16
20.40	0.06	4,844	182.87	0.16
20.50	0.06	4,807	182.86	0.16
20.60	0.06	4,772	182.85	0.15
20.70	0.05	4,736	182.84	0.15

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.05	4,700	182.82	0.15
20.90	0.05	4,665	182.81	0.15
21.00	0.05	4,630	182.80	0.15
21.10	0.05	4,595	182.79	0.15
21.20	0.05	4,561	182.78	0.15
21.30	0.05	4,527	182.77	0.15
21.40	0.05	4,493	182.75	0.15
21.50	0.05	4,459	182.74	0.15
21.60	0.05	4,425	182.73	0.14
21.70	0.05	4,392	182.72	0.14
21.80	0.05	4,359	182.71	0.14
21.90	0.05	4,326	182.70	0.14
22.00	0.05	4,293	182.69	0.14
22.10	0.05	4,261	182.68	0.14
22.20	0.05	4,229	182.67	0.14
22.30	0.05	4,197	182.65	0.14
22.40	0.05	4,165	182.64	0.14
22.50	0.05	4,133	182.63	0.13
22.60	0.05	4,102	182.62	0.13
22.70	0.05	4,071	182.61	0.13
22.80	0.05	4,041	182.60	0.13
22.90	0.05	4,010	182.59	0.13
23.00	0.05	3,980	182.58	0.13
23.10	0.05	3,950	182.57	0.13
23.20	0.04	3,920	182.56	0.13
23.30	0.04	3,891	182.55	0.13
23.40	0.04	3,861	182.54	0.12
23.50	0.04	3,832	182.53	0.12
23.60	0.04	3,804	182.52	0.12
23.70	0.04	3,775	182.51	0.12
23.80	0.04	3,747	182.50	0.12
23.90	0.04	3,719	182.49	0.12
24.00	0.05	3,694	182.48	0.12
24.10	0.00	3,656	182.47	0.12
24.20	0.00	3,614	182.45	0.12
24.30	0.00	3,573	182.44	0.11
24.40	0.00	3,532	182.42	0.11
24.50	0.00	3,492	182.41	0.11
24.60	0.00	3,453	182.40	0.11
24.70	0.00	3,414	182.38	0.11
24.80	0.00	3,376	182.37	0.10
24.90	0.00	3,339	182.36	0.10
25.00	0.00	3,302	182.34	0.10
25.10	0.00	3,266	182.33	0.10
25.20	0.00	3,230	182.32	0.10
25.30	0.00	3,195	182.30	0.10
25.40	0.00	3,161	182.29	0.09
25.50	0.00	3,127	182.28	0.09
25.60	0.00	3,094	182.27	0.09
25.70	0.00	3,062	182.26	0.09
25.80	0.00	3,030	182.24	0.09
25.90	0.00	2,999	182.23	0.09

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,968	182.22	0.08
26.10	0.00	2,938	182.21	0.08
26.20	0.00	2,909	182.20	0.08
26.30	0.00	2,881	182.19	0.08
26.40	0.00	2,853	182.18	0.08
26.50	0.00	2,826	182.17	0.07
26.60	0.00	2,799	182.16	0.07
26.70	0.00	2,773	182.15	0.07
26.80	0.00	2,748	182.14	0.07
26.90	0.00	2,723	182.13	0.07
27.00	0.00	2,699	182.12	0.06
27.10	0.00	2,677	182.11	0.06
27.20	0.00	2,655	182.10	0.06
27.30	0.00	2,634	182.10	0.06
27.40	0.00	2,614	182.09	0.06
27.50	0.00	2,594	182.08	0.05
27.60	0.00	2,576	182.08	0.05
27.70	0.00	2,559	182.07	0.04
27.80	0.00	2,543	182.06	0.04
27.90	0.00	2,529	182.06	0.04
28.00	0.00	2,516	182.05	0.03
28.10	0.00	2,505	182.05	0.03
28.20	0.00	2,494	182.04	0.03
28.30	0.00	2,484	182.04	0.03
28.40	0.00	2,475	182.04	0.02
28.50	0.00	2,467	182.03	0.02
28.60	0.00	2,460	182.03	0.02
28.70	0.00	2,453	182.03	0.02
28.80	0.00	2,447	182.03	0.02
28.90	0.00	2,441	182.02	0.01
29.00	0.00	2,436	182.02	0.01
29.10	0.00	2,432	182.02	0.01
29.20	0.00	2,427	182.02	0.01
29.30	0.00	2,423	182.02	0.01
29.40	0.00	2,419	182.02	0.01
29.50	0.00	2,416	182.01	0.01
29.60	0.00	2,412	182.01	0.01
29.70	0.00	2,409	182.01	0.01
29.80	0.00	2,405	182.01	0.01
29.90	0.00	2,402	182.01	0.01
30.00	0.00	2,399	182.01	0.01
30.10	0.00	2,397	182.01	0.01
30.20	0.00	2,394	182.01	0.01
30.30	0.00	2,392	182.01	0.01
30.40	0.00	2,389	182.00	0.01
30.50	0.00	2,387	182.00	0.01
30.60	0.00	2,385	182.00	0.01
30.70	0.00	2,383	182.00	0.01
30.80	0.00	2,381	182.00	0.01
30.90	0.00	2,379	182.00	0.01
31.00	0.00	2,377	182.00	0.00
31.10	0.00	2,375	182.00	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,373	182.00	0.00
31.30	0.00	2,372	182.00	0.00
31.40	0.00	2,370	182.00	0.00
31.50	0.00	2,368	182.00	0.00
31.60	0.00	2,367	182.00	0.00
31.70	0.00	2,365	182.00	0.00
31.80	0.00	2,364	181.99	0.00
31.90	0.00	2,362	181.99	0.00
32.00	0.00	2,360	181.99	0.00
32.10	0.00	2,359	181.99	0.00
32.20	0.00	2,358	181.99	0.00
32.30	0.00	2,356	181.99	0.00
32.40	0.00	2,355	181.99	0.00
32.50	0.00	2,353	181.99	0.00
32.60	0.00	2,352	181.99	0.00
32.70	0.00	2,351	181.99	0.00
32.80	0.00	2,349	181.99	0.00
32.90	0.00	2,348	181.99	0.00
33.00	0.00	2,347	181.99	0.00
33.10	0.00	2,345	181.99	0.00
33.20	0.00	2,344	181.99	0.00
33.30	0.00	2,343	181.99	0.00
33.40	0.00	2,342	181.99	0.00
33.50	0.00	2,341	181.99	0.00
33.60	0.00	2,339	181.99	0.00
33.70	0.00	2,338	181.98	0.00
33.80	0.00	2,337	181.98	0.00
33.90	0.00	2,336	181.98	0.00
34.00	0.00	2,335	181.98	0.00
34.10	0.00	2,334	181.98	0.00
34.20	0.00	2,333	181.98	0.00
34.30	0.00	2,332	181.98	0.00
34.40	0.00	2,331	181.98	0.00
34.50	0.00	2,330	181.98	0.00
34.60	0.00	2,329	181.98	0.00
34.70	0.00	2,328	181.98	0.00
34.80	0.00	2,327	181.98	0.00
34.90	0.00	2,326	181.98	0.00
35.00	0.00	2,325	181.98	0.00
35.10	0.00	2,324	181.98	0.00
35.20	0.00	2,324	181.98	0.00
35.30	0.00	2,323	181.98	0.00
35.40	0.00	2,322	181.98	0.00
35.50	0.00	2,321	181.98	0.00
35.60	0.00	2,320	181.98	0.00
35.70	0.00	2,319	181.98	0.00
35.80	0.00	2,319	181.98	0.00
35.90	0.00	2,318	181.98	0.00
36.00	0.00	2,317	181.98	0.00
36.10	0.00	2,316	181.98	0.00
36.20	0.00	2,316	181.98	0.00
36.30	0.00	2,315	181.98	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,314	181.98	0.00
36.50	0.00	2,313	181.98	0.00
36.60	0.00	2,313	181.98	0.00
36.70	0.00	2,312	181.97	0.00
36.80	0.00	2,311	181.97	0.00
36.90	0.00	2,311	181.97	0.00
37.00	0.00	2,310	181.97	0.00
37.10	0.00	2,309	181.97	0.00
37.20	0.00	2,309	181.97	0.00
37.30	0.00	2,308	181.97	0.00
37.40	0.00	2,308	181.97	0.00
37.50	0.00	2,307	181.97	0.00
37.60	0.00	2,307	181.97	0.00
37.70	0.00	2,306	181.97	0.00
37.80	0.00	2,305	181.97	0.00
37.90	0.00	2,305	181.97	0.00
38.00	0.00	2,304	181.97	0.00
38.10	0.00	2,304	181.97	0.00
38.20	0.00	2,303	181.97	0.00
38.30	0.00	2,303	181.97	0.00
38.40	0.00	2,302	181.97	0.00
38.50	0.00	2,302	181.97	0.00
38.60	0.00	2,301	181.97	0.00
38.70	0.00	2,301	181.97	0.00
38.80	0.00	2,300	181.97	0.00
38.90	0.00	2,300	181.97	0.00
39.00	0.00	2,299	181.97	0.00
39.10	0.00	2,299	181.97	0.00
39.20	0.00	2,299	181.97	0.00
39.30	0.00	2,298	181.97	0.00
39.40	0.00	2,298	181.97	0.00
39.50	0.00	2,297	181.97	0.00
39.60	0.00	2,297	181.97	0.00
39.70	0.00	2,296	181.97	0.00
39.80	0.00	2,296	181.97	0.00
39.90	0.00	2,296	181.97	0.00
40.00	0.00	2,295	181.97	0.00

Stage-Discharge for Pond B-42: Basin #42

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.00	0.00	181.52	0.00	182.04	0.02	182.56	0.13
181.01	0.00	181.53	0.00	182.05	0.03	182.57	0.13
181.02	0.00	181.54	0.00	182.06	0.04	182.58	0.13
181.03	0.00	181.55	0.00	182.07	0.04	182.59	0.13
181.04	0.00	181.56	0.00	182.08	0.05	182.60	0.13
181.05	0.00	181.57	0.00	182.09	0.06	182.61	0.13
181.06	0.00	181.58	0.00	182.10	0.06	182.62	0.13
181.07	0.00	181.59	0.00	182.11	0.06	182.63	0.13
181.08	0.00	181.60	0.00	182.12	0.07	182.64	0.14
181.09	0.00	181.61	0.00	182.13	0.07	182.65	0.14
181.10	0.00	181.62	0.00	182.14	0.07	182.66	0.14
181.11	0.00	181.63	0.00	182.15	0.07	182.67	0.14
181.12	0.00	181.64	0.00	182.16	0.07	182.68	0.14
181.13	0.00	181.65	0.00	182.17	0.08	182.69	0.14
181.14	0.00	181.66	0.00	182.18	0.08	182.70	0.14
181.15	0.00	181.67	0.00	182.19	0.08	182.71	0.14
181.16	0.00	181.68	0.00	182.20	0.08	182.72	0.14
181.17	0.00	181.69	0.00	182.21	0.08	182.73	0.14
181.18	0.00	181.70	0.00	182.22	0.08	182.74	0.14
181.19	0.00	181.71	0.00	182.23	0.09	182.75	0.15
181.20	0.00	181.72	0.00	182.24	0.09	182.76	0.15
181.21	0.00	181.73	0.00	182.25	0.09	182.77	0.15
181.22	0.00	181.74	0.00	182.26	0.09	182.78	0.15
181.23	0.00	181.75	0.00	182.27	0.09	182.79	0.15
181.24	0.00	181.76	0.00	182.28	0.09	182.80	0.15
181.25	0.00	181.77	0.00	182.29	0.09	182.81	0.15
181.26	0.00	181.78	0.00	182.30	0.10	182.82	0.15
181.27	0.00	181.79	0.00	182.31	0.10	182.83	0.15
181.28	0.00	181.80	0.00	182.32	0.10	182.84	0.15
181.29	0.00	181.81	0.00	182.33	0.10	182.85	0.15
181.30	0.00	181.82	0.00	182.34	0.10	182.86	0.16
181.31	0.00	181.83	0.00	182.35	0.10	182.87	0.16
181.32	0.00	181.84	0.00	182.36	0.10	182.88	0.16
181.33	0.00	181.85	0.00	182.37	0.11	182.89	0.16
181.34	0.00	181.86	0.00	182.38	0.11	182.90	0.16
181.35	0.00	181.87	0.00	182.39	0.11	182.91	0.16
181.36	0.00	181.88	0.00	182.40	0.11	182.92	0.16
181.37	0.00	181.89	0.00	182.41	0.11	182.93	0.16
181.38	0.00	181.90	0.00	182.42	0.11	182.94	0.16
181.39	0.00	181.91	0.00	182.43	0.11	182.95	0.16
181.40	0.00	181.92	0.00	182.44	0.11	182.96	0.16
181.41	0.00	181.93	0.00	182.45	0.11	182.97	0.16
181.42	0.00	181.94	0.00	182.46	0.12	182.98	0.17
181.43	0.00	181.95	0.00	182.47	0.12	182.99	0.17
181.44	0.00	181.96	0.00	182.48	0.12	183.00	0.17
181.45	0.00	181.97	0.00	182.49	0.12	183.01	0.17
181.46	0.00	181.98	0.00	182.50	0.12	183.02	0.17
181.47	0.00	181.99	0.00	182.51	0.12	183.03	0.17
181.48	0.00	182.00	0.00	182.52	0.12	183.04	0.17
181.49	0.00	182.01	0.01	182.53	0.12	183.05	0.17
181.50	0.00	182.02	0.01	182.54	0.13	183.06	0.17
181.51	0.00	182.03	0.02	182.55	0.13	183.07	0.17

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.08	0.17	183.60	0.21	184.12	0.24	184.64	0.27
183.09	0.17	183.61	0.21	184.13	0.24	184.65	0.27
183.10	0.18	183.62	0.21	184.14	0.24	184.66	0.27
183.11	0.18	183.63	0.21	184.15	0.24	184.67	0.27
183.12	0.18	183.64	0.21	184.16	0.24	184.68	0.27
183.13	0.18	183.65	0.21	184.17	0.24	184.69	0.27
183.14	0.18	183.66	0.21	184.18	0.24	184.70	0.27
183.15	0.18	183.67	0.21	184.19	0.25	184.71	0.27
183.16	0.18	183.68	0.22	184.20	0.25	184.72	0.27
183.17	0.18	183.69	0.22	184.21	0.25	184.73	0.27
183.18	0.18	183.70	0.22	184.22	0.25	184.74	0.27
183.19	0.18	183.71	0.22	184.23	0.25	184.75	0.27
183.20	0.18	183.72	0.22	184.24	0.25	184.76	0.27
183.21	0.18	183.73	0.22	184.25	0.25	184.77	0.28
183.22	0.18	183.74	0.22	184.26	0.25	184.78	0.28
183.23	0.18	183.75	0.22	184.27	0.25	184.79	0.28
183.24	0.19	183.76	0.22	184.28	0.25	184.80	0.28
183.25	0.19	183.77	0.22	184.29	0.25	184.81	0.28
183.26	0.19	183.78	0.22	184.30	0.25	184.82	0.28
183.27	0.19	183.79	0.22	184.31	0.25	184.83	0.28
183.28	0.19	183.80	0.22	184.32	0.25	184.84	0.28
183.29	0.19	183.81	0.22	184.33	0.25	184.85	0.28
183.30	0.19	183.82	0.22	184.34	0.25	184.86	0.28
183.31	0.19	183.83	0.22	184.35	0.25	184.87	0.28
183.32	0.19	183.84	0.23	184.36	0.25	184.88	0.28
183.33	0.19	183.85	0.23	184.37	0.25	184.89	0.28
183.34	0.19	183.86	0.23	184.38	0.26	184.90	0.28
183.35	0.19	183.87	0.23	184.39	0.26	184.91	0.28
183.36	0.19	183.88	0.23	184.40	0.26	184.92	0.28
183.37	0.19	183.89	0.23	184.41	0.26	184.93	0.28
183.38	0.20	183.90	0.23	184.42	0.26	184.94	0.28
183.39	0.20	183.91	0.23	184.43	0.26	184.95	0.28
183.40	0.20	183.92	0.23	184.44	0.26	184.96	0.28
183.41	0.20	183.93	0.23	184.45	0.26	184.97	0.28
183.42	0.20	183.94	0.23	184.46	0.26	184.98	0.29
183.43	0.20	183.95	0.23	184.47	0.26	184.99	0.29
183.44	0.20	183.96	0.23	184.48	0.26	185.00	0.29
183.45	0.20	183.97	0.23	184.49	0.26	185.01	0.29
183.46	0.20	183.98	0.23	184.50	0.26	185.02	0.29
183.47	0.20	183.99	0.23	184.51	0.26	185.03	0.29
183.48	0.20	184.00	0.23	184.52	0.26	185.04	0.29
183.49	0.20	184.01	0.24	184.53	0.26	185.05	0.29
183.50	0.20	184.02	0.24	184.54	0.26	185.06	0.29
183.51	0.20	184.03	0.24	184.55	0.26	185.07	0.29
183.52	0.21	184.04	0.24	184.56	0.26	185.08	0.29
183.53	0.21	184.05	0.24	184.57	0.27	185.09	0.29
183.54	0.21	184.06	0.24	184.58	0.27	185.10	0.29
183.55	0.21	184.07	0.24	184.59	0.27	185.11	0.29
183.56	0.21	184.08	0.24	184.60	0.27	185.12	0.29
183.57	0.21	184.09	0.24	184.61	0.27	185.13	0.29
183.58	0.21	184.10	0.24	184.62	0.27	185.14	0.29
183.59	0.21	184.11	0.24	184.63	0.27	185.15	0.29

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.16	0.29	185.68	0.32	186.20	1.50	186.72	20.35
185.17	0.29	185.69	0.32	186.21	1.58	186.73	21.40
185.18	0.29	185.70	0.32	186.22	1.67	186.74	22.48
185.19	0.29	185.71	0.32	186.23	1.77	186.75	23.59
185.20	0.30	185.72	0.32	186.24	1.86	186.76	24.72
185.21	0.30	185.73	0.32	186.25	1.95	186.77	25.88
185.22	0.30	185.74	0.32	186.26	2.05	186.78	27.07
185.23	0.30	185.75	0.32	186.27	2.15	186.79	28.28
185.24	0.30	185.76	0.32	186.28	2.25	186.80	29.51
185.25	0.30	185.77	0.32	186.29	2.35	186.81	30.78
185.26	0.30	185.78	0.32	186.30	2.46	186.82	32.06
185.27	0.30	185.79	0.32	186.31	2.56	186.83	33.37
185.28	0.30	185.80	0.32	186.32	2.67	186.84	34.71
185.29	0.30	185.81	0.32	186.33	2.78	186.85	36.07
185.30	0.30	185.82	0.32	186.34	2.89	186.86	37.46
185.31	0.30	185.83	0.32	186.35	3.00	186.87	38.87
185.32	0.30	185.84	0.32	186.36	3.12	186.88	40.31
185.33	0.30	185.85	0.32	186.37	3.23	186.89	41.77
185.34	0.30	185.86	0.32	186.38	3.35	186.90	43.26
185.35	0.30	185.87	0.32	186.39	3.47	186.91	44.80
185.36	0.30	185.88	0.32	186.40	3.59	186.92	46.36
185.37	0.30	185.89	0.33	186.41	3.71	186.93	47.96
185.38	0.30	185.90	0.33	186.42	3.83	186.94	49.58
185.39	0.30	185.91	0.33	186.43	3.96	186.95	51.22
185.40	0.30	185.92	0.33	186.44	4.08	186.96	52.90
185.41	0.30	185.93	0.33	186.45	4.21	186.97	54.60
185.42	0.31	185.94	0.33	186.46	4.34	186.98	56.32
185.43	0.31	185.95	0.33	186.47	4.46	186.99	58.08
185.44	0.31	185.96	0.33	186.48	4.59	187.00	59.86
185.45	0.31	185.97	0.33	186.49	4.73		
185.46	0.31	185.98	0.33	186.50	4.86		
185.47	0.31	185.99	0.33	186.51	5.11		
185.48	0.31	186.00	0.33	186.52	5.46		
185.49	0.31	186.01	0.34	186.53	5.87		
185.50	0.31	186.02	0.37	186.54	6.34		
185.51	0.31	186.03	0.40	186.55	6.85		
185.52	0.31	186.04	0.44	186.56	7.40		
185.53	0.31	186.05	0.48	186.57	7.99		
185.54	0.31	186.06	0.52	186.58	8.62		
185.55	0.31	186.07	0.57	186.59	9.28		
185.56	0.31	186.08	0.63	186.60	9.97		
185.57	0.31	186.09	0.69	186.61	10.69		
185.58	0.31	186.10	0.75	186.62	11.43		
185.59	0.31	186.11	0.81	186.63	12.21		
185.60	0.31	186.12	0.88	186.64	13.01		
185.61	0.31	186.13	0.94	186.65	13.83		
185.62	0.31	186.14	1.02	186.66	14.68		
185.63	0.31	186.15	1.09	186.67	15.56		
185.64	0.31	186.16	1.17	186.68	16.45		
185.65	0.32	186.17	1.25	186.69	17.37		
185.66	0.32	186.18	1.33	186.70	18.31		
185.67	0.32	186.19	1.41	186.71	19.32		

Stage-Area-Storage for Pond B-42: Basin #42

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.00	2,142	0	181.52	2,387	1,178
181.01	2,147	21	181.53	2,392	1,201
181.02	2,151	43	181.54	2,396	1,225
181.03	2,156	64	181.55	2,401	1,249
181.04	2,161	86	181.56	2,406	1,273
181.05	2,166	108	181.57	2,410	1,297
181.06	2,170	129	181.58	2,415	1,322
181.07	2,175	151	181.59	2,420	1,346
181.08	2,180	173	181.60	2,425	1,370
181.09	2,184	195	181.61	2,429	1,394
181.10	2,189	217	181.62	2,434	1,419
181.11	2,194	238	181.63	2,439	1,443
181.12	2,199	260	181.64	2,443	1,467
181.13	2,203	282	181.65	2,448	1,492
181.14	2,208	304	181.66	2,453	1,516
181.15	2,213	327	181.67	2,458	1,541
181.16	2,217	349	181.68	2,462	1,565
181.17	2,222	371	181.69	2,467	1,590
181.18	2,227	393	181.70	2,472	1,615
181.19	2,231	415	181.71	2,476	1,640
181.20	2,236	438	181.72	2,481	1,664
181.21	2,241	460	181.73	2,486	1,689
181.22	2,246	483	181.74	2,491	1,714
181.23	2,250	505	181.75	2,495	1,739
181.24	2,255	528	181.76	2,500	1,764
181.25	2,260	550	181.77	2,505	1,789
181.26	2,264	573	181.78	2,509	1,814
181.27	2,269	596	181.79	2,514	1,839
181.28	2,274	618	181.80	2,519	1,864
181.29	2,279	641	181.81	2,524	1,890
181.30	2,283	664	181.82	2,528	1,915
181.31	2,288	687	181.83	2,533	1,940
181.32	2,293	710	181.84	2,538	1,965
181.33	2,297	733	181.85	2,542	1,991
181.34	2,302	756	181.86	2,547	2,016
181.35	2,307	779	181.87	2,552	2,042
181.36	2,312	802	181.88	2,556	2,067
181.37	2,316	825	181.89	2,561	2,093
181.38	2,321	848	181.90	2,566	2,119
181.39	2,326	871	181.91	2,571	2,144
181.40	2,330	894	181.92	2,575	2,170
181.41	2,335	918	181.93	2,580	2,196
181.42	2,340	941	181.94	2,585	2,222
181.43	2,345	965	181.95	2,589	2,247
181.44	2,349	988	181.96	2,594	2,273
181.45	2,354	1,012	181.97	2,599	2,299
181.46	2,359	1,035	181.98	2,604	2,325
181.47	2,363	1,059	181.99	2,608	2,351
181.48	2,368	1,082	182.00	2,613	2,378
181.49	2,373	1,106	182.01	2,618	2,404
181.50	2,378	1,130	182.02	2,623	2,430
181.51	2,382	1,154	182.03	2,628	2,456

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.04	2,633	2,482	182.56	2,896	3,920
182.05	2,638	2,509	182.57	2,901	3,949
182.06	2,643	2,535	182.58	2,906	3,978
182.07	2,648	2,562	182.59	2,911	4,007
182.08	2,653	2,588	182.60	2,916	4,036
182.09	2,658	2,615	182.61	2,921	4,065
182.10	2,663	2,641	182.62	2,926	4,095
182.11	2,669	2,668	182.63	2,931	4,124
182.12	2,674	2,695	182.64	2,936	4,153
182.13	2,679	2,721	182.65	2,941	4,183
182.14	2,684	2,748	182.66	2,946	4,212
182.15	2,689	2,775	182.67	2,951	4,242
182.16	2,694	2,802	182.68	2,956	4,271
182.17	2,699	2,829	182.69	2,961	4,301
182.18	2,704	2,856	182.70	2,966	4,330
182.19	2,709	2,883	182.71	2,972	4,360
182.20	2,714	2,910	182.72	2,977	4,390
182.21	2,719	2,937	182.73	2,982	4,420
182.22	2,724	2,965	182.74	2,987	4,449
182.23	2,729	2,992	182.75	2,992	4,479
182.24	2,734	3,019	182.76	2,997	4,509
182.25	2,739	3,047	182.77	3,002	4,539
182.26	2,744	3,074	182.78	3,007	4,569
182.27	2,749	3,101	182.79	3,012	4,599
182.28	2,754	3,129	182.80	3,017	4,630
182.29	2,759	3,157	182.81	3,022	4,660
182.30	2,765	3,184	182.82	3,027	4,690
182.31	2,770	3,212	182.83	3,032	4,720
182.32	2,775	3,240	182.84	3,037	4,751
182.33	2,780	3,267	182.85	3,042	4,781
182.34	2,785	3,295	182.86	3,047	4,811
182.35	2,790	3,323	182.87	3,052	4,842
182.36	2,795	3,351	182.88	3,057	4,872
182.37	2,800	3,379	182.89	3,062	4,903
182.38	2,805	3,407	182.90	3,068	4,934
182.39	2,810	3,435	182.91	3,073	4,964
182.40	2,815	3,463	182.92	3,078	4,995
182.41	2,820	3,491	182.93	3,083	5,026
182.42	2,825	3,520	182.94	3,088	5,057
182.43	2,830	3,548	182.95	3,093	5,088
182.44	2,835	3,576	182.96	3,098	5,119
182.45	2,840	3,604	182.97	3,103	5,150
182.46	2,845	3,633	182.98	3,108	5,181
182.47	2,850	3,661	182.99	3,113	5,212
182.48	2,855	3,690	183.00	3,118	5,243
182.49	2,860	3,718	183.01	3,123	5,274
182.50	2,866	3,747	183.02	3,129	5,305
182.51	2,871	3,776	183.03	3,134	5,337
182.52	2,876	3,805	183.04	3,140	5,368
182.53	2,881	3,833	183.05	3,145	5,400
182.54	2,886	3,862	183.06	3,150	5,431
182.55	2,891	3,891	183.07	3,156	5,463

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.08	3,161	5,494	183.60	3,441	7,211
183.09	3,166	5,526	183.61	3,446	7,245
183.10	3,172	5,557	183.62	3,452	7,280
183.11	3,177	5,589	183.63	3,457	7,314
183.12	3,183	5,621	183.64	3,462	7,349
183.13	3,188	5,653	183.65	3,468	7,383
183.14	3,193	5,685	183.66	3,473	7,418
183.15	3,199	5,717	183.67	3,478	7,453
183.16	3,204	5,749	183.68	3,484	7,488
183.17	3,209	5,781	183.69	3,489	7,522
183.18	3,215	5,813	183.70	3,495	7,557
183.19	3,220	5,845	183.71	3,500	7,592
183.20	3,226	5,877	183.72	3,505	7,627
183.21	3,231	5,910	183.73	3,511	7,662
183.22	3,236	5,942	183.74	3,516	7,698
183.23	3,242	5,974	183.75	3,522	7,733
183.24	3,247	6,007	183.76	3,527	7,768
183.25	3,253	6,039	183.77	3,532	7,803
183.26	3,258	6,072	183.78	3,538	7,839
183.27	3,263	6,104	183.79	3,543	7,874
183.28	3,269	6,137	183.80	3,548	7,910
183.29	3,274	6,170	183.81	3,554	7,945
183.30	3,279	6,203	183.82	3,559	7,981
183.31	3,285	6,235	183.83	3,565	8,016
183.32	3,290	6,268	183.84	3,570	8,052
183.33	3,296	6,301	183.85	3,575	8,088
183.34	3,301	6,334	183.86	3,581	8,123
183.35	3,306	6,367	183.87	3,586	8,159
183.36	3,312	6,400	183.88	3,591	8,195
183.37	3,317	6,433	183.89	3,597	8,231
183.38	3,322	6,467	183.90	3,602	8,267
183.39	3,328	6,500	183.91	3,608	8,303
183.40	3,333	6,533	183.92	3,613	8,339
183.41	3,339	6,567	183.93	3,618	8,375
183.42	3,344	6,600	183.94	3,624	8,412
183.43	3,349	6,633	183.95	3,629	8,448
183.44	3,355	6,667	183.96	3,634	8,484
183.45	3,360	6,701	183.97	3,640	8,521
183.46	3,365	6,734	183.98	3,645	8,557
183.47	3,371	6,768	183.99	3,651	8,593
183.48	3,376	6,802	184.00	3,656	8,630
183.49	3,382	6,835	184.01	3,662	8,667
183.50	3,387	6,869	184.02	3,667	8,703
183.51	3,392	6,903	184.03	3,673	8,740
183.52	3,398	6,937	184.04	3,679	8,777
183.53	3,403	6,971	184.05	3,685	8,814
183.54	3,409	7,005	184.06	3,690	8,850
183.55	3,414	7,039	184.07	3,696	8,887
183.56	3,419	7,073	184.08	3,702	8,924
183.57	3,425	7,108	184.09	3,707	8,961
183.58	3,430	7,142	184.10	3,713	8,998
183.59	3,435	7,176	184.11	3,719	9,036

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.12	3,725	9,073	184.64	4,021	11,087
184.13	3,730	9,110	184.65	4,027	11,127
184.14	3,736	9,147	184.66	4,033	11,167
184.15	3,742	9,185	184.67	4,039	11,208
184.16	3,747	9,222	184.68	4,044	11,248
184.17	3,753	9,260	184.69	4,050	11,289
184.18	3,759	9,297	184.70	4,056	11,329
184.19	3,764	9,335	184.71	4,061	11,370
184.20	3,770	9,373	184.72	4,067	11,410
184.21	3,776	9,410	184.73	4,073	11,451
184.22	3,782	9,448	184.74	4,079	11,492
184.23	3,787	9,486	184.75	4,084	11,533
184.24	3,793	9,524	184.76	4,090	11,573
184.25	3,799	9,562	184.77	4,096	11,614
184.26	3,804	9,600	184.78	4,101	11,655
184.27	3,810	9,638	184.79	4,107	11,696
184.28	3,816	9,676	184.80	4,113	11,738
184.29	3,822	9,714	184.81	4,119	11,779
184.30	3,827	9,752	184.82	4,124	11,820
184.31	3,833	9,791	184.83	4,130	11,861
184.32	3,839	9,829	184.84	4,136	11,902
184.33	3,844	9,868	184.85	4,141	11,944
184.34	3,850	9,906	184.86	4,147	11,985
184.35	3,856	9,945	184.87	4,153	12,027
184.36	3,862	9,983	184.88	4,158	12,068
184.37	3,867	10,022	184.89	4,164	12,110
184.38	3,873	10,061	184.90	4,170	12,152
184.39	3,879	10,099	184.91	4,176	12,193
184.40	3,884	10,138	184.92	4,181	12,235
184.41	3,890	10,177	184.93	4,187	12,277
184.42	3,896	10,216	184.94	4,193	12,319
184.43	3,902	10,255	184.95	4,198	12,361
184.44	3,907	10,294	184.96	4,204	12,403
184.45	3,913	10,333	184.97	4,210	12,445
184.46	3,919	10,372	184.98	4,216	12,487
184.47	3,924	10,411	184.99	4,221	12,529
184.48	3,930	10,451	185.00	4,227	12,572
184.49	3,936	10,490	185.01	4,233	12,614
184.50	3,942	10,529	185.02	4,239	12,656
184.51	3,947	10,569	185.03	4,245	12,699
184.52	3,953	10,608	185.04	4,251	12,741
184.53	3,959	10,648	185.05	4,257	12,784
184.54	3,964	10,687	185.06	4,263	12,826
184.55	3,970	10,727	185.07	4,269	12,869
184.56	3,976	10,767	185.08	4,275	12,912
184.57	3,981	10,807	185.09	4,281	12,954
184.58	3,987	10,847	185.10	4,287	12,997
184.59	3,993	10,886	185.11	4,293	13,040
184.60	3,999	10,926	185.12	4,299	13,083
184.61	4,004	10,966	185.13	4,306	13,126
184.62	4,010	11,006	185.14	4,312	13,169
184.63	4,016	11,047	185.15	4,318	13,212

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.16	4,324	13,256	185.68	4,638	15,586
185.17	4,330	13,299	185.69	4,644	15,632
185.18	4,336	13,342	185.70	4,650	15,678
185.19	4,342	13,386	185.71	4,656	15,725
185.20	4,348	13,429	185.72	4,662	15,771
185.21	4,354	13,472	185.73	4,668	15,818
185.22	4,360	13,516	185.74	4,674	15,865
185.23	4,366	13,560	185.75	4,680	15,912
185.24	4,372	13,603	185.76	4,686	15,958
185.25	4,378	13,647	185.77	4,692	16,005
185.26	4,384	13,691	185.78	4,698	16,052
185.27	4,390	13,735	185.79	4,704	16,099
185.28	4,396	13,779	185.80	4,710	16,146
185.29	4,402	13,823	185.81	4,716	16,194
185.30	4,408	13,867	185.82	4,722	16,241
185.31	4,414	13,911	185.83	4,728	16,288
185.32	4,420	13,955	185.84	4,734	16,335
185.33	4,426	13,999	185.85	4,740	16,383
185.34	4,432	14,044	185.86	4,746	16,430
185.35	4,438	14,088	185.87	4,752	16,478
185.36	4,444	14,132	185.88	4,759	16,525
185.37	4,450	14,177	185.89	4,765	16,573
185.38	4,457	14,221	185.90	4,771	16,620
185.39	4,463	14,266	185.91	4,777	16,668
185.40	4,469	14,311	185.92	4,783	16,716
185.41	4,475	14,355	185.93	4,789	16,764
185.42	4,481	14,400	185.94	4,795	16,812
185.43	4,487	14,445	185.95	4,801	16,860
185.44	4,493	14,490	185.96	4,807	16,908
185.45	4,499	14,535	185.97	4,813	16,956
185.46	4,505	14,580	185.98	4,819	17,004
185.47	4,511	14,625	185.99	4,825	17,052
185.48	4,517	14,670	186.00	4,831	17,101
185.49	4,523	14,715	186.01	4,837	17,149
185.50	4,529	14,761	186.02	4,844	17,197
185.51	4,535	14,806	186.03	4,850	17,246
185.52	4,541	14,851	186.04	4,856	17,294
185.53	4,547	14,897	186.05	4,863	17,343
185.54	4,553	14,942	186.06	4,869	17,392
185.55	4,559	14,988	186.07	4,876	17,440
185.56	4,565	15,033	186.08	4,882	17,489
185.57	4,571	15,079	186.09	4,888	17,538
185.58	4,577	15,125	186.10	4,895	17,587
185.59	4,583	15,171	186.11	4,901	17,636
185.60	4,589	15,216	186.12	4,907	17,685
185.61	4,595	15,262	186.13	4,914	17,734
185.62	4,601	15,308	186.14	4,920	17,783
185.63	4,608	15,354	186.15	4,927	17,832
185.64	4,614	15,400	186.16	4,933	17,882
185.65	4,620	15,447	186.17	4,939	17,931
185.66	4,626	15,493	186.18	4,946	17,980
185.67	4,632	15,539	186.19	4,952	18,030

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.20	4,958	18,079	186.72	5,290	20,744
186.21	4,965	18,129	186.73	5,296	20,797
186.22	4,971	18,179	186.74	5,302	20,850
186.23	4,978	18,228	186.75	5,309	20,903
186.24	4,984	18,278	186.76	5,315	20,956
186.25	4,990	18,328	186.77	5,321	21,009
186.26	4,997	18,378	186.78	5,328	21,062
186.27	5,003	18,428	186.79	5,334	21,116
186.28	5,009	18,478	186.80	5,341	21,169
186.29	5,016	18,528	186.81	5,347	21,223
186.30	5,022	18,578	186.82	5,353	21,276
186.31	5,028	18,629	186.83	5,360	21,330
186.32	5,035	18,679	186.84	5,366	21,383
186.33	5,041	18,729	186.85	5,372	21,437
186.34	5,048	18,780	186.86	5,379	21,491
186.35	5,054	18,830	186.87	5,385	21,545
186.36	5,060	18,881	186.88	5,392	21,598
186.37	5,067	18,932	186.89	5,398	21,652
186.38	5,073	18,982	186.90	5,404	21,706
186.39	5,079	19,033	186.91	5,411	21,760
186.40	5,086	19,084	186.92	5,417	21,815
186.41	5,092	19,135	186.93	5,423	21,869
186.42	5,099	19,186	186.94	5,430	21,923
186.43	5,105	19,237	186.95	5,436	21,977
186.44	5,111	19,288	186.96	5,443	22,032
186.45	5,118	19,339	186.97	5,449	22,086
186.46	5,124	19,390	186.98	5,455	22,141
186.47	5,130	19,441	186.99	5,462	22,195
186.48	5,137	19,493	187.00	5,468	22,250
186.49	5,143	19,544			
186.50	5,150	19,596			
186.51	5,156	19,647			
186.52	5,162	19,699			
186.53	5,169	19,750			
186.54	5,175	19,802			
186.55	5,181	19,854			
186.56	5,188	19,906			
186.57	5,194	19,958			
186.58	5,200	20,010			
186.59	5,207	20,062			
186.60	5,213	20,114			
186.61	5,220	20,166			
186.62	5,226	20,218			
186.63	5,232	20,270			
186.64	5,239	20,323			
186.65	5,245	20,375			
186.66	5,251	20,428			
186.67	5,258	20,480			
186.68	5,264	20,533			
186.69	5,271	20,586			
186.70	5,277	20,638			
186.71	5,283	20,691			

Summary for Pond B-43: Basin #43

Inflow Area = 2.712 ac, 33.89% Impervious, Inflow Depth = 3.89" for Future 10 yr event
 Inflow = 9.90 cfs @ 12.09 hrs, Volume= 0.879 af
 Outflow = 4.97 cfs @ 12.34 hrs, Volume= 0.740 af, Atten= 50%, Lag= 14.8 min
 Primary = 4.97 cfs @ 12.34 hrs, Volume= 0.740 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 179.42' @ 12.34 hrs Surf.Area= 7,055 sf Storage= 17,057 cf

Plug-Flow detention time= 387.0 min calculated for 0.740 af (84% of inflow)
 Center-of-Mass det. time= 316.7 min (1,108.9 - 792.2)

Volume	Invert	Avail.Storage	Storage Description
#1	177.00'	28,220 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

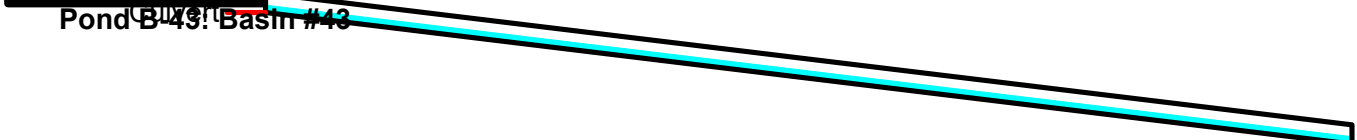
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
177.00	7,055	0	0
178.00	7,055	7,055	7,055
179.00	7,055	7,055	14,110
180.00	7,055	7,055	21,165
181.00	7,055	7,055	28,220

Device	Routing	Invert	Outlet Devices
#1	Primary	176.30'	18.0" Round Culvert L= 200.0' Ke= 0.500 Inlet / Outlet Invert= 176.30' / 166.10' S= 0.0510 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	177.56'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.90'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=4.94 cfs @ 12.34 hrs HW=179.42' (Free Discharge)

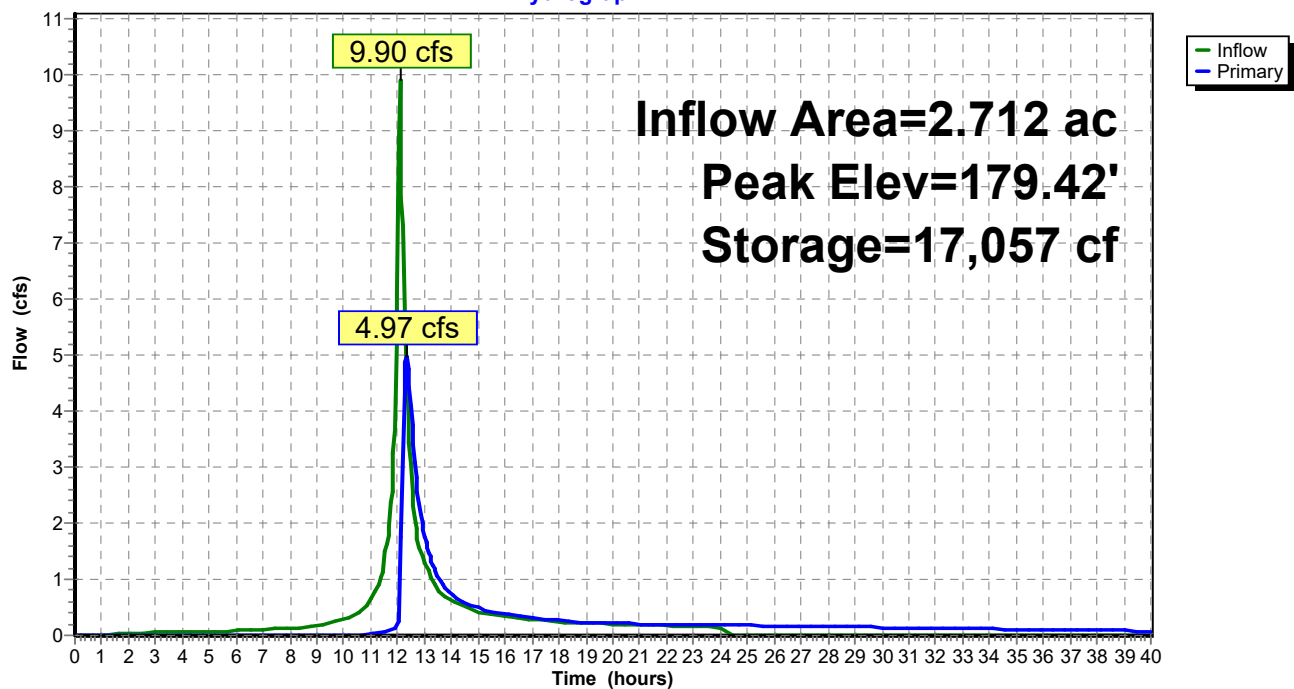
1=Culvert (Passes 4.94 cfs of 13.09 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.22 cfs @ 6.37 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 4.72 cfs @ 2.35 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
 Orifice/Grate
 Pond B-43: Basin #43



Pond B-43: Basin #43

Hydrograph



Hydrograph for Pond B-43: Basin #43

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	177.00	0.00
0.10	0.00	0	177.00	0.00
0.20	0.00	0	177.00	0.00
0.30	0.00	0	177.00	0.00
0.40	0.00	0	177.00	0.00
0.50	0.00	0	177.00	0.00
0.60	0.00	0	177.00	0.00
0.70	0.00	0	177.00	0.00
0.80	0.00	1	177.00	0.00
0.90	0.01	3	177.00	0.00
1.00	0.01	7	177.00	0.00
1.10	0.01	11	177.00	0.00
1.20	0.02	16	177.00	0.00
1.30	0.02	23	177.00	0.00
1.40	0.02	30	177.00	0.00
1.50	0.02	38	177.01	0.00
1.60	0.03	47	177.01	0.00
1.70	0.03	56	177.01	0.00
1.80	0.03	67	177.01	0.00
1.90	0.03	78	177.01	0.00
2.00	0.03	89	177.01	0.00
2.10	0.04	102	177.01	0.00
2.20	0.04	115	177.02	0.00
2.30	0.04	129	177.02	0.00
2.40	0.04	143	177.02	0.00
2.50	0.04	158	177.02	0.00
2.60	0.04	173	177.02	0.00
2.70	0.04	189	177.03	0.00
2.80	0.05	205	177.03	0.00
2.90	0.05	222	177.03	0.00
3.00	0.05	239	177.03	0.00
3.10	0.05	257	177.04	0.00
3.20	0.05	275	177.04	0.00
3.30	0.05	294	177.04	0.00
3.40	0.05	313	177.04	0.00
3.50	0.06	333	177.05	0.00
3.60	0.06	352	177.05	0.00
3.70	0.06	373	177.05	0.00
3.80	0.06	393	177.06	0.00
3.90	0.06	415	177.06	0.00
4.00	0.06	436	177.06	0.00
4.10	0.06	458	177.06	0.00
4.20	0.06	480	177.07	0.00
4.30	0.06	503	177.07	0.00
4.40	0.06	525	177.07	0.00
4.50	0.06	549	177.08	0.00
4.60	0.07	572	177.08	0.00
4.70	0.07	596	177.08	0.00
4.80	0.07	620	177.09	0.00
4.90	0.07	645	177.09	0.00
5.00	0.07	670	177.09	0.00
5.10	0.07	695	177.10	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	720	177.10	0.00
5.30	0.07	746	177.11	0.00
5.40	0.07	772	177.11	0.00
5.50	0.07	798	177.11	0.00
5.60	0.07	825	177.12	0.00
5.70	0.08	852	177.12	0.00
5.80	0.08	879	177.12	0.00
5.90	0.08	906	177.13	0.00
6.00	0.08	934	177.13	0.00
6.10	0.08	962	177.14	0.00
6.20	0.08	992	177.14	0.00
6.30	0.08	1,022	177.14	0.00
6.40	0.09	1,052	177.15	0.00
6.50	0.09	1,084	177.15	0.00
6.60	0.09	1,116	177.16	0.00
6.70	0.09	1,150	177.16	0.00
6.80	0.09	1,184	177.17	0.00
6.90	0.10	1,218	177.17	0.00
7.00	0.10	1,254	177.18	0.00
7.10	0.10	1,290	177.18	0.00
7.20	0.10	1,328	177.19	0.00
7.30	0.11	1,366	177.19	0.00
7.40	0.11	1,404	177.20	0.00
7.50	0.11	1,444	177.20	0.00
7.60	0.11	1,485	177.21	0.00
7.70	0.12	1,526	177.22	0.00
7.80	0.12	1,568	177.22	0.00
7.90	0.12	1,611	177.23	0.00
8.00	0.12	1,655	177.23	0.00
8.10	0.12	1,699	177.24	0.00
8.20	0.13	1,745	177.25	0.00
8.30	0.13	1,791	177.25	0.00
8.40	0.13	1,839	177.26	0.00
8.50	0.14	1,888	177.27	0.00
8.60	0.14	1,940	177.27	0.00
8.70	0.15	1,992	177.28	0.00
8.80	0.15	2,047	177.29	0.00
8.90	0.16	2,103	177.30	0.00
9.00	0.16	2,161	177.31	0.00
9.10	0.17	2,222	177.31	0.00
9.20	0.19	2,287	177.32	0.00
9.30	0.20	2,357	177.33	0.00
9.40	0.21	2,431	177.34	0.00
9.50	0.22	2,509	177.36	0.00
9.60	0.24	2,592	177.37	0.00
9.70	0.25	2,680	177.38	0.00
9.80	0.26	2,773	177.39	0.00
9.90	0.28	2,871	177.41	0.00
10.00	0.29	2,974	177.42	0.00
10.10	0.31	3,082	177.44	0.00
10.20	0.32	3,197	177.45	0.00
10.30	0.34	3,317	177.47	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.36	3,443	177.49	0.00
10.50	0.38	3,575	177.51	0.00
10.60	0.42	3,719	177.53	0.00
10.70	0.46	3,879	177.55	0.00
10.80	0.52	4,057	177.58	0.00
10.90	0.57	4,253	177.60	0.00
11.00	0.63	4,468	177.63	0.01
11.10	0.72	4,709	177.67	0.02
11.20	0.82	4,979	177.71	0.03
11.30	0.93	5,281	177.75	0.05
11.40	1.04	5,619	177.80	0.06
11.50	1.17	5,993	177.85	0.07
11.60	1.63	6,490	177.92	0.08
11.70	1.92	7,097	178.01	0.10
11.80	2.58	7,891	178.12	0.11
11.90	3.65	8,990	178.27	0.13
12.00	6.07	10,754	178.52	0.15
12.10	9.86	13,701	178.94	0.31
12.20	7.82	16,068	179.28	3.19
12.30	5.74	17,011	179.41	4.88
12.40	3.92	16,944	179.40	4.75
12.50	3.08	16,595	179.35	4.10
12.60	2.32	16,191	179.30	3.40
12.70	1.90	15,833	179.24	2.80
12.80	1.63	15,537	179.20	2.34
12.90	1.46	15,307	179.17	2.01
13.00	1.31	15,126	179.14	1.76
13.10	1.17	14,974	179.12	1.56
13.20	1.07	14,844	179.10	1.39
13.30	0.98	14,733	179.09	1.26
13.40	0.90	14,637	179.07	1.14
13.50	0.82	14,550	179.06	1.05
13.60	0.75	14,469	179.05	0.96
13.70	0.70	14,398	179.04	0.88
13.80	0.66	14,336	179.03	0.82
13.90	0.64	14,285	179.02	0.77
14.00	0.62	14,243	179.02	0.73
14.10	0.60	14,206	179.01	0.69
14.20	0.58	14,174	179.01	0.66
14.30	0.56	14,146	179.01	0.64
14.40	0.54	14,120	179.00	0.61
14.50	0.52	14,095	179.00	0.59
14.60	0.50	14,070	178.99	0.57
14.70	0.48	14,045	178.99	0.55
14.80	0.46	14,020	178.99	0.53
14.90	0.44	13,995	178.98	0.51
15.00	0.42	13,970	178.98	0.49
15.10	0.40	13,944	178.98	0.47
15.20	0.39	13,920	178.97	0.45
15.30	0.38	13,899	178.97	0.43
15.40	0.37	13,881	178.97	0.42
15.50	0.37	13,865	178.97	0.41

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.36	13,852	178.96	0.40
15.70	0.36	13,840	178.96	0.39
15.80	0.35	13,829	178.96	0.38
15.90	0.35	13,820	178.96	0.37
16.00	0.34	13,810	178.96	0.37
16.10	0.34	13,800	178.96	0.36
16.20	0.33	13,791	178.95	0.36
16.30	0.33	13,781	178.95	0.35
16.40	0.32	13,771	178.95	0.35
16.50	0.31	13,762	178.95	0.34
16.60	0.31	13,752	178.95	0.34
16.70	0.30	13,743	178.95	0.33
16.80	0.30	13,733	178.95	0.33
16.90	0.29	13,723	178.95	0.32
17.00	0.29	13,714	178.94	0.31
17.10	0.28	13,704	178.94	0.31
17.20	0.28	13,695	178.94	0.30
17.30	0.27	13,685	178.94	0.30
17.40	0.27	13,675	178.94	0.29
17.50	0.26	13,666	178.94	0.29
17.60	0.26	13,656	178.94	0.28
17.70	0.25	13,646	178.93	0.28
17.80	0.25	13,637	178.93	0.27
17.90	0.24	13,627	178.93	0.27
18.00	0.23	13,617	178.93	0.26
18.10	0.23	13,608	178.93	0.26
18.20	0.23	13,598	178.93	0.25
18.30	0.22	13,590	178.93	0.25
18.40	0.22	13,582	178.93	0.24
18.50	0.22	13,575	178.92	0.24
18.60	0.22	13,569	178.92	0.23
18.70	0.22	13,564	178.92	0.23
18.80	0.22	13,559	178.92	0.23
18.90	0.21	13,555	178.92	0.23
19.00	0.21	13,551	178.92	0.22
19.10	0.21	13,547	178.92	0.22
19.20	0.21	13,544	178.92	0.22
19.30	0.21	13,540	178.92	0.22
19.40	0.21	13,537	178.92	0.22
19.50	0.21	13,533	178.92	0.22
19.60	0.21	13,529	178.92	0.22
19.70	0.20	13,525	178.92	0.22
19.80	0.20	13,521	178.92	0.21
19.90	0.20	13,517	178.92	0.21
20.00	0.20	13,513	178.92	0.21
20.10	0.20	13,508	178.91	0.21
20.20	0.20	13,504	178.91	0.21
20.30	0.20	13,500	178.91	0.21
20.40	0.19	13,495	178.91	0.21
20.50	0.19	13,491	178.91	0.21
20.60	0.19	13,486	178.91	0.20
20.70	0.19	13,482	178.91	0.20

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.19	13,477	178.91	0.20
20.90	0.19	13,472	178.91	0.20
21.00	0.19	13,468	178.91	0.20
21.10	0.19	13,463	178.91	0.20
21.20	0.18	13,458	178.91	0.20
21.30	0.18	13,453	178.91	0.20
21.40	0.18	13,449	178.91	0.19
21.50	0.18	13,444	178.91	0.19
21.60	0.18	13,439	178.90	0.19
21.70	0.18	13,434	178.90	0.19
21.80	0.18	13,429	178.90	0.19
21.90	0.17	13,425	178.90	0.19
22.00	0.17	13,420	178.90	0.19
22.10	0.17	13,415	178.90	0.19
22.20	0.17	13,410	178.90	0.18
22.30	0.17	13,405	178.90	0.18
22.40	0.17	13,400	178.90	0.18
22.50	0.17	13,394	178.90	0.18
22.60	0.17	13,388	178.90	0.18
22.70	0.16	13,382	178.90	0.18
22.80	0.16	13,375	178.90	0.18
22.90	0.16	13,368	178.89	0.18
23.00	0.16	13,360	178.89	0.18
23.10	0.16	13,351	178.89	0.18
23.20	0.16	13,343	178.89	0.18
23.30	0.16	13,333	178.89	0.18
23.40	0.15	13,323	178.89	0.18
23.50	0.15	13,313	178.89	0.18
23.60	0.15	13,303	178.89	0.18
23.70	0.15	13,292	178.88	0.18
23.80	0.15	13,280	178.88	0.18
23.90	0.15	13,268	178.88	0.18
24.00	0.16	13,259	178.88	0.18
24.10	0.09	13,235	178.88	0.18
24.20	0.04	13,193	178.87	0.18
24.30	0.01	13,136	178.86	0.18
24.40	0.00	13,074	178.85	0.18
24.50	0.00	13,010	178.84	0.18
24.60	0.00	12,946	178.84	0.18
24.70	0.00	12,883	178.83	0.18
24.80	0.00	12,819	178.82	0.18
24.90	0.00	12,756	178.81	0.18
25.00	0.00	12,693	178.80	0.17
25.10	0.00	12,630	178.79	0.17
25.20	0.00	12,567	178.78	0.17
25.30	0.00	12,505	178.77	0.17
25.40	0.00	12,443	178.76	0.17
25.50	0.00	12,381	178.75	0.17
25.60	0.00	12,319	178.75	0.17
25.70	0.00	12,258	178.74	0.17
25.80	0.00	12,197	178.73	0.17
25.90	0.00	12,136	178.72	0.17

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,076	178.71	0.17
26.10	0.00	12,015	178.70	0.17
26.20	0.00	11,955	178.69	0.17
26.30	0.00	11,895	178.69	0.17
26.40	0.00	11,836	178.68	0.17
26.50	0.00	11,776	178.67	0.16
26.60	0.00	11,717	178.66	0.16
26.70	0.00	11,658	178.65	0.16
26.80	0.00	11,600	178.64	0.16
26.90	0.00	11,541	178.64	0.16
27.00	0.00	11,483	178.63	0.16
27.10	0.00	11,425	178.62	0.16
27.20	0.00	11,368	178.61	0.16
27.30	0.00	11,310	178.60	0.16
27.40	0.00	11,253	178.60	0.16
27.50	0.00	11,196	178.59	0.16
27.60	0.00	11,140	178.58	0.16
27.70	0.00	11,083	178.57	0.16
27.80	0.00	11,027	178.56	0.16
27.90	0.00	10,971	178.56	0.15
28.00	0.00	10,916	178.55	0.15
28.10	0.00	10,860	178.54	0.15
28.20	0.00	10,805	178.53	0.15
28.30	0.00	10,750	178.52	0.15
28.40	0.00	10,695	178.52	0.15
28.50	0.00	10,641	178.51	0.15
28.60	0.00	10,587	178.50	0.15
28.70	0.00	10,533	178.49	0.15
28.80	0.00	10,479	178.49	0.15
28.90	0.00	10,426	178.48	0.15
29.00	0.00	10,373	178.47	0.15
29.10	0.00	10,320	178.46	0.15
29.20	0.00	10,267	178.46	0.15
29.30	0.00	10,215	178.45	0.15
29.40	0.00	10,162	178.44	0.14
29.50	0.00	10,111	178.43	0.14
29.60	0.00	10,059	178.43	0.14
29.70	0.00	10,007	178.42	0.14
29.80	0.00	9,956	178.41	0.14
29.90	0.00	9,905	178.40	0.14
30.00	0.00	9,855	178.40	0.14
30.10	0.00	9,804	178.39	0.14
30.20	0.00	9,754	178.38	0.14
30.30	0.00	9,704	178.38	0.14
30.40	0.00	9,654	178.37	0.14
30.50	0.00	9,605	178.36	0.14
30.60	0.00	9,556	178.35	0.14
30.70	0.00	9,507	178.35	0.14
30.80	0.00	9,458	178.34	0.13
30.90	0.00	9,409	178.33	0.13
31.00	0.00	9,361	178.33	0.13
31.10	0.00	9,313	178.32	0.13

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,266	178.31	0.13
31.30	0.00	9,218	178.31	0.13
31.40	0.00	9,171	178.30	0.13
31.50	0.00	9,124	178.29	0.13
31.60	0.00	9,077	178.29	0.13
31.70	0.00	9,031	178.28	0.13
31.80	0.00	8,984	178.27	0.13
31.90	0.00	8,938	178.27	0.13
32.00	0.00	8,893	178.26	0.13
32.10	0.00	8,847	178.25	0.13
32.20	0.00	8,802	178.25	0.13
32.30	0.00	8,757	178.24	0.12
32.40	0.00	8,712	178.23	0.12
32.50	0.00	8,668	178.23	0.12
32.60	0.00	8,623	178.22	0.12
32.70	0.00	8,579	178.22	0.12
32.80	0.00	8,536	178.21	0.12
32.90	0.00	8,492	178.20	0.12
33.00	0.00	8,449	178.20	0.12
33.10	0.00	8,406	178.19	0.12
33.20	0.00	8,363	178.19	0.12
33.30	0.00	8,320	178.18	0.12
33.40	0.00	8,278	178.17	0.12
33.50	0.00	8,236	178.17	0.12
33.60	0.00	8,194	178.16	0.12
33.70	0.00	8,153	178.16	0.12
33.80	0.00	8,111	178.15	0.11
33.90	0.00	8,070	178.14	0.11
34.00	0.00	8,030	178.14	0.11
34.10	0.00	7,989	178.13	0.11
34.20	0.00	7,949	178.13	0.11
34.30	0.00	7,909	178.12	0.11
34.40	0.00	7,869	178.12	0.11
34.50	0.00	7,829	178.11	0.11
34.60	0.00	7,790	178.10	0.11
34.70	0.00	7,751	178.10	0.11
34.80	0.00	7,712	178.09	0.11
34.90	0.00	7,674	178.09	0.11
35.00	0.00	7,635	178.08	0.11
35.10	0.00	7,597	178.08	0.11
35.20	0.00	7,559	178.07	0.10
35.30	0.00	7,522	178.07	0.10
35.40	0.00	7,484	178.06	0.10
35.50	0.00	7,447	178.06	0.10
35.60	0.00	7,411	178.05	0.10
35.70	0.00	7,374	178.05	0.10
35.80	0.00	7,338	178.04	0.10
35.90	0.00	7,301	178.03	0.10
36.00	0.00	7,266	178.03	0.10
36.10	0.00	7,230	178.02	0.10
36.20	0.00	7,195	178.02	0.10
36.30	0.00	7,160	178.01	0.10

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,125	178.01	0.10
36.50	0.00	7,090	178.00	0.10
36.60	0.00	7,056	178.00	0.10
36.70	0.00	7,022	178.00	0.09
36.80	0.00	6,988	177.99	0.09
36.90	0.00	6,954	177.99	0.09
37.00	0.00	6,921	177.98	0.09
37.10	0.00	6,888	177.98	0.09
37.20	0.00	6,855	177.97	0.09
37.30	0.00	6,822	177.97	0.09
37.40	0.00	6,790	177.96	0.09
37.50	0.00	6,758	177.96	0.09
37.60	0.00	6,726	177.95	0.09
37.70	0.00	6,694	177.95	0.09
37.80	0.00	6,663	177.94	0.09
37.90	0.00	6,632	177.94	0.09
38.00	0.00	6,601	177.94	0.09
38.10	0.00	6,570	177.93	0.08
38.20	0.00	6,540	177.93	0.08
38.30	0.00	6,510	177.92	0.08
38.40	0.00	6,480	177.92	0.08
38.50	0.00	6,450	177.91	0.08
38.60	0.00	6,421	177.91	0.08
38.70	0.00	6,391	177.91	0.08
38.80	0.00	6,362	177.90	0.08
38.90	0.00	6,334	177.90	0.08
39.00	0.00	6,305	177.89	0.08
39.10	0.00	6,277	177.89	0.08
39.20	0.00	6,249	177.89	0.08
39.30	0.00	6,222	177.88	0.08
39.40	0.00	6,194	177.88	0.08
39.50	0.00	6,167	177.87	0.08
39.60	0.00	6,140	177.87	0.07
39.70	0.00	6,113	177.87	0.07
39.80	0.00	6,087	177.86	0.07
39.90	0.00	6,061	177.86	0.07
40.00	0.00	6,035	177.86	0.07

Stage-Discharge for Pond B-43: Basin #43

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
177.00	0.00	177.52	0.00	178.04	0.10	178.56	0.16
177.01	0.00	177.53	0.00	178.05	0.10	178.57	0.16
177.02	0.00	177.54	0.00	178.06	0.10	178.58	0.16
177.03	0.00	177.55	0.00	178.07	0.10	178.59	0.16
177.04	0.00	177.56	0.00	178.08	0.11	178.60	0.16
177.05	0.00	177.57	0.00	178.09	0.11	178.61	0.16
177.06	0.00	177.58	0.00	178.10	0.11	178.62	0.16
177.07	0.00	177.59	0.00	178.11	0.11	178.63	0.16
177.08	0.00	177.60	0.00	178.12	0.11	178.64	0.16
177.09	0.00	177.61	0.00	178.13	0.11	178.65	0.16
177.10	0.00	177.62	0.01	178.14	0.11	178.66	0.16
177.11	0.00	177.63	0.01	178.15	0.11	178.67	0.16
177.12	0.00	177.64	0.01	178.16	0.12	178.68	0.17
177.13	0.00	177.65	0.01	178.17	0.12	178.69	0.17
177.14	0.00	177.66	0.02	178.18	0.12	178.70	0.17
177.15	0.00	177.67	0.02	178.19	0.12	178.71	0.17
177.16	0.00	177.68	0.02	178.20	0.12	178.72	0.17
177.17	0.00	177.69	0.03	178.21	0.12	178.73	0.17
177.18	0.00	177.70	0.03	178.22	0.12	178.74	0.17
177.19	0.00	177.71	0.03	178.23	0.12	178.75	0.17
177.20	0.00	177.72	0.04	178.24	0.12	178.76	0.17
177.21	0.00	177.73	0.04	178.25	0.13	178.77	0.17
177.22	0.00	177.74	0.05	178.26	0.13	178.78	0.17
177.23	0.00	177.75	0.05	178.27	0.13	178.79	0.17
177.24	0.00	177.76	0.05	178.28	0.13	178.80	0.17
177.25	0.00	177.77	0.05	178.29	0.13	178.81	0.18
177.26	0.00	177.78	0.06	178.30	0.13	178.82	0.18
177.27	0.00	177.79	0.06	178.31	0.13	178.83	0.18
177.28	0.00	177.80	0.06	178.32	0.13	178.84	0.18
177.29	0.00	177.81	0.06	178.33	0.13	178.85	0.18
177.30	0.00	177.82	0.06	178.34	0.13	178.86	0.18
177.31	0.00	177.83	0.07	178.35	0.14	178.87	0.18
177.32	0.00	177.84	0.07	178.36	0.14	178.88	0.18
177.33	0.00	177.85	0.07	178.37	0.14	178.89	0.18
177.34	0.00	177.86	0.07	178.38	0.14	178.90	0.18
177.35	0.00	177.87	0.07	178.39	0.14	178.91	0.20
177.36	0.00	177.88	0.08	178.40	0.14	178.92	0.22
177.37	0.00	177.89	0.08	178.41	0.14	178.93	0.25
177.38	0.00	177.90	0.08	178.42	0.14	178.94	0.29
177.39	0.00	177.91	0.08	178.43	0.14	178.95	0.33
177.40	0.00	177.92	0.08	178.44	0.14	178.96	0.38
177.41	0.00	177.93	0.08	178.45	0.15	178.97	0.43
177.42	0.00	177.94	0.09	178.46	0.15	178.98	0.48
177.43	0.00	177.95	0.09	178.47	0.15	178.99	0.54
177.44	0.00	177.96	0.09	178.48	0.15	179.00	0.60
177.45	0.00	177.97	0.09	178.49	0.15	179.01	0.66
177.46	0.00	177.98	0.09	178.50	0.15	179.02	0.73
177.47	0.00	177.99	0.09	178.51	0.15	179.03	0.80
177.48	0.00	178.00	0.10	178.52	0.15	179.04	0.87
177.49	0.00	178.01	0.10	178.53	0.15	179.05	0.95
177.50	0.00	178.02	0.10	178.54	0.15	179.06	1.02
177.51	0.00	178.03	0.10	178.55	0.15	179.07	1.10

Stage-Discharge for Pond B-43: Basin #43 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.08	1.19	179.60	7.62	180.12	14.91	180.64	22.29
179.09	1.27	179.61	7.78	180.13	14.93	180.65	22.99
179.10	1.35	179.62	7.93	180.14	14.96	180.66	23.71
179.11	1.44	179.63	8.09	180.15	14.98	180.67	24.46
179.12	1.53	179.64	8.25	180.16	15.01	180.68	25.22
179.13	1.62	179.65	8.41	180.17	15.03	180.69	26.01
179.14	1.72	179.66	8.57	180.18	15.05	180.70	26.82
179.15	1.81	179.67	8.73	180.19	15.08	180.71	27.69
179.16	1.91	179.68	8.89	180.20	15.10	180.72	28.58
179.17	2.01	179.69	9.06	180.21	15.13	180.73	29.50
179.18	2.11	179.70	9.22	180.22	15.15	180.74	30.45
179.19	2.22	179.71	9.38	180.23	15.17	180.75	31.42
179.20	2.32	179.72	9.55	180.24	15.20	180.76	32.42
179.21	2.43	179.73	9.72	180.25	15.22	180.77	33.44
179.22	2.53	179.74	9.88	180.26	15.24	180.78	34.48
179.23	2.64	179.75	10.05	180.27	15.27	180.79	35.55
179.24	2.76	179.76	10.22	180.28	15.29	180.80	36.65
179.25	2.87	179.77	10.39	180.29	15.32	180.81	37.76
179.26	2.98	179.78	10.56	180.30	15.34	180.82	38.91
179.27	3.10	179.79	10.73	180.31	15.36	180.83	40.08
179.28	3.21	179.80	10.91	180.32	15.39	180.84	41.27
179.29	3.33	179.81	11.08	180.33	15.41	180.85	42.48
179.30	3.45	179.82	11.25	180.34	15.43	180.86	43.72
179.31	3.57	179.83	11.43	180.35	15.46	180.87	44.99
179.32	3.70	179.84	11.60	180.36	15.48	180.88	46.28
179.33	3.82	179.85	11.78	180.37	15.50	180.89	47.59
179.34	3.95	179.86	11.96	180.38	15.53	180.90	48.93
179.35	4.07	179.87	12.13	180.39	15.55	180.91	50.31
179.36	4.20	179.88	12.31	180.40	15.57	180.92	51.73
179.37	4.33	179.89	12.49	180.41	15.60	180.93	53.17
179.38	4.46	179.90	12.67	180.42	15.62	180.94	54.63
179.39	4.59	179.91	12.85	180.43	15.64	180.95	56.12
179.40	4.73	179.92	13.03	180.44	15.67	180.96	57.64
179.41	4.86	179.93	13.22	180.45	15.69	180.97	59.19
179.42	4.99	179.94	13.40	180.46	15.71	180.98	60.76
179.43	5.13	179.95	13.58	180.47	15.74	180.99	62.35
179.44	5.27	179.96	13.77	180.48	15.76	181.00	63.98
179.45	5.41	179.97	13.95	180.49	15.78		
179.46	5.55	179.98	14.14	180.50	15.80		
179.47	5.69	179.99	14.32	180.51	15.94		
179.48	5.83	180.00	14.51	180.52	16.18		
179.49	5.97	180.01	14.64	180.53	16.48		
179.50	6.12	180.02	14.66	180.54	16.83		
179.51	6.26	180.03	14.69	180.55	17.23		
179.52	6.41	180.04	14.71	180.56	17.67		
179.53	6.56	180.05	14.74	180.57	18.14		
179.54	6.71	180.06	14.76	180.58	18.64		
179.55	6.86	180.07	14.79	180.59	19.18		
179.56	7.01	180.08	14.81	180.60	19.75		
179.57	7.16	180.09	14.84	180.61	20.35		
179.58	7.31	180.10	14.86	180.62	20.97		
179.59	7.47	180.11	14.88	180.63	21.62		

Stage-Area-Storage for Pond B-43: Basin #43

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.00	7,055	0	177.52	7,055	3,669
177.01	7,055	71	177.53	7,055	3,739
177.02	7,055	141	177.54	7,055	3,810
177.03	7,055	212	177.55	7,055	3,880
177.04	7,055	282	177.56	7,055	3,951
177.05	7,055	353	177.57	7,055	4,021
177.06	7,055	423	177.58	7,055	4,092
177.07	7,055	494	177.59	7,055	4,162
177.08	7,055	564	177.60	7,055	4,233
177.09	7,055	635	177.61	7,055	4,304
177.10	7,055	705	177.62	7,055	4,374
177.11	7,055	776	177.63	7,055	4,445
177.12	7,055	847	177.64	7,055	4,515
177.13	7,055	917	177.65	7,055	4,586
177.14	7,055	988	177.66	7,055	4,656
177.15	7,055	1,058	177.67	7,055	4,727
177.16	7,055	1,129	177.68	7,055	4,797
177.17	7,055	1,199	177.69	7,055	4,868
177.18	7,055	1,270	177.70	7,055	4,938
177.19	7,055	1,340	177.71	7,055	5,009
177.20	7,055	1,411	177.72	7,055	5,080
177.21	7,055	1,482	177.73	7,055	5,150
177.22	7,055	1,552	177.74	7,055	5,221
177.23	7,055	1,623	177.75	7,055	5,291
177.24	7,055	1,693	177.76	7,055	5,362
177.25	7,055	1,764	177.77	7,055	5,432
177.26	7,055	1,834	177.78	7,055	5,503
177.27	7,055	1,905	177.79	7,055	5,573
177.28	7,055	1,975	177.80	7,055	5,644
177.29	7,055	2,046	177.81	7,055	5,715
177.30	7,055	2,117	177.82	7,055	5,785
177.31	7,055	2,187	177.83	7,055	5,856
177.32	7,055	2,258	177.84	7,055	5,926
177.33	7,055	2,328	177.85	7,055	5,997
177.34	7,055	2,399	177.86	7,055	6,067
177.35	7,055	2,469	177.87	7,055	6,138
177.36	7,055	2,540	177.88	7,055	6,208
177.37	7,055	2,610	177.89	7,055	6,279
177.38	7,055	2,681	177.90	7,055	6,350
177.39	7,055	2,751	177.91	7,055	6,420
177.40	7,055	2,822	177.92	7,055	6,491
177.41	7,055	2,893	177.93	7,055	6,561
177.42	7,055	2,963	177.94	7,055	6,632
177.43	7,055	3,034	177.95	7,055	6,702
177.44	7,055	3,104	177.96	7,055	6,773
177.45	7,055	3,175	177.97	7,055	6,843
177.46	7,055	3,245	177.98	7,055	6,914
177.47	7,055	3,316	177.99	7,055	6,984
177.48	7,055	3,386	178.00	7,055	7,055
177.49	7,055	3,457	178.01	7,055	7,126
177.50	7,055	3,528	178.02	7,055	7,196
177.51	7,055	3,598	178.03	7,055	7,267

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.04	7,055	7,337	178.56	7,055	11,006
178.05	7,055	7,408	178.57	7,055	11,076
178.06	7,055	7,478	178.58	7,055	11,147
178.07	7,055	7,549	178.59	7,055	11,217
178.08	7,055	7,619	178.60	7,055	11,288
178.09	7,055	7,690	178.61	7,055	11,359
178.10	7,055	7,760	178.62	7,055	11,429
178.11	7,055	7,831	178.63	7,055	11,500
178.12	7,055	7,902	178.64	7,055	11,570
178.13	7,055	7,972	178.65	7,055	11,641
178.14	7,055	8,043	178.66	7,055	11,711
178.15	7,055	8,113	178.67	7,055	11,782
178.16	7,055	8,184	178.68	7,055	11,852
178.17	7,055	8,254	178.69	7,055	11,923
178.18	7,055	8,325	178.70	7,055	11,993
178.19	7,055	8,395	178.71	7,055	12,064
178.20	7,055	8,466	178.72	7,055	12,135
178.21	7,055	8,537	178.73	7,055	12,205
178.22	7,055	8,607	178.74	7,055	12,276
178.23	7,055	8,678	178.75	7,055	12,346
178.24	7,055	8,748	178.76	7,055	12,417
178.25	7,055	8,819	178.77	7,055	12,487
178.26	7,055	8,889	178.78	7,055	12,558
178.27	7,055	8,960	178.79	7,055	12,628
178.28	7,055	9,030	178.80	7,055	12,699
178.29	7,055	9,101	178.81	7,055	12,770
178.30	7,055	9,172	178.82	7,055	12,840
178.31	7,055	9,242	178.83	7,055	12,911
178.32	7,055	9,313	178.84	7,055	12,981
178.33	7,055	9,383	178.85	7,055	13,052
178.34	7,055	9,454	178.86	7,055	13,122
178.35	7,055	9,524	178.87	7,055	13,193
178.36	7,055	9,595	178.88	7,055	13,263
178.37	7,055	9,665	178.89	7,055	13,334
178.38	7,055	9,736	178.90	7,055	13,405
178.39	7,055	9,806	178.91	7,055	13,475
178.40	7,055	9,877	178.92	7,055	13,546
178.41	7,055	9,948	178.93	7,055	13,616
178.42	7,055	10,018	178.94	7,055	13,687
178.43	7,055	10,089	178.95	7,055	13,757
178.44	7,055	10,159	178.96	7,055	13,828
178.45	7,055	10,230	178.97	7,055	13,898
178.46	7,055	10,300	178.98	7,055	13,969
178.47	7,055	10,371	178.99	7,055	14,039
178.48	7,055	10,441	179.00	7,055	14,110
178.49	7,055	10,512	179.01	7,055	14,181
178.50	7,055	10,583	179.02	7,055	14,251
178.51	7,055	10,653	179.03	7,055	14,322
178.52	7,055	10,724	179.04	7,055	14,392
178.53	7,055	10,794	179.05	7,055	14,463
178.54	7,055	10,865	179.06	7,055	14,533
178.55	7,055	10,935	179.07	7,055	14,604

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.08	7,055	14,674	179.60	7,055	18,343
179.09	7,055	14,745	179.61	7,055	18,414
179.10	7,055	14,815	179.62	7,055	18,484
179.11	7,055	14,886	179.63	7,055	18,555
179.12	7,055	14,957	179.64	7,055	18,625
179.13	7,055	15,027	179.65	7,055	18,696
179.14	7,055	15,098	179.66	7,055	18,766
179.15	7,055	15,168	179.67	7,055	18,837
179.16	7,055	15,239	179.68	7,055	18,907
179.17	7,055	15,309	179.69	7,055	18,978
179.18	7,055	15,380	179.70	7,055	19,048
179.19	7,055	15,450	179.71	7,055	19,119
179.20	7,055	15,521	179.72	7,055	19,190
179.21	7,055	15,592	179.73	7,055	19,260
179.22	7,055	15,662	179.74	7,055	19,331
179.23	7,055	15,733	179.75	7,055	19,401
179.24	7,055	15,803	179.76	7,055	19,472
179.25	7,055	15,874	179.77	7,055	19,542
179.26	7,055	15,944	179.78	7,055	19,613
179.27	7,055	16,015	179.79	7,055	19,683
179.28	7,055	16,085	179.80	7,055	19,754
179.29	7,055	16,156	179.81	7,055	19,825
179.30	7,055	16,227	179.82	7,055	19,895
179.31	7,055	16,297	179.83	7,055	19,966
179.32	7,055	16,368	179.84	7,055	20,036
179.33	7,055	16,438	179.85	7,055	20,107
179.34	7,055	16,509	179.86	7,055	20,177
179.35	7,055	16,579	179.87	7,055	20,248
179.36	7,055	16,650	179.88	7,055	20,318
179.37	7,055	16,720	179.89	7,055	20,389
179.38	7,055	16,791	179.90	7,055	20,460
179.39	7,055	16,861	179.91	7,055	20,530
179.40	7,055	16,932	179.92	7,055	20,601
179.41	7,055	17,003	179.93	7,055	20,671
179.42	7,055	17,073	179.94	7,055	20,742
179.43	7,055	17,144	179.95	7,055	20,812
179.44	7,055	17,214	179.96	7,055	20,883
179.45	7,055	17,285	179.97	7,055	20,953
179.46	7,055	17,355	179.98	7,055	21,024
179.47	7,055	17,426	179.99	7,055	21,094
179.48	7,055	17,496	180.00	7,055	21,165
179.49	7,055	17,567	180.01	7,055	21,236
179.50	7,055	17,638	180.02	7,055	21,306
179.51	7,055	17,708	180.03	7,055	21,377
179.52	7,055	17,779	180.04	7,055	21,447
179.53	7,055	17,849	180.05	7,055	21,518
179.54	7,055	17,920	180.06	7,055	21,588
179.55	7,055	17,990	180.07	7,055	21,659
179.56	7,055	18,061	180.08	7,055	21,729
179.57	7,055	18,131	180.09	7,055	21,800
179.58	7,055	18,202	180.10	7,055	21,870
179.59	7,055	18,272	180.11	7,055	21,941

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.12	7,055	22,012	180.64	7,055	25,680
180.13	7,055	22,082	180.65	7,055	25,751
180.14	7,055	22,153	180.66	7,055	25,821
180.15	7,055	22,223	180.67	7,055	25,892
180.16	7,055	22,294	180.68	7,055	25,962
180.17	7,055	22,364	180.69	7,055	26,033
180.18	7,055	22,435	180.70	7,055	26,103
180.19	7,055	22,505	180.71	7,055	26,174
180.20	7,055	22,576	180.72	7,055	26,245
180.21	7,055	22,647	180.73	7,055	26,315
180.22	7,055	22,717	180.74	7,055	26,386
180.23	7,055	22,788	180.75	7,055	26,456
180.24	7,055	22,858	180.76	7,055	26,527
180.25	7,055	22,929	180.77	7,055	26,597
180.26	7,055	22,999	180.78	7,055	26,668
180.27	7,055	23,070	180.79	7,055	26,738
180.28	7,055	23,140	180.80	7,055	26,809
180.29	7,055	23,211	180.81	7,055	26,880
180.30	7,055	23,282	180.82	7,055	26,950
180.31	7,055	23,352	180.83	7,055	27,021
180.32	7,055	23,423	180.84	7,055	27,091
180.33	7,055	23,493	180.85	7,055	27,162
180.34	7,055	23,564	180.86	7,055	27,232
180.35	7,055	23,634	180.87	7,055	27,303
180.36	7,055	23,705	180.88	7,055	27,373
180.37	7,055	23,775	180.89	7,055	27,444
180.38	7,055	23,846	180.90	7,055	27,515
180.39	7,055	23,916	180.91	7,055	27,585
180.40	7,055	23,987	180.92	7,055	27,656
180.41	7,055	24,058	180.93	7,055	27,726
180.42	7,055	24,128	180.94	7,055	27,797
180.43	7,055	24,199	180.95	7,055	27,867
180.44	7,055	24,269	180.96	7,055	27,938
180.45	7,055	24,340	180.97	7,055	28,008
180.46	7,055	24,410	180.98	7,055	28,079
180.47	7,055	24,481	180.99	7,055	28,149
180.48	7,055	24,551	181.00	7,055	28,220
180.49	7,055	24,622			
180.50	7,055	24,693			
180.51	7,055	24,763			
180.52	7,055	24,834			
180.53	7,055	24,904			
180.54	7,055	24,975			
180.55	7,055	25,045			
180.56	7,055	25,116			
180.57	7,055	25,186			
180.58	7,055	25,257			
180.59	7,055	25,327			
180.60	7,055	25,398			
180.61	7,055	25,469			
180.62	7,055	25,539			
180.63	7,055	25,610			

Summary for Pond B-44: Basin #44

Inflow Area = 1.184 ac, 34.71% Impervious, Inflow Depth = 3.91" for Future 10 yr event
 Inflow = 4.76 cfs @ 12.17 hrs, Volume= 0.386 af
 Outflow = 0.18 cfs @ 15.13 hrs, Volume= 0.305 af, Atten= 96%, Lag= 177.3 min
 Primary = 0.18 cfs @ 15.13 hrs, Volume= 0.305 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 167.47' @ 15.13 hrs Surf.Area= 7,939 sf Storage= 11,651 cf

Plug-Flow detention time= 715.1 min calculated for 0.305 af (79% of inflow)
 Center-of-Mass det. time= 630.7 min (1,424.9 - 794.1)

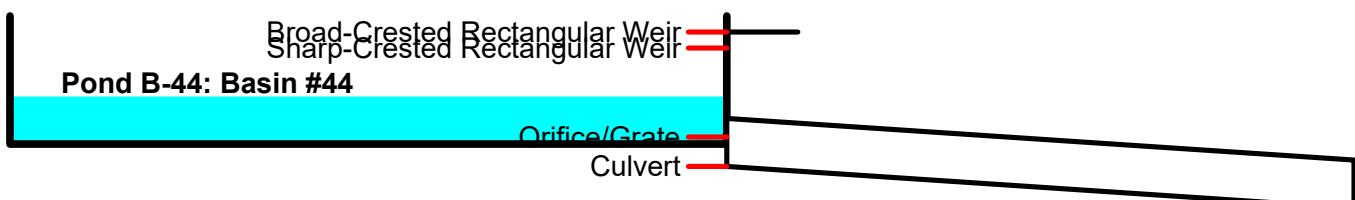
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	31,756 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,939	0	0
167.00	7,939	7,939	7,939
168.00	7,939	7,939	15,878
169.00	7,939	7,939	23,817
170.00	7,939	7,939	31,756

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 44.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0295 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

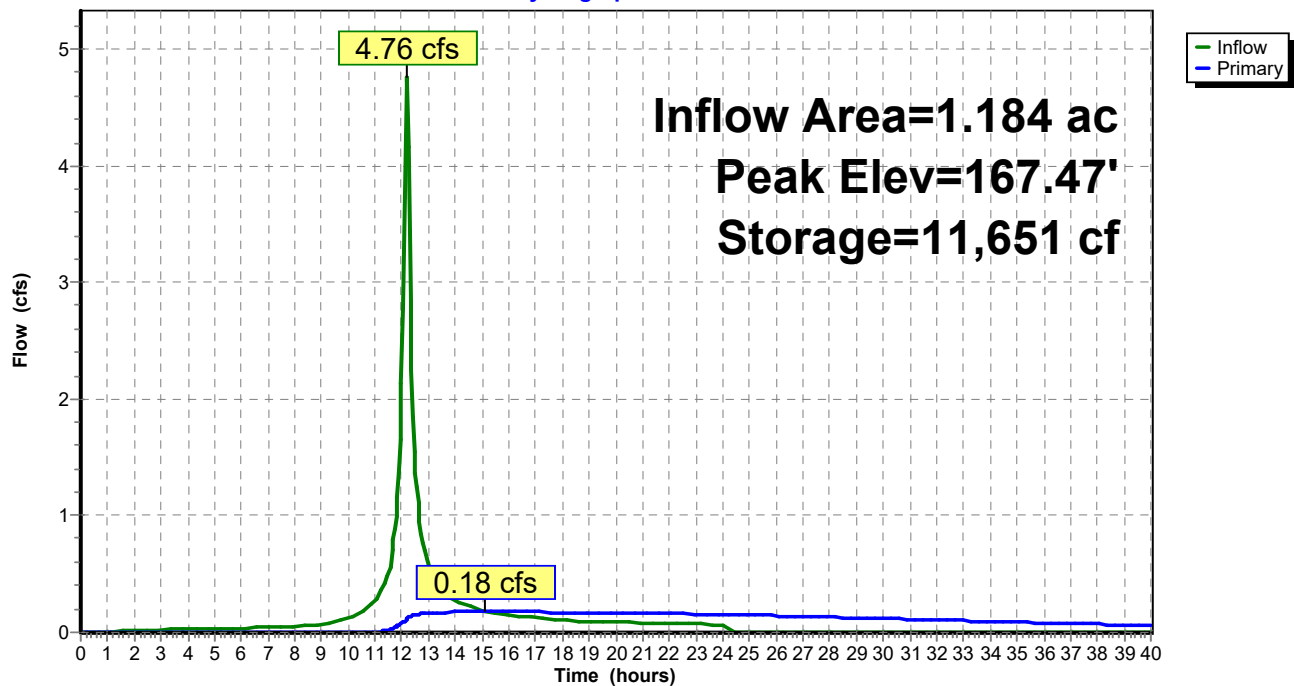
Primary OutFlow Max=0.18 cfs @ 15.13 hrs HW=167.47' (Free Discharge)

1=Culvert (Passes 0.18 cfs of 10.13 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.18 cfs @ 5.15 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-44: Basin #44

Hydrograph



Hydrograph for Pond B-44: Basin #44

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	0	166.00	0.00
0.90	0.00	0	166.00	0.00
1.00	0.00	1	166.00	0.00
1.10	0.00	3	166.00	0.00
1.20	0.01	4	166.00	0.00
1.30	0.01	7	166.00	0.00
1.40	0.01	9	166.00	0.00
1.50	0.01	12	166.00	0.00
1.60	0.01	16	166.00	0.00
1.70	0.01	20	166.00	0.00
1.80	0.01	24	166.00	0.00
1.90	0.01	29	166.00	0.00
2.00	0.01	33	166.00	0.00
2.10	0.01	39	166.00	0.00
2.20	0.02	44	166.01	0.00
2.30	0.02	50	166.01	0.00
2.40	0.02	56	166.01	0.00
2.50	0.02	62	166.01	0.00
2.60	0.02	69	166.01	0.00
2.70	0.02	76	166.01	0.00
2.80	0.02	83	166.01	0.00
2.90	0.02	90	166.01	0.00
3.00	0.02	97	166.01	0.00
3.10	0.02	105	166.01	0.00
3.20	0.02	113	166.01	0.00
3.30	0.02	121	166.02	0.00
3.40	0.02	129	166.02	0.00
3.50	0.02	138	166.02	0.00
3.60	0.02	146	166.02	0.00
3.70	0.02	155	166.02	0.00
3.80	0.03	164	166.02	0.00
3.90	0.03	174	166.02	0.00
4.00	0.03	183	166.02	0.00
4.10	0.03	192	166.02	0.00
4.20	0.03	202	166.03	0.00
4.30	0.03	212	166.03	0.00
4.40	0.03	222	166.03	0.00
4.50	0.03	232	166.03	0.00
4.60	0.03	243	166.03	0.00
4.70	0.03	253	166.03	0.00
4.80	0.03	264	166.03	0.00
4.90	0.03	275	166.03	0.00
5.00	0.03	285	166.04	0.00
5.10	0.03	297	166.04	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	308	166.04	0.00
5.30	0.03	319	166.04	0.00
5.40	0.03	331	166.04	0.00
5.50	0.03	342	166.04	0.00
5.60	0.03	354	166.04	0.00
5.70	0.03	366	166.05	0.00
5.80	0.03	378	166.05	0.00
5.90	0.03	390	166.05	0.00
6.00	0.03	402	166.05	0.00
6.10	0.03	414	166.05	0.00
6.20	0.04	427	166.05	0.00
6.30	0.04	440	166.06	0.00
6.40	0.04	453	166.06	0.00
6.50	0.04	467	166.06	0.00
6.60	0.04	481	166.06	0.00
6.70	0.04	495	166.06	0.00
6.80	0.04	510	166.06	0.00
6.90	0.04	525	166.07	0.00
7.00	0.04	541	166.07	0.00
7.10	0.04	557	166.07	0.00
7.20	0.05	573	166.07	0.00
7.30	0.05	589	166.07	0.00
7.40	0.05	606	166.08	0.00
7.50	0.05	624	166.08	0.00
7.60	0.05	641	166.08	0.00
7.70	0.05	659	166.08	0.00
7.80	0.05	678	166.09	0.00
7.90	0.05	696	166.09	0.00
8.00	0.05	715	166.09	0.00
8.10	0.05	735	166.09	0.00
8.20	0.06	755	166.10	0.00
8.30	0.06	775	166.10	0.00
8.40	0.06	796	166.10	0.00
8.50	0.06	818	166.10	0.00
8.60	0.06	840	166.11	0.00
8.70	0.07	864	166.11	0.00
8.80	0.07	887	166.11	0.00
8.90	0.07	912	166.11	0.00
9.00	0.07	938	166.12	0.00
9.10	0.07	964	166.12	0.00
9.20	0.08	992	166.12	0.00
9.30	0.08	1,021	166.13	0.00
9.40	0.09	1,053	166.13	0.00
9.50	0.10	1,086	166.14	0.00
9.60	0.10	1,121	166.14	0.00
9.70	0.11	1,159	166.15	0.00
9.80	0.11	1,199	166.15	0.00
9.90	0.12	1,241	166.16	0.00
10.00	0.13	1,286	166.16	0.00
10.10	0.13	1,332	166.17	0.00
10.20	0.14	1,382	166.17	0.00
10.30	0.15	1,434	166.18	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.16	1,488	166.19	0.00
10.50	0.16	1,545	166.19	0.00
10.60	0.17	1,606	166.20	0.00
10.70	0.19	1,672	166.21	0.00
10.80	0.22	1,745	166.22	0.00
10.90	0.24	1,827	166.23	0.00
11.00	0.27	1,918	166.24	0.00
11.10	0.30	2,018	166.25	0.00
11.20	0.34	2,131	166.27	0.01
11.30	0.39	2,259	166.28	0.01
11.40	0.44	2,404	166.30	0.01
11.50	0.49	2,566	166.32	0.02
11.60	0.60	2,750	166.35	0.03
11.70	0.80	2,993	166.38	0.04
11.80	0.99	3,297	166.42	0.05
11.90	1.37	3,697	166.47	0.06
12.00	2.13	4,286	166.54	0.08
12.10	3.73	5,284	166.67	0.10
12.20	4.62	6,835	166.86	0.12
12.30	2.84	8,129	167.02	0.14
12.40	1.84	8,904	167.12	0.15
12.50	1.36	9,417	167.19	0.15
12.60	1.11	9,808	167.24	0.16
12.70	0.84	10,098	167.27	0.16
12.80	0.73	10,320	167.30	0.16
12.90	0.65	10,509	167.32	0.16
13.00	0.59	10,674	167.34	0.17
13.10	0.53	10,816	167.36	0.17
13.20	0.47	10,936	167.38	0.17
13.30	0.44	11,039	167.39	0.17
13.40	0.40	11,128	167.40	0.17
13.50	0.37	11,205	167.41	0.17
13.60	0.33	11,270	167.42	0.17
13.70	0.31	11,323	167.43	0.17
13.80	0.29	11,368	167.43	0.17
13.90	0.28	11,410	167.44	0.17
14.00	0.27	11,447	167.44	0.17
14.10	0.27	11,482	167.45	0.17
14.20	0.26	11,513	167.45	0.17
14.30	0.25	11,542	167.45	0.17
14.40	0.24	11,566	167.46	0.17
14.50	0.23	11,588	167.46	0.17
14.60	0.22	11,607	167.46	0.18
14.70	0.21	11,622	167.46	0.18
14.80	0.20	11,634	167.47	0.18
14.90	0.20	11,643	167.47	0.18
15.00	0.19	11,648	167.47	0.18
15.10	0.18	11,651	167.47	0.18
15.20	0.17	11,650	167.47	0.18
15.30	0.17	11,648	167.47	0.18
15.40	0.16	11,644	167.47	0.18
15.50	0.16	11,639	167.47	0.18

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.16	11,634	167.47	0.18
15.70	0.16	11,628	167.46	0.18
15.80	0.15	11,621	167.46	0.18
15.90	0.15	11,613	167.46	0.18
16.00	0.15	11,605	167.46	0.18
16.10	0.15	11,595	167.46	0.17
16.20	0.15	11,585	167.46	0.17
16.30	0.14	11,574	167.46	0.17
16.40	0.14	11,562	167.46	0.17
16.50	0.14	11,550	167.45	0.17
16.60	0.14	11,536	167.45	0.17
16.70	0.13	11,522	167.45	0.17
16.80	0.13	11,507	167.45	0.17
16.90	0.13	11,491	167.45	0.17
17.00	0.13	11,475	167.45	0.17
17.10	0.12	11,458	167.44	0.17
17.20	0.12	11,440	167.44	0.17
17.30	0.12	11,421	167.44	0.17
17.40	0.12	11,401	167.44	0.17
17.50	0.11	11,380	167.43	0.17
17.60	0.11	11,359	167.43	0.17
17.70	0.11	11,337	167.43	0.17
17.80	0.11	11,314	167.43	0.17
17.90	0.11	11,291	167.42	0.17
18.00	0.10	11,266	167.42	0.17
18.10	0.10	11,241	167.42	0.17
18.20	0.10	11,215	167.41	0.17
18.30	0.10	11,189	167.41	0.17
18.40	0.10	11,163	167.41	0.17
18.50	0.10	11,136	167.40	0.17
18.60	0.10	11,109	167.40	0.17
18.70	0.10	11,083	167.40	0.17
18.80	0.09	11,056	167.39	0.17
18.90	0.09	11,029	167.39	0.17
19.00	0.09	11,001	167.39	0.17
19.10	0.09	10,974	167.38	0.17
19.20	0.09	10,947	167.38	0.17
19.30	0.09	10,919	167.38	0.17
19.40	0.09	10,892	167.37	0.17
19.50	0.09	10,864	167.37	0.17
19.60	0.09	10,836	167.36	0.17
19.70	0.09	10,808	167.36	0.17
19.80	0.09	10,780	167.36	0.17
19.90	0.09	10,752	167.35	0.17
20.00	0.09	10,724	167.35	0.17
20.10	0.09	10,696	167.35	0.17
20.20	0.09	10,667	167.34	0.17
20.30	0.09	10,638	167.34	0.17
20.40	0.09	10,610	167.34	0.17
20.50	0.08	10,581	167.33	0.16
20.60	0.08	10,552	167.33	0.16
20.70	0.08	10,523	167.33	0.16

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	10,494	167.32	0.16
20.90	0.08	10,465	167.32	0.16
21.00	0.08	10,436	167.31	0.16
21.10	0.08	10,406	167.31	0.16
21.20	0.08	10,377	167.31	0.16
21.30	0.08	10,347	167.30	0.16
21.40	0.08	10,317	167.30	0.16
21.50	0.08	10,288	167.30	0.16
21.60	0.08	10,258	167.29	0.16
21.70	0.08	10,228	167.29	0.16
21.80	0.08	10,197	167.28	0.16
21.90	0.08	10,167	167.28	0.16
22.00	0.08	10,137	167.28	0.16
22.10	0.08	10,107	167.27	0.16
22.20	0.07	10,076	167.27	0.16
22.30	0.07	10,046	167.27	0.16
22.40	0.07	10,015	167.26	0.16
22.50	0.07	9,984	167.26	0.16
22.60	0.07	9,953	167.25	0.16
22.70	0.07	9,922	167.25	0.16
22.80	0.07	9,891	167.25	0.16
22.90	0.07	9,860	167.24	0.16
23.00	0.07	9,829	167.24	0.16
23.10	0.07	9,797	167.23	0.16
23.20	0.07	9,766	167.23	0.16
23.30	0.07	9,734	167.23	0.16
23.40	0.07	9,703	167.22	0.16
23.50	0.07	9,671	167.22	0.16
23.60	0.07	9,639	167.21	0.15
23.70	0.07	9,607	167.21	0.15
23.80	0.07	9,575	167.21	0.15
23.90	0.06	9,543	167.20	0.15
24.00	0.07	9,511	167.20	0.15
24.10	0.06	9,480	167.19	0.15
24.20	0.02	9,437	167.19	0.15
24.30	0.00	9,386	167.18	0.15
24.40	0.00	9,332	167.18	0.15
24.50	0.00	9,278	167.17	0.15
24.60	0.00	9,224	167.16	0.15
24.70	0.00	9,170	167.16	0.15
24.80	0.00	9,116	167.15	0.15
24.90	0.00	9,062	167.14	0.15
25.00	0.00	9,009	167.13	0.15
25.10	0.00	8,956	167.13	0.15
25.20	0.00	8,903	167.12	0.15
25.30	0.00	8,850	167.11	0.15
25.40	0.00	8,798	167.11	0.15
25.50	0.00	8,746	167.10	0.14
25.60	0.00	8,694	167.10	0.14
25.70	0.00	8,642	167.09	0.14
25.80	0.00	8,590	167.08	0.14
25.90	0.00	8,539	167.08	0.14

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,488	167.07	0.14
26.10	0.00	8,437	167.06	0.14
26.20	0.00	8,386	167.06	0.14
26.30	0.00	8,336	167.05	0.14
26.40	0.00	8,286	167.04	0.14
26.50	0.00	8,236	167.04	0.14
26.60	0.00	8,186	167.03	0.14
26.70	0.00	8,136	167.02	0.14
26.80	0.00	8,087	167.02	0.14
26.90	0.00	8,038	167.01	0.14
27.00	0.00	7,989	167.01	0.14
27.10	0.00	7,940	167.00	0.13
27.20	0.00	7,892	166.99	0.13
27.30	0.00	7,844	166.99	0.13
27.40	0.00	7,796	166.98	0.13
27.50	0.00	7,748	166.98	0.13
27.60	0.00	7,700	166.97	0.13
27.70	0.00	7,653	166.96	0.13
27.80	0.00	7,606	166.96	0.13
27.90	0.00	7,559	166.95	0.13
28.00	0.00	7,512	166.95	0.13
28.10	0.00	7,466	166.94	0.13
28.20	0.00	7,419	166.93	0.13
28.30	0.00	7,373	166.93	0.13
28.40	0.00	7,327	166.92	0.13
28.50	0.00	7,282	166.92	0.13
28.60	0.00	7,236	166.91	0.13
28.70	0.00	7,191	166.91	0.13
28.80	0.00	7,146	166.90	0.12
28.90	0.00	7,102	166.89	0.12
29.00	0.00	7,057	166.89	0.12
29.10	0.00	7,013	166.88	0.12
29.20	0.00	6,969	166.88	0.12
29.30	0.00	6,925	166.87	0.12
29.40	0.00	6,881	166.87	0.12
29.50	0.00	6,838	166.86	0.12
29.60	0.00	6,795	166.86	0.12
29.70	0.00	6,752	166.85	0.12
29.80	0.00	6,709	166.85	0.12
29.90	0.00	6,666	166.84	0.12
30.00	0.00	6,624	166.83	0.12
30.10	0.00	6,582	166.83	0.12
30.20	0.00	6,540	166.82	0.12
30.30	0.00	6,498	166.82	0.12
30.40	0.00	6,457	166.81	0.11
30.50	0.00	6,416	166.81	0.11
30.60	0.00	6,375	166.80	0.11
30.70	0.00	6,334	166.80	0.11
30.80	0.00	6,293	166.79	0.11
30.90	0.00	6,253	166.79	0.11
31.00	0.00	6,213	166.78	0.11
31.10	0.00	6,173	166.78	0.11

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,133	166.77	0.11
31.30	0.00	6,094	166.77	0.11
31.40	0.00	6,055	166.76	0.11
31.50	0.00	6,016	166.76	0.11
31.60	0.00	5,977	166.75	0.11
31.70	0.00	5,938	166.75	0.11
31.80	0.00	5,900	166.74	0.11
31.90	0.00	5,862	166.74	0.11
32.00	0.00	5,824	166.73	0.10
32.10	0.00	5,786	166.73	0.10
32.20	0.00	5,749	166.72	0.10
32.30	0.00	5,712	166.72	0.10
32.40	0.00	5,675	166.71	0.10
32.50	0.00	5,638	166.71	0.10
32.60	0.00	5,601	166.71	0.10
32.70	0.00	5,565	166.70	0.10
32.80	0.00	5,529	166.70	0.10
32.90	0.00	5,493	166.69	0.10
33.00	0.00	5,457	166.69	0.10
33.10	0.00	5,422	166.68	0.10
33.20	0.00	5,386	166.68	0.10
33.30	0.00	5,351	166.67	0.10
33.40	0.00	5,316	166.67	0.10
33.50	0.00	5,282	166.67	0.10
33.60	0.00	5,247	166.66	0.10
33.70	0.00	5,213	166.66	0.09
33.80	0.00	5,179	166.65	0.09
33.90	0.00	5,146	166.65	0.09
34.00	0.00	5,112	166.64	0.09
34.10	0.00	5,079	166.64	0.09
34.20	0.00	5,046	166.64	0.09
34.30	0.00	5,013	166.63	0.09
34.40	0.00	4,980	166.63	0.09
34.50	0.00	4,948	166.62	0.09
34.60	0.00	4,916	166.62	0.09
34.70	0.00	4,884	166.62	0.09
34.80	0.00	4,852	166.61	0.09
34.90	0.00	4,820	166.61	0.09
35.00	0.00	4,789	166.60	0.09
35.10	0.00	4,758	166.60	0.09
35.20	0.00	4,727	166.60	0.09
35.30	0.00	4,696	166.59	0.08
35.40	0.00	4,666	166.59	0.08
35.50	0.00	4,636	166.58	0.08
35.60	0.00	4,606	166.58	0.08
35.70	0.00	4,576	166.58	0.08
35.80	0.00	4,546	166.57	0.08
35.90	0.00	4,517	166.57	0.08
36.00	0.00	4,488	166.57	0.08
36.10	0.00	4,459	166.56	0.08
36.20	0.00	4,430	166.56	0.08
36.30	0.00	4,402	166.55	0.08

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,374	166.55	0.08
36.50	0.00	4,346	166.55	0.08
36.60	0.00	4,318	166.54	0.08
36.70	0.00	4,290	166.54	0.08
36.80	0.00	4,263	166.54	0.08
36.90	0.00	4,236	166.53	0.08
37.00	0.00	4,209	166.53	0.07
37.10	0.00	4,182	166.53	0.07
37.20	0.00	4,156	166.52	0.07
37.30	0.00	4,130	166.52	0.07
37.40	0.00	4,104	166.52	0.07
37.50	0.00	4,078	166.51	0.07
37.60	0.00	4,052	166.51	0.07
37.70	0.00	4,027	166.51	0.07
37.80	0.00	4,002	166.50	0.07
37.90	0.00	3,977	166.50	0.07
38.00	0.00	3,952	166.50	0.07
38.10	0.00	3,928	166.49	0.07
38.20	0.00	3,903	166.49	0.07
38.30	0.00	3,879	166.49	0.07
38.40	0.00	3,855	166.49	0.07
38.50	0.00	3,832	166.48	0.07
38.60	0.00	3,808	166.48	0.06
38.70	0.00	3,785	166.48	0.06
38.80	0.00	3,762	166.47	0.06
38.90	0.00	3,740	166.47	0.06
39.00	0.00	3,717	166.47	0.06
39.10	0.00	3,695	166.47	0.06
39.20	0.00	3,673	166.46	0.06
39.30	0.00	3,651	166.46	0.06
39.40	0.00	3,629	166.46	0.06
39.50	0.00	3,608	166.45	0.06
39.60	0.00	3,587	166.45	0.06
39.70	0.00	3,566	166.45	0.06
39.80	0.00	3,545	166.45	0.06
39.90	0.00	3,525	166.44	0.06
40.00	0.00	3,504	166.44	0.06

Stage-Discharge for Pond B-44: Basin #44

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.07	167.04	0.14	167.56	0.18
166.01	0.00	166.53	0.07	167.05	0.14	167.57	0.18
166.02	0.00	166.54	0.08	167.06	0.14	167.58	0.18
166.03	0.00	166.55	0.08	167.07	0.14	167.59	0.18
166.04	0.00	166.56	0.08	167.08	0.14	167.60	0.19
166.05	0.00	166.57	0.08	167.09	0.14	167.61	0.19
166.06	0.00	166.58	0.08	167.10	0.14	167.62	0.19
166.07	0.00	166.59	0.08	167.11	0.15	167.63	0.19
166.08	0.00	166.60	0.09	167.12	0.15	167.64	0.19
166.09	0.00	166.61	0.09	167.13	0.15	167.65	0.19
166.10	0.00	166.62	0.09	167.14	0.15	167.66	0.19
166.11	0.00	166.63	0.09	167.15	0.15	167.67	0.19
166.12	0.00	166.64	0.09	167.16	0.15	167.68	0.19
166.13	0.00	166.65	0.09	167.17	0.15	167.69	0.19
166.14	0.00	166.66	0.10	167.18	0.15	167.70	0.19
166.15	0.00	166.67	0.10	167.19	0.15	167.71	0.19
166.16	0.00	166.68	0.10	167.20	0.15	167.72	0.19
166.17	0.00	166.69	0.10	167.21	0.15	167.73	0.19
166.18	0.00	166.70	0.10	167.22	0.16	167.74	0.20
166.19	0.00	166.71	0.10	167.23	0.16	167.75	0.20
166.20	0.00	166.72	0.10	167.24	0.16	167.76	0.20
166.21	0.00	166.73	0.10	167.25	0.16	167.77	0.20
166.22	0.00	166.74	0.11	167.26	0.16	167.78	0.20
166.23	0.00	166.75	0.11	167.27	0.16	167.79	0.20
166.24	0.00	166.76	0.11	167.28	0.16	167.80	0.20
166.25	0.00	166.77	0.11	167.29	0.16	167.81	0.20
166.26	0.00	166.78	0.11	167.30	0.16	167.82	0.20
166.27	0.00	166.79	0.11	167.31	0.16	167.83	0.20
166.28	0.01	166.80	0.11	167.32	0.16	167.84	0.20
166.29	0.01	166.81	0.11	167.33	0.16	167.85	0.20
166.30	0.01	166.82	0.12	167.34	0.17	167.86	0.20
166.31	0.01	166.83	0.12	167.35	0.17	167.87	0.20
166.32	0.02	166.84	0.12	167.36	0.17	167.88	0.20
166.33	0.02	166.85	0.12	167.37	0.17	167.89	0.21
166.34	0.02	166.86	0.12	167.38	0.17	167.90	0.21
166.35	0.03	166.87	0.12	167.39	0.17	167.91	0.21
166.36	0.03	166.88	0.12	167.40	0.17	167.92	0.21
166.37	0.03	166.89	0.12	167.41	0.17	167.93	0.21
166.38	0.04	166.90	0.12	167.42	0.17	167.94	0.21
166.39	0.04	166.91	0.13	167.43	0.17	167.95	0.21
166.40	0.05	166.92	0.13	167.44	0.17	167.96	0.21
166.41	0.05	166.93	0.13	167.45	0.17	167.97	0.21
166.42	0.05	166.94	0.13	167.46	0.17	167.98	0.21
166.43	0.05	166.95	0.13	167.47	0.18	167.99	0.21
166.44	0.06	166.96	0.13	167.48	0.18	168.00	0.21
166.45	0.06	166.97	0.13	167.49	0.18	168.01	0.21
166.46	0.06	166.98	0.13	167.50	0.18	168.02	0.21
166.47	0.06	166.99	0.13	167.51	0.18	168.03	0.21
166.48	0.06	167.00	0.13	167.52	0.18	168.04	0.22
166.49	0.07	167.01	0.14	167.53	0.18	168.05	0.22
166.50	0.07	167.02	0.14	167.54	0.18	168.06	0.22
166.51	0.07	167.03	0.14	167.55	0.18	168.07	0.22

Stage-Discharge for Pond B-44: Basin #44 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.22	168.60	0.25	169.12	0.81	169.64	12.95
168.09	0.22	168.61	0.25	169.13	0.88	169.65	13.78
168.10	0.22	168.62	0.25	169.14	0.96	169.66	14.63
168.11	0.22	168.63	0.25	169.15	1.03	169.67	15.50
168.12	0.22	168.64	0.25	169.16	1.11	169.68	16.40
168.13	0.22	168.65	0.25	169.17	1.19	169.69	17.32
168.14	0.22	168.66	0.25	169.18	1.27	169.70	18.26
168.15	0.22	168.67	0.25	169.19	1.35	169.71	19.26
168.16	0.22	168.68	0.25	169.20	1.44	169.72	20.29
168.17	0.22	168.69	0.25	169.21	1.52	169.73	21.35
168.18	0.22	168.70	0.25	169.22	1.61	169.74	22.43
168.19	0.22	168.71	0.25	169.23	1.71	169.75	23.53
168.20	0.22	168.72	0.25	169.24	1.80	169.76	24.67
168.21	0.23	168.73	0.25	169.25	1.90	169.77	25.83
168.22	0.23	168.74	0.26	169.26	1.99	169.78	27.01
168.23	0.23	168.75	0.26	169.27	2.09	169.79	28.22
168.24	0.23	168.76	0.26	169.28	2.19	169.80	29.46
168.25	0.23	168.77	0.26	169.29	2.30	169.81	30.72
168.26	0.23	168.78	0.26	169.30	2.40	169.82	32.01
168.27	0.23	168.79	0.26	169.31	2.51	169.83	33.32
168.28	0.23	168.80	0.26	169.32	2.61	169.84	34.66
168.29	0.23	168.81	0.26	169.33	2.72	169.85	36.02
168.30	0.23	168.82	0.26	169.34	2.83	169.86	37.41
168.31	0.23	168.83	0.26	169.35	2.95	169.87	38.82
168.32	0.23	168.84	0.26	169.36	3.06	169.88	40.26
168.33	0.23	168.85	0.26	169.37	3.18	169.89	41.72
168.34	0.23	168.86	0.26	169.38	3.29	169.90	43.21
168.35	0.23	168.87	0.26	169.39	3.41	169.91	44.74
168.36	0.23	168.88	0.26	169.40	3.53	169.92	46.31
168.37	0.23	168.89	0.26	169.41	3.65	169.93	47.90
168.38	0.24	168.90	0.26	169.42	3.77	169.94	49.52
168.39	0.24	168.91	0.26	169.43	3.90	169.95	51.17
168.40	0.24	168.92	0.26	169.44	4.02	169.96	52.84
168.41	0.24	168.93	0.26	169.45	4.15	169.97	54.54
168.42	0.24	168.94	0.27	169.46	4.28	169.98	56.27
168.43	0.24	168.95	0.27	169.47	4.41	169.99	58.02
168.44	0.24	168.96	0.27	169.48	4.54	170.00	59.81
168.45	0.24	168.97	0.27	169.49	4.67		
168.46	0.24	168.98	0.27	169.50	4.80		
168.47	0.24	168.99	0.27	169.51	5.05		
168.48	0.24	169.00	0.27	169.52	5.40		
168.49	0.24	169.01	0.28	169.53	5.82		
168.50	0.24	169.02	0.31	169.54	6.28		
168.51	0.24	169.03	0.34	169.55	6.79		
168.52	0.24	169.04	0.37	169.56	7.35		
168.53	0.24	169.05	0.42	169.57	7.94		
168.54	0.24	169.06	0.46	169.58	8.56		
168.55	0.24	169.07	0.51	169.59	9.22		
168.56	0.25	169.08	0.57	169.60	9.91		
168.57	0.25	169.09	0.62	169.61	10.63		
168.58	0.25	169.10	0.69	169.62	11.38		
168.59	0.25	169.11	0.75	169.63	12.15		

Stage-Area-Storage for Pond B-44: Basin #44

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,939	0	166.52	7,939	4,128
166.01	7,939	79	166.53	7,939	4,208
166.02	7,939	159	166.54	7,939	4,287
166.03	7,939	238	166.55	7,939	4,366
166.04	7,939	318	166.56	7,939	4,446
166.05	7,939	397	166.57	7,939	4,525
166.06	7,939	476	166.58	7,939	4,605
166.07	7,939	556	166.59	7,939	4,684
166.08	7,939	635	166.60	7,939	4,763
166.09	7,939	715	166.61	7,939	4,843
166.10	7,939	794	166.62	7,939	4,922
166.11	7,939	873	166.63	7,939	5,002
166.12	7,939	953	166.64	7,939	5,081
166.13	7,939	1,032	166.65	7,939	5,160
166.14	7,939	1,111	166.66	7,939	5,240
166.15	7,939	1,191	166.67	7,939	5,319
166.16	7,939	1,270	166.68	7,939	5,399
166.17	7,939	1,350	166.69	7,939	5,478
166.18	7,939	1,429	166.70	7,939	5,557
166.19	7,939	1,508	166.71	7,939	5,637
166.20	7,939	1,588	166.72	7,939	5,716
166.21	7,939	1,667	166.73	7,939	5,795
166.22	7,939	1,747	166.74	7,939	5,875
166.23	7,939	1,826	166.75	7,939	5,954
166.24	7,939	1,905	166.76	7,939	6,034
166.25	7,939	1,985	166.77	7,939	6,113
166.26	7,939	2,064	166.78	7,939	6,192
166.27	7,939	2,144	166.79	7,939	6,272
166.28	7,939	2,223	166.80	7,939	6,351
166.29	7,939	2,302	166.81	7,939	6,431
166.30	7,939	2,382	166.82	7,939	6,510
166.31	7,939	2,461	166.83	7,939	6,589
166.32	7,939	2,540	166.84	7,939	6,669
166.33	7,939	2,620	166.85	7,939	6,748
166.34	7,939	2,699	166.86	7,939	6,828
166.35	7,939	2,779	166.87	7,939	6,907
166.36	7,939	2,858	166.88	7,939	6,986
166.37	7,939	2,937	166.89	7,939	7,066
166.38	7,939	3,017	166.90	7,939	7,145
166.39	7,939	3,096	166.91	7,939	7,224
166.40	7,939	3,176	166.92	7,939	7,304
166.41	7,939	3,255	166.93	7,939	7,383
166.42	7,939	3,334	166.94	7,939	7,463
166.43	7,939	3,414	166.95	7,939	7,542
166.44	7,939	3,493	166.96	7,939	7,621
166.45	7,939	3,573	166.97	7,939	7,701
166.46	7,939	3,652	166.98	7,939	7,780
166.47	7,939	3,731	166.99	7,939	7,860
166.48	7,939	3,811	167.00	7,939	7,939
166.49	7,939	3,890	167.01	7,939	8,018
166.50	7,939	3,970	167.02	7,939	8,098
166.51	7,939	4,049	167.03	7,939	8,177

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,939	8,257	167.56	7,939	12,385
167.05	7,939	8,336	167.57	7,939	12,464
167.06	7,939	8,415	167.58	7,939	12,544
167.07	7,939	8,495	167.59	7,939	12,623
167.08	7,939	8,574	167.60	7,939	12,702
167.09	7,939	8,654	167.61	7,939	12,782
167.10	7,939	8,733	167.62	7,939	12,861
167.11	7,939	8,812	167.63	7,939	12,941
167.12	7,939	8,892	167.64	7,939	13,020
167.13	7,939	8,971	167.65	7,939	13,099
167.14	7,939	9,050	167.66	7,939	13,179
167.15	7,939	9,130	167.67	7,939	13,258
167.16	7,939	9,209	167.68	7,939	13,338
167.17	7,939	9,289	167.69	7,939	13,417
167.18	7,939	9,368	167.70	7,939	13,496
167.19	7,939	9,447	167.71	7,939	13,576
167.20	7,939	9,527	167.72	7,939	13,655
167.21	7,939	9,606	167.73	7,939	13,734
167.22	7,939	9,686	167.74	7,939	13,814
167.23	7,939	9,765	167.75	7,939	13,893
167.24	7,939	9,844	167.76	7,939	13,973
167.25	7,939	9,924	167.77	7,939	14,052
167.26	7,939	10,003	167.78	7,939	14,131
167.27	7,939	10,083	167.79	7,939	14,211
167.28	7,939	10,162	167.80	7,939	14,290
167.29	7,939	10,241	167.81	7,939	14,370
167.30	7,939	10,321	167.82	7,939	14,449
167.31	7,939	10,400	167.83	7,939	14,528
167.32	7,939	10,479	167.84	7,939	14,608
167.33	7,939	10,559	167.85	7,939	14,687
167.34	7,939	10,638	167.86	7,939	14,767
167.35	7,939	10,718	167.87	7,939	14,846
167.36	7,939	10,797	167.88	7,939	14,925
167.37	7,939	10,876	167.89	7,939	15,005
167.38	7,939	10,956	167.90	7,939	15,084
167.39	7,939	11,035	167.91	7,939	15,163
167.40	7,939	11,115	167.92	7,939	15,243
167.41	7,939	11,194	167.93	7,939	15,322
167.42	7,939	11,273	167.94	7,939	15,402
167.43	7,939	11,353	167.95	7,939	15,481
167.44	7,939	11,432	167.96	7,939	15,560
167.45	7,939	11,512	167.97	7,939	15,640
167.46	7,939	11,591	167.98	7,939	15,719
167.47	7,939	11,670	167.99	7,939	15,799
167.48	7,939	11,750	168.00	7,939	15,878
167.49	7,939	11,829	168.01	7,939	15,957
167.50	7,939	11,909	168.02	7,939	16,037
167.51	7,939	11,988	168.03	7,939	16,116
167.52	7,939	12,067	168.04	7,939	16,196
167.53	7,939	12,147	168.05	7,939	16,275
167.54	7,939	12,226	168.06	7,939	16,354
167.55	7,939	12,305	168.07	7,939	16,434

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,939	16,513	168.60	7,939	20,641
168.09	7,939	16,593	168.61	7,939	20,721
168.10	7,939	16,672	168.62	7,939	20,800
168.11	7,939	16,751	168.63	7,939	20,880
168.12	7,939	16,831	168.64	7,939	20,959
168.13	7,939	16,910	168.65	7,939	21,038
168.14	7,939	16,989	168.66	7,939	21,118
168.15	7,939	17,069	168.67	7,939	21,197
168.16	7,939	17,148	168.68	7,939	21,277
168.17	7,939	17,228	168.69	7,939	21,356
168.18	7,939	17,307	168.70	7,939	21,435
168.19	7,939	17,386	168.71	7,939	21,515
168.20	7,939	17,466	168.72	7,939	21,594
168.21	7,939	17,545	168.73	7,939	21,673
168.22	7,939	17,625	168.74	7,939	21,753
168.23	7,939	17,704	168.75	7,939	21,832
168.24	7,939	17,783	168.76	7,939	21,912
168.25	7,939	17,863	168.77	7,939	21,991
168.26	7,939	17,942	168.78	7,939	22,070
168.27	7,939	18,022	168.79	7,939	22,150
168.28	7,939	18,101	168.80	7,939	22,229
168.29	7,939	18,180	168.81	7,939	22,309
168.30	7,939	18,260	168.82	7,939	22,388
168.31	7,939	18,339	168.83	7,939	22,467
168.32	7,939	18,418	168.84	7,939	22,547
168.33	7,939	18,498	168.85	7,939	22,626
168.34	7,939	18,577	168.86	7,939	22,706
168.35	7,939	18,657	168.87	7,939	22,785
168.36	7,939	18,736	168.88	7,939	22,864
168.37	7,939	18,815	168.89	7,939	22,944
168.38	7,939	18,895	168.90	7,939	23,023
168.39	7,939	18,974	168.91	7,939	23,102
168.40	7,939	19,054	168.92	7,939	23,182
168.41	7,939	19,133	168.93	7,939	23,261
168.42	7,939	19,212	168.94	7,939	23,341
168.43	7,939	19,292	168.95	7,939	23,420
168.44	7,939	19,371	168.96	7,939	23,499
168.45	7,939	19,451	168.97	7,939	23,579
168.46	7,939	19,530	168.98	7,939	23,658
168.47	7,939	19,609	168.99	7,939	23,738
168.48	7,939	19,689	169.00	7,939	23,817
168.49	7,939	19,768	169.01	7,939	23,896
168.50	7,939	19,848	169.02	7,939	23,976
168.51	7,939	19,927	169.03	7,939	24,055
168.52	7,939	20,006	169.04	7,939	24,135
168.53	7,939	20,086	169.05	7,939	24,214
168.54	7,939	20,165	169.06	7,939	24,293
168.55	7,939	20,244	169.07	7,939	24,373
168.56	7,939	20,324	169.08	7,939	24,452
168.57	7,939	20,403	169.09	7,939	24,532
168.58	7,939	20,483	169.10	7,939	24,611
168.59	7,939	20,562	169.11	7,939	24,690

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,939	24,770	169.64	7,939	28,898
169.13	7,939	24,849	169.65	7,939	28,977
169.14	7,939	24,928	169.66	7,939	29,057
169.15	7,939	25,008	169.67	7,939	29,136
169.16	7,939	25,087	169.68	7,939	29,216
169.17	7,939	25,167	169.69	7,939	29,295
169.18	7,939	25,246	169.70	7,939	29,374
169.19	7,939	25,325	169.71	7,939	29,454
169.20	7,939	25,405	169.72	7,939	29,533
169.21	7,939	25,484	169.73	7,939	29,612
169.22	7,939	25,564	169.74	7,939	29,692
169.23	7,939	25,643	169.75	7,939	29,771
169.24	7,939	25,722	169.76	7,939	29,851
169.25	7,939	25,802	169.77	7,939	29,930
169.26	7,939	25,881	169.78	7,939	30,009
169.27	7,939	25,961	169.79	7,939	30,089
169.28	7,939	26,040	169.80	7,939	30,168
169.29	7,939	26,119	169.81	7,939	30,248
169.30	7,939	26,199	169.82	7,939	30,327
169.31	7,939	26,278	169.83	7,939	30,406
169.32	7,939	26,357	169.84	7,939	30,486
169.33	7,939	26,437	169.85	7,939	30,565
169.34	7,939	26,516	169.86	7,939	30,645
169.35	7,939	26,596	169.87	7,939	30,724
169.36	7,939	26,675	169.88	7,939	30,803
169.37	7,939	26,754	169.89	7,939	30,883
169.38	7,939	26,834	169.90	7,939	30,962
169.39	7,939	26,913	169.91	7,939	31,041
169.40	7,939	26,993	169.92	7,939	31,121
169.41	7,939	27,072	169.93	7,939	31,200
169.42	7,939	27,151	169.94	7,939	31,280
169.43	7,939	27,231	169.95	7,939	31,359
169.44	7,939	27,310	169.96	7,939	31,438
169.45	7,939	27,390	169.97	7,939	31,518
169.46	7,939	27,469	169.98	7,939	31,597
169.47	7,939	27,548	169.99	7,939	31,677
169.48	7,939	27,628	170.00	7,939	31,756
169.49	7,939	27,707			
169.50	7,939	27,787			
169.51	7,939	27,866			
169.52	7,939	27,945			
169.53	7,939	28,025			
169.54	7,939	28,104			
169.55	7,939	28,183			
169.56	7,939	28,263			
169.57	7,939	28,342			
169.58	7,939	28,422			
169.59	7,939	28,501			
169.60	7,939	28,580			
169.61	7,939	28,660			
169.62	7,939	28,739			
169.63	7,939	28,819			

Summary for Pond B-45: Basin #45

Inflow Area = 2.294 ac, 62.82% Impervious, Inflow Depth = 4.63" for Future 10 yr event
 Inflow = 12.43 cfs @ 12.11 hrs, Volume= 0.884 af
 Outflow = 3.49 cfs @ 12.33 hrs, Volume= 0.749 af, Atten= 72%, Lag= 13.7 min
 Primary = 3.49 cfs @ 12.33 hrs, Volume= 0.749 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 168.63' @ 12.33 hrs Surf.Area= 7,365 sf Storage= 19,351 cf

Plug-Flow detention time= 244.3 min calculated for 0.748 af (85% of inflow)
 Center-of-Mass det. time= 175.7 min (942.2 - 766.4)

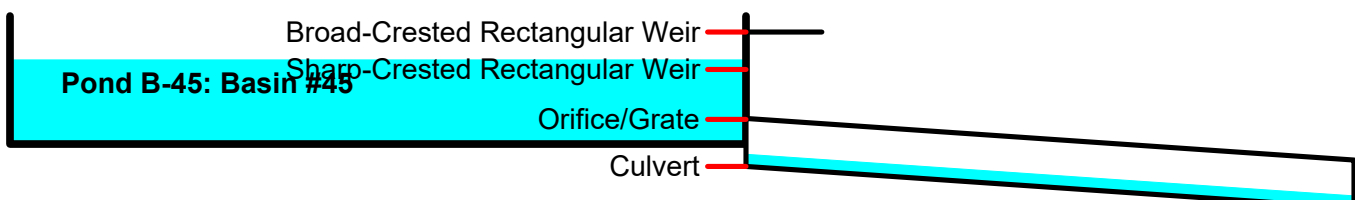
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	29,460 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,365	0	0
167.00	7,365	7,365	7,365
168.00	7,365	7,365	14,730
169.00	7,365	7,365	22,095
170.00	7,365	7,365	29,460

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0325 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.77'	6.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	168.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' / SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

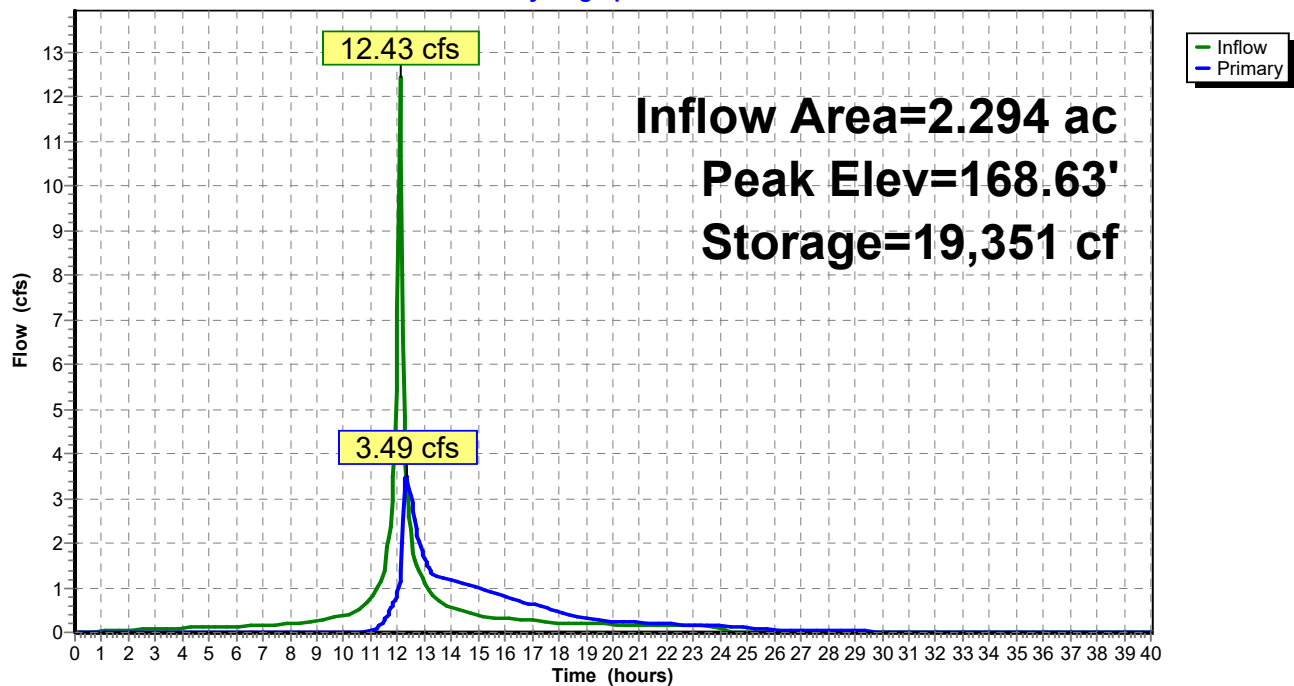
Primary OutFlow Max=3.47 cfs @ 12.33 hrs HW=168.63' (Free Discharge)

1=Culvert (Passes 3.47 cfs of 13.66 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 1.40 cfs @ 6.06 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 2.08 cfs @ 1.78 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-45: Basin #45

Hydrograph



Hydrograph for Pond B-45: Basin #45

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.00	0	166.00	0.00
0.70	0.00	0	166.00	0.00
0.80	0.00	1	166.00	0.00
0.90	0.01	3	166.00	0.00
1.00	0.01	7	166.00	0.00
1.10	0.02	13	166.00	0.00
1.20	0.02	21	166.00	0.00
1.30	0.03	30	166.00	0.00
1.40	0.03	41	166.01	0.00
1.50	0.04	52	166.01	0.00
1.60	0.04	66	166.01	0.00
1.70	0.04	80	166.01	0.00
1.80	0.05	96	166.01	0.00
1.90	0.05	113	166.02	0.00
2.00	0.05	131	166.02	0.00
2.10	0.05	149	166.02	0.00
2.20	0.06	169	166.02	0.00
2.30	0.06	190	166.03	0.00
2.40	0.06	212	166.03	0.00
2.50	0.06	235	166.03	0.00
2.60	0.07	258	166.04	0.00
2.70	0.07	283	166.04	0.00
2.80	0.07	308	166.04	0.00
2.90	0.07	334	166.05	0.00
3.00	0.08	361	166.05	0.00
3.10	0.08	388	166.05	0.00
3.20	0.08	417	166.06	0.00
3.30	0.08	445	166.06	0.00
3.40	0.08	475	166.06	0.00
3.50	0.09	505	166.07	0.00
3.60	0.09	536	166.07	0.00
3.70	0.09	568	166.08	0.00
3.80	0.09	600	166.08	0.00
3.90	0.09	633	166.09	0.00
4.00	0.09	666	166.09	0.00
4.10	0.09	700	166.10	0.00
4.20	0.10	734	166.10	0.00
4.30	0.10	769	166.10	0.00
4.40	0.10	805	166.11	0.00
4.50	0.10	841	166.11	0.00
4.60	0.10	878	166.12	0.00
4.70	0.10	915	166.12	0.00
4.80	0.11	953	166.13	0.00
4.90	0.11	991	166.13	0.00
5.00	0.11	1,029	166.14	0.00
5.10	0.11	1,069	166.15	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.11	1,108	166.15	0.00
5.30	0.11	1,148	166.16	0.00
5.40	0.11	1,189	166.16	0.00
5.50	0.11	1,230	166.17	0.00
5.60	0.12	1,271	166.17	0.00
5.70	0.12	1,313	166.18	0.00
5.80	0.12	1,356	166.18	0.00
5.90	0.12	1,398	166.19	0.00
6.00	0.12	1,442	166.20	0.00
6.10	0.12	1,486	166.20	0.00
6.20	0.13	1,531	166.21	0.00
6.30	0.13	1,577	166.21	0.00
6.40	0.13	1,625	166.22	0.00
6.50	0.14	1,674	166.23	0.00
6.60	0.14	1,724	166.23	0.00
6.70	0.14	1,775	166.24	0.00
6.80	0.15	1,828	166.25	0.00
6.90	0.15	1,882	166.26	0.00
7.00	0.16	1,937	166.26	0.00
7.10	0.16	1,993	166.27	0.00
7.20	0.16	2,051	166.28	0.00
7.30	0.17	2,110	166.29	0.00
7.40	0.17	2,170	166.29	0.00
7.50	0.17	2,232	166.30	0.00
7.60	0.18	2,294	166.31	0.00
7.70	0.18	2,358	166.32	0.00
7.80	0.18	2,424	166.33	0.00
7.90	0.19	2,490	166.34	0.00
8.00	0.19	2,558	166.35	0.00
8.10	0.19	2,628	166.36	0.00
8.20	0.20	2,698	166.37	0.00
8.30	0.20	2,770	166.38	0.00
8.40	0.21	2,844	166.39	0.00
8.50	0.21	2,920	166.40	0.00
8.60	0.22	2,997	166.41	0.00
8.70	0.22	3,076	166.42	0.00
8.80	0.23	3,157	166.43	0.00
8.90	0.23	3,239	166.44	0.00
9.00	0.24	3,323	166.45	0.00
9.10	0.25	3,410	166.46	0.00
9.20	0.26	3,502	166.48	0.00
9.30	0.28	3,599	166.49	0.00
9.40	0.29	3,702	166.50	0.00
9.50	0.31	3,809	166.52	0.00
9.60	0.32	3,922	166.53	0.00
9.70	0.34	4,041	166.55	0.00
9.80	0.35	4,166	166.57	0.00
9.90	0.37	4,296	166.58	0.00
10.00	0.39	4,432	166.60	0.00
10.10	0.40	4,574	166.62	0.00
10.20	0.42	4,721	166.64	0.00
10.30	0.44	4,875	166.66	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.45	5,035	166.68	0.00
10.50	0.47	5,201	166.71	0.00
10.60	0.52	5,378	166.73	0.00
10.70	0.58	5,575	166.76	0.00
10.80	0.64	5,793	166.79	0.00
10.90	0.70	6,031	166.82	0.01
11.00	0.76	6,288	166.85	0.02
11.10	0.86	6,566	166.89	0.05
11.20	0.98	6,873	166.93	0.08
11.30	1.10	7,208	166.98	0.13
11.40	1.22	7,567	167.03	0.19
11.50	1.32	7,945	167.08	0.26
11.60	1.94	8,410	167.14	0.35
11.70	2.22	9,017	167.22	0.47
11.80	2.96	9,743	167.32	0.59
11.90	4.19	10,779	167.46	0.72
12.00	7.20	12,489	167.70	0.90
12.10	12.40	15,596	168.12	1.15
12.20	6.55	18,641	168.53	2.52
12.30	3.85	19,330	168.62	3.46
12.40	2.77	19,274	168.62	3.38
12.50	2.48	19,051	168.59	3.06
12.60	1.76	18,783	168.55	2.70
12.70	1.52	18,464	168.51	2.31
12.80	1.39	18,208	168.47	2.03
12.90	1.26	17,994	168.44	1.81
13.00	1.13	17,803	168.42	1.64
13.10	1.00	17,621	168.39	1.50
13.20	0.92	17,446	168.37	1.38
13.30	0.85	17,281	168.35	1.30
13.40	0.78	17,114	168.32	1.26
13.50	0.71	16,931	168.30	1.24
13.60	0.64	16,727	168.27	1.23
13.70	0.61	16,511	168.24	1.22
13.80	0.59	16,291	168.21	1.20
13.90	0.57	16,071	168.18	1.19
14.00	0.55	15,849	168.15	1.17
14.10	0.53	15,627	168.12	1.15
14.20	0.52	15,404	168.09	1.14
14.30	0.50	15,181	168.06	1.12
14.40	0.48	14,956	168.03	1.10
14.50	0.46	14,732	168.00	1.09
14.60	0.44	14,507	167.97	1.07
14.70	0.42	14,282	167.94	1.05
14.80	0.41	14,056	167.91	1.03
14.90	0.39	13,831	167.88	1.02
15.00	0.37	13,605	167.85	1.00
15.10	0.35	13,380	167.82	0.98
15.20	0.34	13,157	167.79	0.96
15.30	0.34	12,938	167.76	0.94
15.40	0.33	12,725	167.73	0.92
15.50	0.33	12,517	167.70	0.90

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	12,314	167.67	0.88
15.70	0.32	12,116	167.65	0.86
15.80	0.31	11,923	167.62	0.84
15.90	0.31	11,735	167.59	0.82
16.00	0.30	11,553	167.57	0.81
16.10	0.30	11,375	167.54	0.79
16.20	0.30	11,202	167.52	0.77
16.30	0.29	11,034	167.50	0.75
16.40	0.29	10,871	167.48	0.73
16.50	0.28	10,713	167.45	0.71
16.60	0.28	10,560	167.43	0.70
16.70	0.27	10,411	167.41	0.68
16.80	0.27	10,267	167.39	0.66
16.90	0.26	10,128	167.38	0.64
17.00	0.26	9,994	167.36	0.62
17.10	0.25	9,864	167.34	0.61
17.20	0.25	9,739	167.32	0.59
17.30	0.24	9,618	167.31	0.57
17.40	0.24	9,500	167.29	0.56
17.50	0.23	9,387	167.27	0.54
17.60	0.23	9,279	167.26	0.52
17.70	0.22	9,175	167.25	0.50
17.80	0.22	9,076	167.23	0.48
17.90	0.21	8,983	167.22	0.47
18.00	0.21	8,893	167.21	0.45
18.10	0.20	8,809	167.20	0.43
18.20	0.20	8,728	167.19	0.42
18.30	0.20	8,654	167.17	0.40
18.40	0.20	8,584	167.17	0.39
18.50	0.20	8,518	167.16	0.37
18.60	0.20	8,457	167.15	0.36
18.70	0.19	8,400	167.14	0.35
18.80	0.19	8,346	167.13	0.34
18.90	0.19	8,296	167.13	0.33
19.00	0.19	8,249	167.12	0.32
19.10	0.19	8,204	167.11	0.31
19.20	0.19	8,163	167.11	0.30
19.30	0.19	8,124	167.10	0.29
19.40	0.19	8,087	167.10	0.28
19.50	0.18	8,052	167.09	0.28
19.60	0.18	8,020	167.09	0.27
19.70	0.18	7,989	167.08	0.27
19.80	0.18	7,960	167.08	0.26
19.90	0.18	7,932	167.08	0.25
20.00	0.18	7,906	167.07	0.25
20.10	0.18	7,881	167.07	0.24
20.20	0.18	7,857	167.07	0.24
20.30	0.17	7,835	167.06	0.24
20.40	0.17	7,813	167.06	0.23
20.50	0.17	7,793	167.06	0.23
20.60	0.17	7,773	167.06	0.22
20.70	0.17	7,754	167.05	0.22

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	7,736	167.05	0.22
20.90	0.17	7,719	167.05	0.21
21.00	0.17	7,703	167.05	0.21
21.10	0.16	7,687	167.04	0.21
21.20	0.16	7,671	167.04	0.21
21.30	0.16	7,657	167.04	0.20
21.40	0.16	7,643	167.04	0.20
21.50	0.16	7,629	167.04	0.20
21.60	0.16	7,615	167.03	0.20
21.70	0.16	7,602	167.03	0.19
21.80	0.16	7,590	167.03	0.19
21.90	0.16	7,578	167.03	0.19
22.00	0.15	7,566	167.03	0.19
22.10	0.15	7,554	167.03	0.18
22.20	0.15	7,542	167.02	0.18
22.30	0.15	7,531	167.02	0.18
22.40	0.15	7,520	167.02	0.18
22.50	0.15	7,510	167.02	0.18
22.60	0.15	7,499	167.02	0.18
22.70	0.15	7,489	167.02	0.17
22.80	0.14	7,479	167.02	0.17
22.90	0.14	7,469	167.01	0.17
23.00	0.14	7,459	167.01	0.17
23.10	0.14	7,450	167.01	0.17
23.20	0.14	7,440	167.01	0.17
23.30	0.14	7,431	167.01	0.16
23.40	0.14	7,422	167.01	0.16
23.50	0.14	7,413	167.01	0.16
23.60	0.13	7,404	167.01	0.16
23.70	0.13	7,395	167.00	0.16
23.80	0.13	7,386	167.00	0.16
23.90	0.13	7,377	167.00	0.15
24.00	0.15	7,373	167.00	0.15
24.10	0.03	7,354	167.00	0.15
24.20	0.00	7,305	166.99	0.14
24.30	0.00	7,255	166.99	0.14
24.40	0.00	7,208	166.98	0.13
24.50	0.00	7,163	166.97	0.12
24.60	0.00	7,121	166.97	0.11
24.70	0.00	7,080	166.96	0.11
24.80	0.00	7,042	166.96	0.10
24.90	0.00	7,006	166.95	0.10
25.00	0.00	6,971	166.95	0.09
25.10	0.00	6,938	166.94	0.09
25.20	0.00	6,907	166.94	0.09
25.30	0.00	6,877	166.93	0.08
25.40	0.00	6,848	166.93	0.08
25.50	0.00	6,820	166.93	0.07
25.60	0.00	6,794	166.92	0.07
25.70	0.00	6,769	166.92	0.07
25.80	0.00	6,745	166.92	0.07
25.90	0.00	6,722	166.91	0.06

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,700	166.91	0.06
26.10	0.00	6,678	166.91	0.06
26.20	0.00	6,658	166.90	0.06
26.30	0.00	6,638	166.90	0.05
26.40	0.00	6,619	166.90	0.05
26.50	0.00	6,600	166.90	0.05
26.60	0.00	6,583	166.89	0.05
26.70	0.00	6,565	166.89	0.05
26.80	0.00	6,549	166.89	0.04
26.90	0.00	6,533	166.89	0.04
27.00	0.00	6,518	166.88	0.04
27.10	0.00	6,503	166.88	0.04
27.20	0.00	6,489	166.88	0.04
27.30	0.00	6,475	166.88	0.04
27.40	0.00	6,462	166.88	0.04
27.50	0.00	6,449	166.88	0.04
27.60	0.00	6,436	166.87	0.03
27.70	0.00	6,424	166.87	0.03
27.80	0.00	6,412	166.87	0.03
27.90	0.00	6,401	166.87	0.03
28.00	0.00	6,389	166.87	0.03
28.10	0.00	6,378	166.87	0.03
28.20	0.00	6,368	166.86	0.03
28.30	0.00	6,357	166.86	0.03
28.40	0.00	6,347	166.86	0.03
28.50	0.00	6,337	166.86	0.03
28.60	0.00	6,328	166.86	0.03
28.70	0.00	6,318	166.86	0.03
28.80	0.00	6,309	166.86	0.02
28.90	0.00	6,300	166.86	0.02
29.00	0.00	6,292	166.85	0.02
29.10	0.00	6,283	166.85	0.02
29.20	0.00	6,275	166.85	0.02
29.30	0.00	6,267	166.85	0.02
29.40	0.00	6,259	166.85	0.02
29.50	0.00	6,252	166.85	0.02
29.60	0.00	6,245	166.85	0.02
29.70	0.00	6,237	166.85	0.02
29.80	0.00	6,230	166.85	0.02
29.90	0.00	6,224	166.85	0.02
30.00	0.00	6,217	166.84	0.02
30.10	0.00	6,211	166.84	0.02
30.20	0.00	6,205	166.84	0.02
30.30	0.00	6,198	166.84	0.02
30.40	0.00	6,193	166.84	0.02
30.50	0.00	6,187	166.84	0.02
30.60	0.00	6,181	166.84	0.02
30.70	0.00	6,176	166.84	0.02
30.80	0.00	6,170	166.84	0.02
30.90	0.00	6,165	166.84	0.01
31.00	0.00	6,160	166.84	0.01
31.10	0.00	6,154	166.84	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,149	166.83	0.01
31.30	0.00	6,144	166.83	0.01
31.40	0.00	6,139	166.83	0.01
31.50	0.00	6,134	166.83	0.01
31.60	0.00	6,130	166.83	0.01
31.70	0.00	6,125	166.83	0.01
31.80	0.00	6,120	166.83	0.01
31.90	0.00	6,116	166.83	0.01
32.00	0.00	6,111	166.83	0.01
32.10	0.00	6,107	166.83	0.01
32.20	0.00	6,102	166.83	0.01
32.30	0.00	6,098	166.83	0.01
32.40	0.00	6,094	166.83	0.01
32.50	0.00	6,090	166.83	0.01
32.60	0.00	6,085	166.83	0.01
32.70	0.00	6,081	166.83	0.01
32.80	0.00	6,077	166.83	0.01
32.90	0.00	6,073	166.82	0.01
33.00	0.00	6,070	166.82	0.01
33.10	0.00	6,066	166.82	0.01
33.20	0.00	6,062	166.82	0.01
33.30	0.00	6,058	166.82	0.01
33.40	0.00	6,055	166.82	0.01
33.50	0.00	6,051	166.82	0.01
33.60	0.00	6,048	166.82	0.01
33.70	0.00	6,044	166.82	0.01
33.80	0.00	6,041	166.82	0.01
33.90	0.00	6,037	166.82	0.01
34.00	0.00	6,034	166.82	0.01
34.10	0.00	6,031	166.82	0.01
34.20	0.00	6,028	166.82	0.01
34.30	0.00	6,024	166.82	0.01
34.40	0.00	6,021	166.82	0.01
34.50	0.00	6,018	166.82	0.01
34.60	0.00	6,015	166.82	0.01
34.70	0.00	6,012	166.82	0.01
34.80	0.00	6,009	166.82	0.01
34.90	0.00	6,007	166.82	0.01
35.00	0.00	6,004	166.82	0.01
35.10	0.00	6,001	166.81	0.01
35.20	0.00	5,998	166.81	0.01
35.30	0.00	5,995	166.81	0.01
35.40	0.00	5,993	166.81	0.01
35.50	0.00	5,990	166.81	0.01
35.60	0.00	5,988	166.81	0.01
35.70	0.00	5,985	166.81	0.01
35.80	0.00	5,983	166.81	0.01
35.90	0.00	5,980	166.81	0.01
36.00	0.00	5,978	166.81	0.01
36.10	0.00	5,975	166.81	0.01
36.20	0.00	5,973	166.81	0.01
36.30	0.00	5,971	166.81	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,968	166.81	0.01
36.50	0.00	5,966	166.81	0.01
36.60	0.00	5,964	166.81	0.01
36.70	0.00	5,962	166.81	0.01
36.80	0.00	5,960	166.81	0.01
36.90	0.00	5,958	166.81	0.01
37.00	0.00	5,955	166.81	0.01
37.10	0.00	5,953	166.81	0.01
37.20	0.00	5,951	166.81	0.01
37.30	0.00	5,949	166.81	0.01
37.40	0.00	5,948	166.81	0.01
37.50	0.00	5,946	166.81	0.01
37.60	0.00	5,944	166.81	0.01
37.70	0.00	5,942	166.81	0.01
37.80	0.00	5,940	166.81	0.01
37.90	0.00	5,938	166.81	0.00
38.00	0.00	5,936	166.81	0.00
38.10	0.00	5,935	166.81	0.00
38.20	0.00	5,933	166.81	0.00
38.30	0.00	5,931	166.81	0.00
38.40	0.00	5,930	166.81	0.00
38.50	0.00	5,928	166.80	0.00
38.60	0.00	5,926	166.80	0.00
38.70	0.00	5,925	166.80	0.00
38.80	0.00	5,923	166.80	0.00
38.90	0.00	5,922	166.80	0.00
39.00	0.00	5,920	166.80	0.00
39.10	0.00	5,919	166.80	0.00
39.20	0.00	5,917	166.80	0.00
39.30	0.00	5,916	166.80	0.00
39.40	0.00	5,914	166.80	0.00
39.50	0.00	5,913	166.80	0.00
39.60	0.00	5,912	166.80	0.00
39.70	0.00	5,910	166.80	0.00
39.80	0.00	5,909	166.80	0.00
39.90	0.00	5,908	166.80	0.00
40.00	0.00	5,906	166.80	0.00

Stage-Discharge for Pond B-45: Basin #45

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.20	167.56	0.80
166.01	0.00	166.53	0.00	167.05	0.22	167.57	0.81
166.02	0.00	166.54	0.00	167.06	0.23	167.58	0.81
166.03	0.00	166.55	0.00	167.07	0.24	167.59	0.82
166.04	0.00	166.56	0.00	167.08	0.26	167.60	0.83
166.05	0.00	166.57	0.00	167.09	0.27	167.61	0.84
166.06	0.00	166.58	0.00	167.10	0.29	167.62	0.84
166.07	0.00	166.59	0.00	167.11	0.30	167.63	0.85
166.08	0.00	166.60	0.00	167.12	0.32	167.64	0.86
166.09	0.00	166.61	0.00	167.13	0.33	167.65	0.87
166.10	0.00	166.62	0.00	167.14	0.35	167.66	0.87
166.11	0.00	166.63	0.00	167.15	0.36	167.67	0.88
166.12	0.00	166.64	0.00	167.16	0.38	167.68	0.89
166.13	0.00	166.65	0.00	167.17	0.39	167.69	0.89
166.14	0.00	166.66	0.00	167.18	0.41	167.70	0.90
166.15	0.00	166.67	0.00	167.19	0.42	167.71	0.91
166.16	0.00	166.68	0.00	167.20	0.44	167.72	0.91
166.17	0.00	166.69	0.00	167.21	0.45	167.73	0.92
166.18	0.00	166.70	0.00	167.22	0.47	167.74	0.93
166.19	0.00	166.71	0.00	167.23	0.48	167.75	0.93
166.20	0.00	166.72	0.00	167.24	0.50	167.76	0.94
166.21	0.00	166.73	0.00	167.25	0.51	167.77	0.95
166.22	0.00	166.74	0.00	167.26	0.52	167.78	0.95
166.23	0.00	166.75	0.00	167.27	0.54	167.79	0.96
166.24	0.00	166.76	0.00	167.28	0.55	167.80	0.97
166.25	0.00	166.77	0.00	167.29	0.56	167.81	0.97
166.26	0.00	166.78	0.00	167.30	0.57	167.82	0.98
166.27	0.00	166.79	0.00	167.31	0.58	167.83	0.99
166.28	0.00	166.80	0.00	167.32	0.59	167.84	0.99
166.29	0.00	166.81	0.01	167.33	0.60	167.85	1.00
166.30	0.00	166.82	0.01	167.34	0.61	167.86	1.00
166.31	0.00	166.83	0.01	167.35	0.62	167.87	1.01
166.32	0.00	166.84	0.02	167.36	0.63	167.88	1.02
166.33	0.00	166.85	0.02	167.37	0.64	167.89	1.02
166.34	0.00	166.86	0.03	167.38	0.65	167.90	1.03
166.35	0.00	166.87	0.03	167.39	0.66	167.91	1.03
166.36	0.00	166.88	0.04	167.40	0.66	167.92	1.04
166.37	0.00	166.89	0.04	167.41	0.67	167.93	1.05
166.38	0.00	166.90	0.05	167.42	0.68	167.94	1.05
166.39	0.00	166.91	0.06	167.43	0.69	167.95	1.06
166.40	0.00	166.92	0.07	167.44	0.70	167.96	1.06
166.41	0.00	166.93	0.08	167.45	0.71	167.97	1.07
166.42	0.00	166.94	0.09	167.46	0.72	167.98	1.08
166.43	0.00	166.95	0.10	167.47	0.73	167.99	1.08
166.44	0.00	166.96	0.11	167.48	0.74	168.00	1.09
166.45	0.00	166.97	0.12	167.49	0.74	168.01	1.09
166.46	0.00	166.98	0.13	167.50	0.75	168.02	1.10
166.47	0.00	166.99	0.14	167.51	0.76	168.03	1.10
166.48	0.00	167.00	0.15	167.52	0.77	168.04	1.11
166.49	0.00	167.01	0.16	167.53	0.78	168.05	1.11
166.50	0.00	167.02	0.18	167.54	0.78	168.06	1.12
166.51	0.00	167.03	0.19	167.55	0.79	168.07	1.13

Stage-Discharge for Pond B-45: Basin #45 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	1.13	168.60	3.20	169.12	10.42	169.64	22.29
168.09	1.14	168.61	3.30	169.13	10.59	169.65	22.99
168.10	1.14	168.62	3.41	169.14	10.76	169.66	23.71
168.11	1.15	168.63	3.52	169.15	10.93	169.67	24.46
168.12	1.15	168.64	3.63	169.16	11.10	169.68	25.22
168.13	1.16	168.65	3.74	169.17	11.27	169.69	26.01
168.14	1.16	168.66	3.85	169.18	11.44	169.70	26.82
168.15	1.17	168.67	3.97	169.19	11.61	169.71	27.69
168.16	1.17	168.68	4.08	169.20	11.78	169.72	28.58
168.17	1.18	168.69	4.20	169.21	11.96	169.73	29.50
168.18	1.18	168.70	4.32	169.22	12.13	169.74	30.45
168.19	1.19	168.71	4.44	169.23	12.31	169.75	31.42
168.20	1.19	168.72	4.56	169.24	12.48	169.76	32.42
168.21	1.20	168.73	4.68	169.25	12.66	169.77	33.44
168.22	1.20	168.74	4.81	169.26	12.84	169.78	34.48
168.23	1.21	168.75	4.94	169.27	13.02	169.79	35.55
168.24	1.22	168.76	5.06	169.28	13.20	169.80	36.65
168.25	1.22	168.77	5.19	169.29	13.38	169.81	37.76
168.26	1.23	168.78	5.32	169.30	13.56	169.82	38.91
168.27	1.23	168.79	5.45	169.31	13.74	169.83	40.08
168.28	1.24	168.80	5.59	169.32	13.92	169.84	41.27
168.29	1.24	168.81	5.72	169.33	14.10	169.85	42.48
168.30	1.25	168.82	5.86	169.34	14.29	169.86	43.72
168.31	1.25	168.83	5.99	169.35	14.47	169.87	44.99
168.32	1.25	168.84	6.13	169.36	14.66	169.88	46.28
168.33	1.26	168.85	6.27	169.37	14.84	169.89	47.59
168.34	1.28	168.86	6.41	169.38	15.03	169.90	48.93
168.35	1.31	168.87	6.55	169.39	15.22	169.91	50.31
168.36	1.34	168.88	6.69	169.40	15.41	169.92	51.73
168.37	1.38	168.89	6.84	169.41	15.60	169.93	53.17
168.38	1.43	168.90	6.98	169.42	15.62	169.94	54.63
168.39	1.48	168.91	7.13	169.43	15.64	169.95	56.12
168.40	1.53	168.92	7.27	169.44	15.67	169.96	57.64
168.41	1.59	168.93	7.42	169.45	15.69	169.97	59.19
168.42	1.65	168.94	7.57	169.46	15.71	169.98	60.76
168.43	1.72	168.95	7.72	169.47	15.74	169.99	62.35
168.44	1.79	168.96	7.87	169.48	15.76	170.00	63.98
168.45	1.86	168.97	8.02	169.49	15.78		
168.46	1.93	168.98	8.18	169.50	15.80		
168.47	2.01	168.99	8.33	169.51	15.94		
168.48	2.09	169.00	8.49	169.52	16.18		
168.49	2.17	169.01	8.64	169.53	16.48		
168.50	2.25	169.02	8.80	169.54	16.83		
168.51	2.33	169.03	8.96	169.55	17.23		
168.52	2.42	169.04	9.12	169.56	17.67		
168.53	2.51	169.05	9.28	169.57	18.14		
168.54	2.60	169.06	9.44	169.58	18.64		
168.55	2.70	169.07	9.60	169.59	19.18		
168.56	2.79	169.08	9.76	169.60	19.75		
168.57	2.89	169.09	9.93	169.61	20.35		
168.58	2.99	169.10	10.09	169.62	20.97		
168.59	3.09	169.11	10.26	169.63	21.62		

Stage-Area-Storage for Pond B-45: Basin #45

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,365	0	166.52	7,365	3,830
166.01	7,365	74	166.53	7,365	3,903
166.02	7,365	147	166.54	7,365	3,977
166.03	7,365	221	166.55	7,365	4,051
166.04	7,365	295	166.56	7,365	4,124
166.05	7,365	368	166.57	7,365	4,198
166.06	7,365	442	166.58	7,365	4,272
166.07	7,365	516	166.59	7,365	4,345
166.08	7,365	589	166.60	7,365	4,419
166.09	7,365	663	166.61	7,365	4,493
166.10	7,365	736	166.62	7,365	4,566
166.11	7,365	810	166.63	7,365	4,640
166.12	7,365	884	166.64	7,365	4,714
166.13	7,365	957	166.65	7,365	4,787
166.14	7,365	1,031	166.66	7,365	4,861
166.15	7,365	1,105	166.67	7,365	4,935
166.16	7,365	1,178	166.68	7,365	5,008
166.17	7,365	1,252	166.69	7,365	5,082
166.18	7,365	1,326	166.70	7,365	5,155
166.19	7,365	1,399	166.71	7,365	5,229
166.20	7,365	1,473	166.72	7,365	5,303
166.21	7,365	1,547	166.73	7,365	5,376
166.22	7,365	1,620	166.74	7,365	5,450
166.23	7,365	1,694	166.75	7,365	5,524
166.24	7,365	1,768	166.76	7,365	5,597
166.25	7,365	1,841	166.77	7,365	5,671
166.26	7,365	1,915	166.78	7,365	5,745
166.27	7,365	1,989	166.79	7,365	5,818
166.28	7,365	2,062	166.80	7,365	5,892
166.29	7,365	2,136	166.81	7,365	5,966
166.30	7,365	2,210	166.82	7,365	6,039
166.31	7,365	2,283	166.83	7,365	6,113
166.32	7,365	2,357	166.84	7,365	6,187
166.33	7,365	2,430	166.85	7,365	6,260
166.34	7,365	2,504	166.86	7,365	6,334
166.35	7,365	2,578	166.87	7,365	6,408
166.36	7,365	2,651	166.88	7,365	6,481
166.37	7,365	2,725	166.89	7,365	6,555
166.38	7,365	2,799	166.90	7,365	6,629
166.39	7,365	2,872	166.91	7,365	6,702
166.40	7,365	2,946	166.92	7,365	6,776
166.41	7,365	3,020	166.93	7,365	6,849
166.42	7,365	3,093	166.94	7,365	6,923
166.43	7,365	3,167	166.95	7,365	6,997
166.44	7,365	3,241	166.96	7,365	7,070
166.45	7,365	3,314	166.97	7,365	7,144
166.46	7,365	3,388	166.98	7,365	7,218
166.47	7,365	3,462	166.99	7,365	7,291
166.48	7,365	3,535	167.00	7,365	7,365
166.49	7,365	3,609	167.01	7,365	7,439
166.50	7,365	3,683	167.02	7,365	7,512
166.51	7,365	3,756	167.03	7,365	7,586

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,365	7,660	167.56	7,365	11,489
167.05	7,365	7,733	167.57	7,365	11,563
167.06	7,365	7,807	167.58	7,365	11,637
167.07	7,365	7,881	167.59	7,365	11,710
167.08	7,365	7,954	167.60	7,365	11,784
167.09	7,365	8,028	167.61	7,365	11,858
167.10	7,365	8,101	167.62	7,365	11,931
167.11	7,365	8,175	167.63	7,365	12,005
167.12	7,365	8,249	167.64	7,365	12,079
167.13	7,365	8,322	167.65	7,365	12,152
167.14	7,365	8,396	167.66	7,365	12,226
167.15	7,365	8,470	167.67	7,365	12,300
167.16	7,365	8,543	167.68	7,365	12,373
167.17	7,365	8,617	167.69	7,365	12,447
167.18	7,365	8,691	167.70	7,365	12,520
167.19	7,365	8,764	167.71	7,365	12,594
167.20	7,365	8,838	167.72	7,365	12,668
167.21	7,365	8,912	167.73	7,365	12,741
167.22	7,365	8,985	167.74	7,365	12,815
167.23	7,365	9,059	167.75	7,365	12,889
167.24	7,365	9,133	167.76	7,365	12,962
167.25	7,365	9,206	167.77	7,365	13,036
167.26	7,365	9,280	167.78	7,365	13,110
167.27	7,365	9,354	167.79	7,365	13,183
167.28	7,365	9,427	167.80	7,365	13,257
167.29	7,365	9,501	167.81	7,365	13,331
167.30	7,365	9,575	167.82	7,365	13,404
167.31	7,365	9,648	167.83	7,365	13,478
167.32	7,365	9,722	167.84	7,365	13,552
167.33	7,365	9,795	167.85	7,365	13,625
167.34	7,365	9,869	167.86	7,365	13,699
167.35	7,365	9,943	167.87	7,365	13,773
167.36	7,365	10,016	167.88	7,365	13,846
167.37	7,365	10,090	167.89	7,365	13,920
167.38	7,365	10,164	167.90	7,365	13,994
167.39	7,365	10,237	167.91	7,365	14,067
167.40	7,365	10,311	167.92	7,365	14,141
167.41	7,365	10,385	167.93	7,365	14,214
167.42	7,365	10,458	167.94	7,365	14,288
167.43	7,365	10,532	167.95	7,365	14,362
167.44	7,365	10,606	167.96	7,365	14,435
167.45	7,365	10,679	167.97	7,365	14,509
167.46	7,365	10,753	167.98	7,365	14,583
167.47	7,365	10,827	167.99	7,365	14,656
167.48	7,365	10,900	168.00	7,365	14,730
167.49	7,365	10,974	168.01	7,365	14,804
167.50	7,365	11,048	168.02	7,365	14,877
167.51	7,365	11,121	168.03	7,365	14,951
167.52	7,365	11,195	168.04	7,365	15,025
167.53	7,365	11,268	168.05	7,365	15,098
167.54	7,365	11,342	168.06	7,365	15,172
167.55	7,365	11,416	168.07	7,365	15,246

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,365	15,319	168.60	7,365	19,149
168.09	7,365	15,393	168.61	7,365	19,223
168.10	7,365	15,466	168.62	7,365	19,296
168.11	7,365	15,540	168.63	7,365	19,370
168.12	7,365	15,614	168.64	7,365	19,444
168.13	7,365	15,687	168.65	7,365	19,517
168.14	7,365	15,761	168.66	7,365	19,591
168.15	7,365	15,835	168.67	7,365	19,665
168.16	7,365	15,908	168.68	7,365	19,738
168.17	7,365	15,982	168.69	7,365	19,812
168.18	7,365	16,056	168.70	7,365	19,885
168.19	7,365	16,129	168.71	7,365	19,959
168.20	7,365	16,203	168.72	7,365	20,033
168.21	7,365	16,277	168.73	7,365	20,106
168.22	7,365	16,350	168.74	7,365	20,180
168.23	7,365	16,424	168.75	7,365	20,254
168.24	7,365	16,498	168.76	7,365	20,327
168.25	7,365	16,571	168.77	7,365	20,401
168.26	7,365	16,645	168.78	7,365	20,475
168.27	7,365	16,719	168.79	7,365	20,548
168.28	7,365	16,792	168.80	7,365	20,622
168.29	7,365	16,866	168.81	7,365	20,696
168.30	7,365	16,940	168.82	7,365	20,769
168.31	7,365	17,013	168.83	7,365	20,843
168.32	7,365	17,087	168.84	7,365	20,917
168.33	7,365	17,160	168.85	7,365	20,990
168.34	7,365	17,234	168.86	7,365	21,064
168.35	7,365	17,308	168.87	7,365	21,138
168.36	7,365	17,381	168.88	7,365	21,211
168.37	7,365	17,455	168.89	7,365	21,285
168.38	7,365	17,529	168.90	7,365	21,359
168.39	7,365	17,602	168.91	7,365	21,432
168.40	7,365	17,676	168.92	7,365	21,506
168.41	7,365	17,750	168.93	7,365	21,579
168.42	7,365	17,823	168.94	7,365	21,653
168.43	7,365	17,897	168.95	7,365	21,727
168.44	7,365	17,971	168.96	7,365	21,800
168.45	7,365	18,044	168.97	7,365	21,874
168.46	7,365	18,118	168.98	7,365	21,948
168.47	7,365	18,192	168.99	7,365	22,021
168.48	7,365	18,265	169.00	7,365	22,095
168.49	7,365	18,339	169.01	7,365	22,169
168.50	7,365	18,413	169.02	7,365	22,242
168.51	7,365	18,486	169.03	7,365	22,316
168.52	7,365	18,560	169.04	7,365	22,390
168.53	7,365	18,633	169.05	7,365	22,463
168.54	7,365	18,707	169.06	7,365	22,537
168.55	7,365	18,781	169.07	7,365	22,611
168.56	7,365	18,854	169.08	7,365	22,684
168.57	7,365	18,928	169.09	7,365	22,758
168.58	7,365	19,002	169.10	7,365	22,831
168.59	7,365	19,075	169.11	7,365	22,905

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,365	22,979	169.64	7,365	26,809
169.13	7,365	23,052	169.65	7,365	26,882
169.14	7,365	23,126	169.66	7,365	26,956
169.15	7,365	23,200	169.67	7,365	27,030
169.16	7,365	23,273	169.68	7,365	27,103
169.17	7,365	23,347	169.69	7,365	27,177
169.18	7,365	23,421	169.70	7,365	27,250
169.19	7,365	23,494	169.71	7,365	27,324
169.20	7,365	23,568	169.72	7,365	27,398
169.21	7,365	23,642	169.73	7,365	27,471
169.22	7,365	23,715	169.74	7,365	27,545
169.23	7,365	23,789	169.75	7,365	27,619
169.24	7,365	23,863	169.76	7,365	27,692
169.25	7,365	23,936	169.77	7,365	27,766
169.26	7,365	24,010	169.78	7,365	27,840
169.27	7,365	24,084	169.79	7,365	27,913
169.28	7,365	24,157	169.80	7,365	27,987
169.29	7,365	24,231	169.81	7,365	28,061
169.30	7,365	24,305	169.82	7,365	28,134
169.31	7,365	24,378	169.83	7,365	28,208
169.32	7,365	24,452	169.84	7,365	28,282
169.33	7,365	24,525	169.85	7,365	28,355
169.34	7,365	24,599	169.86	7,365	28,429
169.35	7,365	24,673	169.87	7,365	28,503
169.36	7,365	24,746	169.88	7,365	28,576
169.37	7,365	24,820	169.89	7,365	28,650
169.38	7,365	24,894	169.90	7,365	28,724
169.39	7,365	24,967	169.91	7,365	28,797
169.40	7,365	25,041	169.92	7,365	28,871
169.41	7,365	25,115	169.93	7,365	28,944
169.42	7,365	25,188	169.94	7,365	29,018
169.43	7,365	25,262	169.95	7,365	29,092
169.44	7,365	25,336	169.96	7,365	29,165
169.45	7,365	25,409	169.97	7,365	29,239
169.46	7,365	25,483	169.98	7,365	29,313
169.47	7,365	25,557	169.99	7,365	29,386
169.48	7,365	25,630	170.00	7,365	29,460
169.49	7,365	25,704			
169.50	7,365	25,778			
169.51	7,365	25,851			
169.52	7,365	25,925			
169.53	7,365	25,998			
169.54	7,365	26,072			
169.55	7,365	26,146			
169.56	7,365	26,219			
169.57	7,365	26,293			
169.58	7,365	26,367			
169.59	7,365	26,440			
169.60	7,365	26,514			
169.61	7,365	26,588			
169.62	7,365	26,661			
169.63	7,365	26,735			

Summary for Pond B-46A: Basin #46A

Inflow Area = 2.480 ac, 46.25% Impervious, Inflow Depth = 4.20" for Future 10 yr event
 Inflow = 13.84 cfs @ 12.08 hrs, Volume= 0.869 af
 Outflow = 4.14 cfs @ 12.25 hrs, Volume= 0.681 af, Atten= 70%, Lag= 9.8 min
 Primary = 4.14 cfs @ 12.25 hrs, Volume= 0.681 af
 Routed to Pond B-46B : Basin #46B

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 182.51' @ 12.25 hrs Surf.Area= 8,722 sf Storage= 17,776 cf

Plug-Flow detention time= 221.6 min calculated for 0.680 af (78% of inflow)
 Center-of-Mass det. time= 137.4 min (914.0 - 776.6)

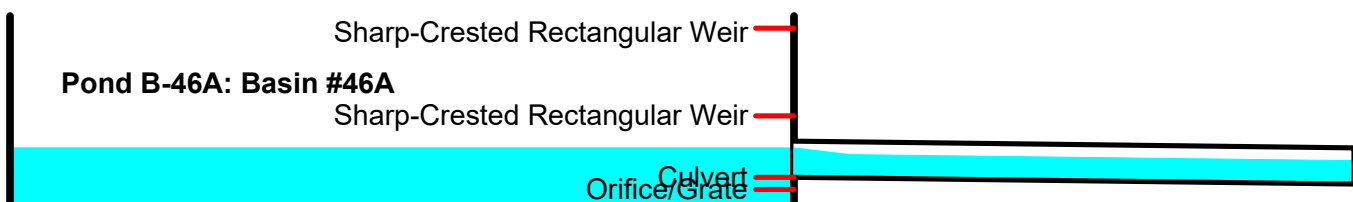
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	96,530 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,720	0	0
181.00	6,639	6,180	6,180
182.00	7,998	7,319	13,498
183.00	9,413	8,706	22,204
184.00	12,515	10,964	33,168
185.00	14,128	13,322	46,489
186.00	15,798	14,963	61,452
187.00	17,524	16,661	78,113
188.00	19,310	18,417	96,530

Device	Routing	Invert	Outlet Devices
#1	Primary	187.50'	50.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s) 0.5' Crest Height
#2	Device 1	180.77'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	183.84'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.28'	18.0" Round Culvert L= 56.0' Ke= 1.000 Inlet / Outlet Invert= 181.28' / 181.00' S= 0.0050 ' /' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf

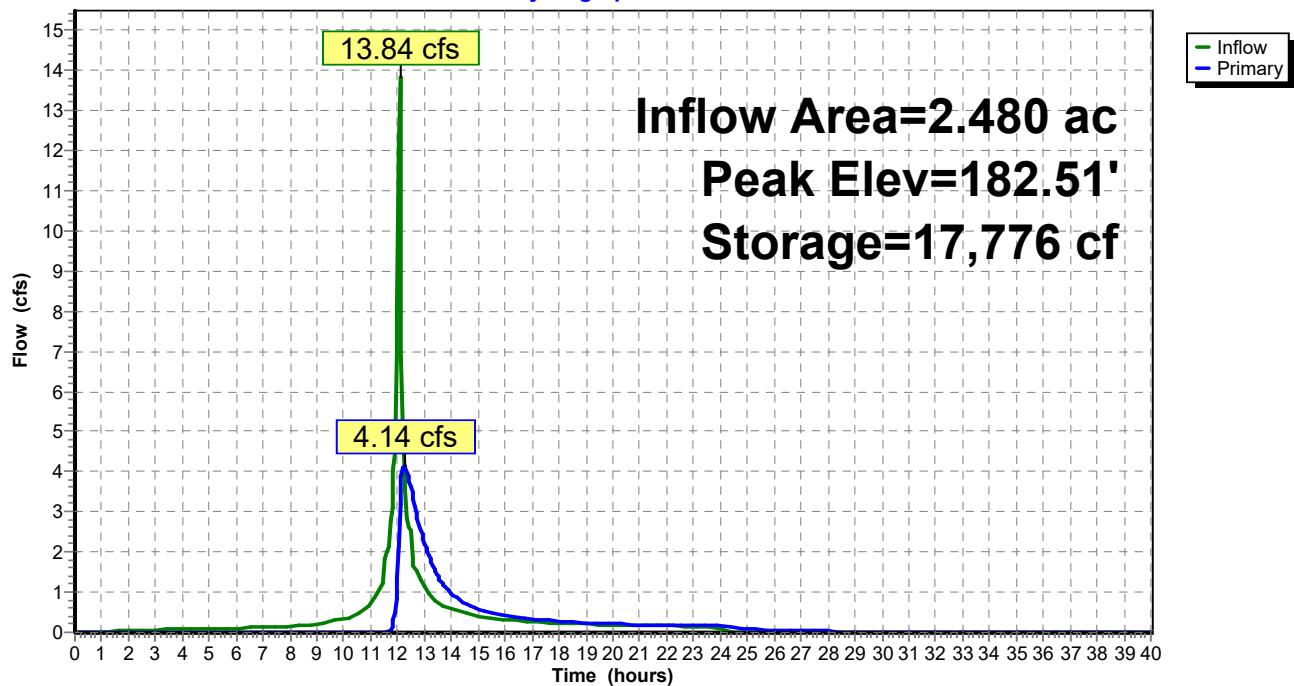
Primary OutFlow Max=4.14 cfs @ 12.25 hrs HW=182.51' (Free Discharge)

- 1=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Culvert (Barrel Controls 4.14 cfs @ 3.63 fps)



Pond B-46A: Basin #46A

Hydrograph



Hydrograph for Pond B-46A: Basin #46A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.01	1	180.00	0.00
0.90	0.01	4	180.00	0.00
1.00	0.01	8	180.00	0.00
1.10	0.02	13	180.00	0.00
1.20	0.02	20	180.00	0.00
1.30	0.02	28	180.00	0.00
1.40	0.03	37	180.01	0.00
1.50	0.03	47	180.01	0.00
1.60	0.03	58	180.01	0.00
1.70	0.03	70	180.01	0.00
1.80	0.04	82	180.01	0.00
1.90	0.04	96	180.02	0.00
2.00	0.04	111	180.02	0.00
2.10	0.04	126	180.02	0.00
2.20	0.05	143	180.02	0.00
2.30	0.05	160	180.03	0.00
2.40	0.05	177	180.03	0.00
2.50	0.05	196	180.03	0.00
2.60	0.05	215	180.04	0.00
2.70	0.06	235	180.04	0.00
2.80	0.06	255	180.04	0.00
2.90	0.06	276	180.05	0.00
3.00	0.06	298	180.05	0.00
3.10	0.06	320	180.06	0.00
3.20	0.06	342	180.06	0.00
3.30	0.07	366	180.06	0.00
3.40	0.07	389	180.07	0.00
3.50	0.07	414	180.07	0.00
3.60	0.07	439	180.08	0.00
3.70	0.07	464	180.08	0.00
3.80	0.07	490	180.09	0.00
3.90	0.07	516	180.09	0.00
4.00	0.07	543	180.09	0.00
4.10	0.08	570	180.10	0.00
4.20	0.08	598	180.10	0.00
4.30	0.08	626	180.11	0.00
4.40	0.08	655	180.11	0.00
4.50	0.08	683	180.12	0.00
4.60	0.08	713	180.12	0.00
4.70	0.08	743	180.13	0.00
4.80	0.08	773	180.13	0.00
4.90	0.09	803	180.14	0.00
5.00	0.09	834	180.14	0.00
5.10	0.09	866	180.15	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.09	897	180.15	0.00
5.30	0.09	929	180.16	0.00
5.40	0.09	962	180.17	0.00
5.50	0.09	995	180.17	0.00
5.60	0.09	1,028	180.18	0.00
5.70	0.09	1,061	180.18	0.00
5.80	0.09	1,095	180.19	0.00
5.90	0.10	1,130	180.19	0.00
6.00	0.10	1,164	180.20	0.00
6.10	0.10	1,200	180.21	0.00
6.20	0.10	1,236	180.21	0.00
6.30	0.10	1,273	180.22	0.00
6.40	0.11	1,312	180.23	0.00
6.50	0.11	1,351	180.23	0.00
6.60	0.11	1,391	180.24	0.00
6.70	0.12	1,433	180.25	0.00
6.80	0.12	1,475	180.25	0.00
6.90	0.12	1,518	180.26	0.00
7.00	0.12	1,563	180.27	0.00
7.10	0.13	1,608	180.27	0.00
7.20	0.13	1,655	180.28	0.00
7.30	0.13	1,702	180.29	0.00
7.40	0.14	1,751	180.30	0.00
7.50	0.14	1,800	180.31	0.00
7.60	0.14	1,851	180.32	0.00
7.70	0.14	1,902	180.32	0.00
7.80	0.15	1,954	180.33	0.00
7.90	0.15	2,008	180.34	0.00
8.00	0.15	2,063	180.35	0.00
8.10	0.16	2,118	180.36	0.00
8.20	0.16	2,175	180.37	0.00
8.30	0.16	2,234	180.38	0.00
8.40	0.17	2,294	180.39	0.00
8.50	0.17	2,355	180.40	0.00
8.60	0.18	2,419	180.41	0.00
8.70	0.18	2,484	180.42	0.00
8.80	0.19	2,551	180.43	0.00
8.90	0.19	2,619	180.44	0.00
9.00	0.20	2,689	180.45	0.00
9.10	0.21	2,763	180.47	0.00
9.20	0.22	2,842	180.48	0.00
9.30	0.24	2,925	180.49	0.00
9.40	0.25	3,013	180.51	0.00
9.50	0.26	3,106	180.52	0.00
9.60	0.28	3,205	180.54	0.00
9.70	0.29	3,308	180.55	0.00
9.80	0.31	3,417	180.57	0.00
9.90	0.32	3,531	180.59	0.00
10.00	0.34	3,651	180.61	0.00
10.10	0.35	3,776	180.63	0.00
10.20	0.37	3,908	180.65	0.00
10.30	0.39	4,045	180.67	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.40	4,188	180.69	0.00
10.50	0.42	4,338	180.72	0.00
10.60	0.48	4,502	180.74	0.00
10.70	0.53	4,686	180.77	0.00
10.80	0.59	4,890	180.80	0.00
10.90	0.65	5,115	180.84	0.00
11.00	0.71	5,361	180.88	0.00
11.10	0.82	5,641	180.92	0.00
11.20	0.93	5,960	180.97	0.00
11.30	1.05	6,320	181.02	0.00
11.40	1.17	6,722	181.08	0.00
11.50	1.29	7,166	181.15	0.00
11.60	2.00	7,790	181.24	0.00
11.70	2.19	8,545	181.34	0.02
11.80	3.08	9,500	181.48	0.15
11.90	4.47	10,791	181.65	0.50
12.00	8.02	12,845	181.92	1.36
12.10	13.39	16,172	182.32	3.19
12.20	4.95	17,723	182.51	4.11
12.30	3.56	17,705	182.50	4.10
12.40	2.64	17,337	182.46	3.88
12.50	2.49	16,906	182.41	3.63
12.60	1.64	16,359	182.35	3.30
12.70	1.53	15,797	182.28	2.97
12.80	1.40	15,302	182.22	2.68
12.90	1.27	14,857	182.17	2.43
13.00	1.14	14,450	182.12	2.20
13.10	1.00	14,074	182.07	2.00
13.20	0.93	13,733	182.03	1.82
13.30	0.86	13,429	181.99	1.66
13.40	0.79	13,152	181.96	1.52
13.50	0.72	12,897	181.92	1.39
13.60	0.65	12,660	181.89	1.28
13.70	0.63	12,447	181.87	1.18
13.80	0.61	12,261	181.84	1.09
13.90	0.59	12,098	181.82	1.02
14.00	0.57	11,951	181.80	0.95
14.10	0.55	11,820	181.79	0.90
14.20	0.53	11,701	181.77	0.85
14.30	0.51	11,593	181.76	0.80
14.40	0.49	11,493	181.74	0.76
14.50	0.48	11,400	181.73	0.72
14.60	0.46	11,312	181.72	0.69
14.70	0.44	11,229	181.71	0.66
14.80	0.42	11,151	181.70	0.63
14.90	0.40	11,077	181.69	0.60
15.00	0.38	11,005	181.68	0.57
15.10	0.36	10,936	181.67	0.55
15.20	0.36	10,872	181.66	0.53
15.30	0.35	10,813	181.65	0.51
15.40	0.35	10,759	181.65	0.49
15.50	0.34	10,709	181.64	0.47

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.34	10,663	181.63	0.46
15.70	0.33	10,621	181.63	0.44
15.80	0.33	10,582	181.62	0.43
15.90	0.32	10,545	181.62	0.42
16.00	0.32	10,511	181.61	0.41
16.10	0.31	10,480	181.61	0.40
16.20	0.31	10,450	181.61	0.39
16.30	0.30	10,421	181.60	0.38
16.40	0.30	10,395	181.60	0.37
16.50	0.29	10,369	181.59	0.36
16.60	0.29	10,343	181.59	0.36
16.70	0.28	10,319	181.59	0.35
16.80	0.28	10,294	181.58	0.34
16.90	0.27	10,271	181.58	0.34
17.00	0.27	10,248	181.58	0.33
17.10	0.26	10,225	181.58	0.32
17.20	0.26	10,203	181.57	0.32
17.30	0.25	10,181	181.57	0.31
17.40	0.25	10,159	181.57	0.31
17.50	0.24	10,138	181.56	0.30
17.60	0.24	10,117	181.56	0.29
17.70	0.23	10,096	181.56	0.29
17.80	0.23	10,075	181.56	0.28
17.90	0.22	10,055	181.55	0.28
18.00	0.22	10,034	181.55	0.27
18.10	0.21	10,014	181.55	0.27
18.20	0.21	9,995	181.54	0.26
18.30	0.21	9,977	181.54	0.26
18.40	0.21	9,960	181.54	0.25
18.50	0.21	9,945	181.54	0.25
18.60	0.20	9,930	181.54	0.24
18.70	0.20	9,917	181.53	0.24
18.80	0.20	9,904	181.53	0.24
18.90	0.20	9,892	181.53	0.23
19.00	0.20	9,881	181.53	0.23
19.10	0.20	9,870	181.53	0.23
19.20	0.20	9,860	181.53	0.22
19.30	0.20	9,850	181.52	0.22
19.40	0.19	9,841	181.52	0.22
19.50	0.19	9,833	181.52	0.22
19.60	0.19	9,824	181.52	0.21
19.70	0.19	9,816	181.52	0.21
19.80	0.19	9,809	181.52	0.21
19.90	0.19	9,801	181.52	0.21
20.00	0.19	9,794	181.52	0.21
20.10	0.19	9,786	181.52	0.21
20.20	0.18	9,779	181.51	0.20
20.30	0.18	9,772	181.51	0.20
20.40	0.18	9,764	181.51	0.20
20.50	0.18	9,757	181.51	0.20
20.60	0.18	9,750	181.51	0.20
20.70	0.18	9,743	181.51	0.20

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.18	9,736	181.51	0.20
20.90	0.17	9,729	181.51	0.19
21.00	0.17	9,723	181.51	0.19
21.10	0.17	9,716	181.51	0.19
21.20	0.17	9,709	181.51	0.19
21.30	0.17	9,702	181.50	0.19
21.40	0.17	9,696	181.50	0.19
21.50	0.17	9,689	181.50	0.19
21.60	0.17	9,682	181.50	0.18
21.70	0.16	9,675	181.50	0.18
21.80	0.16	9,669	181.50	0.18
21.90	0.16	9,663	181.50	0.18
22.00	0.16	9,656	181.50	0.18
22.10	0.16	9,649	181.50	0.18
22.20	0.16	9,643	181.50	0.18
22.30	0.16	9,636	181.50	0.18
22.40	0.16	9,630	181.49	0.17
22.50	0.15	9,623	181.49	0.17
22.60	0.15	9,617	181.49	0.17
22.70	0.15	9,610	181.49	0.17
22.80	0.15	9,604	181.49	0.17
22.90	0.15	9,597	181.49	0.17
23.00	0.15	9,591	181.49	0.17
23.10	0.15	9,585	181.49	0.16
23.20	0.15	9,578	181.49	0.16
23.30	0.14	9,572	181.49	0.16
23.40	0.14	9,565	181.49	0.16
23.50	0.14	9,559	181.48	0.16
23.60	0.14	9,552	181.48	0.16
23.70	0.14	9,546	181.48	0.16
23.80	0.14	9,540	181.48	0.16
23.90	0.14	9,533	181.48	0.15
24.00	0.16	9,534	181.48	0.15
24.10	0.00	9,501	181.48	0.15
24.20	0.00	9,450	181.47	0.14
24.30	0.00	9,402	181.46	0.13
24.40	0.00	9,358	181.46	0.12
24.50	0.00	9,317	181.45	0.11
24.60	0.00	9,279	181.45	0.10
24.70	0.00	9,243	181.44	0.10
24.80	0.00	9,210	181.44	0.09
24.90	0.00	9,178	181.43	0.09
25.00	0.00	9,148	181.43	0.08
25.10	0.00	9,119	181.42	0.08
25.20	0.00	9,091	181.42	0.08
25.30	0.00	9,064	181.42	0.07
25.40	0.00	9,039	181.41	0.07
25.50	0.00	9,014	181.41	0.07
25.60	0.00	8,991	181.41	0.06
25.70	0.00	8,969	181.40	0.06
25.80	0.00	8,948	181.40	0.06
25.90	0.00	8,927	181.40	0.06

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,908	181.39	0.05
26.10	0.00	8,889	181.39	0.05
26.20	0.00	8,872	181.39	0.05
26.30	0.00	8,855	181.39	0.05
26.40	0.00	8,838	181.39	0.04
26.50	0.00	8,823	181.38	0.04
26.60	0.00	8,808	181.38	0.04
26.70	0.00	8,794	181.38	0.04
26.80	0.00	8,780	181.38	0.04
26.90	0.00	8,767	181.38	0.04
27.00	0.00	8,754	181.37	0.03
27.10	0.00	8,743	181.37	0.03
27.20	0.00	8,731	181.37	0.03
27.30	0.00	8,720	181.37	0.03
27.40	0.00	8,710	181.37	0.03
27.50	0.00	8,700	181.37	0.03
27.60	0.00	8,690	181.36	0.03
27.70	0.00	8,681	181.36	0.02
27.80	0.00	8,672	181.36	0.02
27.90	0.00	8,664	181.36	0.02
28.00	0.00	8,656	181.36	0.02
28.10	0.00	8,648	181.36	0.02
28.20	0.00	8,641	181.36	0.02
28.30	0.00	8,633	181.36	0.02
28.40	0.00	8,626	181.36	0.02
28.50	0.00	8,618	181.35	0.02
28.60	0.00	8,611	181.35	0.02
28.70	0.00	8,604	181.35	0.02
28.80	0.00	8,597	181.35	0.02
28.90	0.00	8,590	181.35	0.02
29.00	0.00	8,583	181.35	0.02
29.10	0.00	8,576	181.35	0.02
29.20	0.00	8,569	181.35	0.02
29.30	0.00	8,563	181.35	0.02
29.40	0.00	8,556	181.35	0.02
29.50	0.00	8,550	181.34	0.02
29.60	0.00	8,544	181.34	0.02
29.70	0.00	8,537	181.34	0.02
29.80	0.00	8,531	181.34	0.02
29.90	0.00	8,525	181.34	0.02
30.00	0.00	8,519	181.34	0.02
30.10	0.00	8,513	181.34	0.02
30.20	0.00	8,507	181.34	0.02
30.30	0.00	8,502	181.34	0.02
30.40	0.00	8,496	181.34	0.02
30.50	0.00	8,490	181.34	0.02
30.60	0.00	8,485	181.34	0.02
30.70	0.00	8,479	181.33	0.01
30.80	0.00	8,474	181.33	0.01
30.90	0.00	8,469	181.33	0.01
31.00	0.00	8,464	181.33	0.01
31.10	0.00	8,459	181.33	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,453	181.33	0.01
31.30	0.00	8,448	181.33	0.01
31.40	0.00	8,444	181.33	0.01
31.50	0.00	8,439	181.33	0.01
31.60	0.00	8,434	181.33	0.01
31.70	0.00	8,429	181.33	0.01
31.80	0.00	8,425	181.33	0.01
31.90	0.00	8,420	181.33	0.01
32.00	0.00	8,415	181.33	0.01
32.10	0.00	8,411	181.33	0.01
32.20	0.00	8,407	181.32	0.01
32.30	0.00	8,402	181.32	0.01
32.40	0.00	8,398	181.32	0.01
32.50	0.00	8,394	181.32	0.01
32.60	0.00	8,389	181.32	0.01
32.70	0.00	8,385	181.32	0.01
32.80	0.00	8,381	181.32	0.01
32.90	0.00	8,377	181.32	0.01
33.00	0.00	8,373	181.32	0.01
33.10	0.00	8,369	181.32	0.01
33.20	0.00	8,366	181.32	0.01
33.30	0.00	8,362	181.32	0.01
33.40	0.00	8,358	181.32	0.01
33.50	0.00	8,354	181.32	0.01
33.60	0.00	8,351	181.32	0.01
33.70	0.00	8,347	181.32	0.01
33.80	0.00	8,344	181.32	0.01
33.90	0.00	8,340	181.32	0.01
34.00	0.00	8,337	181.31	0.01
34.10	0.00	8,333	181.31	0.01
34.20	0.00	8,330	181.31	0.01
34.30	0.00	8,327	181.31	0.01
34.40	0.00	8,324	181.31	0.01
34.50	0.00	8,320	181.31	0.01
34.60	0.00	8,317	181.31	0.01
34.70	0.00	8,314	181.31	0.01
34.80	0.00	8,311	181.31	0.01
34.90	0.00	8,308	181.31	0.01
35.00	0.00	8,305	181.31	0.01
35.10	0.00	8,302	181.31	0.01
35.20	0.00	8,299	181.31	0.01
35.30	0.00	8,296	181.31	0.01
35.40	0.00	8,293	181.31	0.01
35.50	0.00	8,291	181.31	0.01
35.60	0.00	8,288	181.31	0.01
35.70	0.00	8,285	181.31	0.01
35.80	0.00	8,283	181.31	0.01
35.90	0.00	8,280	181.31	0.01
36.00	0.00	8,277	181.31	0.01
36.10	0.00	8,275	181.31	0.01
36.20	0.00	8,272	181.31	0.01
36.30	0.00	8,270	181.31	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,267	181.30	0.01
36.50	0.00	8,265	181.30	0.01
36.60	0.00	8,262	181.30	0.01
36.70	0.00	8,260	181.30	0.01
36.80	0.00	8,258	181.30	0.01
36.90	0.00	8,255	181.30	0.01
37.00	0.00	8,253	181.30	0.01
37.10	0.00	8,251	181.30	0.01
37.20	0.00	8,249	181.30	0.01
37.30	0.00	8,247	181.30	0.01
37.40	0.00	8,244	181.30	0.01
37.50	0.00	8,242	181.30	0.01
37.60	0.00	8,240	181.30	0.01
37.70	0.00	8,238	181.30	0.01
37.80	0.00	8,236	181.30	0.01
37.90	0.00	8,234	181.30	0.01
38.00	0.00	8,232	181.30	0.01
38.10	0.00	8,230	181.30	0.01
38.20	0.00	8,228	181.30	0.01
38.30	0.00	8,227	181.30	0.01
38.40	0.00	8,225	181.30	0.01
38.50	0.00	8,223	181.30	0.01
38.60	0.00	8,221	181.30	0.00
38.70	0.00	8,219	181.30	0.00
38.80	0.00	8,217	181.30	0.00
38.90	0.00	8,216	181.30	0.00
39.00	0.00	8,214	181.30	0.00
39.10	0.00	8,212	181.30	0.00
39.20	0.00	8,211	181.30	0.00
39.30	0.00	8,209	181.30	0.00
39.40	0.00	8,207	181.30	0.00
39.50	0.00	8,206	181.30	0.00
39.60	0.00	8,204	181.30	0.00
39.70	0.00	8,203	181.30	0.00
39.80	0.00	8,201	181.30	0.00
39.90	0.00	8,200	181.30	0.00
40.00	0.00	8,198	181.30	0.00

Stage-Discharge for Pond B-46A: Basin #46A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.29
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.31
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.33
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.35
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.37
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.40
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.42
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.44
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.47
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.49
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.52
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.55
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.57
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.60
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.63
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.66
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.69
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.72
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.75
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.78
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.81
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.84
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.87
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.91
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.94
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.97
180.26	0.00	180.78	0.00	181.30	0.00	181.82	1.01
180.27	0.00	180.79	0.00	181.31	0.00	181.83	1.04
180.28	0.00	180.80	0.00	181.32	0.00	181.84	1.08
180.29	0.00	180.81	0.00	181.33	0.01	181.85	1.11
180.30	0.00	180.82	0.00	181.34	0.01	181.86	1.15
180.31	0.00	180.83	0.00	181.35	0.02	181.87	1.18
180.32	0.00	180.84	0.00	181.36	0.02	181.88	1.22
180.33	0.00	180.85	0.00	181.37	0.03	181.89	1.26
180.34	0.00	180.86	0.00	181.38	0.03	181.90	1.29
180.35	0.00	180.87	0.00	181.39	0.04	181.91	1.33
180.36	0.00	180.88	0.00	181.40	0.05	181.92	1.37
180.37	0.00	180.89	0.00	181.41	0.06	181.93	1.41
180.38	0.00	180.90	0.00	181.42	0.07	181.94	1.45
180.39	0.00	180.91	0.00	181.43	0.08	181.95	1.49
180.40	0.00	180.92	0.00	181.44	0.09	181.96	1.53
180.41	0.00	180.93	0.00	181.45	0.11	181.97	1.57
180.42	0.00	180.94	0.00	181.46	0.12	181.98	1.61
180.43	0.00	180.95	0.00	181.47	0.13	181.99	1.65
180.44	0.00	180.96	0.00	181.48	0.15	182.00	1.69
180.45	0.00	180.97	0.00	181.49	0.16	182.01	1.73
180.46	0.00	180.98	0.00	181.50	0.18	182.02	1.77
180.47	0.00	180.99	0.00	181.51	0.19	182.03	1.82
180.48	0.00	181.00	0.00	181.52	0.21	182.04	1.86
180.49	0.00	181.01	0.00	181.53	0.23	182.05	1.90
180.50	0.00	181.02	0.00	181.54	0.25	182.06	1.95
180.51	0.00	181.03	0.00	181.55	0.27	182.07	1.99

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	2.03	182.60	4.60	183.12	6.66	183.64	8.10
182.09	2.08	182.61	4.65	183.13	6.69	183.65	8.12
182.10	2.12	182.62	4.71	183.14	6.72	183.66	8.15
182.11	2.17	182.63	4.76	183.15	6.75	183.67	8.17
182.12	2.21	182.64	4.81	183.16	6.78	183.68	8.20
182.13	2.26	182.65	4.86	183.17	6.81	183.69	8.22
182.14	2.30	182.66	4.91	183.18	6.84	183.70	8.25
182.15	2.35	182.67	4.96	183.19	6.87	183.71	8.27
182.16	2.40	182.68	5.01	183.20	6.90	183.72	8.30
182.17	2.44	182.69	5.07	183.21	6.93	183.73	8.32
182.18	2.49	182.70	5.12	183.22	6.96	183.74	8.34
182.19	2.54	182.71	5.17	183.23	6.99	183.75	8.37
182.20	2.58	182.72	5.22	183.24	7.02	183.76	8.39
182.21	2.63	182.73	5.27	183.25	7.05	183.77	8.42
182.22	2.68	182.74	5.32	183.26	7.08	183.78	8.44
182.23	2.73	182.75	5.37	183.27	7.11	183.79	8.47
182.24	2.77	182.76	5.42	183.28	7.13	183.80	8.49
182.25	2.82	182.77	5.47	183.29	7.16	183.81	8.51
182.26	2.87	182.78	5.52	183.30	7.19	183.82	8.54
182.27	2.92	182.79	5.56	183.31	7.22	183.83	8.56
182.28	2.97	182.80	5.60	183.32	7.25	183.84	8.59
182.29	3.02	182.81	5.64	183.33	7.28	183.85	8.61
182.30	3.07	182.82	5.67	183.34	7.30	183.86	8.63
182.31	3.12	182.83	5.71	183.35	7.33	183.87	8.66
182.32	3.17	182.84	5.74	183.36	7.36	183.88	8.68
182.33	3.22	182.85	5.78	183.37	7.39	183.89	8.70
182.34	3.27	182.86	5.81	183.38	7.41	183.90	8.73
182.35	3.32	182.87	5.85	183.39	7.44	183.91	8.75
182.36	3.37	182.88	5.88	183.40	7.47	183.92	8.77
182.37	3.42	182.89	5.92	183.41	7.50	183.93	8.80
182.38	3.47	182.90	5.95	183.42	7.52	183.94	8.82
182.39	3.52	182.91	5.99	183.43	7.55	183.95	8.84
182.40	3.57	182.92	6.02	183.44	7.58	183.96	8.87
182.41	3.62	182.93	6.05	183.45	7.60	183.97	8.89
182.42	3.67	182.94	6.09	183.46	7.63	183.98	8.91
182.43	3.72	182.95	6.12	183.47	7.66	183.99	8.93
182.44	3.77	182.96	6.15	183.48	7.68	184.00	8.96
182.45	3.83	182.97	6.19	183.49	7.71	184.01	8.98
182.46	3.88	182.98	6.22	183.50	7.74	184.02	9.00
182.47	3.93	182.99	6.25	183.51	7.76	184.03	9.02
182.48	3.98	183.00	6.29	183.52	7.79	184.04	9.05
182.49	4.03	183.01	6.32	183.53	7.82	184.05	9.07
182.50	4.08	183.02	6.35	183.54	7.84	184.06	9.09
182.51	4.13	183.03	6.38	183.55	7.87	184.07	9.11
182.52	4.19	183.04	6.41	183.56	7.89	184.08	9.14
182.53	4.24	183.05	6.45	183.57	7.92	184.09	9.16
182.54	4.29	183.06	6.48	183.58	7.94	184.10	9.18
182.55	4.34	183.07	6.51	183.59	7.97	184.11	9.20
182.56	4.39	183.08	6.54	183.60	8.00	184.12	9.23
182.57	4.45	183.09	6.57	183.61	8.02	184.13	9.25
182.58	4.50	183.10	6.60	183.62	8.05	184.14	9.27
182.59	4.55	183.11	6.63	183.63	8.07	184.15	9.29

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	9.31	184.68	10.39	185.20	11.36	185.72	12.26
184.17	9.34	184.69	10.41	185.21	11.38	185.73	12.28
184.18	9.36	184.70	10.43	185.22	11.40	185.74	12.29
184.19	9.38	184.71	10.45	185.23	11.42	185.75	12.31
184.20	9.40	184.72	10.47	185.24	11.43	185.76	12.32
184.21	9.42	184.73	10.49	185.25	11.45	185.77	12.34
184.22	9.44	184.74	10.51	185.26	11.47	185.78	12.36
184.23	9.47	184.75	10.52	185.27	11.49	185.79	12.37
184.24	9.49	184.76	10.54	185.28	11.50	185.80	12.39
184.25	9.51	184.77	10.56	185.29	11.52	185.81	12.41
184.26	9.53	184.78	10.58	185.30	11.54	185.82	12.42
184.27	9.55	184.79	10.60	185.31	11.56	185.83	12.44
184.28	9.57	184.80	10.62	185.32	11.58	185.84	12.46
184.29	9.59	184.81	10.64	185.33	11.59	185.85	12.47
184.30	9.61	184.82	10.66	185.34	11.61	185.86	12.49
184.31	9.64	184.83	10.68	185.35	11.63	185.87	12.51
184.32	9.66	184.84	10.70	185.36	11.65	185.88	12.52
184.33	9.68	184.85	10.72	185.37	11.66	185.89	12.54
184.34	9.70	184.86	10.74	185.38	11.68	185.90	12.55
184.35	9.72	184.87	10.75	185.39	11.70	185.91	12.57
184.36	9.74	184.88	10.77	185.40	11.72	185.92	12.59
184.37	9.76	184.89	10.79	185.41	11.73	185.93	12.60
184.38	9.78	184.90	10.81	185.42	11.75	185.94	12.62
184.39	9.80	184.91	10.83	185.43	11.77	185.95	12.63
184.40	9.82	184.92	10.85	185.44	11.78	185.96	12.65
184.41	9.85	184.93	10.87	185.45	11.80	185.97	12.67
184.42	9.87	184.94	10.89	185.46	11.82	185.98	12.68
184.43	9.89	184.95	10.90	185.47	11.84	185.99	12.70
184.44	9.91	184.96	10.92	185.48	11.85	186.00	12.72
184.45	9.93	184.97	10.94	185.49	11.87	186.01	12.73
184.46	9.95	184.98	10.96	185.50	11.89	186.02	12.75
184.47	9.97	184.99	10.98	185.51	11.90	186.03	12.76
184.48	9.99	185.00	11.00	185.52	11.92	186.04	12.78
184.49	10.01	185.01	11.02	185.53	11.94	186.05	12.80
184.50	10.03	185.02	11.03	185.54	11.96	186.06	12.81
184.51	10.05	185.03	11.05	185.55	11.97	186.07	12.83
184.52	10.07	185.04	11.07	185.56	11.99	186.08	12.84
184.53	10.09	185.05	11.09	185.57	12.01	186.09	12.86
184.54	10.11	185.06	11.11	185.58	12.02	186.10	12.87
184.55	10.13	185.07	11.13	185.59	12.04	186.11	12.89
184.56	10.15	185.08	11.14	185.60	12.06	186.12	12.91
184.57	10.17	185.09	11.16	185.61	12.07	186.13	12.92
184.58	10.19	185.10	11.18	185.62	12.09	186.14	12.94
184.59	10.21	185.11	11.20	185.63	12.11	186.15	12.95
184.60	10.23	185.12	11.22	185.64	12.12	186.16	12.97
184.61	10.25	185.13	11.24	185.65	12.14	186.17	12.98
184.62	10.27	185.14	11.25	185.66	12.16	186.18	13.00
184.63	10.29	185.15	11.27	185.67	12.18	186.19	13.02
184.64	10.31	185.16	11.29	185.68	12.19	186.20	13.03
184.65	10.33	185.17	11.31	185.69	12.21	186.21	13.05
184.66	10.35	185.18	11.33	185.70	12.23	186.22	13.06
184.67	10.37	185.19	11.34	185.71	12.24	186.23	13.08

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	13.09	186.76	13.88	187.28	14.62	187.80	44.13
186.25	13.11	186.77	13.89	187.29	14.64	187.81	45.67
186.26	13.12	186.78	13.91	187.30	14.65	187.82	47.23
186.27	13.14	186.79	13.92	187.31	14.66	187.83	48.82
186.28	13.16	186.80	13.94	187.32	14.68	187.84	50.44
186.29	13.17	186.81	13.95	187.33	14.69	187.85	52.10
186.30	13.19	186.82	13.97	187.34	14.71	187.86	53.78
186.31	13.20	186.83	13.98	187.35	14.72	187.87	54.55
186.32	13.22	186.84	14.00	187.36	14.73	187.88	55.04
186.33	13.23	186.85	14.01	187.37	14.75	187.89	55.53
186.34	13.25	186.86	14.02	187.38	14.76	187.90	56.02
186.35	13.26	186.87	14.04	187.39	14.77	187.91	56.49
186.36	13.28	186.88	14.05	187.40	14.79	187.92	56.97
186.37	13.29	186.89	14.07	187.41	14.80	187.93	57.44
186.38	13.31	186.90	14.08	187.42	14.82	187.94	57.90
186.39	13.33	186.91	14.10	187.43	14.83	187.95	58.36
186.40	13.34	186.92	14.11	187.44	14.84	187.96	58.82
186.41	13.36	186.93	14.13	187.45	14.86	187.97	59.27
186.42	13.37	186.94	14.14	187.46	14.87	187.98	59.72
186.43	13.39	186.95	14.16	187.47	14.88	187.99	60.17
186.44	13.40	186.96	14.17	187.48	14.90	188.00	60.62
186.45	13.42	186.97	14.18	187.49	14.91		
186.46	13.43	186.98	14.20	187.50	14.93		
186.47	13.45	186.99	14.21	187.51	15.10		
186.48	13.46	187.00	14.23	187.52	15.42		
186.49	13.48	187.01	14.24	187.53	15.82		
186.50	13.49	187.02	14.26	187.54	16.30		
186.51	13.51	187.03	14.27	187.55	16.84		
186.52	13.52	187.04	14.28	187.56	17.44		
186.53	13.54	187.05	14.30	187.57	18.10		
186.54	13.55	187.06	14.31	187.58	18.80		
186.55	13.57	187.07	14.33	187.59	19.56		
186.56	13.58	187.08	14.34	187.60	20.36		
186.57	13.60	187.09	14.35	187.61	21.20		
186.58	13.61	187.10	14.37	187.62	22.08		
186.59	13.63	187.11	14.38	187.63	23.00		
186.60	13.64	187.12	14.40	187.64	23.97		
186.61	13.66	187.13	14.41	187.65	24.97		
186.62	13.67	187.14	14.43	187.66	26.01		
186.63	13.69	187.15	14.44	187.67	27.08		
186.64	13.70	187.16	14.45	187.68	28.20		
186.65	13.72	187.17	14.47	187.69	29.34		
186.66	13.73	187.18	14.48	187.70	30.52		
186.67	13.75	187.19	14.50	187.71	31.74		
186.68	13.76	187.20	14.51	187.72	32.99		
186.69	13.78	187.21	14.52	187.73	34.27		
186.70	13.79	187.22	14.54	187.74	35.58		
186.71	13.81	187.23	14.55	187.75	36.93		
186.72	13.82	187.24	14.57	187.76	38.31		
186.73	13.83	187.25	14.58	187.77	39.72		
186.74	13.85	187.26	14.59	187.78	41.16		
186.75	13.86	187.27	14.61	187.79	42.63		

Stage-Area-Storage for Pond B-46A: Basin #46A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,720	0	180.52	6,198	3,099
180.01	5,729	57	180.53	6,207	3,161
180.02	5,738	115	180.54	6,216	3,223
180.03	5,748	172	180.55	6,225	3,285
180.04	5,757	230	180.56	6,235	3,347
180.05	5,766	287	180.57	6,244	3,410
180.06	5,775	345	180.58	6,253	3,472
180.07	5,784	403	180.59	6,262	3,535
180.08	5,794	461	180.60	6,271	3,597
180.09	5,803	519	180.61	6,281	3,660
180.10	5,812	577	180.62	6,290	3,723
180.11	5,821	635	180.63	6,299	3,786
180.12	5,830	693	180.64	6,308	3,849
180.13	5,839	751	180.65	6,317	3,912
180.14	5,849	810	180.66	6,327	3,975
180.15	5,858	868	180.67	6,336	4,039
180.16	5,867	927	180.68	6,345	4,102
180.17	5,876	986	180.69	6,354	4,166
180.18	5,885	1,044	180.70	6,363	4,229
180.19	5,895	1,103	180.71	6,372	4,293
180.20	5,904	1,162	180.72	6,382	4,357
180.21	5,913	1,221	180.73	6,391	4,420
180.22	5,922	1,281	180.74	6,400	4,484
180.23	5,931	1,340	180.75	6,409	4,548
180.24	5,941	1,399	180.76	6,418	4,613
180.25	5,950	1,459	180.77	6,428	4,677
180.26	5,959	1,518	180.78	6,437	4,741
180.27	5,968	1,578	180.79	6,446	4,806
180.28	5,977	1,638	180.80	6,455	4,870
180.29	5,987	1,697	180.81	6,464	4,935
180.30	5,996	1,757	180.82	6,474	4,999
180.31	6,005	1,817	180.83	6,483	5,064
180.32	6,014	1,877	180.84	6,492	5,129
180.33	6,023	1,938	180.85	6,501	5,194
180.34	6,032	1,998	180.86	6,510	5,259
180.35	6,042	2,058	180.87	6,520	5,324
180.36	6,051	2,119	180.88	6,529	5,389
180.37	6,060	2,179	180.89	6,538	5,455
180.38	6,069	2,240	180.90	6,547	5,520
180.39	6,078	2,301	180.91	6,556	5,586
180.40	6,088	2,362	180.92	6,565	5,651
180.41	6,097	2,422	180.93	6,575	5,717
180.42	6,106	2,483	180.94	6,584	5,783
180.43	6,115	2,545	180.95	6,593	5,849
180.44	6,124	2,606	180.96	6,602	5,915
180.45	6,134	2,667	180.97	6,611	5,981
180.46	6,143	2,728	180.98	6,621	6,047
180.47	6,152	2,790	180.99	6,630	6,113
180.48	6,161	2,851	181.00	6,639	6,180
180.49	6,170	2,913	181.01	6,653	6,246
180.50	6,180	2,975	181.02	6,666	6,313
180.51	6,189	3,037	181.03	6,680	6,379

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	6,693	6,446	181.56	7,400	10,110
181.05	6,707	6,513	181.57	7,414	10,184
181.06	6,721	6,580	181.58	7,427	10,259
181.07	6,734	6,648	181.59	7,441	10,333
181.08	6,748	6,715	181.60	7,454	10,408
181.09	6,761	6,783	181.61	7,468	10,482
181.10	6,775	6,850	181.62	7,482	10,557
181.11	6,788	6,918	181.63	7,495	10,632
181.12	6,802	6,986	181.64	7,509	10,707
181.13	6,816	7,054	181.65	7,522	10,782
181.14	6,829	7,122	181.66	7,536	10,857
181.15	6,843	7,191	181.67	7,550	10,933
181.16	6,856	7,259	181.68	7,563	11,008
181.17	6,870	7,328	181.69	7,577	11,084
181.18	6,884	7,397	181.70	7,590	11,160
181.19	6,897	7,465	181.71	7,604	11,236
181.20	6,911	7,534	181.72	7,617	11,312
181.21	6,924	7,604	181.73	7,631	11,388
181.22	6,938	7,673	181.74	7,645	11,464
181.23	6,952	7,742	181.75	7,658	11,541
181.24	6,965	7,812	181.76	7,672	11,618
181.25	6,979	7,882	181.77	7,685	11,694
181.26	6,992	7,952	181.78	7,699	11,771
181.27	7,006	8,022	181.79	7,713	11,848
181.28	7,020	8,092	181.80	7,726	11,926
181.29	7,033	8,162	181.81	7,740	12,003
181.30	7,047	8,232	181.82	7,753	12,080
181.31	7,060	8,303	181.83	7,767	12,158
181.32	7,074	8,374	181.84	7,781	12,236
181.33	7,087	8,444	181.85	7,794	12,314
181.34	7,101	8,515	181.86	7,808	12,392
181.35	7,115	8,586	181.87	7,821	12,470
181.36	7,128	8,658	181.88	7,835	12,548
181.37	7,142	8,729	181.89	7,849	12,626
181.38	7,155	8,800	181.90	7,862	12,705
181.39	7,169	8,872	181.91	7,876	12,784
181.40	7,183	8,944	181.92	7,889	12,863
181.41	7,196	9,016	181.93	7,903	12,941
181.42	7,210	9,088	181.94	7,916	13,021
181.43	7,223	9,160	181.95	7,930	13,100
181.44	7,237	9,232	181.96	7,944	13,179
181.45	7,251	9,305	181.97	7,957	13,259
181.46	7,264	9,377	181.98	7,971	13,338
181.47	7,278	9,450	181.99	7,984	13,418
181.48	7,291	9,523	182.00	7,998	13,498
181.49	7,305	9,596	182.01	8,012	13,578
181.50	7,319	9,669	182.02	8,026	13,658
181.51	7,332	9,742	182.03	8,040	13,739
181.52	7,346	9,816	182.04	8,055	13,819
181.53	7,359	9,889	182.05	8,069	13,900
181.54	7,373	9,963	182.06	8,083	13,980
181.55	7,386	10,036	182.07	8,097	14,061

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,111	14,142	182.60	8,847	18,551
182.09	8,125	14,224	182.61	8,861	18,640
182.10	8,139	14,305	182.62	8,875	18,729
182.11	8,154	14,386	182.63	8,889	18,818
182.12	8,168	14,468	182.64	8,904	18,907
182.13	8,182	14,550	182.65	8,918	18,996
182.14	8,196	14,632	182.66	8,932	19,085
182.15	8,210	14,714	182.67	8,946	19,174
182.16	8,224	14,796	182.68	8,960	19,264
182.17	8,239	14,878	182.69	8,974	19,353
182.18	8,253	14,961	182.70	8,988	19,443
182.19	8,267	15,043	182.71	9,003	19,533
182.20	8,281	15,126	182.72	9,017	19,623
182.21	8,295	15,209	182.73	9,031	19,714
182.22	8,309	15,292	182.74	9,045	19,804
182.23	8,323	15,375	182.75	9,059	19,894
182.24	8,338	15,458	182.76	9,073	19,985
182.25	8,352	15,542	182.77	9,088	20,076
182.26	8,366	15,625	182.78	9,102	20,167
182.27	8,380	15,709	182.79	9,116	20,258
182.28	8,394	15,793	182.80	9,130	20,349
182.29	8,408	15,877	182.81	9,144	20,441
182.30	8,423	15,961	182.82	9,158	20,532
182.31	8,437	16,045	182.83	9,172	20,624
182.32	8,451	16,130	182.84	9,187	20,716
182.33	8,465	16,214	182.85	9,201	20,807
182.34	8,479	16,299	182.86	9,215	20,900
182.35	8,493	16,384	182.87	9,229	20,992
182.36	8,507	16,469	182.88	9,243	21,084
182.37	8,522	16,554	182.89	9,257	21,177
182.38	8,536	16,639	182.90	9,272	21,269
182.39	8,550	16,725	182.91	9,286	21,362
182.40	8,564	16,810	182.92	9,300	21,455
182.41	8,578	16,896	182.93	9,314	21,548
182.42	8,592	16,982	182.94	9,328	21,641
182.43	8,606	17,068	182.95	9,342	21,735
182.44	8,621	17,154	182.96	9,356	21,828
182.45	8,635	17,240	182.97	9,371	21,922
182.46	8,649	17,327	182.98	9,385	22,016
182.47	8,663	17,413	182.99	9,399	22,109
182.48	8,677	17,500	183.00	9,413	22,204
182.49	8,691	17,587	183.01	9,444	22,298
182.50	8,706	17,674	183.02	9,475	22,392
182.51	8,720	17,761	183.03	9,506	22,487
182.52	8,734	17,848	183.04	9,537	22,583
182.53	8,748	17,936	183.05	9,568	22,678
182.54	8,762	18,023	183.06	9,599	22,774
182.55	8,776	18,111	183.07	9,630	22,870
182.56	8,790	18,199	183.08	9,661	22,966
182.57	8,805	18,287	183.09	9,692	23,063
182.58	8,819	18,375	183.10	9,723	23,160
182.59	8,833	18,463	183.11	9,754	23,258

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,785	23,355	183.64	11,398	28,863
183.13	9,816	23,453	183.65	11,429	28,977
183.14	9,847	23,552	183.66	11,460	29,092
183.15	9,878	23,650	183.67	11,491	29,206
183.16	9,909	23,749	183.68	11,522	29,322
183.17	9,940	23,849	183.69	11,553	29,437
183.18	9,971	23,948	183.70	11,584	29,553
183.19	10,002	24,048	183.71	11,615	29,669
183.20	10,033	24,148	183.72	11,646	29,785
183.21	10,064	24,249	183.73	11,677	29,902
183.22	10,095	24,349	183.74	11,708	30,018
183.23	10,126	24,451	183.75	11,740	30,136
183.24	10,157	24,552	183.76	11,771	30,253
183.25	10,189	24,654	183.77	11,802	30,371
183.26	10,220	24,756	183.78	11,833	30,489
183.27	10,251	24,858	183.79	11,864	30,608
183.28	10,282	24,961	183.80	11,895	30,727
183.29	10,313	25,064	183.81	11,926	30,846
183.30	10,344	25,167	183.82	11,957	30,965
183.31	10,375	25,271	183.83	11,988	31,085
183.32	10,406	25,374	183.84	12,019	31,205
183.33	10,437	25,479	183.85	12,050	31,325
183.34	10,468	25,583	183.86	12,081	31,446
183.35	10,499	25,688	183.87	12,112	31,567
183.36	10,530	25,793	183.88	12,143	31,688
183.37	10,561	25,899	183.89	12,174	31,810
183.38	10,592	26,004	183.90	12,205	31,932
183.39	10,623	26,110	183.91	12,236	32,054
183.40	10,654	26,217	183.92	12,267	32,176
183.41	10,685	26,324	183.93	12,298	32,299
183.42	10,716	26,431	183.94	12,329	32,422
183.43	10,747	26,538	183.95	12,360	32,546
183.44	10,778	26,645	183.96	12,391	32,669
183.45	10,809	26,753	183.97	12,422	32,793
183.46	10,840	26,862	183.98	12,453	32,918
183.47	10,871	26,970	183.99	12,484	33,043
183.48	10,902	27,079	184.00	12,515	33,168
183.49	10,933	27,188	184.01	12,531	33,293
183.50	10,964	27,298	184.02	12,547	33,418
183.51	10,995	27,408	184.03	12,563	33,544
183.52	11,026	27,518	184.04	12,580	33,669
183.53	11,057	27,628	184.05	12,596	33,795
183.54	11,088	27,739	184.06	12,612	33,921
183.55	11,119	27,850	184.07	12,628	34,048
183.56	11,150	27,961	184.08	12,644	34,174
183.57	11,181	28,073	184.09	12,660	34,300
183.58	11,212	28,185	184.10	12,676	34,427
183.59	11,243	28,297	184.11	12,692	34,554
183.60	11,274	28,410	184.12	12,709	34,681
183.61	11,305	28,523	184.13	12,725	34,808
183.62	11,336	28,636	184.14	12,741	34,935
183.63	11,367	28,749	184.15	12,757	35,063

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	12,773	35,191	184.68	13,612	42,051
184.17	12,789	35,318	184.69	13,628	42,187
184.18	12,805	35,446	184.70	13,644	42,323
184.19	12,821	35,574	184.71	13,660	42,460
184.20	12,838	35,703	184.72	13,676	42,596
184.21	12,854	35,831	184.73	13,692	42,733
184.22	12,870	35,960	184.74	13,709	42,870
184.23	12,886	36,089	184.75	13,725	43,007
184.24	12,902	36,218	184.76	13,741	43,145
184.25	12,918	36,347	184.77	13,757	43,282
184.26	12,934	36,476	184.78	13,773	43,420
184.27	12,951	36,605	184.79	13,789	43,558
184.28	12,967	36,735	184.80	13,805	43,696
184.29	12,983	36,865	184.81	13,822	43,834
184.30	12,999	36,995	184.82	13,838	43,972
184.31	13,015	37,125	184.83	13,854	44,111
184.32	13,031	37,255	184.84	13,870	44,249
184.33	13,047	37,385	184.85	13,886	44,388
184.34	13,063	37,516	184.86	13,902	44,527
184.35	13,080	37,647	184.87	13,918	44,666
184.36	13,096	37,777	184.88	13,934	44,805
184.37	13,112	37,908	184.89	13,951	44,945
184.38	13,128	38,040	184.90	13,967	45,084
184.39	13,144	38,171	184.91	13,983	45,224
184.40	13,160	38,303	184.92	13,999	45,364
184.41	13,176	38,434	184.93	14,015	45,504
184.42	13,192	38,566	184.94	14,031	45,644
184.43	13,209	38,698	184.95	14,047	45,785
184.44	13,225	38,830	184.96	14,063	45,925
184.45	13,241	38,963	184.97	14,080	46,066
184.46	13,257	39,095	184.98	14,096	46,207
184.47	13,273	39,228	184.99	14,112	46,348
184.48	13,289	39,361	185.00	14,128	46,489
184.49	13,305	39,493	185.01	14,145	46,630
184.50	13,322	39,627	185.02	14,161	46,772
184.51	13,338	39,760	185.03	14,178	46,914
184.52	13,354	39,893	185.04	14,195	47,055
184.53	13,370	40,027	185.05	14,212	47,197
184.54	13,386	40,161	185.06	14,228	47,340
184.55	13,402	40,295	185.07	14,245	47,482
184.56	13,418	40,429	185.08	14,262	47,625
184.57	13,434	40,563	185.09	14,278	47,767
184.58	13,451	40,698	185.10	14,295	47,910
184.59	13,467	40,832	185.11	14,312	48,053
184.60	13,483	40,967	185.12	14,328	48,196
184.61	13,499	41,102	185.13	14,345	48,340
184.62	13,515	41,237	185.14	14,362	48,483
184.63	13,531	41,372	185.15	14,379	48,627
184.64	13,547	41,507	185.16	14,395	48,771
184.65	13,563	41,643	185.17	14,412	48,915
184.66	13,580	41,779	185.18	14,429	49,059
184.67	13,596	41,915	185.19	14,445	49,203

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	14,462	49,348	185.72	15,330	57,094
185.21	14,479	49,493	185.73	15,347	57,247
185.22	14,495	49,638	185.74	15,364	57,401
185.23	14,512	49,783	185.75	15,381	57,555
185.24	14,529	49,928	185.76	15,397	57,709
185.25	14,546	50,073	185.77	15,414	57,863
185.26	14,562	50,219	185.78	15,431	58,017
185.27	14,579	50,364	185.79	15,447	58,171
185.28	14,596	50,510	185.80	15,464	58,326
185.29	14,612	50,656	185.81	15,481	58,481
185.30	14,629	50,803	185.82	15,497	58,635
185.31	14,646	50,949	185.83	15,514	58,790
185.32	14,662	51,095	185.84	15,531	58,946
185.33	14,679	51,242	185.85	15,547	59,101
185.34	14,696	51,389	185.86	15,564	59,257
185.35	14,712	51,536	185.87	15,581	59,412
185.36	14,729	51,683	185.88	15,598	59,568
185.37	14,746	51,831	185.89	15,614	59,724
185.38	14,763	51,978	185.90	15,631	59,881
185.39	14,779	52,126	185.91	15,648	60,037
185.40	14,796	52,274	185.92	15,664	60,194
185.41	14,813	52,422	185.93	15,681	60,350
185.42	14,829	52,570	185.94	15,698	60,507
185.43	14,846	52,718	185.95	15,714	60,664
185.44	14,863	52,867	185.96	15,731	60,821
185.45	14,879	53,016	185.97	15,748	60,979
185.46	14,896	53,165	185.98	15,765	61,136
185.47	14,913	53,314	185.99	15,781	61,294
185.48	14,930	53,463	186.00	15,798	61,452
185.49	14,946	53,612	186.01	15,815	61,610
185.50	14,963	53,762	186.02	15,833	61,768
185.51	14,980	53,911	186.03	15,850	61,927
185.52	14,996	54,061	186.04	15,867	62,085
185.53	15,013	54,211	186.05	15,884	62,244
185.54	15,030	54,362	186.06	15,902	62,403
185.55	15,047	54,512	186.07	15,919	62,562
185.56	15,063	54,663	186.08	15,936	62,721
185.57	15,080	54,813	186.09	15,953	62,881
185.58	15,097	54,964	186.10	15,971	63,040
185.59	15,113	55,115	186.11	15,988	63,200
185.60	15,130	55,266	186.12	16,005	63,360
185.61	15,147	55,418	186.13	16,022	63,520
185.62	15,163	55,569	186.14	16,040	63,681
185.63	15,180	55,721	186.15	16,057	63,841
185.64	15,197	55,873	186.16	16,074	64,002
185.65	15,214	56,025	186.17	16,091	64,163
185.66	15,230	56,177	186.18	16,109	64,324
185.67	15,247	56,330	186.19	16,126	64,485
185.68	15,264	56,482	186.20	16,143	64,646
185.69	15,280	56,635	186.21	16,160	64,808
185.70	15,297	56,788	186.22	16,178	64,969
185.71	15,314	56,941	186.23	16,195	65,131

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	16,212	65,293	186.76	17,110	73,957
186.25	16,230	65,455	186.77	17,127	74,128
186.26	16,247	65,618	186.78	17,144	74,299
186.27	16,264	65,780	186.79	17,162	74,471
186.28	16,281	65,943	186.80	17,179	74,643
186.29	16,299	66,106	186.81	17,196	74,815
186.30	16,316	66,269	186.82	17,213	74,987
186.31	16,333	66,432	186.83	17,231	75,159
186.32	16,350	66,596	186.84	17,248	75,331
186.33	16,368	66,759	186.85	17,265	75,504
186.34	16,385	66,923	186.86	17,282	75,677
186.35	16,402	67,087	186.87	17,300	75,849
186.36	16,419	67,251	186.88	17,317	76,023
186.37	16,437	67,415	186.89	17,334	76,196
186.38	16,454	67,580	186.90	17,351	76,369
186.39	16,471	67,744	186.91	17,369	76,543
186.40	16,488	67,909	186.92	17,386	76,717
186.41	16,506	68,074	186.93	17,403	76,891
186.42	16,523	68,239	186.94	17,420	77,065
186.43	16,540	68,405	186.95	17,438	77,239
186.44	16,557	68,570	186.96	17,455	77,413
186.45	16,575	68,736	186.97	17,472	77,588
186.46	16,592	68,902	186.98	17,489	77,763
186.47	16,609	69,068	186.99	17,507	77,938
186.48	16,626	69,234	187.00	17,524	78,113
186.49	16,644	69,400	187.01	17,542	78,288
186.50	16,661	69,567	187.02	17,560	78,464
186.51	16,678	69,733	187.03	17,578	78,640
186.52	16,696	69,900	187.04	17,595	78,815
186.53	16,713	70,067	187.05	17,613	78,991
186.54	16,730	70,235	187.06	17,631	79,168
186.55	16,747	70,402	187.07	17,649	79,344
186.56	16,765	70,570	187.08	17,667	79,521
186.57	16,782	70,737	187.09	17,685	79,697
186.58	16,799	70,905	187.10	17,703	79,874
186.59	16,816	71,073	187.11	17,720	80,051
186.60	16,834	71,241	187.12	17,738	80,229
186.61	16,851	71,410	187.13	17,756	80,406
186.62	16,868	71,578	187.14	17,774	80,584
186.63	16,885	71,747	187.15	17,792	80,762
186.64	16,903	71,916	187.16	17,810	80,940
186.65	16,920	72,085	187.17	17,828	81,118
186.66	16,937	72,255	187.18	17,845	81,296
186.67	16,954	72,424	187.19	17,863	81,475
186.68	16,972	72,594	187.20	17,881	81,654
186.69	16,989	72,763	187.21	17,899	81,832
186.70	17,006	72,933	187.22	17,917	82,012
186.71	17,023	73,104	187.23	17,935	82,191
186.72	17,041	73,274	187.24	17,953	82,370
186.73	17,058	73,444	187.25	17,971	82,550
186.74	17,075	73,615	187.26	17,988	82,730
186.75	17,093	73,786	187.27	18,006	82,910

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	18,024	83,090	187.80	18,953	92,704
187.29	18,042	83,270	187.81	18,971	92,893
187.30	18,060	83,451	187.82	18,989	93,083
187.31	18,078	83,631	187.83	19,006	93,273
187.32	18,096	83,812	187.84	19,024	93,463
187.33	18,113	83,993	187.85	19,042	93,654
187.34	18,131	84,174	187.86	19,060	93,844
187.35	18,149	84,356	187.87	19,078	94,035
187.36	18,167	84,537	187.88	19,096	94,226
187.37	18,185	84,719	187.89	19,114	94,417
187.38	18,203	84,901	187.90	19,131	94,608
187.39	18,221	85,083	187.91	19,149	94,799
187.40	18,238	85,265	187.92	19,167	94,991
187.41	18,256	85,448	187.93	19,185	95,183
187.42	18,274	85,631	187.94	19,203	95,375
187.43	18,292	85,813	187.95	19,221	95,567
187.44	18,310	85,996	187.96	19,239	95,759
187.45	18,328	86,180	187.97	19,256	95,952
187.46	18,346	86,363	187.98	19,274	96,144
187.47	18,363	86,547	187.99	19,292	96,337
187.48	18,381	86,730	188.00	19,310	96,530
187.49	18,399	86,914			
187.50	18,417	87,098			
187.51	18,435	87,283			
187.52	18,453	87,467			
187.53	18,471	87,652			
187.54	18,488	87,836			
187.55	18,506	88,021			
187.56	18,524	88,206			
187.57	18,542	88,392			
187.58	18,560	88,577			
187.59	18,578	88,763			
187.60	18,596	88,949			
187.61	18,613	89,135			
187.62	18,631	89,321			
187.63	18,649	89,508			
187.64	18,667	89,694			
187.65	18,685	89,881			
187.66	18,703	90,068			
187.67	18,721	90,255			
187.68	18,738	90,442			
187.69	18,756	90,630			
187.70	18,774	90,817			
187.71	18,792	91,005			
187.72	18,810	91,193			
187.73	18,828	91,381			
187.74	18,846	91,570			
187.75	18,864	91,758			
187.76	18,881	91,947			
187.77	18,899	92,136			
187.78	18,917	92,325			
187.79	18,935	92,514			

Summary for Pond B-46B: Basin #46B

Inflow Area = 2.931 ac, 39.13% Impervious, Inflow Depth > 3.25" for Future 10 yr event
 Inflow = 5.59 cfs @ 12.16 hrs, Volume= 0.794 af
 Outflow = 0.16 cfs @ 24.10 hrs, Volume= 0.282 af, Atten= 97%, Lag= 716.9 min
 Primary = 0.16 cfs @ 24.10 hrs, Volume= 0.282 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.55' @ 24.10 hrs Surf.Area= 10,348 sf Storage= 28,257 cf

Plug-Flow detention time= 851.1 min calculated for 0.282 af (35% of inflow)
 Center-of-Mass det. time= 684.4 min (1,586.8 - 902.4)

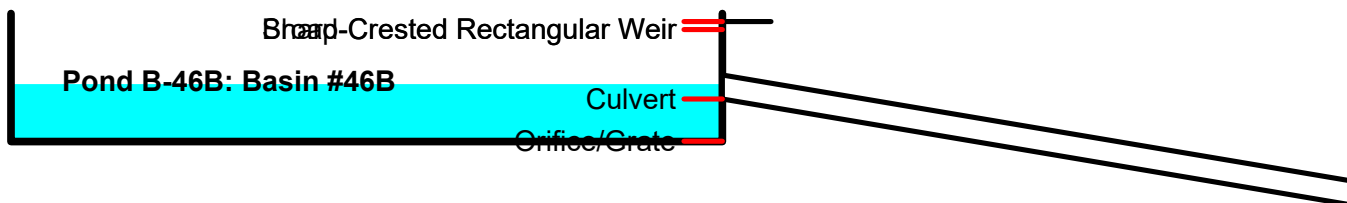
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	88,429 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,813	0	0
181.00	6,961	6,387	6,387
182.00	8,181	7,571	13,958
183.00	9,471	8,826	22,784
184.00	11,059	10,265	33,049
185.00	12,402	11,731	44,780
186.00	13,803	13,103	57,882
187.00	15,259	14,531	72,413
188.00	16,772	16,016	88,429

Device	Routing	Invert	Outlet Devices
#1	Primary	182.65'	18.0" Round Culvert L= 65.0' Ke= 0.500 Inlet / Outlet Invert= 182.65' / 176.00' S= 0.1023 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	180.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

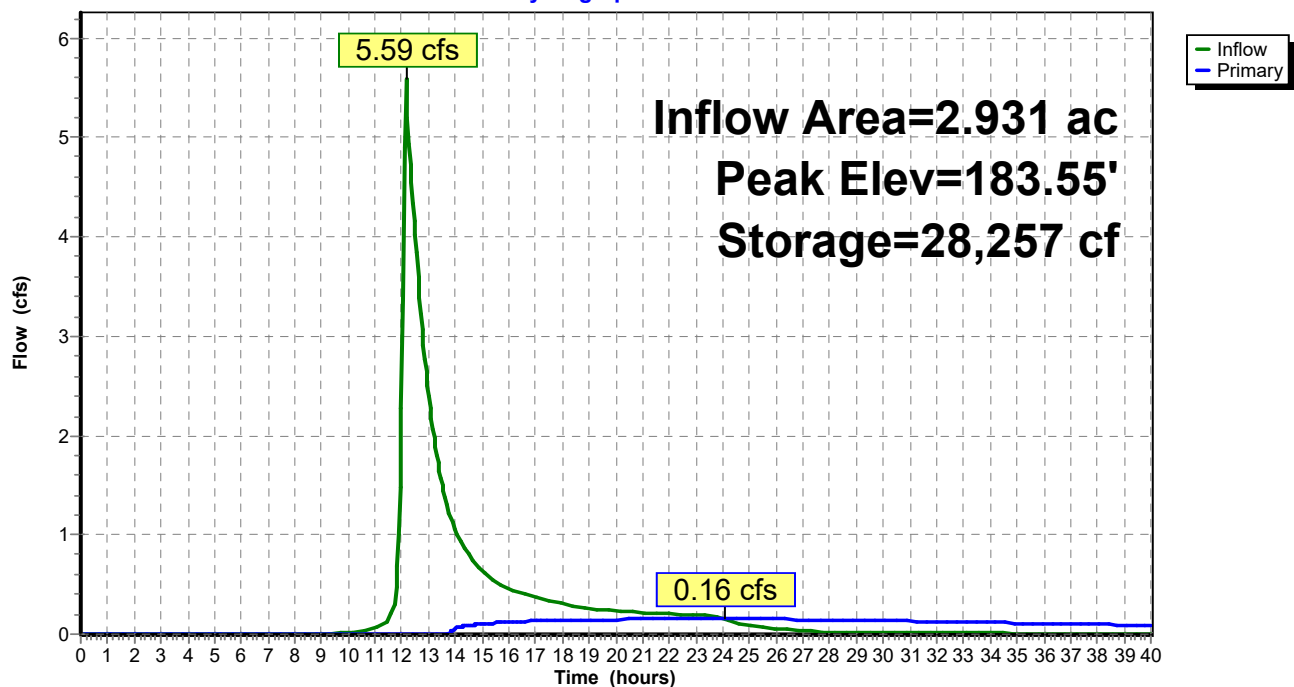
Primary OutFlow Max=0.16 cfs @ 24.10 hrs HW=183.55' (Free Discharge)

1=Culvert (Passes 0.16 cfs of 3.59 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 4.57 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-46B: Basin #46B

Hydrograph



Hydrograph for Pond B-46B: Basin #46B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	0	180.00	0.00
1.40	0.00	0	180.00	0.00
1.50	0.00	0	180.00	0.00
1.60	0.00	0	180.00	0.00
1.70	0.00	0	180.00	0.00
1.80	0.00	0	180.00	0.00
1.90	0.00	0	180.00	0.00
2.00	0.00	0	180.00	0.00
2.10	0.00	0	180.00	0.00
2.20	0.00	0	180.00	0.00
2.30	0.00	0	180.00	0.00
2.40	0.00	0	180.00	0.00
2.50	0.00	0	180.00	0.00
2.60	0.00	0	180.00	0.00
2.70	0.00	0	180.00	0.00
2.80	0.00	0	180.00	0.00
2.90	0.00	0	180.00	0.00
3.00	0.00	0	180.00	0.00
3.10	0.00	0	180.00	0.00
3.20	0.00	0	180.00	0.00
3.30	0.00	0	180.00	0.00
3.40	0.00	0	180.00	0.00
3.50	0.00	0	180.00	0.00
3.60	0.00	0	180.00	0.00
3.70	0.00	0	180.00	0.00
3.80	0.00	0	180.00	0.00
3.90	0.00	0	180.00	0.00
4.00	0.00	0	180.00	0.00
4.10	0.00	0	180.00	0.00
4.20	0.00	0	180.00	0.00
4.30	0.00	0	180.00	0.00
4.40	0.00	0	180.00	0.00
4.50	0.00	0	180.00	0.00
4.60	0.00	0	180.00	0.00
4.70	0.00	0	180.00	0.00
4.80	0.00	0	180.00	0.00
4.90	0.00	0	180.00	0.00
5.00	0.00	0	180.00	0.00
5.10	0.00	0	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	180.00	0.00
5.30	0.00	0	180.00	0.00
5.40	0.00	0	180.00	0.00
5.50	0.00	0	180.00	0.00
5.60	0.00	0	180.00	0.00
5.70	0.00	0	180.00	0.00
5.80	0.00	0	180.00	0.00
5.90	0.00	0	180.00	0.00
6.00	0.00	0	180.00	0.00
6.10	0.00	0	180.00	0.00
6.20	0.00	0	180.00	0.00
6.30	0.00	0	180.00	0.00
6.40	0.00	0	180.00	0.00
6.50	0.00	0	180.00	0.00
6.60	0.00	0	180.00	0.00
6.70	0.00	0	180.00	0.00
6.80	0.00	0	180.00	0.00
6.90	0.00	0	180.00	0.00
7.00	0.00	0	180.00	0.00
7.10	0.00	0	180.00	0.00
7.20	0.00	0	180.00	0.00
7.30	0.00	0	180.00	0.00
7.40	0.00	0	180.00	0.00
7.50	0.00	0	180.00	0.00
7.60	0.00	0	180.00	0.00
7.70	0.00	0	180.00	0.00
7.80	0.00	0	180.00	0.00
7.90	0.00	0	180.00	0.00
8.00	0.00	0	180.00	0.00
8.10	0.00	0	180.00	0.00
8.20	0.00	0	180.00	0.00
8.30	0.00	0	180.00	0.00
8.40	0.00	1	180.00	0.00
8.50	0.00	1	180.00	0.00
8.60	0.00	2	180.00	0.00
8.70	0.00	3	180.00	0.00
8.80	0.00	5	180.00	0.00
8.90	0.00	6	180.00	0.00
9.00	0.01	8	180.00	0.00
9.10	0.01	10	180.00	0.00
9.20	0.01	12	180.00	0.00
9.30	0.01	15	180.00	0.00
9.40	0.01	18	180.00	0.00
9.50	0.01	22	180.00	0.00
9.60	0.01	26	180.00	0.00
9.70	0.01	31	180.01	0.00
9.80	0.02	36	180.01	0.00
9.90	0.02	42	180.01	0.00
10.00	0.02	48	180.01	0.00
10.10	0.02	55	180.01	0.00
10.20	0.02	63	180.01	0.00
10.30	0.02	72	180.01	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.03	81	180.01	0.00
10.50	0.03	91	180.02	0.00
10.60	0.03	102	180.02	0.00
10.70	0.04	116	180.02	0.00
10.80	0.05	131	180.02	0.00
10.90	0.05	148	180.03	0.00
11.00	0.06	168	180.03	0.00
11.10	0.07	191	180.03	0.00
11.20	0.08	219	180.04	0.00
11.30	0.10	251	180.04	0.00
11.40	0.11	289	180.05	0.00
11.50	0.13	333	180.06	0.00
11.60	0.20	389	180.07	0.00
11.70	0.26	470	180.08	0.00
11.80	0.48	597	180.10	0.00
11.90	1.00	854	180.14	0.00
12.00	2.27	1,417	180.24	0.00
12.10	4.90	2,669	180.44	0.00
12.20	5.19	4,582	180.73	0.00
12.30	4.73	6,363	181.00	0.00
12.40	4.33	7,997	181.23	0.00
12.50	4.03	9,499	181.43	0.00
12.60	3.60	10,877	181.61	0.00
12.70	3.22	12,101	181.77	0.00
12.80	2.91	13,204	181.91	0.00
12.90	2.64	14,203	182.03	0.00
13.00	2.39	15,107	182.14	0.00
13.10	2.16	15,927	182.24	0.00
13.20	1.97	16,670	182.32	0.00
13.30	1.80	17,347	182.40	0.00
13.40	1.65	17,967	182.47	0.00
13.50	1.51	18,534	182.54	0.00
13.60	1.38	19,054	182.59	0.00
13.70	1.28	19,532	182.65	0.00
13.80	1.19	19,972	182.70	0.02
13.90	1.11	20,376	182.74	0.04
14.00	1.05	20,748	182.78	0.06
14.10	0.99	21,091	182.82	0.07
14.20	0.93	21,411	182.85	0.07
14.30	0.88	21,710	182.89	0.08
14.40	0.84	21,991	182.92	0.08
14.50	0.80	22,256	182.94	0.09
14.60	0.77	22,506	182.97	0.09
14.70	0.73	22,741	183.00	0.10
14.80	0.70	22,963	183.02	0.10
14.90	0.67	23,173	183.04	0.10
15.00	0.64	23,370	183.06	0.11
15.10	0.61	23,555	183.08	0.11
15.20	0.59	23,731	183.10	0.11
15.30	0.57	23,899	183.12	0.11
15.40	0.55	24,059	183.13	0.11
15.50	0.53	24,211	183.15	0.12

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.51	24,357	183.16	0.12
15.70	0.50	24,497	183.18	0.12
15.80	0.49	24,631	183.19	0.12
15.90	0.47	24,759	183.20	0.12
16.00	0.46	24,883	183.22	0.12
16.10	0.45	25,002	183.23	0.12
16.20	0.44	25,116	183.24	0.13
16.30	0.43	25,226	183.25	0.13
16.40	0.42	25,332	183.26	0.13
16.50	0.41	25,435	183.27	0.13
16.60	0.40	25,535	183.28	0.13
16.70	0.40	25,631	183.29	0.13
16.80	0.39	25,725	183.30	0.13
16.90	0.38	25,815	183.31	0.13
17.00	0.37	25,903	183.32	0.13
17.10	0.37	25,988	183.33	0.14
17.20	0.36	26,070	183.34	0.14
17.30	0.35	26,149	183.35	0.14
17.40	0.35	26,225	183.35	0.14
17.50	0.34	26,299	183.36	0.14
17.60	0.33	26,370	183.37	0.14
17.70	0.33	26,439	183.37	0.14
17.80	0.32	26,505	183.38	0.14
17.90	0.31	26,568	183.39	0.14
18.00	0.31	26,629	183.39	0.14
18.10	0.30	26,687	183.40	0.14
18.20	0.30	26,743	183.40	0.14
18.30	0.29	26,797	183.41	0.14
18.40	0.29	26,849	183.41	0.14
18.50	0.28	26,899	183.42	0.14
18.60	0.28	26,948	183.42	0.14
18.70	0.27	26,995	183.43	0.14
18.80	0.27	27,040	183.43	0.15
18.90	0.27	27,084	183.44	0.15
19.00	0.26	27,126	183.44	0.15
19.10	0.26	27,168	183.45	0.15
19.20	0.26	27,208	183.45	0.15
19.30	0.25	27,246	183.45	0.15
19.40	0.25	27,284	183.46	0.15
19.50	0.25	27,321	183.46	0.15
19.60	0.25	27,356	183.46	0.15
19.70	0.24	27,391	183.47	0.15
19.80	0.24	27,425	183.47	0.15
19.90	0.24	27,458	183.47	0.15
20.00	0.24	27,490	183.48	0.15
20.10	0.24	27,522	183.48	0.15
20.20	0.23	27,553	183.48	0.15
20.30	0.23	27,583	183.49	0.15
20.40	0.23	27,613	183.49	0.15
20.50	0.23	27,641	183.49	0.15
20.60	0.23	27,669	183.50	0.15
20.70	0.23	27,697	183.50	0.15

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.22	27,724	183.50	0.15
20.90	0.22	27,750	183.50	0.15
21.00	0.22	27,775	183.51	0.15
21.10	0.22	27,800	183.51	0.15
21.20	0.22	27,824	183.51	0.15
21.30	0.22	27,848	183.51	0.15
21.40	0.22	27,871	183.51	0.15
21.50	0.21	27,893	183.52	0.15
21.60	0.21	27,914	183.52	0.15
21.70	0.21	27,935	183.52	0.15
21.80	0.21	27,956	183.52	0.15
21.90	0.21	27,975	183.53	0.15
22.00	0.21	27,995	183.53	0.15
22.10	0.20	28,013	183.53	0.15
22.20	0.20	28,031	183.53	0.15
22.30	0.20	28,048	183.53	0.15
22.40	0.20	28,065	183.53	0.15
22.50	0.20	28,081	183.54	0.15
22.60	0.20	28,097	183.54	0.15
22.70	0.20	28,112	183.54	0.15
22.80	0.19	28,126	183.54	0.15
22.90	0.19	28,140	183.54	0.15
23.00	0.19	28,153	183.54	0.15
23.10	0.19	28,165	183.54	0.16
23.20	0.19	28,177	183.54	0.16
23.30	0.19	28,189	183.55	0.16
23.40	0.18	28,199	183.55	0.16
23.50	0.18	28,210	183.55	0.16
23.60	0.18	28,219	183.55	0.16
23.70	0.18	28,228	183.55	0.16
23.80	0.18	28,237	183.55	0.16
23.90	0.18	28,245	183.55	0.16
24.00	0.18	28,253	183.55	0.16
24.10	0.16	28,258	183.55	0.16
24.20	0.14	28,255	183.55	0.16
24.30	0.13	28,246	183.55	0.16
24.40	0.12	28,235	183.55	0.16
24.50	0.11	28,220	183.55	0.16
24.60	0.10	28,202	183.55	0.16
24.70	0.10	28,182	183.54	0.16
24.80	0.09	28,159	183.54	0.16
24.90	0.09	28,135	183.54	0.15
25.00	0.08	28,110	183.54	0.15
25.10	0.08	28,083	183.54	0.15
25.20	0.08	28,055	183.53	0.15
25.30	0.07	28,026	183.53	0.15
25.40	0.07	27,997	183.53	0.15
25.50	0.07	27,966	183.52	0.15
25.60	0.06	27,934	183.52	0.15
25.70	0.06	27,901	183.52	0.15
25.80	0.06	27,867	183.51	0.15
25.90	0.06	27,833	183.51	0.15

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.05	27,797	183.51	0.15
26.10	0.05	27,761	183.50	0.15
26.20	0.05	27,724	183.50	0.15
26.30	0.05	27,687	183.50	0.15
26.40	0.04	27,649	183.49	0.15
26.50	0.04	27,610	183.49	0.15
26.60	0.04	27,571	183.49	0.15
26.70	0.04	27,532	183.48	0.15
26.80	0.04	27,491	183.48	0.15
26.90	0.04	27,451	183.47	0.15
27.00	0.03	27,410	183.47	0.15
27.10	0.03	27,368	183.47	0.15
27.20	0.03	27,326	183.46	0.15
27.30	0.03	27,284	183.46	0.15
27.40	0.03	27,241	183.45	0.15
27.50	0.03	27,198	183.45	0.15
27.60	0.03	27,155	183.44	0.15
27.70	0.02	27,112	183.44	0.15
27.80	0.02	27,068	183.44	0.15
27.90	0.02	27,024	183.43	0.15
28.00	0.02	26,980	183.43	0.14
28.10	0.02	26,936	183.42	0.14
28.20	0.02	26,891	183.42	0.14
28.30	0.02	26,847	183.41	0.14
28.40	0.02	26,803	183.41	0.14
28.50	0.02	26,759	183.41	0.14
28.60	0.02	26,715	183.40	0.14
28.70	0.02	26,671	183.40	0.14
28.80	0.02	26,627	183.39	0.14
28.90	0.02	26,583	183.39	0.14
29.00	0.02	26,540	183.38	0.14
29.10	0.02	26,496	183.38	0.14
29.20	0.02	26,452	183.38	0.14
29.30	0.02	26,408	183.37	0.14
29.40	0.02	26,365	183.37	0.14
29.50	0.02	26,321	183.36	0.14
29.60	0.02	26,278	183.36	0.14
29.70	0.02	26,234	183.35	0.14
29.80	0.02	26,191	183.35	0.14
29.90	0.02	26,148	183.35	0.14
30.00	0.02	26,105	183.34	0.14
30.10	0.02	26,062	183.34	0.14
30.20	0.02	26,018	183.33	0.14
30.30	0.02	25,976	183.33	0.14
30.40	0.02	25,933	183.32	0.13
30.50	0.02	25,890	183.32	0.13
30.60	0.02	25,847	183.31	0.13
30.70	0.01	25,804	183.31	0.13
30.80	0.01	25,762	183.31	0.13
30.90	0.01	25,719	183.30	0.13
31.00	0.01	25,677	183.30	0.13
31.10	0.01	25,635	183.29	0.13

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.01	25,592	183.29	0.13
31.30	0.01	25,550	183.29	0.13
31.40	0.01	25,508	183.28	0.13
31.50	0.01	25,466	183.28	0.13
31.60	0.01	25,424	183.27	0.13
31.70	0.01	25,382	183.27	0.13
31.80	0.01	25,341	183.26	0.13
31.90	0.01	25,299	183.26	0.13
32.00	0.01	25,258	183.26	0.13
32.10	0.01	25,216	183.25	0.13
32.20	0.01	25,175	183.25	0.13
32.30	0.01	25,134	183.24	0.13
32.40	0.01	25,092	183.24	0.13
32.50	0.01	25,051	183.23	0.13
32.60	0.01	25,011	183.23	0.12
32.70	0.01	24,970	183.23	0.12
32.80	0.01	24,929	183.22	0.12
32.90	0.01	24,888	183.22	0.12
33.00	0.01	24,848	183.21	0.12
33.10	0.01	24,808	183.21	0.12
33.20	0.01	24,767	183.21	0.12
33.30	0.01	24,727	183.20	0.12
33.40	0.01	24,687	183.20	0.12
33.50	0.01	24,647	183.19	0.12
33.60	0.01	24,607	183.19	0.12
33.70	0.01	24,568	183.19	0.12
33.80	0.01	24,528	183.18	0.12
33.90	0.01	24,488	183.18	0.12
34.00	0.01	24,449	183.17	0.12
34.10	0.01	24,410	183.17	0.12
34.20	0.01	24,371	183.17	0.12
34.30	0.01	24,332	183.16	0.12
34.40	0.01	24,293	183.16	0.12
34.50	0.01	24,254	183.15	0.12
34.60	0.01	24,215	183.15	0.12
34.70	0.01	24,177	183.15	0.12
34.80	0.01	24,138	183.14	0.11
34.90	0.01	24,100	183.14	0.11
35.00	0.01	24,062	183.13	0.11
35.10	0.01	24,024	183.13	0.11
35.20	0.01	23,986	183.13	0.11
35.30	0.01	23,948	183.12	0.11
35.40	0.01	23,911	183.12	0.11
35.50	0.01	23,873	183.11	0.11
35.60	0.01	23,836	183.11	0.11
35.70	0.01	23,798	183.11	0.11
35.80	0.01	23,761	183.10	0.11
35.90	0.01	23,724	183.10	0.11
36.00	0.01	23,687	183.09	0.11
36.10	0.01	23,651	183.09	0.11
36.20	0.01	23,614	183.09	0.11
36.30	0.01	23,578	183.08	0.11

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	23,541	183.08	0.11
36.50	0.01	23,505	183.08	0.11
36.60	0.01	23,469	183.07	0.11
36.70	0.01	23,433	183.07	0.11
36.80	0.01	23,398	183.06	0.11
36.90	0.01	23,362	183.06	0.11
37.00	0.01	23,326	183.06	0.10
37.10	0.01	23,291	183.05	0.10
37.20	0.01	23,256	183.05	0.10
37.30	0.01	23,221	183.05	0.10
37.40	0.01	23,186	183.04	0.10
37.50	0.01	23,151	183.04	0.10
37.60	0.01	23,116	183.03	0.10
37.70	0.01	23,082	183.03	0.10
37.80	0.01	23,048	183.03	0.10
37.90	0.01	23,013	183.02	0.10
38.00	0.01	22,979	183.02	0.10
38.10	0.01	22,945	183.02	0.10
38.20	0.01	22,912	183.01	0.10
38.30	0.01	22,878	183.01	0.10
38.40	0.01	22,844	183.01	0.10
38.50	0.01	22,811	183.00	0.10
38.60	0.00	22,778	183.00	0.10
38.70	0.00	22,745	183.00	0.10
38.80	0.00	22,712	182.99	0.10
38.90	0.00	22,679	182.99	0.10
39.00	0.00	22,647	182.99	0.10
39.10	0.00	22,614	182.98	0.09
39.20	0.00	22,582	182.98	0.09
39.30	0.00	22,550	182.98	0.09
39.40	0.00	22,518	182.97	0.09
39.50	0.00	22,486	182.97	0.09
39.60	0.00	22,454	182.97	0.09
39.70	0.00	22,423	182.96	0.09
39.80	0.00	22,391	182.96	0.09
39.90	0.00	22,360	182.96	0.09
40.00	0.00	22,329	182.95	0.09

Stage-Discharge for Pond B-46B: Basin #46B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.00
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.00
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.00
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.00
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.00
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.00
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.00
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.00
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.00
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.00
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.00
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.00
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.00
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.00
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.00
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.00
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.00
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.00
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.00
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.00
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.00
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.00
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.00
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.00
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.00
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.00
180.26	0.00	180.78	0.00	181.30	0.00	181.82	0.00
180.27	0.00	180.79	0.00	181.31	0.00	181.83	0.00
180.28	0.00	180.80	0.00	181.32	0.00	181.84	0.00
180.29	0.00	180.81	0.00	181.33	0.00	181.85	0.00
180.30	0.00	180.82	0.00	181.34	0.00	181.86	0.00
180.31	0.00	180.83	0.00	181.35	0.00	181.87	0.00
180.32	0.00	180.84	0.00	181.36	0.00	181.88	0.00
180.33	0.00	180.85	0.00	181.37	0.00	181.89	0.00
180.34	0.00	180.86	0.00	181.38	0.00	181.90	0.00
180.35	0.00	180.87	0.00	181.39	0.00	181.91	0.00
180.36	0.00	180.88	0.00	181.40	0.00	181.92	0.00
180.37	0.00	180.89	0.00	181.41	0.00	181.93	0.00
180.38	0.00	180.90	0.00	181.42	0.00	181.94	0.00
180.39	0.00	180.91	0.00	181.43	0.00	181.95	0.00
180.40	0.00	180.92	0.00	181.44	0.00	181.96	0.00
180.41	0.00	180.93	0.00	181.45	0.00	181.97	0.00
180.42	0.00	180.94	0.00	181.46	0.00	181.98	0.00
180.43	0.00	180.95	0.00	181.47	0.00	181.99	0.00
180.44	0.00	180.96	0.00	181.48	0.00	182.00	0.00
180.45	0.00	180.97	0.00	181.49	0.00	182.01	0.00
180.46	0.00	180.98	0.00	181.50	0.00	182.02	0.00
180.47	0.00	180.99	0.00	181.51	0.00	182.03	0.00
180.48	0.00	181.00	0.00	181.52	0.00	182.04	0.00
180.49	0.00	181.01	0.00	181.53	0.00	182.05	0.00
180.50	0.00	181.02	0.00	181.54	0.00	182.06	0.00
180.51	0.00	181.03	0.00	181.55	0.00	182.07	0.00

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.00	182.60	0.00	183.12	0.11	183.64	0.16
182.09	0.00	182.61	0.00	183.13	0.11	183.65	0.16
182.10	0.00	182.62	0.00	183.14	0.11	183.66	0.16
182.11	0.00	182.63	0.00	183.15	0.12	183.67	0.17
182.12	0.00	182.64	0.00	183.16	0.12	183.68	0.17
182.13	0.00	182.65	0.00	183.17	0.12	183.69	0.17
182.14	0.00	182.66	0.00	183.18	0.12	183.70	0.17
182.15	0.00	182.67	0.00	183.19	0.12	183.71	0.17
182.16	0.00	182.68	0.00	183.20	0.12	183.72	0.17
182.17	0.00	182.69	0.01	183.21	0.12	183.73	0.17
182.18	0.00	182.70	0.01	183.22	0.12	183.74	0.17
182.19	0.00	182.71	0.02	183.23	0.13	183.75	0.17
182.20	0.00	182.72	0.03	183.24	0.13	183.76	0.17
182.21	0.00	182.73	0.04	183.25	0.13	183.77	0.17
182.22	0.00	182.74	0.04	183.26	0.13	183.78	0.17
182.23	0.00	182.75	0.05	183.27	0.13	183.79	0.18
182.24	0.00	182.76	0.05	183.28	0.13	183.80	0.18
182.25	0.00	182.77	0.06	183.29	0.13	183.81	0.18
182.26	0.00	182.78	0.06	183.30	0.13	183.82	0.18
182.27	0.00	182.79	0.06	183.31	0.13	183.83	0.18
182.28	0.00	182.80	0.06	183.32	0.13	183.84	0.18
182.29	0.00	182.81	0.07	183.33	0.14	183.85	0.18
182.30	0.00	182.82	0.07	183.34	0.14	183.86	0.18
182.31	0.00	182.83	0.07	183.35	0.14	183.87	0.18
182.32	0.00	182.84	0.07	183.36	0.14	183.88	0.18
182.33	0.00	182.85	0.07	183.37	0.14	183.89	0.18
182.34	0.00	182.86	0.08	183.38	0.14	183.90	0.18
182.35	0.00	182.87	0.08	183.39	0.14	183.91	0.18
182.36	0.00	182.88	0.08	183.40	0.14	183.92	0.18
182.37	0.00	182.89	0.08	183.41	0.14	183.93	0.19
182.38	0.00	182.90	0.08	183.42	0.14	183.94	0.19
182.39	0.00	182.91	0.08	183.43	0.14	183.95	0.19
182.40	0.00	182.92	0.09	183.44	0.15	183.96	0.19
182.41	0.00	182.93	0.09	183.45	0.15	183.97	0.19
182.42	0.00	182.94	0.09	183.46	0.15	183.98	0.19
182.43	0.00	182.95	0.09	183.47	0.15	183.99	0.19
182.44	0.00	182.96	0.09	183.48	0.15	184.00	0.19
182.45	0.00	182.97	0.09	183.49	0.15	184.01	0.19
182.46	0.00	182.98	0.09	183.50	0.15	184.02	0.19
182.47	0.00	182.99	0.10	183.51	0.15	184.03	0.19
182.48	0.00	183.00	0.10	183.52	0.15	184.04	0.19
182.49	0.00	183.01	0.10	183.53	0.15	184.05	0.19
182.50	0.00	183.02	0.10	183.54	0.15	184.06	0.19
182.51	0.00	183.03	0.10	183.55	0.16	184.07	0.20
182.52	0.00	183.04	0.10	183.56	0.16	184.08	0.20
182.53	0.00	183.05	0.10	183.57	0.16	184.09	0.20
182.54	0.00	183.06	0.11	183.58	0.16	184.10	0.20
182.55	0.00	183.07	0.11	183.59	0.16	184.11	0.20
182.56	0.00	183.08	0.11	183.60	0.16	184.12	0.20
182.57	0.00	183.09	0.11	183.61	0.16	184.13	0.20
182.58	0.00	183.10	0.11	183.62	0.16	184.14	0.20
182.59	0.00	183.11	0.11	183.63	0.16	184.15	0.20

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	0.20	184.68	0.23	185.20	0.26	185.72	0.29
184.17	0.20	184.69	0.23	185.21	0.26	185.73	0.29
184.18	0.20	184.70	0.24	185.22	0.26	185.74	0.29
184.19	0.20	184.71	0.24	185.23	0.26	185.75	0.29
184.20	0.20	184.72	0.24	185.24	0.26	185.76	0.29
184.21	0.21	184.73	0.24	185.25	0.26	185.77	0.29
184.22	0.21	184.74	0.24	185.26	0.27	185.78	0.29
184.23	0.21	184.75	0.24	185.27	0.27	185.79	0.29
184.24	0.21	184.76	0.24	185.28	0.27	185.80	0.29
184.25	0.21	184.77	0.24	185.29	0.27	185.81	0.29
184.26	0.21	184.78	0.24	185.30	0.27	185.82	0.29
184.27	0.21	184.79	0.24	185.31	0.27	185.83	0.29
184.28	0.21	184.80	0.24	185.32	0.27	185.84	0.29
184.29	0.21	184.81	0.24	185.33	0.27	185.85	0.29
184.30	0.21	184.82	0.24	185.34	0.27	185.86	0.29
184.31	0.21	184.83	0.24	185.35	0.27	185.87	0.29
184.32	0.21	184.84	0.24	185.36	0.27	185.88	0.29
184.33	0.21	184.85	0.24	185.37	0.27	185.89	0.30
184.34	0.21	184.86	0.24	185.38	0.27	185.90	0.30
184.35	0.21	184.87	0.24	185.39	0.27	185.91	0.30
184.36	0.21	184.88	0.25	185.40	0.27	185.92	0.30
184.37	0.22	184.89	0.25	185.41	0.27	185.93	0.30
184.38	0.22	184.90	0.25	185.42	0.27	185.94	0.30
184.39	0.22	184.91	0.25	185.43	0.27	185.95	0.30
184.40	0.22	184.92	0.25	185.44	0.27	185.96	0.30
184.41	0.22	184.93	0.25	185.45	0.27	185.97	0.30
184.42	0.22	184.94	0.25	185.46	0.28	185.98	0.30
184.43	0.22	184.95	0.25	185.47	0.28	185.99	0.30
184.44	0.22	184.96	0.25	185.48	0.28	186.00	0.30
184.45	0.22	184.97	0.25	185.49	0.28	186.01	0.30
184.46	0.22	184.98	0.25	185.50	0.28	186.02	0.30
184.47	0.22	184.99	0.25	185.51	0.28	186.03	0.30
184.48	0.22	185.00	0.25	185.52	0.28	186.04	0.30
184.49	0.22	185.01	0.25	185.53	0.28	186.05	0.30
184.50	0.22	185.02	0.25	185.54	0.28	186.06	0.30
184.51	0.22	185.03	0.25	185.55	0.28	186.07	0.30
184.52	0.22	185.04	0.25	185.56	0.28	186.08	0.30
184.53	0.23	185.05	0.25	185.57	0.28	186.09	0.30
184.54	0.23	185.06	0.25	185.58	0.28	186.10	0.30
184.55	0.23	185.07	0.26	185.59	0.28	186.11	0.31
184.56	0.23	185.08	0.26	185.60	0.28	186.12	0.31
184.57	0.23	185.09	0.26	185.61	0.28	186.13	0.31
184.58	0.23	185.10	0.26	185.62	0.28	186.14	0.31
184.59	0.23	185.11	0.26	185.63	0.28	186.15	0.31
184.60	0.23	185.12	0.26	185.64	0.28	186.16	0.31
184.61	0.23	185.13	0.26	185.65	0.28	186.17	0.31
184.62	0.23	185.14	0.26	185.66	0.28	186.18	0.31
184.63	0.23	185.15	0.26	185.67	0.29	186.19	0.31
184.64	0.23	185.16	0.26	185.68	0.29	186.20	0.31
184.65	0.23	185.17	0.26	185.69	0.29	186.21	0.31
184.66	0.23	185.18	0.26	185.70	0.29	186.22	0.31
184.67	0.23	185.19	0.26	185.71	0.29	186.23	0.31

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	0.31	186.76	0.33	187.28	2.26	187.80	29.53
186.25	0.31	186.77	0.33	187.29	2.37	187.81	30.79
186.26	0.31	186.78	0.33	187.30	2.47	187.82	32.07
186.27	0.31	186.79	0.33	187.31	2.58	187.83	33.39
186.28	0.31	186.80	0.33	187.32	2.68	187.84	34.72
186.29	0.31	186.81	0.33	187.33	2.79	187.85	36.09
186.30	0.31	186.82	0.34	187.34	2.90	187.86	37.47
186.31	0.31	186.83	0.34	187.35	3.02	187.87	38.89
186.32	0.31	186.84	0.34	187.36	3.13	187.88	40.32
186.33	0.31	186.85	0.34	187.37	3.25	187.89	41.78
186.34	0.32	186.86	0.34	187.38	3.36	187.90	43.27
186.35	0.32	186.87	0.34	187.39	3.48	187.91	44.81
186.36	0.32	186.88	0.34	187.40	3.60	187.92	46.38
186.37	0.32	186.89	0.34	187.41	3.72	187.93	47.97
186.38	0.32	186.90	0.34	187.42	3.84	187.94	49.59
186.39	0.32	186.91	0.34	187.43	3.97	187.95	51.23
186.40	0.32	186.92	0.34	187.44	4.09	187.96	52.91
186.41	0.32	186.93	0.34	187.45	4.22	187.97	54.61
186.42	0.32	186.94	0.34	187.46	4.35	187.98	56.33
186.43	0.32	186.95	0.34	187.47	4.48	187.99	58.09
186.44	0.32	186.96	0.34	187.48	4.61	188.00	59.87
186.45	0.32	186.97	0.34	187.49	4.74		
186.46	0.32	186.98	0.34	187.50	4.87		
186.47	0.32	186.99	0.34	187.51	5.12		
186.48	0.32	187.00	0.34	187.52	5.47		
186.49	0.32	187.01	0.36	187.53	5.88		
186.50	0.32	187.02	0.38	187.54	6.35		
186.51	0.32	187.03	0.41	187.55	6.86		
186.52	0.32	187.04	0.45	187.56	7.42		
186.53	0.32	187.05	0.49	187.57	8.01		
186.54	0.32	187.06	0.54	187.58	8.63		
186.55	0.32	187.07	0.59	187.59	9.29		
186.56	0.32	187.08	0.64	187.60	9.98		
186.57	0.32	187.09	0.70	187.61	10.70		
186.58	0.33	187.10	0.76	187.62	11.45		
186.59	0.33	187.11	0.82	187.63	12.22		
186.60	0.33	187.12	0.89	187.64	13.02		
186.61	0.33	187.13	0.96	187.65	13.84		
186.62	0.33	187.14	1.03	187.66	14.69		
186.63	0.33	187.15	1.10	187.67	15.57		
186.64	0.33	187.16	1.18	187.68	16.47		
186.65	0.33	187.17	1.26	187.69	17.38		
186.66	0.33	187.18	1.34	187.70	18.33		
186.67	0.33	187.19	1.42	187.71	19.33		
186.68	0.33	187.20	1.51	187.72	20.36		
186.69	0.33	187.21	1.60	187.73	21.41		
186.70	0.33	187.22	1.69	187.74	22.49		
186.71	0.33	187.23	1.78	187.75	23.60		
186.72	0.33	187.24	1.87	187.76	24.73		
186.73	0.33	187.25	1.97	187.77	25.89		
186.74	0.33	187.26	2.06	187.78	27.08		
186.75	0.33	187.27	2.16	187.79	28.29		

Stage-Area-Storage for Pond B-46B: Basin #46B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,813	0	180.52	6,410	3,178
180.01	5,824	58	180.53	6,421	3,242
180.02	5,836	116	180.54	6,433	3,306
180.03	5,847	175	180.55	6,444	3,371
180.04	5,859	233	180.56	6,456	3,435
180.05	5,870	292	180.57	6,467	3,500
180.06	5,882	351	180.58	6,479	3,565
180.07	5,893	410	180.59	6,490	3,629
180.08	5,905	469	180.60	6,502	3,694
180.09	5,916	528	180.61	6,513	3,760
180.10	5,928	587	180.62	6,525	3,825
180.11	5,939	646	180.63	6,536	3,890
180.12	5,951	706	180.64	6,548	3,955
180.13	5,962	765	180.65	6,559	4,021
180.14	5,974	825	180.66	6,571	4,087
180.15	5,985	885	180.67	6,582	4,152
180.16	5,997	945	180.68	6,594	4,218
180.17	6,008	1,005	180.69	6,605	4,284
180.18	6,020	1,065	180.70	6,617	4,350
180.19	6,031	1,125	180.71	6,628	4,417
180.20	6,043	1,186	180.72	6,640	4,483
180.21	6,054	1,246	180.73	6,651	4,549
180.22	6,066	1,307	180.74	6,663	4,616
180.23	6,077	1,367	180.75	6,674	4,683
180.24	6,089	1,428	180.76	6,685	4,749
180.25	6,100	1,489	180.77	6,697	4,816
180.26	6,111	1,550	180.78	6,708	4,883
180.27	6,123	1,611	180.79	6,720	4,951
180.28	6,134	1,673	180.80	6,731	5,018
180.29	6,146	1,734	180.81	6,743	5,085
180.30	6,157	1,796	180.82	6,754	5,153
180.31	6,169	1,857	180.83	6,766	5,220
180.32	6,180	1,919	180.84	6,777	5,288
180.33	6,192	1,981	180.85	6,789	5,356
180.34	6,203	2,043	180.86	6,800	5,424
180.35	6,215	2,105	180.87	6,812	5,492
180.36	6,226	2,167	180.88	6,823	5,560
180.37	6,238	2,229	180.89	6,835	5,628
180.38	6,249	2,292	180.90	6,846	5,697
180.39	6,261	2,354	180.91	6,858	5,765
180.40	6,272	2,417	180.92	6,869	5,834
180.41	6,284	2,480	180.93	6,881	5,903
180.42	6,295	2,543	180.94	6,892	5,971
180.43	6,307	2,606	180.95	6,904	6,040
180.44	6,318	2,669	180.96	6,915	6,109
180.45	6,330	2,732	180.97	6,927	6,179
180.46	6,341	2,795	180.98	6,938	6,248
180.47	6,353	2,859	180.99	6,950	6,317
180.48	6,364	2,922	181.00	6,961	6,387
180.49	6,376	2,986	181.01	6,973	6,457
180.50	6,387	3,050	181.02	6,985	6,526
180.51	6,398	3,114	181.03	6,998	6,596

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	7,010	6,666	181.56	7,644	10,476
181.05	7,022	6,737	181.57	7,656	10,553
181.06	7,034	6,807	181.58	7,669	10,630
181.07	7,046	6,877	181.59	7,681	10,706
181.08	7,059	6,948	181.60	7,693	10,783
181.09	7,071	7,018	181.61	7,705	10,860
181.10	7,083	7,089	181.62	7,717	10,937
181.11	7,095	7,160	181.63	7,730	11,015
181.12	7,107	7,231	181.64	7,742	11,092
181.13	7,120	7,302	181.65	7,754	11,169
181.14	7,132	7,373	181.66	7,766	11,247
181.15	7,144	7,445	181.67	7,778	11,325
181.16	7,156	7,516	181.68	7,791	11,403
181.17	7,168	7,588	181.69	7,803	11,481
181.18	7,181	7,660	181.70	7,815	11,559
181.19	7,193	7,732	181.71	7,827	11,637
181.20	7,205	7,804	181.72	7,839	11,715
181.21	7,217	7,876	181.73	7,852	11,794
181.22	7,229	7,948	181.74	7,864	11,872
181.23	7,242	8,020	181.75	7,876	11,951
181.24	7,254	8,093	181.76	7,888	12,030
181.25	7,266	8,165	181.77	7,900	12,109
181.26	7,278	8,238	181.78	7,913	12,188
181.27	7,290	8,311	181.79	7,925	12,267
181.28	7,303	8,384	181.80	7,937	12,346
181.29	7,315	8,457	181.81	7,949	12,426
181.30	7,327	8,530	181.82	7,961	12,505
181.31	7,339	8,604	181.83	7,974	12,585
181.32	7,351	8,677	181.84	7,986	12,665
181.33	7,364	8,751	181.85	7,998	12,745
181.34	7,376	8,824	181.86	8,010	12,825
181.35	7,388	8,898	181.87	8,022	12,905
181.36	7,400	8,972	181.88	8,035	12,985
181.37	7,412	9,046	181.89	8,047	13,065
181.38	7,425	9,120	181.90	8,059	13,146
181.39	7,437	9,195	181.91	8,071	13,227
181.40	7,449	9,269	181.92	8,083	13,307
181.41	7,461	9,344	181.93	8,096	13,388
181.42	7,473	9,418	181.94	8,108	13,469
181.43	7,486	9,493	181.95	8,120	13,550
181.44	7,498	9,568	181.96	8,132	13,632
181.45	7,510	9,643	181.97	8,144	13,713
181.46	7,522	9,718	181.98	8,157	13,795
181.47	7,534	9,793	181.99	8,169	13,876
181.48	7,547	9,869	182.00	8,181	13,958
181.49	7,559	9,944	182.01	8,194	14,040
181.50	7,571	10,020	182.02	8,207	14,122
181.51	7,583	10,096	182.03	8,220	14,204
181.52	7,595	10,172	182.04	8,233	14,286
181.53	7,608	10,248	182.05	8,246	14,369
181.54	7,620	10,324	182.06	8,258	14,451
181.55	7,632	10,400	182.07	8,271	14,534

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,284	14,617	182.60	8,955	19,099
182.09	8,297	14,700	182.61	8,968	19,188
182.10	8,310	14,783	182.62	8,981	19,278
182.11	8,323	14,866	182.63	8,994	19,368
182.12	8,336	14,949	182.64	9,007	19,458
182.13	8,349	15,032	182.65	9,020	19,548
182.14	8,362	15,116	182.66	9,032	19,638
182.15	8,375	15,200	182.67	9,045	19,729
182.16	8,387	15,283	182.68	9,058	19,819
182.17	8,400	15,367	182.69	9,071	19,910
182.18	8,413	15,451	182.70	9,084	20,001
182.19	8,426	15,536	182.71	9,097	20,092
182.20	8,439	15,620	182.72	9,110	20,183
182.21	8,452	15,704	182.73	9,123	20,274
182.22	8,465	15,789	182.74	9,136	20,365
182.23	8,478	15,874	182.75	9,149	20,457
182.24	8,491	15,959	182.76	9,161	20,548
182.25	8,504	16,044	182.77	9,174	20,640
182.26	8,516	16,129	182.78	9,187	20,732
182.27	8,529	16,214	182.79	9,200	20,824
182.28	8,542	16,299	182.80	9,213	20,916
182.29	8,555	16,385	182.81	9,226	21,008
182.30	8,568	16,470	182.82	9,239	21,100
182.31	8,581	16,556	182.83	9,252	21,193
182.32	8,594	16,642	182.84	9,265	21,285
182.33	8,607	16,728	182.85	9,277	21,378
182.34	8,620	16,814	182.86	9,290	21,471
182.35	8,632	16,900	182.87	9,303	21,564
182.36	8,645	16,987	182.88	9,316	21,657
182.37	8,658	17,073	182.89	9,329	21,750
182.38	8,671	17,160	182.90	9,342	21,843
182.39	8,684	17,247	182.91	9,355	21,937
182.40	8,697	17,334	182.92	9,368	22,030
182.41	8,710	17,421	182.93	9,381	22,124
182.42	8,723	17,508	182.94	9,394	22,218
182.43	8,736	17,595	182.95	9,406	22,312
182.44	8,749	17,683	182.96	9,419	22,406
182.45	8,761	17,770	182.97	9,432	22,500
182.46	8,774	17,858	182.98	9,445	22,595
182.47	8,787	17,946	182.99	9,458	22,689
182.48	8,800	18,033	183.00	9,471	22,784
182.49	8,813	18,122	183.01	9,487	22,879
182.50	8,826	18,210	183.02	9,503	22,974
182.51	8,839	18,298	183.03	9,519	23,069
182.52	8,852	18,387	183.04	9,535	23,164
182.53	8,865	18,475	183.05	9,550	23,260
182.54	8,878	18,564	183.06	9,566	23,355
182.55	8,891	18,653	183.07	9,582	23,451
182.56	8,903	18,742	183.08	9,598	23,547
182.57	8,916	18,831	183.09	9,614	23,643
182.58	8,929	18,920	183.10	9,630	23,739
182.59	8,942	19,009	183.11	9,646	23,835

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,662	23,932	183.64	10,487	29,171
183.13	9,677	24,029	183.65	10,503	29,276
183.14	9,693	24,126	183.66	10,519	29,381
183.15	9,709	24,223	183.67	10,535	29,486
183.16	9,725	24,320	183.68	10,551	29,591
183.17	9,741	24,417	183.69	10,567	29,697
183.18	9,757	24,515	183.70	10,583	29,803
183.19	9,773	24,612	183.71	10,598	29,909
183.20	9,789	24,710	183.72	10,614	30,015
183.21	9,804	24,808	183.73	10,630	30,121
183.22	9,820	24,906	183.74	10,646	30,227
183.23	9,836	25,004	183.75	10,662	30,334
183.24	9,852	25,103	183.76	10,678	30,441
183.25	9,868	25,201	183.77	10,694	30,547
183.26	9,884	25,300	183.78	10,710	30,654
183.27	9,900	25,399	183.79	10,726	30,762
183.28	9,916	25,498	183.80	10,741	30,869
183.29	9,932	25,597	183.81	10,757	30,976
183.30	9,947	25,697	183.82	10,773	31,084
183.31	9,963	25,796	183.83	10,789	31,192
183.32	9,979	25,896	183.84	10,805	31,300
183.33	9,995	25,996	183.85	10,821	31,408
183.34	10,011	26,096	183.86	10,837	31,516
183.35	10,027	26,196	183.87	10,853	31,625
183.36	10,043	26,296	183.88	10,868	31,733
183.37	10,059	26,397	183.89	10,884	31,842
183.38	10,074	26,498	183.90	10,900	31,951
183.39	10,090	26,598	183.91	10,916	32,060
183.40	10,106	26,699	183.92	10,932	32,169
183.41	10,122	26,801	183.93	10,948	32,279
183.42	10,138	26,902	183.94	10,964	32,388
183.43	10,154	27,003	183.95	10,980	32,498
183.44	10,170	27,105	183.96	10,995	32,608
183.45	10,186	27,207	183.97	11,011	32,718
183.46	10,201	27,309	183.98	11,027	32,828
183.47	10,217	27,411	183.99	11,043	32,938
183.48	10,233	27,513	184.00	11,059	33,049
183.49	10,249	27,615	184.01	11,072	33,160
183.50	10,265	27,718	184.02	11,086	33,270
183.51	10,281	27,821	184.03	11,099	33,381
183.52	10,297	27,924	184.04	11,113	33,492
183.53	10,313	28,027	184.05	11,126	33,604
183.54	10,329	28,130	184.06	11,140	33,715
183.55	10,344	28,233	184.07	11,153	33,826
183.56	10,360	28,337	184.08	11,166	33,938
183.57	10,376	28,440	184.09	11,180	34,050
183.58	10,392	28,544	184.10	11,193	34,162
183.59	10,408	28,648	184.11	11,207	34,274
183.60	10,424	28,752	184.12	11,220	34,386
183.61	10,440	28,857	184.13	11,234	34,498
183.62	10,456	28,961	184.14	11,247	34,610
183.63	10,471	29,066	184.15	11,260	34,723

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	11,274	34,836	184.68	11,972	40,880
184.17	11,287	34,948	184.69	11,986	40,999
184.18	11,301	35,061	184.70	11,999	41,119
184.19	11,314	35,174	184.71	12,013	41,239
184.20	11,328	35,288	184.72	12,026	41,360
184.21	11,341	35,401	184.73	12,039	41,480
184.22	11,354	35,514	184.74	12,053	41,600
184.23	11,368	35,628	184.75	12,066	41,721
184.24	11,381	35,742	184.76	12,080	41,842
184.25	11,395	35,856	184.77	12,093	41,963
184.26	11,408	35,970	184.78	12,107	42,084
184.27	11,422	36,084	184.79	12,120	42,205
184.28	11,435	36,198	184.80	12,133	42,326
184.29	11,448	36,313	184.81	12,147	42,447
184.30	11,462	36,427	184.82	12,160	42,569
184.31	11,475	36,542	184.83	12,174	42,691
184.32	11,489	36,657	184.84	12,187	42,812
184.33	11,502	36,772	184.85	12,201	42,934
184.34	11,516	36,887	184.86	12,214	43,056
184.35	11,529	37,002	184.87	12,227	43,179
184.36	11,542	37,117	184.88	12,241	43,301
184.37	11,556	37,233	184.89	12,254	43,423
184.38	11,569	37,348	184.90	12,268	43,546
184.39	11,583	37,464	184.91	12,281	43,669
184.40	11,596	37,580	184.92	12,295	43,792
184.41	11,610	37,696	184.93	12,308	43,915
184.42	11,623	37,812	184.94	12,321	44,038
184.43	11,636	37,929	184.95	12,335	44,161
184.44	11,650	38,045	184.96	12,348	44,284
184.45	11,663	38,162	184.97	12,362	44,408
184.46	11,677	38,278	184.98	12,375	44,532
184.47	11,690	38,395	184.99	12,389	44,656
184.48	11,704	38,512	185.00	12,402	44,780
184.49	11,717	38,629	185.01	12,416	44,904
184.50	11,731	38,746	185.02	12,430	45,028
184.51	11,744	38,864	185.03	12,444	45,152
184.52	11,757	38,981	185.04	12,458	45,277
184.53	11,771	39,099	185.05	12,472	45,401
184.54	11,784	39,217	185.06	12,486	45,526
184.55	11,798	39,335	185.07	12,500	45,651
184.56	11,811	39,453	185.08	12,514	45,776
184.57	11,825	39,571	185.09	12,528	45,901
184.58	11,838	39,689	185.10	12,542	46,027
184.59	11,851	39,808	185.11	12,556	46,152
184.60	11,865	39,926	185.12	12,570	46,278
184.61	11,878	40,045	185.13	12,584	46,404
184.62	11,892	40,164	185.14	12,598	46,530
184.63	11,905	40,283	185.15	12,612	46,656
184.64	11,919	40,402	185.16	12,626	46,782
184.65	11,932	40,521	185.17	12,640	46,908
184.66	11,945	40,640	185.18	12,654	47,035
184.67	11,959	40,760	185.19	12,668	47,161

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	12,682	47,288	185.72	13,411	54,072
185.21	12,696	47,415	185.73	13,425	54,206
185.22	12,710	47,542	185.74	13,439	54,341
185.23	12,724	47,669	185.75	13,453	54,475
185.24	12,738	47,796	185.76	13,467	54,610
185.25	12,752	47,924	185.77	13,481	54,744
185.26	12,766	48,051	185.78	13,495	54,879
185.27	12,780	48,179	185.79	13,509	55,014
185.28	12,794	48,307	185.80	13,523	55,149
185.29	12,808	48,435	185.81	13,537	55,285
185.30	12,822	48,563	185.82	13,551	55,420
185.31	12,836	48,691	185.83	13,565	55,556
185.32	12,850	48,820	185.84	13,579	55,691
185.33	12,864	48,948	185.85	13,593	55,827
185.34	12,878	49,077	185.86	13,607	55,963
185.35	12,892	49,206	185.87	13,621	56,099
185.36	12,906	49,335	185.88	13,635	56,236
185.37	12,920	49,464	185.89	13,649	56,372
185.38	12,934	49,593	185.90	13,663	56,509
185.39	12,948	49,723	185.91	13,677	56,645
185.40	12,962	49,852	185.92	13,691	56,782
185.41	12,976	49,982	185.93	13,705	56,919
185.42	12,990	50,112	185.94	13,719	57,056
185.43	13,004	50,242	185.95	13,733	57,194
185.44	13,018	50,372	185.96	13,747	57,331
185.45	13,032	50,502	185.97	13,761	57,469
185.46	13,046	50,633	185.98	13,775	57,606
185.47	13,060	50,763	185.99	13,789	57,744
185.48	13,074	50,894	186.00	13,803	57,882
185.49	13,088	51,025	186.01	13,818	58,020
185.50	13,103	51,156	186.02	13,832	58,158
185.51	13,117	51,287	186.03	13,847	58,297
185.52	13,131	51,418	186.04	13,861	58,435
185.53	13,145	51,549	186.05	13,876	58,574
185.54	13,159	51,681	186.06	13,890	58,713
185.55	13,173	51,813	186.07	13,905	58,852
185.56	13,187	51,944	186.08	13,919	58,991
185.57	13,201	52,076	186.09	13,934	59,130
185.58	13,215	52,208	186.10	13,949	59,270
185.59	13,229	52,341	186.11	13,963	59,409
185.60	13,243	52,473	186.12	13,978	59,549
185.61	13,257	52,605	186.13	13,992	59,689
185.62	13,271	52,738	186.14	14,007	59,829
185.63	13,285	52,871	186.15	14,021	59,969
185.64	13,299	53,004	186.16	14,036	60,109
185.65	13,313	53,137	186.17	14,051	60,250
185.66	13,327	53,270	186.18	14,065	60,390
185.67	13,341	53,403	186.19	14,080	60,531
185.68	13,355	53,537	186.20	14,094	60,672
185.69	13,369	53,670	186.21	14,109	60,813
185.70	13,383	53,804	186.22	14,123	60,954
185.71	13,397	53,938	186.23	14,138	61,095

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	14,152	61,237	186.76	14,910	68,793
186.25	14,167	61,378	186.77	14,924	68,942
186.26	14,182	61,520	186.78	14,939	69,091
186.27	14,196	61,662	186.79	14,953	69,241
186.28	14,211	61,804	186.80	14,968	69,390
186.29	14,225	61,946	186.81	14,982	69,540
186.30	14,240	62,088	186.82	14,997	69,690
186.31	14,254	62,231	186.83	15,011	69,840
186.32	14,269	62,374	186.84	15,026	69,990
186.33	14,283	62,516	186.85	15,041	70,141
186.34	14,298	62,659	186.86	15,055	70,291
186.35	14,313	62,802	186.87	15,070	70,442
186.36	14,327	62,945	186.88	15,084	70,592
186.37	14,342	63,089	186.89	15,099	70,743
186.38	14,356	63,232	186.90	15,113	70,894
186.39	14,371	63,376	186.91	15,128	71,046
186.40	14,385	63,520	186.92	15,143	71,197
186.41	14,400	63,664	186.93	15,157	71,348
186.42	14,415	63,808	186.94	15,172	71,500
186.43	14,429	63,952	186.95	15,186	71,652
186.44	14,444	64,096	186.96	15,201	71,804
186.45	14,458	64,241	186.97	15,215	71,956
186.46	14,473	64,385	186.98	15,230	72,108
186.47	14,487	64,530	186.99	15,244	72,260
186.48	14,502	64,675	187.00	15,259	72,413
186.49	14,516	64,820	187.01	15,274	72,566
186.50	14,531	64,966	187.02	15,289	72,718
186.51	14,546	65,111	187.03	15,304	72,871
186.52	14,560	65,256	187.04	15,320	73,025
186.53	14,575	65,402	187.05	15,335	73,178
186.54	14,589	65,548	187.06	15,350	73,331
186.55	14,604	65,694	187.07	15,365	73,485
186.56	14,618	65,840	187.08	15,380	73,639
186.57	14,633	65,986	187.09	15,395	73,792
186.58	14,647	66,133	187.10	15,410	73,946
186.59	14,662	66,279	187.11	15,425	74,101
186.60	14,677	66,426	187.12	15,441	74,255
186.61	14,691	66,573	187.13	15,456	74,409
186.62	14,706	66,720	187.14	15,471	74,564
186.63	14,720	66,867	187.15	15,486	74,719
186.64	14,735	67,014	187.16	15,501	74,874
186.65	14,749	67,162	187.17	15,516	75,029
186.66	14,764	67,309	187.18	15,531	75,184
186.67	14,779	67,457	187.19	15,546	75,340
186.68	14,793	67,605	187.20	15,562	75,495
186.69	14,808	67,753	187.21	15,577	75,651
186.70	14,822	67,901	187.22	15,592	75,807
186.71	14,837	68,049	187.23	15,607	75,963
186.72	14,851	68,198	187.24	15,622	76,119
186.73	14,866	68,346	187.25	15,637	76,275
186.74	14,880	68,495	187.26	15,652	76,431
186.75	14,895	68,644	187.27	15,668	76,588

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	15,683	76,745	187.80	16,469	85,104
187.29	15,698	76,902	187.81	16,485	85,269
187.30	15,713	77,059	187.82	16,500	85,434
187.31	15,728	77,216	187.83	16,515	85,599
187.32	15,743	77,373	187.84	16,530	85,764
187.33	15,758	77,531	187.85	16,545	85,930
187.34	15,773	77,689	187.86	16,560	86,095
187.35	15,789	77,846	187.87	16,575	86,261
187.36	15,804	78,004	187.88	16,590	86,427
187.37	15,819	78,162	187.89	16,606	86,593
187.38	15,834	78,321	187.90	16,621	86,759
187.39	15,849	78,479	187.91	16,636	86,925
187.40	15,864	78,638	187.92	16,651	87,092
187.41	15,879	78,796	187.93	16,666	87,258
187.42	15,894	78,955	187.94	16,681	87,425
187.43	15,910	79,114	187.95	16,696	87,592
187.44	15,925	79,273	187.96	16,711	87,759
187.45	15,940	79,433	187.97	16,727	87,926
187.46	15,955	79,592	187.98	16,742	88,093
187.47	15,970	79,752	187.99	16,757	88,261
187.48	15,985	79,912	188.00	16,772	88,429
187.49	16,000	80,072			
187.50	16,016	80,232			
187.51	16,031	80,392			
187.52	16,046	80,552			
187.53	16,061	80,713			
187.54	16,076	80,873			
187.55	16,091	81,034			
187.56	16,106	81,195			
187.57	16,121	81,356			
187.58	16,137	81,518			
187.59	16,152	81,679			
187.60	16,167	81,841			
187.61	16,182	82,002			
187.62	16,197	82,164			
187.63	16,212	82,326			
187.64	16,227	82,489			
187.65	16,242	82,651			
187.66	16,258	82,813			
187.67	16,273	82,976			
187.68	16,288	83,139			
187.69	16,303	83,302			
187.70	16,318	83,465			
187.71	16,333	83,628			
187.72	16,348	83,792			
187.73	16,363	83,955			
187.74	16,379	84,119			
187.75	16,394	84,283			
187.76	16,409	84,447			
187.77	16,424	84,611			
187.78	16,439	84,775			
187.79	16,454	84,940			

Summary for Pond B-47: Basin #47

Inflow Area = 2.436 ac, 30.62% Impervious, Inflow Depth = 3.81" for Future 10 yr event
 Inflow = 7.46 cfs @ 12.13 hrs, Volume= 0.773 af
 Outflow = 2.02 cfs @ 12.71 hrs, Volume= 0.592 af, Atten= 73%, Lag= 34.6 min
 Primary = 2.02 cfs @ 12.71 hrs, Volume= 0.592 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 189.80' @ 12.71 hrs Surf.Area= 22,863 sf Storage= 17,650 cf

Plug-Flow detention time= 369.0 min calculated for 0.592 af (77% of inflow)
 Center-of-Mass det. time= 278.8 min (1,078.3 - 799.5)

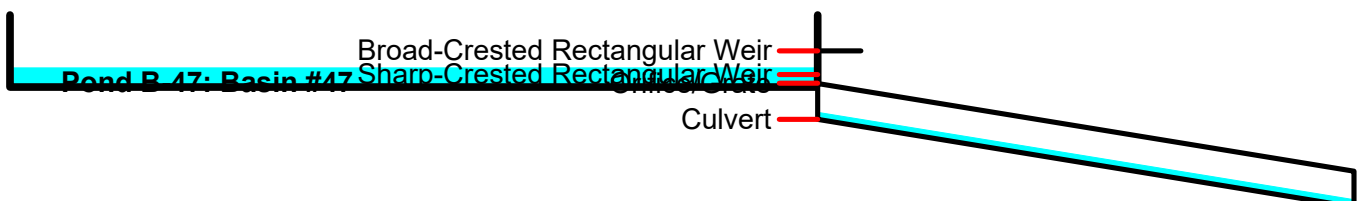
Volume	Invert	Avail.Storage	Storage Description
#1	189.00'	72,844 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

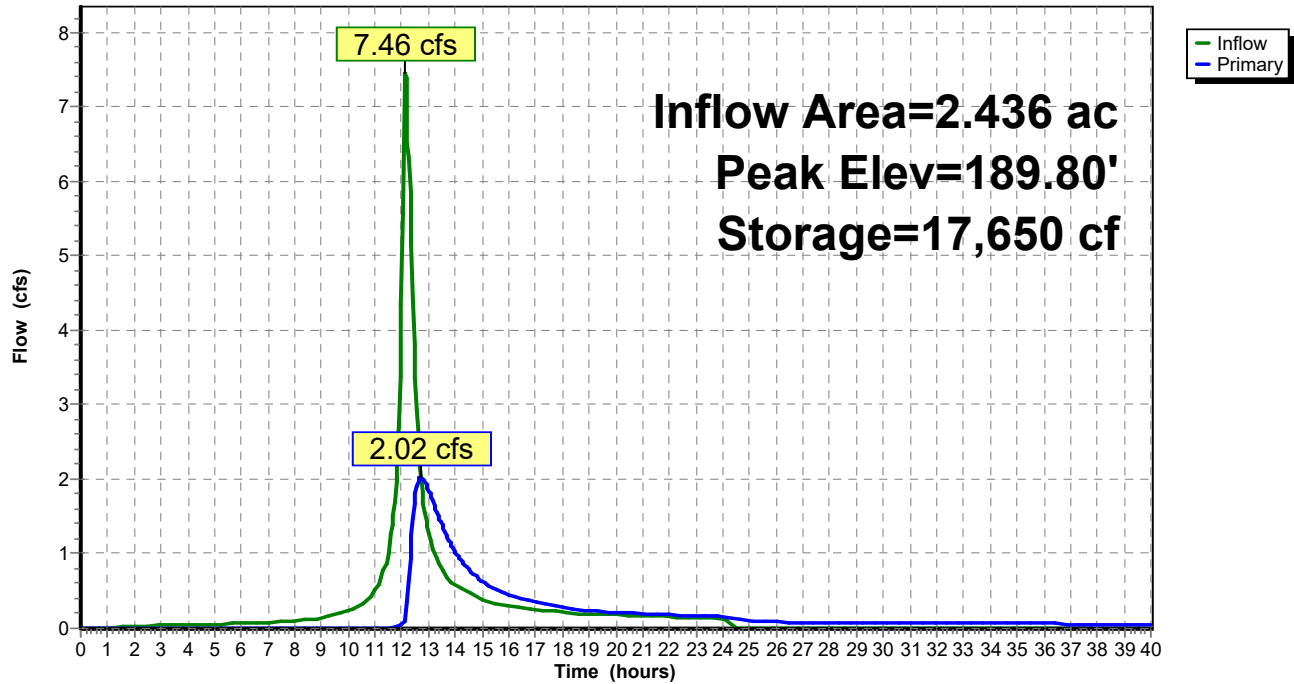
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
189.00	21,318	0	0
190.00	23,252	22,285	22,285
191.00	25,242	24,247	46,532
192.00	27,382	26,312	72,844

Device	Routing	Invert	Outlet Devices
#1	Primary	187.65'	18.0" Round Culvert L= 62.0' Ke= 0.500 Inlet / Outlet Invert= 187.65' / 184.00' S= 0.0589 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	189.16'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.52'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.51'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=2.02 cfs @ 12.71 hrs HW=189.80' (Free Discharge)

1=Culvert (Passes 2.02 cfs of 10.06 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.12 cfs @ 3.52 fps)
 3=Sharp-Crested Rectangular Weir(Weir Controls 1.90 cfs @ 1.73 fps)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-47: Basin #47**Hydrograph**

Hydrograph for Pond B-47: Basin #47

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	189.00	0.00
0.10	0.00	0	189.00	0.00
0.20	0.00	0	189.00	0.00
0.30	0.00	0	189.00	0.00
0.40	0.00	0	189.00	0.00
0.50	0.00	0	189.00	0.00
0.60	0.00	0	189.00	0.00
0.70	0.00	0	189.00	0.00
0.80	0.00	0	189.00	0.00
0.90	0.01	2	189.00	0.00
1.00	0.01	4	189.00	0.00
1.10	0.01	7	189.00	0.00
1.20	0.01	11	189.00	0.00
1.30	0.01	16	189.00	0.00
1.40	0.02	22	189.00	0.00
1.50	0.02	28	189.00	0.00
1.60	0.02	35	189.00	0.00
1.70	0.02	42	189.00	0.00
1.80	0.02	51	189.00	0.00
1.90	0.03	59	189.00	0.00
2.00	0.03	69	189.00	0.00
2.10	0.03	78	189.00	0.00
2.20	0.03	89	189.00	0.00
2.30	0.03	100	189.00	0.00
2.40	0.03	111	189.01	0.00
2.50	0.03	123	189.01	0.00
2.60	0.03	135	189.01	0.00
2.70	0.04	148	189.01	0.00
2.80	0.04	161	189.01	0.00
2.90	0.04	174	189.01	0.00
3.00	0.04	188	189.01	0.00
3.10	0.04	203	189.01	0.00
3.20	0.04	217	189.01	0.00
3.30	0.04	232	189.01	0.00
3.40	0.04	248	189.01	0.00
3.50	0.04	263	189.01	0.00
3.60	0.05	279	189.01	0.00
3.70	0.05	296	189.01	0.00
3.80	0.05	312	189.01	0.00
3.90	0.05	329	189.02	0.00
4.00	0.05	347	189.02	0.00
4.10	0.05	364	189.02	0.00
4.20	0.05	382	189.02	0.00
4.30	0.05	400	189.02	0.00
4.40	0.05	419	189.02	0.00
4.50	0.05	438	189.02	0.00
4.60	0.05	457	189.02	0.00
4.70	0.05	476	189.02	0.00
4.80	0.05	495	189.02	0.00
4.90	0.06	515	189.02	0.00
5.00	0.06	535	189.03	0.00
5.10	0.06	555	189.03	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	576	189.03	0.00
5.30	0.06	597	189.03	0.00
5.40	0.06	618	189.03	0.00
5.50	0.06	639	189.03	0.00
5.60	0.06	661	189.03	0.00
5.70	0.06	682	189.03	0.00
5.80	0.06	704	189.03	0.00
5.90	0.06	726	189.03	0.00
6.00	0.06	749	189.04	0.00
6.10	0.06	772	189.04	0.00
6.20	0.07	795	189.04	0.00
6.30	0.07	819	189.04	0.00
6.40	0.07	844	189.04	0.00
6.50	0.07	869	189.04	0.00
6.60	0.07	895	189.04	0.00
6.70	0.08	922	189.04	0.00
6.80	0.08	949	189.04	0.00
6.90	0.08	977	189.05	0.00
7.00	0.08	1,006	189.05	0.00
7.10	0.08	1,035	189.05	0.00
7.20	0.08	1,065	189.05	0.00
7.30	0.09	1,096	189.05	0.00
7.40	0.09	1,127	189.05	0.00
7.50	0.09	1,159	189.05	0.00
7.60	0.09	1,191	189.06	0.00
7.70	0.09	1,225	189.06	0.00
7.80	0.09	1,258	189.06	0.00
7.90	0.10	1,293	189.06	0.00
8.00	0.10	1,328	189.06	0.00
8.10	0.10	1,364	189.06	0.00
8.20	0.10	1,401	189.07	0.00
8.30	0.10	1,438	189.07	0.00
8.40	0.11	1,476	189.07	0.00
8.50	0.11	1,516	189.07	0.00
8.60	0.12	1,557	189.07	0.00
8.70	0.12	1,599	189.07	0.00
8.80	0.12	1,643	189.08	0.00
8.90	0.13	1,689	189.08	0.00
9.00	0.13	1,736	189.08	0.00
9.10	0.14	1,785	189.08	0.00
9.20	0.15	1,837	189.09	0.00
9.30	0.16	1,892	189.09	0.00
9.40	0.17	1,952	189.09	0.00
9.50	0.18	2,015	189.09	0.00
9.60	0.19	2,082	189.10	0.00
9.70	0.20	2,153	189.10	0.00
9.80	0.22	2,228	189.10	0.00
9.90	0.23	2,308	189.11	0.00
10.00	0.24	2,392	189.11	0.00
10.10	0.25	2,481	189.12	0.00
10.20	0.27	2,574	189.12	0.00
10.30	0.28	2,673	189.12	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.29	2,776	189.13	0.00
10.50	0.31	2,885	189.13	0.00
10.60	0.34	3,001	189.14	0.00
10.70	0.38	3,130	189.15	0.00
10.80	0.42	3,273	189.15	0.00
10.90	0.46	3,432	189.16	0.00
11.00	0.51	3,607	189.17	0.00
11.10	0.58	3,803	189.18	0.00
11.20	0.66	4,025	189.19	0.00
11.30	0.75	4,278	189.20	0.00
11.40	0.84	4,562	189.21	0.01
11.50	0.94	4,880	189.23	0.01
11.60	1.27	5,267	189.24	0.01
11.70	1.50	5,760	189.27	0.02
11.80	1.98	6,369	189.29	0.03
11.90	2.71	7,191	189.33	0.04
12.00	4.35	8,416	189.39	0.06
12.10	7.29	10,444	189.48	0.08
12.20	6.52	12,956	189.59	0.35
12.30	5.85	14,975	189.68	0.95
12.40	4.40	16,389	189.74	1.48
12.50	3.37	17,178	189.78	1.81
12.60	2.53	17,554	189.79	1.98
12.70	2.04	17,650	189.80	2.02
12.80	1.68	17,591	189.80	2.00
12.90	1.44	17,443	189.79	1.93
13.00	1.27	17,252	189.78	1.85
13.10	1.13	17,036	189.77	1.75
13.20	1.02	16,809	189.76	1.66
13.30	0.93	16,580	189.75	1.56
13.40	0.85	16,354	189.74	1.47
13.50	0.78	16,133	189.73	1.38
13.60	0.71	15,918	189.72	1.30
13.70	0.65	15,711	189.71	1.22
13.80	0.62	15,515	189.71	1.14
13.90	0.59	15,332	189.70	1.08
14.00	0.57	15,164	189.69	1.01
14.10	0.55	15,009	189.68	0.96
14.20	0.53	14,866	189.68	0.91
14.30	0.51	14,733	189.67	0.87
14.40	0.49	14,610	189.67	0.82
14.50	0.48	14,495	189.66	0.79
14.60	0.46	14,387	189.66	0.75
14.70	0.44	14,284	189.65	0.72
14.80	0.42	14,186	189.65	0.69
14.90	0.41	14,093	189.64	0.66
15.00	0.39	14,003	189.64	0.63
15.10	0.37	13,916	189.63	0.61
15.20	0.36	13,833	189.63	0.58
15.30	0.34	13,754	189.63	0.56
15.40	0.34	13,680	189.62	0.54
15.50	0.33	13,611	189.62	0.52

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	13,546	189.62	0.50
15.70	0.32	13,486	189.62	0.48
15.80	0.32	13,429	189.61	0.47
15.90	0.31	13,376	189.61	0.45
16.00	0.31	13,327	189.61	0.44
16.10	0.30	13,280	189.61	0.43
16.20	0.30	13,236	189.60	0.42
16.30	0.29	13,195	189.60	0.41
16.40	0.29	13,156	189.60	0.39
16.50	0.28	13,119	189.60	0.39
16.60	0.28	13,083	189.60	0.38
16.70	0.27	13,048	189.60	0.37
16.80	0.27	13,015	189.59	0.36
16.90	0.27	12,982	189.59	0.35
17.00	0.26	12,951	189.59	0.35
17.10	0.26	12,920	189.59	0.34
17.20	0.25	12,890	189.59	0.33
17.30	0.25	12,861	189.59	0.33
17.40	0.24	12,832	189.59	0.32
17.50	0.24	12,804	189.59	0.31
17.60	0.23	12,776	189.58	0.31
17.70	0.23	12,749	189.58	0.30
17.80	0.22	12,722	189.58	0.30
17.90	0.22	12,696	189.58	0.29
18.00	0.21	12,670	189.58	0.28
18.10	0.21	12,645	189.58	0.28
18.20	0.20	12,620	189.58	0.27
18.30	0.20	12,596	189.58	0.27
18.40	0.20	12,573	189.57	0.26
18.50	0.20	12,551	189.57	0.26
18.60	0.20	12,531	189.57	0.25
18.70	0.19	12,511	189.57	0.25
18.80	0.19	12,493	189.57	0.24
18.90	0.19	12,476	189.57	0.24
19.00	0.19	12,459	189.57	0.24
19.10	0.19	12,444	189.57	0.23
19.20	0.19	12,428	189.57	0.23
19.30	0.19	12,414	189.57	0.23
19.40	0.19	12,399	189.57	0.23
19.50	0.19	12,386	189.57	0.22
19.60	0.18	12,372	189.57	0.22
19.70	0.18	12,359	189.57	0.22
19.80	0.18	12,346	189.56	0.22
19.90	0.18	12,334	189.56	0.21
20.00	0.18	12,322	189.56	0.21
20.10	0.18	12,310	189.56	0.21
20.20	0.18	12,299	189.56	0.21
20.30	0.18	12,288	189.56	0.21
20.40	0.17	12,277	189.56	0.20
20.50	0.17	12,266	189.56	0.20
20.60	0.17	12,255	189.56	0.20
20.70	0.17	12,245	189.56	0.20

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	12,235	189.56	0.20
20.90	0.17	12,225	189.56	0.20
21.00	0.17	12,215	189.56	0.19
21.10	0.17	12,206	189.56	0.19
21.20	0.16	12,196	189.56	0.19
21.30	0.16	12,187	189.56	0.19
21.40	0.16	12,178	189.56	0.19
21.50	0.16	12,169	189.56	0.19
21.60	0.16	12,160	189.56	0.18
21.70	0.16	12,151	189.56	0.18
21.80	0.16	12,142	189.56	0.18
21.90	0.16	12,133	189.56	0.18
22.00	0.16	12,125	189.55	0.18
22.10	0.15	12,116	189.55	0.18
22.20	0.15	12,108	189.55	0.18
22.30	0.15	12,100	189.55	0.17
22.40	0.15	12,091	189.55	0.17
22.50	0.15	12,083	189.55	0.17
22.60	0.15	12,075	189.55	0.17
22.70	0.15	12,067	189.55	0.17
22.80	0.15	12,059	189.55	0.17
22.90	0.14	12,051	189.55	0.17
23.00	0.14	12,043	189.55	0.17
23.10	0.14	12,035	189.55	0.16
23.20	0.14	12,027	189.55	0.16
23.30	0.14	12,019	189.55	0.16
23.40	0.14	12,011	189.55	0.16
23.50	0.14	12,003	189.55	0.16
23.60	0.14	11,996	189.55	0.16
23.70	0.13	11,988	189.55	0.16
23.80	0.13	11,980	189.55	0.15
23.90	0.13	11,973	189.55	0.15
24.00	0.14	11,967	189.55	0.15
24.10	0.10	11,956	189.55	0.15
24.20	0.06	11,932	189.55	0.15
24.30	0.03	11,897	189.54	0.14
24.40	0.01	11,855	189.54	0.13
24.50	0.01	11,811	189.54	0.13
24.60	0.00	11,768	189.54	0.12
24.70	0.00	11,726	189.54	0.12
24.80	0.00	11,684	189.54	0.11
24.90	0.00	11,644	189.53	0.11
25.00	0.00	11,606	189.53	0.11
25.10	0.00	11,568	189.53	0.10
25.20	0.00	11,531	189.53	0.10
25.30	0.00	11,496	189.53	0.10
25.40	0.00	11,462	189.53	0.09
25.50	0.00	11,429	189.52	0.09
25.60	0.00	11,397	189.52	0.09
25.70	0.00	11,366	189.52	0.08
25.80	0.00	11,336	189.52	0.08
25.90	0.00	11,306	189.52	0.08

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,276	189.52	0.08
26.10	0.00	11,247	189.52	0.08
26.20	0.00	11,217	189.51	0.08
26.30	0.00	11,187	189.51	0.08
26.40	0.00	11,158	189.51	0.08
26.50	0.00	11,129	189.51	0.08
26.60	0.00	11,099	189.51	0.08
26.70	0.00	11,070	189.51	0.08
26.80	0.00	11,041	189.51	0.08
26.90	0.00	11,012	189.50	0.08
27.00	0.00	10,983	189.50	0.08
27.10	0.00	10,954	189.50	0.08
27.20	0.00	10,925	189.50	0.08
27.30	0.00	10,897	189.50	0.08
27.40	0.00	10,868	189.50	0.08
27.50	0.00	10,840	189.50	0.08
27.60	0.00	10,811	189.50	0.08
27.70	0.00	10,783	189.49	0.08
27.80	0.00	10,754	189.49	0.08
27.90	0.00	10,726	189.49	0.08
28.00	0.00	10,698	189.49	0.08
28.10	0.00	10,670	189.49	0.08
28.20	0.00	10,642	189.49	0.08
28.30	0.00	10,614	189.49	0.08
28.40	0.00	10,586	189.49	0.08
28.50	0.00	10,558	189.48	0.08
28.60	0.00	10,531	189.48	0.08
28.70	0.00	10,503	189.48	0.08
28.80	0.00	10,476	189.48	0.08
28.90	0.00	10,448	189.48	0.08
29.00	0.00	10,421	189.48	0.08
29.10	0.00	10,393	189.48	0.08
29.20	0.00	10,366	189.48	0.08
29.30	0.00	10,339	189.47	0.08
29.40	0.00	10,312	189.47	0.08
29.50	0.00	10,285	189.47	0.07
29.60	0.00	10,258	189.47	0.07
29.70	0.00	10,231	189.47	0.07
29.80	0.00	10,204	189.47	0.07
29.90	0.00	10,178	189.47	0.07
30.00	0.00	10,151	189.47	0.07
30.10	0.00	10,125	189.47	0.07
30.20	0.00	10,098	189.46	0.07
30.30	0.00	10,072	189.46	0.07
30.40	0.00	10,046	189.46	0.07
30.50	0.00	10,019	189.46	0.07
30.60	0.00	9,993	189.46	0.07
30.70	0.00	9,967	189.46	0.07
30.80	0.00	9,941	189.46	0.07
30.90	0.00	9,915	189.46	0.07
31.00	0.00	9,890	189.45	0.07
31.10	0.00	9,864	189.45	0.07

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,838	189.45	0.07
31.30	0.00	9,813	189.45	0.07
31.40	0.00	9,787	189.45	0.07
31.50	0.00	9,762	189.45	0.07
31.60	0.00	9,736	189.45	0.07
31.70	0.00	9,711	189.45	0.07
31.80	0.00	9,686	189.45	0.07
31.90	0.00	9,661	189.44	0.07
32.00	0.00	9,636	189.44	0.07
32.10	0.00	9,611	189.44	0.07
32.20	0.00	9,586	189.44	0.07
32.30	0.00	9,561	189.44	0.07
32.40	0.00	9,537	189.44	0.07
32.50	0.00	9,512	189.44	0.07
32.60	0.00	9,487	189.44	0.07
32.70	0.00	9,463	189.44	0.07
32.80	0.00	9,439	189.43	0.07
32.90	0.00	9,414	189.43	0.07
33.00	0.00	9,390	189.43	0.07
33.10	0.00	9,366	189.43	0.07
33.20	0.00	9,342	189.43	0.07
33.30	0.00	9,318	189.43	0.07
33.40	0.00	9,294	189.43	0.07
33.50	0.00	9,270	189.43	0.07
33.60	0.00	9,246	189.43	0.07
33.70	0.00	9,223	189.42	0.07
33.80	0.00	9,199	189.42	0.07
33.90	0.00	9,176	189.42	0.07
34.00	0.00	9,152	189.42	0.07
34.10	0.00	9,129	189.42	0.06
34.20	0.00	9,105	189.42	0.06
34.30	0.00	9,082	189.42	0.06
34.40	0.00	9,059	189.42	0.06
34.50	0.00	9,036	189.42	0.06
34.60	0.00	9,013	189.41	0.06
34.70	0.00	8,990	189.41	0.06
34.80	0.00	8,967	189.41	0.06
34.90	0.00	8,945	189.41	0.06
35.00	0.00	8,922	189.41	0.06
35.10	0.00	8,899	189.41	0.06
35.20	0.00	8,877	189.41	0.06
35.30	0.00	8,854	189.41	0.06
35.40	0.00	8,832	189.41	0.06
35.50	0.00	8,810	189.41	0.06
35.60	0.00	8,788	189.40	0.06
35.70	0.00	8,766	189.40	0.06
35.80	0.00	8,744	189.40	0.06
35.90	0.00	8,722	189.40	0.06
36.00	0.00	8,700	189.40	0.06
36.10	0.00	8,678	189.40	0.06
36.20	0.00	8,656	189.40	0.06
36.30	0.00	8,635	189.40	0.06

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,613	189.40	0.06
36.50	0.00	8,592	189.40	0.06
36.60	0.00	8,570	189.39	0.06
36.70	0.00	8,549	189.39	0.06
36.80	0.00	8,528	189.39	0.06
36.90	0.00	8,507	189.39	0.06
37.00	0.00	8,486	189.39	0.06
37.10	0.00	8,465	189.39	0.06
37.20	0.00	8,444	189.39	0.06
37.30	0.00	8,423	189.39	0.06
37.40	0.00	8,402	189.39	0.06
37.50	0.00	8,381	189.39	0.06
37.60	0.00	8,361	189.39	0.06
37.70	0.00	8,340	189.38	0.06
37.80	0.00	8,320	189.38	0.06
37.90	0.00	8,299	189.38	0.06
38.00	0.00	8,279	189.38	0.06
38.10	0.00	8,259	189.38	0.06
38.20	0.00	8,239	189.38	0.06
38.30	0.00	8,219	189.38	0.06
38.40	0.00	8,199	189.38	0.06
38.50	0.00	8,179	189.38	0.06
38.60	0.00	8,159	189.38	0.06
38.70	0.00	8,139	189.38	0.05
38.80	0.00	8,119	189.37	0.05
38.90	0.00	8,100	189.37	0.05
39.00	0.00	8,080	189.37	0.05
39.10	0.00	8,061	189.37	0.05
39.20	0.00	8,041	189.37	0.05
39.30	0.00	8,022	189.37	0.05
39.40	0.00	8,003	189.37	0.05
39.50	0.00	7,984	189.37	0.05
39.60	0.00	7,964	189.37	0.05
39.70	0.00	7,945	189.37	0.05
39.80	0.00	7,927	189.37	0.05
39.90	0.00	7,908	189.36	0.05
40.00	0.00	7,889	189.36	0.05

Stage-Discharge for Pond B-47: Basin #47

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.00	0.00	189.52	0.08	190.04	4.92	190.56	13.82
189.01	0.00	189.53	0.10	190.05	5.06	190.57	14.26
189.02	0.00	189.54	0.12	190.06	5.20	190.58	14.74
189.03	0.00	189.55	0.16	190.07	5.34	190.59	15.25
189.04	0.00	189.56	0.19	190.08	5.48	190.60	15.79
189.05	0.00	189.57	0.24	190.09	5.62	190.61	16.37
189.06	0.00	189.58	0.28	190.10	5.76	190.62	16.97
189.07	0.00	189.59	0.34	190.11	5.90	190.63	17.60
189.08	0.00	189.60	0.39	190.12	6.05	190.64	18.25
189.09	0.00	189.61	0.45	190.13	6.19	190.65	18.93
189.10	0.00	189.62	0.51	190.14	6.34	190.66	19.64
189.11	0.00	189.63	0.57	190.15	6.49	190.67	20.37
189.12	0.00	189.64	0.64	190.16	6.64	190.68	21.12
189.13	0.00	189.65	0.71	190.17	6.79	190.69	21.89
189.14	0.00	189.66	0.78	190.18	6.94	190.70	22.68
189.15	0.00	189.67	0.86	190.19	7.09	190.71	23.50
189.16	0.00	189.68	0.94	190.20	7.24	190.72	24.37
189.17	0.00	189.69	1.02	190.21	7.40	190.73	25.27
189.18	0.00	189.70	1.10	190.22	7.55	190.74	26.20
189.19	0.00	189.71	1.18	190.23	7.71	190.75	27.15
189.20	0.00	189.72	1.27	190.24	7.87	190.76	28.12
189.21	0.00	189.73	1.36	190.25	8.02	190.77	29.13
189.22	0.01	189.74	1.45	190.26	8.18	190.78	30.15
189.23	0.01	189.75	1.54	190.27	8.34	190.79	31.20
189.24	0.01	189.76	1.64	190.28	8.50	190.80	32.28
189.25	0.01	189.77	1.73	190.29	8.66	190.81	33.38
189.26	0.02	189.78	1.83	190.30	8.83	190.82	34.50
189.27	0.02	189.79	1.93	190.31	8.99	190.83	35.65
189.28	0.02	189.80	2.03	190.32	9.15	190.84	36.82
189.29	0.03	189.81	2.13	190.33	9.32	190.85	38.02
189.30	0.03	189.82	2.24	190.34	9.48	190.86	39.24
189.31	0.03	189.83	2.35	190.35	9.65	190.87	40.49
189.32	0.04	189.84	2.45	190.36	9.82	190.88	41.76
189.33	0.04	189.85	2.56	190.37	9.99	190.89	43.05
189.34	0.05	189.86	2.68	190.38	10.16	190.90	44.37
189.35	0.05	189.87	2.79	190.39	10.33	190.91	45.71
189.36	0.05	189.88	2.90	190.40	10.50	190.92	47.10
189.37	0.05	189.89	3.02	190.41	10.67	190.93	48.52
189.38	0.06	189.90	3.14	190.42	10.84	190.94	49.97
189.39	0.06	189.91	3.26	190.43	11.02	190.95	51.44
189.40	0.06	189.92	3.38	190.44	11.19	190.96	52.93
189.41	0.06	189.93	3.50	190.45	11.36	190.97	54.46
189.42	0.06	189.94	3.62	190.46	11.54	190.98	56.01
189.43	0.07	189.95	3.74	190.47	11.72	190.99	57.58
189.44	0.07	189.96	3.87	190.48	11.89	191.00	59.18
189.45	0.07	189.97	4.00	190.49	12.07	191.01	60.81
189.46	0.07	189.98	4.13	190.50	12.25	191.02	62.47
189.47	0.07	189.99	4.26	190.51	12.36	191.03	64.15
189.48	0.08	190.00	4.39	190.52	12.51	191.04	65.85
189.49	0.08	190.01	4.52	190.53	12.75	191.05	67.59
189.50	0.08	190.02	4.65	190.54	13.06	191.06	69.35
189.51	0.08	190.03	4.79	190.55	13.41	191.07	71.14

Stage-Discharge for Pond B-47: Basin #47 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.08	72.95	191.60	175.15
191.09	74.79	191.61	177.39
191.10	76.66	191.62	179.65
191.11	78.56	191.63	181.91
191.12	80.21	191.64	184.18
191.13	81.88	191.65	186.47
191.14	83.55	191.66	188.76
191.15	85.25	191.67	191.07
191.16	86.95	191.68	193.38
191.17	88.67	191.69	195.71
191.18	90.41	191.70	198.04
191.19	92.15	191.71	200.38
191.20	93.91	191.72	202.77
191.21	95.68	191.73	205.17
191.22	97.47	191.74	207.58
191.23	99.26	191.75	210.01
191.24	101.07	191.76	212.44
191.25	102.89	191.77	214.88
191.26	104.73	191.78	217.33
191.27	106.57	191.79	219.80
191.28	108.43	191.80	222.27
191.29	110.30	191.81	224.76
191.30	112.18	191.82	227.25
191.31	114.08	191.83	229.76
191.32	116.02	191.84	232.27
191.33	117.98	191.85	234.80
191.34	119.95	191.86	237.34
191.35	121.94	191.87	239.88
191.36	123.93	191.88	242.44
191.37	125.94	191.89	245.01
191.38	127.97	191.90	247.59
191.39	130.00	191.91	250.18
191.40	132.05	191.92	252.82
191.41	134.12	191.93	255.48
191.42	136.19	191.94	258.14
191.43	138.28	191.95	260.82
191.44	140.38	191.96	263.51
191.45	142.49	191.97	266.20
191.46	144.62	191.98	268.91
191.47	146.76	191.99	271.64
191.48	148.91	192.00	274.37
191.49	151.07		
191.50	153.25		
191.51	155.44		
191.52	157.59		
191.53	159.74		
191.54	161.91		
191.55	164.09		
191.56	166.28		
191.57	168.49		
191.58	170.70		
191.59	172.92		

Stage-Area-Storage for Pond B-47: Basin #47

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.00	21,318	0	189.52	22,324	11,347
189.01	21,337	213	189.53	22,343	11,570
189.02	21,357	427	189.54	22,362	11,794
189.03	21,376	640	189.55	22,382	12,017
189.04	21,395	854	189.56	22,401	12,241
189.05	21,415	1,068	189.57	22,420	12,465
189.06	21,434	1,283	189.58	22,440	12,690
189.07	21,453	1,497	189.59	22,459	12,914
189.08	21,473	1,712	189.60	22,478	13,139
189.09	21,492	1,926	189.61	22,498	13,364
189.10	21,511	2,141	189.62	22,517	13,589
189.11	21,531	2,357	189.63	22,536	13,814
189.12	21,550	2,572	189.64	22,556	14,040
189.13	21,569	2,788	189.65	22,575	14,265
189.14	21,589	3,003	189.66	22,594	14,491
189.15	21,608	3,219	189.67	22,614	14,717
189.16	21,627	3,436	189.68	22,633	14,943
189.17	21,647	3,652	189.69	22,652	15,170
189.18	21,666	3,869	189.70	22,672	15,396
189.19	21,685	4,085	189.71	22,691	15,623
189.20	21,705	4,302	189.72	22,710	15,850
189.21	21,724	4,519	189.73	22,730	16,077
189.22	21,743	4,737	189.74	22,749	16,305
189.23	21,763	4,954	189.75	22,769	16,532
189.24	21,782	5,172	189.76	22,788	16,760
189.25	21,802	5,390	189.77	22,807	16,988
189.26	21,821	5,608	189.78	22,827	17,216
189.27	21,840	5,826	189.79	22,846	17,445
189.28	21,860	6,045	189.80	22,865	17,673
189.29	21,879	6,264	189.81	22,885	17,902
189.30	21,898	6,482	189.82	22,904	18,131
189.31	21,918	6,702	189.83	22,923	18,360
189.32	21,937	6,921	189.84	22,943	18,589
189.33	21,956	7,140	189.85	22,962	18,819
189.34	21,976	7,360	189.86	22,981	19,049
189.35	21,995	7,580	189.87	23,001	19,279
189.36	22,014	7,800	189.88	23,020	19,509
189.37	22,034	8,020	189.89	23,039	19,739
189.38	22,053	8,240	189.90	23,059	19,969
189.39	22,072	8,461	189.91	23,078	20,200
189.40	22,092	8,682	189.92	23,097	20,431
189.41	22,111	8,903	189.93	23,117	20,662
189.42	22,130	9,124	189.94	23,136	20,893
189.43	22,150	9,346	189.95	23,155	21,125
189.44	22,169	9,567	189.96	23,175	21,356
189.45	22,188	9,789	189.97	23,194	21,588
189.46	22,208	10,011	189.98	23,213	21,820
189.47	22,227	10,233	189.99	23,233	22,053
189.48	22,246	10,455	190.00	23,252	22,285
189.49	22,266	10,678	190.01	23,272	22,518
189.50	22,285	10,901	190.02	23,292	22,750
189.51	22,304	11,124	190.03	23,312	22,983

Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.04	23,332	23,217	190.56	24,366	35,618
190.05	23,352	23,450	190.57	24,386	35,862
190.06	23,371	23,684	190.58	24,406	36,106
190.07	23,391	23,918	190.59	24,426	36,350
190.08	23,411	24,152	190.60	24,446	36,594
190.09	23,431	24,386	190.61	24,466	36,839
190.10	23,451	24,620	190.62	24,486	37,084
190.11	23,471	24,855	190.63	24,506	37,329
190.12	23,491	25,090	190.64	24,526	37,574
190.13	23,511	25,325	190.65	24,546	37,819
190.14	23,531	25,560	190.66	24,565	38,065
190.15	23,551	25,795	190.67	24,585	38,310
190.16	23,570	26,031	190.68	24,605	38,556
190.17	23,590	26,267	190.69	24,625	38,803
190.18	23,610	26,503	190.70	24,645	39,049
190.19	23,630	26,739	190.71	24,665	39,295
190.20	23,650	26,975	190.72	24,685	39,542
190.21	23,670	27,212	190.73	24,705	39,789
190.22	23,690	27,449	190.74	24,725	40,036
190.23	23,710	27,686	190.75	24,745	40,284
190.24	23,730	27,923	190.76	24,764	40,531
190.25	23,750	28,160	190.77	24,784	40,779
190.26	23,769	28,398	190.78	24,804	41,027
190.27	23,789	28,636	190.79	24,824	41,275
190.28	23,809	28,874	190.80	24,844	41,523
190.29	23,829	29,112	190.81	24,864	41,772
190.30	23,849	29,350	190.82	24,884	42,021
190.31	23,869	29,589	190.83	24,904	42,270
190.32	23,889	29,828	190.84	24,924	42,519
190.33	23,909	30,067	190.85	24,943	42,768
190.34	23,929	30,306	190.86	24,963	43,018
190.35	23,948	30,545	190.87	24,983	43,267
190.36	23,968	30,785	190.88	25,003	43,517
190.37	23,988	31,024	190.89	25,023	43,767
190.38	24,008	31,264	190.90	25,043	44,018
190.39	24,028	31,505	190.91	25,063	44,268
190.40	24,048	31,745	190.92	25,083	44,519
190.41	24,068	31,986	190.93	25,103	44,770
190.42	24,088	32,226	190.94	25,123	45,021
190.43	24,108	32,467	190.95	25,142	45,272
190.44	24,128	32,709	190.96	25,162	45,524
190.45	24,147	32,950	190.97	25,182	45,776
190.46	24,167	33,191	190.98	25,202	46,028
190.47	24,187	33,433	190.99	25,222	46,280
190.48	24,207	33,675	191.00	25,242	46,532
190.49	24,227	33,917	191.01	25,263	46,785
190.50	24,247	34,160	191.02	25,285	47,037
190.51	24,267	34,402	191.03	25,306	47,290
190.52	24,287	34,645	191.04	25,328	47,543
190.53	24,307	34,888	191.05	25,349	47,797
190.54	24,327	35,131	191.06	25,370	48,050
190.55	24,347	35,375	191.07	25,392	48,304

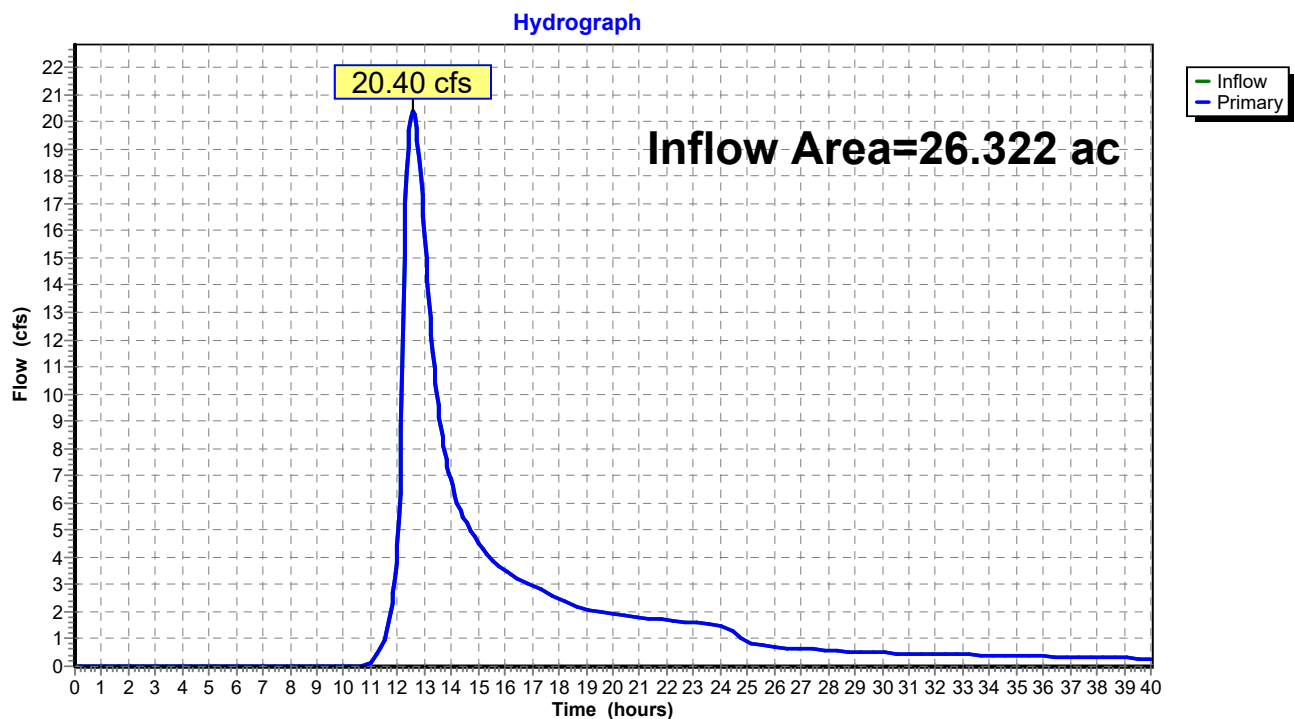
Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.08	25,413	48,558	191.60	26,526	62,062
191.09	25,435	48,812	191.61	26,547	62,328
191.10	25,456	49,067	191.62	26,569	62,593
191.11	25,477	49,322	191.63	26,590	62,859
191.12	25,499	49,576	191.64	26,612	63,125
191.13	25,520	49,832	191.65	26,633	63,391
191.14	25,542	50,087	191.66	26,654	63,658
191.15	25,563	50,342	191.67	26,676	63,924
191.16	25,584	50,598	191.68	26,697	64,191
191.17	25,606	50,854	191.69	26,719	64,458
191.18	25,627	51,110	191.70	26,740	64,726
191.19	25,649	51,367	191.71	26,761	64,993
191.20	25,670	51,623	191.72	26,783	65,261
191.21	25,691	51,880	191.73	26,804	65,529
191.22	25,713	52,137	191.74	26,826	65,797
191.23	25,734	52,394	191.75	26,847	66,065
191.24	25,756	52,652	191.76	26,868	66,334
191.25	25,777	52,909	191.77	26,890	66,603
191.26	25,798	53,167	191.78	26,911	66,872
191.27	25,820	53,425	191.79	26,933	67,141
191.28	25,841	53,684	191.80	26,954	67,410
191.29	25,863	53,942	191.81	26,975	67,680
191.30	25,884	54,201	191.82	26,997	67,950
191.31	25,905	54,460	191.83	27,018	68,220
191.32	25,927	54,719	191.84	27,040	68,490
191.33	25,948	54,978	191.85	27,061	68,761
191.34	25,970	55,238	191.86	27,082	69,031
191.35	25,991	55,498	191.87	27,104	69,302
191.36	26,012	55,758	191.88	27,125	69,574
191.37	26,034	56,018	191.89	27,147	69,845
191.38	26,055	56,278	191.90	27,168	70,117
191.39	26,077	56,539	191.91	27,189	70,388
191.40	26,098	56,800	191.92	27,211	70,660
191.41	26,119	57,061	191.93	27,232	70,933
191.42	26,141	57,322	191.94	27,254	71,205
191.43	26,162	57,584	191.95	27,275	71,478
191.44	26,184	57,846	191.96	27,296	71,750
191.45	26,205	58,108	191.97	27,318	72,024
191.46	26,226	58,370	191.98	27,339	72,297
191.47	26,248	58,632	191.99	27,361	72,570
191.48	26,269	58,895	192.00	27,382	72,844
191.49	26,291	59,157			
191.50	26,312	59,421			
191.51	26,333	59,684			
191.52	26,355	59,947			
191.53	26,376	60,211			
191.54	26,398	60,475			
191.55	26,419	60,739			
191.56	26,440	61,003			
191.57	26,462	61,268			
191.58	26,483	61,532			
191.59	26,505	61,797			

Summary for Link PDA-4: Proposed Drainage Area #4

Inflow Area = 26.322 ac, 21.46% Impervious, Inflow Depth > 2.34" for Future 10 yr event
Inflow = 20.40 cfs @ 12.57 hrs, Volume= 5.136 af
Primary = 20.40 cfs @ 12.57 hrs, Volume= 5.136 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-2

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-4: Proposed Drainage Area #4

Hydrograph for Link PDA-4: Proposed Drainage Area #4

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	15.74	0.00	15.74
10.45	0.00	0.00	0.00	13.05	14.94	0.00	14.94
10.50	0.00	0.00	0.00	13.10	14.18	0.00	14.18
10.55	0.00	0.00	0.00	13.15	13.46	0.00	13.46
10.60	0.00	0.00	0.00	13.20	12.79	0.00	12.79
10.65	0.00	0.00	0.00	13.25	12.15	0.00	12.15
10.70	0.00	0.00	0.00	13.30	11.54	0.00	11.54
10.75	0.01	0.00	0.01	13.35	10.97	0.00	10.97
10.80	0.03	0.00	0.03	13.40	10.46	0.00	10.46
10.85	0.06	0.00	0.06	13.45	9.99	0.00	9.99
10.90	0.08	0.00	0.08	13.50	9.57	0.00	9.57
10.95	0.11	0.00	0.11	13.55	9.17	0.00	9.17
11.00	0.16	0.00	0.16	13.60	8.79	0.00	8.79
11.05	0.20	0.00	0.20	13.65	8.45	0.00	8.45
11.10	0.25	0.00	0.25	13.70	8.13	0.00	8.13
11.15	0.31	0.00	0.31	13.75	7.84	0.00	7.84
11.20	0.38	0.00	0.38	13.80	7.57	0.00	7.57
11.25	0.46	0.00	0.46	13.85	7.33	0.00	7.33
11.30	0.53	0.00	0.53	13.90	7.10	0.00	7.10
11.35	0.62	0.00	0.62	13.95	6.90	0.00	6.90
11.40	0.72	0.00	0.72	14.00	6.70	0.00	6.70
11.45	0.81	0.00	0.81	14.05	6.52	0.00	6.52
11.50	0.92	0.00	0.92	14.10	6.35	0.00	6.35
11.55	1.06	0.00	1.06	14.15	6.19	0.00	6.19
11.60	1.24	0.00	1.24	14.20	6.04	0.00	6.04
11.65	1.45	0.00	1.45	14.25	5.90	0.00	5.90
11.70	1.68	0.00	1.68	14.30	5.78	0.00	5.78
11.75	1.98	0.00	1.98	14.35	5.65	0.00	5.65
11.80	2.31	0.00	2.31	14.40	5.54	0.00	5.54
11.85	2.71	0.00	2.71	14.45	5.44	0.00	5.44
11.90	3.20	0.00	3.20	14.50	5.34	0.00	5.34
11.95	3.77	0.00	3.77	14.55	5.24	0.00	5.24
12.00	4.45	0.00	4.45	14.60	5.16	0.00	5.16
12.05	5.29	0.00	5.29	14.65	5.07	0.00	5.07
12.10	6.39	0.00	6.39	14.70	4.98	0.00	4.98
12.15	8.80	0.00	8.80	14.75	4.90	0.00	4.90
12.20	12.26	0.00	12.26	14.80	4.82	0.00	4.82
12.25	15.04	0.00	15.04	14.85	4.75	0.00	4.75
12.30	16.96	0.00	16.96	14.90	4.67	0.00	4.67
12.35	18.23	0.00	18.23	14.95	4.60	0.00	4.60
12.40	19.07	0.00	19.07	15.00	4.53	0.00	4.53
12.45	19.67	0.00	19.67	15.05	4.46	0.00	4.46
12.50	20.13	0.00	20.13	15.10	4.38	0.00	4.38
12.55	20.38	0.00	20.38	15.15	4.32	0.00	4.32
12.60	20.35	0.00	20.35	15.20	4.25	0.00	4.25
12.65	20.15	0.00	20.15	15.25	4.19	0.00	4.19
12.70	19.78	0.00	19.78	15.30	4.13	0.00	4.13
12.75	19.32	0.00	19.32	15.35	4.07	0.00	4.07
12.80	18.74	0.00	18.74	15.40	4.01	0.00	4.01
12.85	18.08	0.00	18.08	15.45	3.95	0.00	3.95
12.90	17.33	0.00	17.33	15.50	3.90	0.00	3.90
12.95	16.54	0.00	16.54	15.55	3.85	0.00	3.85

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	3.80	0.00	3.80	18.20	2.37	0.00	2.37
15.65	3.75	0.00	3.75	18.25	2.35	0.00	2.35
15.70	3.71	0.00	3.71	18.30	2.32	0.00	2.32
15.75	3.67	0.00	3.67	18.35	2.30	0.00	2.30
15.80	3.63	0.00	3.63	18.40	2.28	0.00	2.28
15.85	3.59	0.00	3.59	18.45	2.26	0.00	2.26
15.90	3.55	0.00	3.55	18.50	2.24	0.00	2.24
15.95	3.52	0.00	3.52	18.55	2.22	0.00	2.22
16.00	3.49	0.00	3.49	18.60	2.21	0.00	2.21
16.05	3.46	0.00	3.46	18.65	2.19	0.00	2.19
16.10	3.42	0.00	3.42	18.70	2.17	0.00	2.17
16.15	3.39	0.00	3.39	18.75	2.16	0.00	2.16
16.20	3.36	0.00	3.36	18.80	2.14	0.00	2.14
16.25	3.34	0.00	3.34	18.85	2.13	0.00	2.13
16.30	3.31	0.00	3.31	18.90	2.12	0.00	2.12
16.35	3.28	0.00	3.28	18.95	2.11	0.00	2.11
16.40	3.25	0.00	3.25	19.00	2.09	0.00	2.09
16.45	3.22	0.00	3.22	19.05	2.08	0.00	2.08
16.50	3.20	0.00	3.20	19.10	2.07	0.00	2.07
16.55	3.17	0.00	3.17	19.15	2.06	0.00	2.06
16.60	3.15	0.00	3.15	19.20	2.05	0.00	2.05
16.65	3.12	0.00	3.12	19.25	2.04	0.00	2.04
16.70	3.10	0.00	3.10	19.30	2.03	0.00	2.03
16.75	3.07	0.00	3.07	19.35	2.03	0.00	2.03
16.80	3.05	0.00	3.05	19.40	2.02	0.00	2.02
16.85	3.02	0.00	3.02	19.45	2.01	0.00	2.01
16.90	3.00	0.00	3.00	19.50	2.00	0.00	2.00
16.95	2.97	0.00	2.97	19.55	1.99	0.00	1.99
17.00	2.95	0.00	2.95	19.60	1.98	0.00	1.98
17.05	2.92	0.00	2.92	19.65	1.98	0.00	1.98
17.10	2.90	0.00	2.90	19.70	1.97	0.00	1.97
17.15	2.87	0.00	2.87	19.75	1.96	0.00	1.96
17.20	2.85	0.00	2.85	19.80	1.95	0.00	1.95
17.25	2.83	0.00	2.83	19.85	1.95	0.00	1.95
17.30	2.80	0.00	2.80	19.90	1.94	0.00	1.94
17.35	2.78	0.00	2.78	19.95	1.93	0.00	1.93
17.40	2.76	0.00	2.76	20.00	1.93	0.00	1.93
17.45	2.73	0.00	2.73	20.05	1.92	0.00	1.92
17.50	2.71	0.00	2.71	20.10	1.91	0.00	1.91
17.55	2.68	0.00	2.68	20.15	1.91	0.00	1.91
17.60	2.66	0.00	2.66	20.20	1.90	0.00	1.90
17.65	2.63	0.00	2.63	20.25	1.89	0.00	1.89
17.70	2.61	0.00	2.61	20.30	1.89	0.00	1.89
17.75	2.59	0.00	2.59	20.35	1.88	0.00	1.88
17.80	2.56	0.00	2.56	20.40	1.87	0.00	1.87
17.85	2.54	0.00	2.54	20.45	1.87	0.00	1.87
17.90	2.51	0.00	2.51	20.50	1.86	0.00	1.86
17.95	2.49	0.00	2.49	20.55	1.85	0.00	1.85
18.00	2.46	0.00	2.46	20.60	1.85	0.00	1.85
18.05	2.44	0.00	2.44	20.65	1.84	0.00	1.84
18.10	2.42	0.00	2.42	20.70	1.84	0.00	1.84
18.15	2.39	0.00	2.39	20.75	1.83	0.00	1.83

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	1.82	0.00	1.82	23.40	1.55	0.00	1.55
20.85	1.82	0.00	1.82	23.45	1.55	0.00	1.55
20.90	1.81	0.00	1.81	23.50	1.55	0.00	1.55
20.95	1.81	0.00	1.81	23.55	1.54	0.00	1.54
21.00	1.80	0.00	1.80	23.60	1.54	0.00	1.54
21.05	1.79	0.00	1.79	23.65	1.53	0.00	1.53
21.10	1.79	0.00	1.79	23.70	1.53	0.00	1.53
21.15	1.78	0.00	1.78	23.75	1.52	0.00	1.52
21.20	1.78	0.00	1.78	23.80	1.52	0.00	1.52
21.25	1.77	0.00	1.77	23.85	1.51	0.00	1.51
21.30	1.77	0.00	1.77	23.90	1.51	0.00	1.51
21.35	1.76	0.00	1.76	23.95	1.50	0.00	1.50
21.40	1.75	0.00	1.75	24.00	1.50	0.00	1.50
21.45	1.75	0.00	1.75	24.05	1.49	0.00	1.49
21.50	1.74	0.00	1.74	24.10	1.48	0.00	1.48
21.55	1.74	0.00	1.74	24.15	1.46	0.00	1.46
21.60	1.73	0.00	1.73	24.20	1.44	0.00	1.44
21.65	1.73	0.00	1.73	24.25	1.42	0.00	1.42
21.70	1.72	0.00	1.72	24.30	1.40	0.00	1.40
21.75	1.72	0.00	1.72	24.35	1.37	0.00	1.37
21.80	1.71	0.00	1.71	24.40	1.34	0.00	1.34
21.85	1.71	0.00	1.71	24.45	1.30	0.00	1.30
21.90	1.70	0.00	1.70	24.50	1.26	0.00	1.26
21.95	1.69	0.00	1.69	24.55	1.22	0.00	1.22
22.00	1.69	0.00	1.69	24.60	1.18	0.00	1.18
22.05	1.68	0.00	1.68	24.65	1.14	0.00	1.14
22.10	1.68	0.00	1.68	24.70	1.10	0.00	1.10
22.15	1.67	0.00	1.67	24.75	1.07	0.00	1.07
22.20	1.67	0.00	1.67	24.80	1.03	0.00	1.03
22.25	1.66	0.00	1.66	24.85	1.00	0.00	1.00
22.30	1.66	0.00	1.66	24.90	0.97	0.00	0.97
22.35	1.65	0.00	1.65	24.95	0.94	0.00	0.94
22.40	1.65	0.00	1.65	25.00	0.92	0.00	0.92
22.45	1.64	0.00	1.64	25.05	0.90	0.00	0.90
22.50	1.64	0.00	1.64	25.10	0.88	0.00	0.88
22.55	1.63	0.00	1.63	25.15	0.86	0.00	0.86
22.60	1.63	0.00	1.63	25.20	0.85	0.00	0.85
22.65	1.62	0.00	1.62	25.25	0.83	0.00	0.83
22.70	1.62	0.00	1.62	25.30	0.82	0.00	0.82
22.75	1.61	0.00	1.61	25.35	0.81	0.00	0.81
22.80	1.61	0.00	1.61	25.40	0.80	0.00	0.80
22.85	1.61	0.00	1.61	25.45	0.79	0.00	0.79
22.90	1.60	0.00	1.60	25.50	0.78	0.00	0.78
22.95	1.60	0.00	1.60	25.55	0.77	0.00	0.77
23.00	1.59	0.00	1.59	25.60	0.76	0.00	0.76
23.05	1.59	0.00	1.59	25.65	0.75	0.00	0.75
23.10	1.58	0.00	1.58	25.70	0.74	0.00	0.74
23.15	1.58	0.00	1.58	25.75	0.74	0.00	0.74
23.20	1.57	0.00	1.57	25.80	0.73	0.00	0.73
23.25	1.57	0.00	1.57	25.85	0.73	0.00	0.73
23.30	1.56	0.00	1.56	25.90	0.72	0.00	0.72
23.35	1.56	0.00	1.56	25.95	0.72	0.00	0.72

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.71	0.00	0.71	28.60	0.55	0.00	0.55
26.05	0.71	0.00	0.71	28.65	0.54	0.00	0.54
26.10	0.70	0.00	0.70	28.70	0.54	0.00	0.54
26.15	0.70	0.00	0.70	28.75	0.54	0.00	0.54
26.20	0.69	0.00	0.69	28.80	0.54	0.00	0.54
26.25	0.69	0.00	0.69	28.85	0.53	0.00	0.53
26.30	0.69	0.00	0.69	28.90	0.53	0.00	0.53
26.35	0.68	0.00	0.68	28.95	0.53	0.00	0.53
26.40	0.68	0.00	0.68	29.00	0.53	0.00	0.53
26.45	0.68	0.00	0.68	29.05	0.53	0.00	0.53
26.50	0.67	0.00	0.67	29.10	0.52	0.00	0.52
26.55	0.67	0.00	0.67	29.15	0.52	0.00	0.52
26.60	0.67	0.00	0.67	29.20	0.52	0.00	0.52
26.65	0.66	0.00	0.66	29.25	0.52	0.00	0.52
26.70	0.66	0.00	0.66	29.30	0.52	0.00	0.52
26.75	0.66	0.00	0.66	29.35	0.52	0.00	0.52
26.80	0.65	0.00	0.65	29.40	0.51	0.00	0.51
26.85	0.65	0.00	0.65	29.45	0.51	0.00	0.51
26.90	0.65	0.00	0.65	29.50	0.51	0.00	0.51
26.95	0.64	0.00	0.64	29.55	0.51	0.00	0.51
27.00	0.64	0.00	0.64	29.60	0.51	0.00	0.51
27.05	0.64	0.00	0.64	29.65	0.51	0.00	0.51
27.10	0.64	0.00	0.64	29.70	0.51	0.00	0.51
27.15	0.63	0.00	0.63	29.75	0.50	0.00	0.50
27.20	0.63	0.00	0.63	29.80	0.50	0.00	0.50
27.25	0.63	0.00	0.63	29.85	0.50	0.00	0.50
27.30	0.62	0.00	0.62	29.90	0.50	0.00	0.50
27.35	0.62	0.00	0.62	29.95	0.50	0.00	0.50
27.40	0.62	0.00	0.62	30.00	0.50	0.00	0.50
27.45	0.62	0.00	0.62	30.05	0.50	0.00	0.50
27.50	0.61	0.00	0.61	30.10	0.49	0.00	0.49
27.55	0.61	0.00	0.61	30.15	0.49	0.00	0.49
27.60	0.61	0.00	0.61	30.20	0.49	0.00	0.49
27.65	0.60	0.00	0.60	30.25	0.49	0.00	0.49
27.70	0.60	0.00	0.60	30.30	0.49	0.00	0.49
27.75	0.59	0.00	0.59	30.35	0.49	0.00	0.49
27.80	0.59	0.00	0.59	30.40	0.49	0.00	0.49
27.85	0.59	0.00	0.59	30.45	0.48	0.00	0.48
27.90	0.58	0.00	0.58	30.50	0.48	0.00	0.48
27.95	0.58	0.00	0.58	30.55	0.48	0.00	0.48
28.00	0.58	0.00	0.58	30.60	0.48	0.00	0.48
28.05	0.57	0.00	0.57	30.65	0.48	0.00	0.48
28.10	0.57	0.00	0.57	30.70	0.48	0.00	0.48
28.15	0.57	0.00	0.57	30.75	0.48	0.00	0.48
28.20	0.57	0.00	0.57	30.80	0.47	0.00	0.47
28.25	0.56	0.00	0.56	30.85	0.47	0.00	0.47
28.30	0.56	0.00	0.56	30.90	0.47	0.00	0.47
28.35	0.56	0.00	0.56	30.95	0.47	0.00	0.47
28.40	0.56	0.00	0.56	31.00	0.47	0.00	0.47
28.45	0.55	0.00	0.55	31.05	0.47	0.00	0.47
28.50	0.55	0.00	0.55	31.10	0.47	0.00	0.47
28.55	0.55	0.00	0.55	31.15	0.47	0.00	0.47

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.47	0.00	0.47	33.80	0.41	0.00	0.41
31.25	0.46	0.00	0.46	33.85	0.41	0.00	0.41
31.30	0.46	0.00	0.46	33.90	0.40	0.00	0.40
31.35	0.46	0.00	0.46	33.95	0.40	0.00	0.40
31.40	0.46	0.00	0.46	34.00	0.40	0.00	0.40
31.45	0.46	0.00	0.46	34.05	0.40	0.00	0.40
31.50	0.46	0.00	0.46	34.10	0.40	0.00	0.40
31.55	0.46	0.00	0.46	34.15	0.40	0.00	0.40
31.60	0.46	0.00	0.46	34.20	0.40	0.00	0.40
31.65	0.45	0.00	0.45	34.25	0.40	0.00	0.40
31.70	0.45	0.00	0.45	34.30	0.40	0.00	0.40
31.75	0.45	0.00	0.45	34.35	0.39	0.00	0.39
31.80	0.45	0.00	0.45	34.40	0.39	0.00	0.39
31.85	0.45	0.00	0.45	34.45	0.39	0.00	0.39
31.90	0.45	0.00	0.45	34.50	0.39	0.00	0.39
31.95	0.45	0.00	0.45	34.55	0.39	0.00	0.39
32.00	0.45	0.00	0.45	34.60	0.39	0.00	0.39
32.05	0.45	0.00	0.45	34.65	0.39	0.00	0.39
32.10	0.44	0.00	0.44	34.70	0.39	0.00	0.39
32.15	0.44	0.00	0.44	34.75	0.39	0.00	0.39
32.20	0.44	0.00	0.44	34.80	0.38	0.00	0.38
32.25	0.44	0.00	0.44	34.85	0.38	0.00	0.38
32.30	0.44	0.00	0.44	34.90	0.38	0.00	0.38
32.35	0.44	0.00	0.44	34.95	0.38	0.00	0.38
32.40	0.44	0.00	0.44	35.00	0.38	0.00	0.38
32.45	0.44	0.00	0.44	35.05	0.38	0.00	0.38
32.50	0.44	0.00	0.44	35.10	0.38	0.00	0.38
32.55	0.43	0.00	0.43	35.15	0.38	0.00	0.38
32.60	0.43	0.00	0.43	35.20	0.38	0.00	0.38
32.65	0.43	0.00	0.43	35.25	0.37	0.00	0.37
32.70	0.43	0.00	0.43	35.30	0.37	0.00	0.37
32.75	0.43	0.00	0.43	35.35	0.37	0.00	0.37
32.80	0.43	0.00	0.43	35.40	0.37	0.00	0.37
32.85	0.43	0.00	0.43	35.45	0.37	0.00	0.37
32.90	0.43	0.00	0.43	35.50	0.37	0.00	0.37
32.95	0.43	0.00	0.43	35.55	0.37	0.00	0.37
33.00	0.42	0.00	0.42	35.60	0.37	0.00	0.37
33.05	0.42	0.00	0.42	35.65	0.37	0.00	0.37
33.10	0.42	0.00	0.42	35.70	0.37	0.00	0.37
33.15	0.42	0.00	0.42	35.75	0.36	0.00	0.36
33.20	0.42	0.00	0.42	35.80	0.36	0.00	0.36
33.25	0.42	0.00	0.42	35.85	0.36	0.00	0.36
33.30	0.42	0.00	0.42	35.90	0.36	0.00	0.36
33.35	0.42	0.00	0.42	35.95	0.36	0.00	0.36
33.40	0.42	0.00	0.42	36.00	0.36	0.00	0.36
33.45	0.41	0.00	0.41	36.05	0.36	0.00	0.36
33.50	0.41	0.00	0.41	36.10	0.36	0.00	0.36
33.55	0.41	0.00	0.41	36.15	0.36	0.00	0.36
33.60	0.41	0.00	0.41	36.20	0.35	0.00	0.35
33.65	0.41	0.00	0.41	36.25	0.35	0.00	0.35
33.70	0.41	0.00	0.41	36.30	0.35	0.00	0.35
33.75	0.41	0.00	0.41	36.35	0.35	0.00	0.35

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.35	0.00	0.35	39.00	0.30	0.00	0.30
36.45	0.35	0.00	0.35	39.05	0.29	0.00	0.29
36.50	0.35	0.00	0.35	39.10	0.29	0.00	0.29
36.55	0.35	0.00	0.35	39.15	0.29	0.00	0.29
36.60	0.35	0.00	0.35	39.20	0.29	0.00	0.29
36.65	0.34	0.00	0.34	39.25	0.29	0.00	0.29
36.70	0.34	0.00	0.34	39.30	0.29	0.00	0.29
36.75	0.34	0.00	0.34	39.35	0.29	0.00	0.29
36.80	0.34	0.00	0.34	39.40	0.29	0.00	0.29
36.85	0.34	0.00	0.34	39.45	0.29	0.00	0.29
36.90	0.34	0.00	0.34	39.50	0.29	0.00	0.29
36.95	0.34	0.00	0.34	39.55	0.28	0.00	0.28
37.00	0.34	0.00	0.34	39.60	0.28	0.00	0.28
37.05	0.34	0.00	0.34	39.65	0.28	0.00	0.28
37.10	0.34	0.00	0.34	39.70	0.28	0.00	0.28
37.15	0.33	0.00	0.33	39.75	0.28	0.00	0.28
37.20	0.33	0.00	0.33	39.80	0.28	0.00	0.28
37.25	0.33	0.00	0.33	39.85	0.28	0.00	0.28
37.30	0.33	0.00	0.33	39.90	0.28	0.00	0.28
37.35	0.33	0.00	0.33	39.95	0.28	0.00	0.28
37.40	0.33	0.00	0.33	40.00	0.27	0.00	0.27
37.45	0.33	0.00	0.33				
37.50	0.33	0.00	0.33				
37.55	0.33	0.00	0.33				
37.60	0.32	0.00	0.32				
37.65	0.32	0.00	0.32				
37.70	0.32	0.00	0.32				
37.75	0.32	0.00	0.32				
37.80	0.32	0.00	0.32				
37.85	0.32	0.00	0.32				
37.90	0.32	0.00	0.32				
37.95	0.32	0.00	0.32				
38.00	0.32	0.00	0.32				
38.05	0.32	0.00	0.32				
38.10	0.31	0.00	0.31				
38.15	0.31	0.00	0.31				
38.20	0.31	0.00	0.31				
38.25	0.31	0.00	0.31				
38.30	0.31	0.00	0.31				
38.35	0.31	0.00	0.31				
38.40	0.31	0.00	0.31				
38.45	0.31	0.00	0.31				
38.50	0.31	0.00	0.31				
38.55	0.30	0.00	0.30				
38.60	0.30	0.00	0.30				
38.65	0.30	0.00	0.30				
38.70	0.30	0.00	0.30				
38.75	0.30	0.00	0.30				
38.80	0.30	0.00	0.30				
38.85	0.30	0.00	0.30				
38.90	0.30	0.00	0.30				
38.95	0.30	0.00	0.30				

Summary for Subcatchment 41I: PDA-41 (impervious)

Runoff = 8.44 cfs @ 12.10 hrs, Volume= 0.619 af, Depth=10.80"
 Routed to Pond B-41 : Basin #41

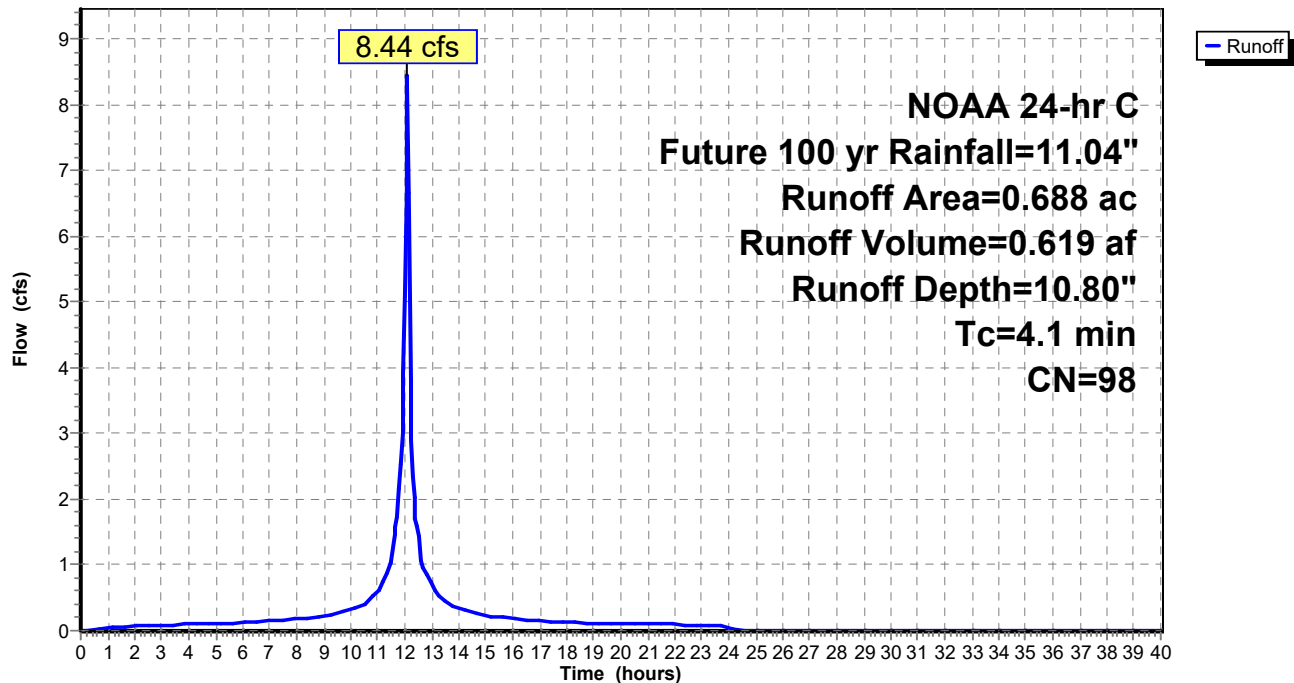
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.136	98	Pavement, HSG C
* 0.514	98	Roof, HSG C
* 0.038	98	Concrete, HSC C
0.688	98	Weighted Average
0.688		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.1					Direct Entry,

Subcatchment 41I: PDA-41 (impervious)

Hydrograph



Hydrograph for Subcatchment 41I: PDA-41 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.08
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.08
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.08
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.08
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.08
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.08
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.08
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.09
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.09
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.09
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.09
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.09
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.09
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.09
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.09
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.09
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.09
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.09
0.90	0.11	0.02	0.03	3.50	0.46	0.29	0.09
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.09
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.09
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.09
1.10	0.13	0.03	0.04	3.70	0.49	0.31	0.10
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.10
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.10
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.10
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.10
1.35	0.16	0.05	0.05	3.95	0.53	0.35	0.10
1.40	0.17	0.05	0.05	4.00	0.54	0.35	0.10
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.10
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.10
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.10
1.60	0.20	0.07	0.06	4.20	0.57	0.38	0.10
1.65	0.20	0.07	0.06	4.25	0.58	0.39	0.10
1.70	0.21	0.08	0.06	4.30	0.59	0.40	0.10
1.75	0.22	0.08	0.06	4.35	0.60	0.41	0.10
1.80	0.22	0.09	0.06	4.40	0.60	0.41	0.10
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.10
1.90	0.24	0.10	0.07	4.50	0.62	0.43	0.10
1.95	0.24	0.10	0.07	4.55	0.63	0.44	0.10
2.00	0.25	0.11	0.07	4.60	0.64	0.44	0.10
2.05	0.26	0.11	0.07	4.65	0.64	0.45	0.11
2.10	0.26	0.12	0.07	4.70	0.65	0.46	0.11
2.15	0.27	0.12	0.07	4.75	0.66	0.47	0.11
2.20	0.28	0.13	0.07	4.80	0.67	0.47	0.11
2.25	0.28	0.13	0.07	4.85	0.68	0.48	0.11
2.30	0.29	0.14	0.08	4.90	0.69	0.49	0.11
2.35	0.30	0.14	0.08	4.95	0.69	0.50	0.11
2.40	0.30	0.15	0.08	5.00	0.70	0.51	0.11
2.45	0.31	0.15	0.08	5.05	0.71	0.51	0.11
2.50	0.32	0.16	0.08	5.10	0.72	0.52	0.11
2.55	0.33	0.17	0.08	5.15	0.73	0.53	0.11

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.11	7.80	1.27	1.05	0.17
5.25	0.74	0.55	0.11	7.85	1.28	1.07	0.18
5.30	0.75	0.55	0.11	7.90	1.30	1.08	0.18
5.35	0.76	0.56	0.11	7.95	1.31	1.09	0.18
5.40	0.77	0.57	0.11	8.00	1.32	1.11	0.18
5.45	0.78	0.58	0.11	8.05	1.34	1.12	0.18
5.50	0.79	0.59	0.11	8.10	1.35	1.13	0.18
5.55	0.80	0.59	0.11	8.15	1.36	1.15	0.18
5.60	0.80	0.60	0.11	8.20	1.38	1.16	0.19
5.65	0.81	0.61	0.12	8.25	1.39	1.17	0.19
5.70	0.82	0.62	0.12	8.30	1.40	1.19	0.19
5.75	0.83	0.63	0.12	8.35	1.42	1.20	0.19
5.80	0.84	0.64	0.12	8.40	1.43	1.21	0.19
5.85	0.85	0.64	0.12	8.45	1.45	1.23	0.19
5.90	0.86	0.65	0.12	8.50	1.46	1.24	0.20
5.95	0.87	0.66	0.12	8.55	1.48	1.26	0.20
6.00	0.87	0.67	0.12	8.60	1.49	1.27	0.20
6.05	0.88	0.68	0.12	8.65	1.51	1.29	0.20
6.10	0.89	0.69	0.12	8.70	1.52	1.30	0.20
6.15	0.90	0.70	0.12	8.75	1.54	1.32	0.20
6.20	0.91	0.71	0.12	8.80	1.55	1.33	0.21
6.25	0.92	0.71	0.13	8.85	1.57	1.35	0.21
6.30	0.93	0.72	0.13	8.90	1.58	1.36	0.21
6.35	0.94	0.73	0.13	8.95	1.60	1.38	0.21
6.40	0.95	0.74	0.13	9.00	1.61	1.39	0.21
6.45	0.96	0.75	0.13	9.05	1.63	1.41	0.22
6.50	0.97	0.76	0.13	9.10	1.64	1.42	0.22
6.55	0.98	0.77	0.14	9.15	1.66	1.44	0.23
6.60	0.99	0.78	0.14	9.20	1.68	1.46	0.23
6.65	1.00	0.79	0.14	9.25	1.70	1.47	0.24
6.70	1.01	0.80	0.14	9.30	1.72	1.49	0.25
6.75	1.02	0.81	0.14	9.35	1.73	1.51	0.25
6.80	1.03	0.82	0.14	9.40	1.75	1.53	0.26
6.85	1.04	0.83	0.14	9.45	1.77	1.55	0.26
6.90	1.05	0.84	0.15	9.50	1.79	1.57	0.27
6.95	1.07	0.85	0.15	9.55	1.81	1.59	0.27
7.00	1.08	0.87	0.15	9.60	1.83	1.61	0.28
7.05	1.09	0.88	0.15	9.65	1.85	1.63	0.28
7.10	1.10	0.89	0.15	9.70	1.88	1.65	0.29
7.15	1.11	0.90	0.15	9.75	1.90	1.67	0.30
7.20	1.12	0.91	0.16	9.80	1.92	1.69	0.30
7.25	1.13	0.92	0.16	9.85	1.94	1.72	0.31
7.30	1.15	0.93	0.16	9.90	1.97	1.74	0.31
7.35	1.16	0.94	0.16	9.95	1.99	1.76	0.32
7.40	1.17	0.96	0.16	10.00	2.01	1.79	0.33
7.45	1.18	0.97	0.16	10.05	2.04	1.81	0.33
7.50	1.19	0.98	0.16	10.10	2.06	1.84	0.34
7.55	1.21	0.99	0.17	10.15	2.09	1.86	0.34
7.60	1.22	1.00	0.17	10.20	2.11	1.89	0.35
7.65	1.23	1.02	0.17	10.25	2.14	1.91	0.35
7.70	1.24	1.03	0.17	10.30	2.17	1.94	0.36
7.75	1.26	1.04	0.17	10.35	2.19	1.97	0.37

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.37	13.00	8.39	8.15	0.70
10.45	2.25	2.02	0.38	13.05	8.43	8.19	0.66
10.50	2.28	2.05	0.38	13.10	8.48	8.24	0.62
10.55	2.31	2.08	0.40	13.15	8.52	8.28	0.59
10.60	2.34	2.11	0.42	13.20	8.56	8.32	0.57
10.65	2.37	2.14	0.44	13.25	8.60	8.36	0.55
10.70	2.41	2.18	0.47	13.30	8.63	8.39	0.52
10.75	2.44	2.21	0.49	13.35	8.67	8.43	0.50
10.80	2.48	2.25	0.51	13.40	8.70	8.46	0.48
10.85	2.52	2.29	0.53	13.45	8.73	8.49	0.46
10.90	2.56	2.33	0.55	13.50	8.76	8.52	0.44
10.95	2.61	2.38	0.58	13.55	8.79	8.55	0.42
11.00	2.65	2.42	0.60	13.60	8.82	8.58	0.39
11.05	2.70	2.47	0.63	13.65	8.85	8.61	0.38
11.10	2.75	2.52	0.68	13.70	8.87	8.63	0.38
11.15	2.80	2.57	0.72	13.75	8.90	8.66	0.37
11.20	2.86	2.63	0.76	13.80	8.93	8.69	0.37
11.25	2.92	2.69	0.80	13.85	8.95	8.71	0.36
11.30	2.98	2.75	0.84	13.90	8.98	8.74	0.35
11.35	3.05	2.82	0.88	13.95	9.00	8.76	0.35
11.40	3.12	2.89	0.92	14.00	9.03	8.79	0.34
11.45	3.19	2.96	0.95	14.05	9.05	8.81	0.34
11.50	3.26	3.03	0.99	14.10	9.07	8.83	0.33
11.55	3.37	3.14	1.20	14.15	9.10	8.86	0.33
11.60	3.49	3.25	1.47	14.20	9.12	8.88	0.32
11.65	3.60	3.37	1.56	14.25	9.14	8.90	0.31
11.70	3.72	3.49	1.62	14.30	9.16	8.92	0.31
11.75	3.88	3.65	1.85	14.35	9.19	8.95	0.30
11.80	4.04	3.81	2.16	14.40	9.21	8.97	0.30
11.85	4.27	4.03	2.54	14.45	9.23	8.99	0.29
11.90	4.49	4.25	3.00	14.50	9.25	9.01	0.29
11.95	4.88	4.64	3.92	14.55	9.27	9.03	0.28
12.00	5.26	5.02	5.08	14.60	9.29	9.05	0.27
12.05	5.91	5.67	6.65	14.65	9.31	9.07	0.27
12.10	6.55	6.31	8.44	14.70	9.32	9.08	0.26
12.15	6.77	6.53	6.67	14.75	9.34	9.10	0.26
12.20	7.00	6.76	3.82	14.80	9.36	9.12	0.25
12.25	7.16	6.92	2.89	14.85	9.38	9.14	0.25
12.30	7.32	7.08	2.35	14.90	9.40	9.15	0.24
12.35	7.44	7.20	2.02	14.95	9.41	9.17	0.23
12.40	7.55	7.31	1.71	15.00	9.43	9.19	0.23
12.45	7.67	7.43	1.61	15.05	9.44	9.20	0.22
12.50	7.78	7.54	1.56	15.10	9.46	9.22	0.22
12.55	7.85	7.61	1.34	15.15	9.47	9.23	0.21
12.60	7.92	7.68	1.07	15.20	9.49	9.25	0.21
12.65	7.99	7.75	0.99	15.25	9.50	9.26	0.21
12.70	8.06	7.82	0.94	15.30	9.52	9.28	0.21
12.75	8.12	7.88	0.91	15.35	9.53	9.29	0.21
12.80	8.18	7.94	0.86	15.40	9.55	9.31	0.21
12.85	8.24	8.00	0.82	15.45	9.56	9.32	0.20
12.90	8.29	8.05	0.78	15.50	9.58	9.34	0.20
12.95	8.34	8.10	0.74	15.55	9.59	9.35	0.20

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.20	18.20	10.20	9.96	0.12
15.65	9.62	9.38	0.20	18.25	10.21	9.97	0.12
15.70	9.64	9.39	0.20	18.30	10.22	9.98	0.12
15.75	9.65	9.41	0.19	18.35	10.23	9.99	0.12
15.80	9.66	9.42	0.19	18.40	10.24	9.99	0.12
15.85	9.68	9.44	0.19	18.45	10.24	10.00	0.12
15.90	9.69	9.45	0.19	18.50	10.25	10.01	0.12
15.95	9.70	9.46	0.19	18.55	10.26	10.02	0.12
16.00	9.72	9.48	0.19	18.60	10.27	10.03	0.12
16.05	9.73	9.49	0.19	18.65	10.28	10.04	0.12
16.10	9.74	9.50	0.18	18.70	10.29	10.05	0.12
16.15	9.76	9.52	0.18	18.75	10.30	10.05	0.12
16.20	9.77	9.53	0.18	18.80	10.30	10.06	0.12
16.25	9.78	9.54	0.18	18.85	10.31	10.07	0.12
16.30	9.80	9.55	0.18	18.90	10.32	10.08	0.12
16.35	9.81	9.57	0.18	18.95	10.33	10.09	0.12
16.40	9.82	9.58	0.18	19.00	10.34	10.10	0.12
16.45	9.83	9.59	0.17	19.05	10.35	10.11	0.12
16.50	9.85	9.60	0.17	19.10	10.35	10.11	0.12
16.55	9.86	9.62	0.17	19.15	10.36	10.12	0.12
16.60	9.87	9.63	0.17	19.20	10.37	10.13	0.11
16.65	9.88	9.64	0.17	19.25	10.38	10.14	0.11
16.70	9.89	9.65	0.17	19.30	10.39	10.15	0.11
16.75	9.91	9.66	0.16	19.35	10.40	10.15	0.11
16.80	9.92	9.68	0.16	19.40	10.40	10.16	0.11
16.85	9.93	9.69	0.16	19.45	10.41	10.17	0.11
16.90	9.94	9.70	0.16	19.50	10.42	10.18	0.11
16.95	9.95	9.71	0.16	19.55	10.43	10.19	0.11
17.00	9.96	9.72	0.16	19.60	10.44	10.20	0.11
17.05	9.97	9.73	0.16	19.65	10.44	10.20	0.11
17.10	9.99	9.74	0.15	19.70	10.45	10.21	0.11
17.15	10.00	9.76	0.15	19.75	10.46	10.22	0.11
17.20	10.01	9.77	0.15	19.80	10.47	10.23	0.11
17.25	10.02	9.78	0.15	19.85	10.48	10.24	0.11
17.30	10.03	9.79	0.15	19.90	10.48	10.24	0.11
17.35	10.04	9.80	0.15	19.95	10.49	10.25	0.11
17.40	10.05	9.81	0.14	20.00	10.50	10.26	0.11
17.45	10.06	9.82	0.14	20.05	10.51	10.27	0.11
17.50	10.07	9.83	0.14	20.10	10.52	10.27	0.11
17.55	10.08	9.84	0.14	20.15	10.52	10.28	0.11
17.60	10.09	9.85	0.14	20.20	10.53	10.29	0.11
17.65	10.10	9.86	0.14	20.25	10.54	10.30	0.11
17.70	10.11	9.87	0.14	20.30	10.55	10.31	0.11
17.75	10.12	9.88	0.13	20.35	10.55	10.31	0.11
17.80	10.13	9.89	0.13	20.40	10.56	10.32	0.11
17.85	10.14	9.90	0.13	20.45	10.57	10.33	0.11
17.90	10.15	9.91	0.13	20.50	10.58	10.34	0.10
17.95	10.16	9.92	0.13	20.55	10.58	10.34	0.10
18.00	10.17	9.92	0.13	20.60	10.59	10.35	0.10
18.05	10.17	9.93	0.13	20.65	10.60	10.36	0.10
18.10	10.18	9.94	0.12	20.70	10.61	10.37	0.10
18.15	10.19	9.95	0.12	20.75	10.61	10.37	0.10

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.10	23.40	10.97	10.73	0.08
20.85	10.63	10.39	0.10	23.45	10.97	10.73	0.08
20.90	10.64	10.39	0.10	23.50	10.98	10.74	0.08
20.95	10.64	10.40	0.10	23.55	10.99	10.74	0.08
21.00	10.65	10.41	0.10	23.60	10.99	10.75	0.08
21.05	10.66	10.42	0.10	23.65	11.00	10.76	0.08
21.10	10.66	10.42	0.10	23.70	11.00	10.76	0.08
21.15	10.67	10.43	0.10	23.75	11.01	10.77	0.08
21.20	10.68	10.44	0.10	23.80	11.01	10.77	0.08
21.25	10.69	10.45	0.10	23.85	11.02	10.78	0.08
21.30	10.69	10.45	0.10	23.90	11.03	10.78	0.08
21.35	10.70	10.46	0.10	23.95	11.03	10.79	0.09
21.40	10.71	10.47	0.10	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.10	24.05	11.04	10.80	0.06
21.50	10.72	10.48	0.10	24.10	11.04	10.80	0.01
21.55	10.73	10.49	0.10	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.10	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.10	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.10	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.10	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.10	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.10	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.09	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.09	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.09	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.09	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.09	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.09	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.09	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.09	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.09	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.09	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.09	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.09	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.09	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.09	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.09	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.09	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.09	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.09	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.09	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.09	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.09	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.09	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.09	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.09	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.09	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.08	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.08	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.08	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.08	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.08	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 41I: PDA-41 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 41P: PDA-41 (pervious)

Runoff = 18.28 cfs @ 12.06 hrs, Volume= 1.080 af, Depth= 7.72"
 Routed to Pond B-41 : Basin #41

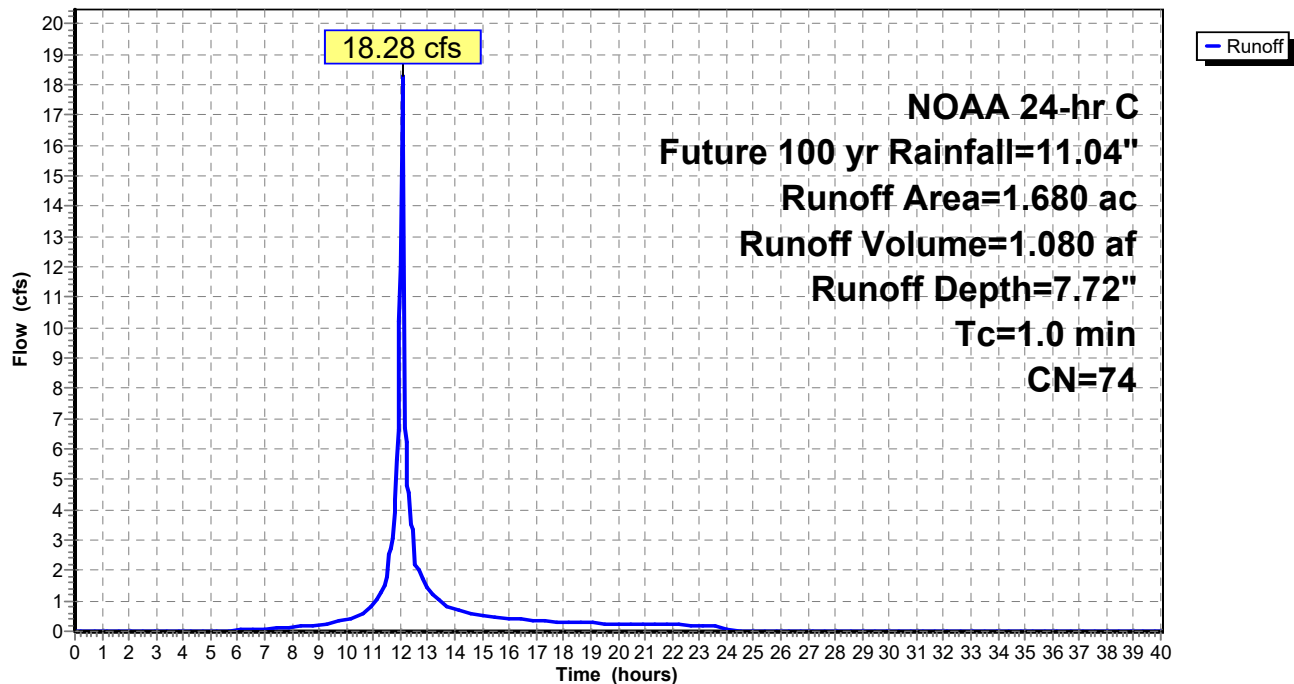
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.680	74	>75% Grass cover, Good, HSG C
1.680		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					Direct Entry,

Subcatchment 41P: PDA-41 (pervious)

Hydrograph



Hydrograph for Subcatchment 41P: PDA-41 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.11
5.25	0.74	0.00	0.01	7.85	1.28	0.08	0.12
5.30	0.75	0.00	0.01	7.90	1.30	0.09	0.12
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.12
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.12
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.13
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.13
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.14
5.60	0.80	0.00	0.02	8.20	1.38	0.11	0.14
5.65	0.81	0.00	0.02	8.25	1.39	0.11	0.14
5.70	0.82	0.00	0.02	8.30	1.40	0.12	0.14
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.15
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.15
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.16
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.16
5.95	0.87	0.01	0.03	8.55	1.48	0.14	0.16
6.00	0.87	0.01	0.03	8.60	1.49	0.14	0.16
6.05	0.88	0.01	0.03	8.65	1.51	0.15	0.17
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.17
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.18
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.18
6.25	0.92	0.01	0.04	8.85	1.57	0.17	0.18
6.30	0.93	0.01	0.04	8.90	1.58	0.18	0.19
6.35	0.94	0.02	0.04	8.95	1.60	0.18	0.19
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.20
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.21
6.50	0.97	0.02	0.05	9.10	1.64	0.20	0.21
6.55	0.98	0.02	0.05	9.15	1.66	0.21	0.22
6.60	0.99	0.02	0.05	9.20	1.68	0.21	0.23
6.65	1.00	0.02	0.05	9.25	1.70	0.22	0.24
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.24
6.75	1.02	0.03	0.06	9.35	1.73	0.23	0.25
6.80	1.03	0.03	0.06	9.40	1.75	0.24	0.26
6.85	1.04	0.03	0.06	9.45	1.77	0.25	0.27
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.28
6.95	1.07	0.03	0.07	9.55	1.81	0.27	0.29
7.00	1.08	0.04	0.07	9.60	1.83	0.28	0.30
7.05	1.09	0.04	0.07	9.65	1.85	0.28	0.31
7.10	1.10	0.04	0.07	9.70	1.88	0.29	0.32
7.15	1.11	0.04	0.08	9.75	1.90	0.30	0.33
7.20	1.12	0.04	0.08	9.80	1.92	0.31	0.34
7.25	1.13	0.05	0.08	9.85	1.94	0.32	0.35
7.30	1.15	0.05	0.08	9.90	1.97	0.33	0.36
7.35	1.16	0.05	0.09	9.95	1.99	0.34	0.37
7.40	1.17	0.05	0.09	10.00	2.01	0.36	0.38
7.45	1.18	0.06	0.09	10.05	2.04	0.37	0.39
7.50	1.19	0.06	0.09	10.10	2.06	0.38	0.40
7.55	1.21	0.06	0.10	10.15	2.09	0.39	0.42
7.60	1.22	0.07	0.10	10.20	2.11	0.40	0.42
7.65	1.23	0.07	0.10	10.25	2.14	0.42	0.44
7.70	1.24	0.07	0.11	10.30	2.17	0.43	0.45
7.75	1.26	0.08	0.11	10.35	2.19	0.44	0.46

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.47	13.00	8.39	5.28	1.48
10.45	2.25	0.47	0.49	13.05	8.43	5.32	1.34
10.50	2.28	0.49	0.50	13.10	8.48	5.36	1.32
10.55	2.31	0.50	0.55	13.15	8.52	5.39	1.24
10.60	2.34	0.52	0.57	13.20	8.56	5.43	1.22
10.65	2.37	0.54	0.62	13.25	8.60	5.46	1.15
10.70	2.41	0.56	0.64	13.30	8.63	5.50	1.13
10.75	2.44	0.58	0.70	13.35	8.67	5.53	1.05
10.80	2.48	0.60	0.72	13.40	8.70	5.56	1.03
10.85	2.52	0.62	0.77	13.45	8.73	5.59	0.96
10.90	2.56	0.64	0.80	13.50	8.76	5.61	0.94
10.95	2.61	0.67	0.86	13.55	8.79	5.64	0.86
11.00	2.65	0.69	0.89	13.60	8.82	5.67	0.85
11.05	2.70	0.72	0.99	13.65	8.85	5.69	0.83
11.10	2.75	0.75	1.03	13.70	8.87	5.71	0.83
11.15	2.80	0.79	1.14	13.75	8.90	5.74	0.81
11.20	2.86	0.82	1.18	13.80	8.93	5.76	0.80
11.25	2.92	0.86	1.30	13.85	8.95	5.79	0.79
11.30	2.98	0.90	1.34	13.90	8.98	5.81	0.78
11.35	3.05	0.94	1.46	13.95	9.00	5.83	0.76
11.40	3.12	0.98	1.50	14.00	9.03	5.85	0.75
11.45	3.19	1.03	1.60	14.05	9.05	5.88	0.73
11.50	3.26	1.08	1.80	14.10	9.07	5.90	0.73
11.55	3.37	1.15	2.54	14.15	9.10	5.92	0.71
11.60	3.49	1.23	2.62	14.20	9.12	5.94	0.70
11.65	3.60	1.31	2.77	14.25	9.14	5.96	0.68
11.70	3.72	1.39	3.03	14.30	9.16	5.98	0.68
11.75	3.88	1.51	3.92	14.35	9.19	6.00	0.66
11.80	4.04	1.63	4.32	14.40	9.21	6.02	0.65
11.85	4.27	1.79	5.65	14.45	9.23	6.04	0.63
11.90	4.49	1.96	6.65	14.50	9.25	6.06	0.63
11.95	4.88	2.27	10.20	14.55	9.27	6.07	0.61
12.00	5.26	2.57	11.98	14.60	9.29	6.09	0.60
12.05	5.91	3.11	18.01	14.65	9.31	6.11	0.58
12.10	6.55	3.65	16.11	14.70	9.32	6.13	0.58
12.15	6.77	3.85	6.70	14.75	9.34	6.14	0.56
12.20	7.00	4.04	6.21	14.80	9.36	6.16	0.55
12.25	7.16	4.18	4.80	14.85	9.38	6.17	0.53
12.30	7.32	4.32	4.53	14.90	9.40	6.19	0.53
12.35	7.44	4.43	3.53	14.95	9.41	6.21	0.51
12.40	7.55	4.53	3.48	15.00	9.43	6.22	0.50
12.45	7.67	4.63	3.36	15.05	9.44	6.23	0.48
12.50	7.78	4.73	3.12	15.10	9.46	6.25	0.48
12.55	7.85	4.79	2.19	15.15	9.47	6.26	0.47
12.60	7.92	4.86	2.15	15.20	9.49	6.28	0.47
12.65	7.99	4.92	2.05	15.25	9.50	6.29	0.47
12.70	8.06	4.98	2.01	15.30	9.52	6.30	0.47
12.75	8.12	5.03	1.87	15.35	9.53	6.32	0.46
12.80	8.18	5.09	1.83	15.40	9.55	6.33	0.46
12.85	8.24	5.14	1.70	15.45	9.56	6.34	0.45
12.90	8.29	5.19	1.66	15.50	9.58	6.36	0.45
12.95	8.34	5.23	1.52	15.55	9.59	6.37	0.45

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.45	18.20	10.20	6.93	0.28
15.65	9.62	6.40	0.44	18.25	10.21	6.94	0.28
15.70	9.64	6.41	0.44	18.30	10.22	6.95	0.28
15.75	9.65	6.42	0.43	18.35	10.23	6.96	0.27
15.80	9.66	6.44	0.43	18.40	10.24	6.97	0.27
15.85	9.68	6.45	0.43	18.45	10.24	6.97	0.27
15.90	9.69	6.46	0.43	18.50	10.25	6.98	0.27
15.95	9.70	6.47	0.42	18.55	10.26	6.99	0.27
16.00	9.72	6.49	0.42	18.60	10.27	7.00	0.27
16.05	9.73	6.50	0.42	18.65	10.28	7.01	0.27
16.10	9.74	6.51	0.41	18.70	10.29	7.01	0.27
16.15	9.76	6.52	0.41	18.75	10.30	7.02	0.27
16.20	9.77	6.54	0.41	18.80	10.30	7.03	0.27
16.25	9.78	6.55	0.40	18.85	10.31	7.04	0.27
16.30	9.80	6.56	0.40	18.90	10.32	7.04	0.27
16.35	9.81	6.57	0.40	18.95	10.33	7.05	0.26
16.40	9.82	6.58	0.39	19.00	10.34	7.06	0.26
16.45	9.83	6.59	0.39	19.05	10.35	7.07	0.26
16.50	9.85	6.60	0.39	19.10	10.35	7.08	0.26
16.55	9.86	6.62	0.38	19.15	10.36	7.08	0.26
16.60	9.87	6.63	0.38	19.20	10.37	7.09	0.26
16.65	9.88	6.64	0.37	19.25	10.38	7.10	0.26
16.70	9.89	6.65	0.37	19.30	10.39	7.11	0.26
16.75	9.91	6.66	0.37	19.35	10.40	7.11	0.26
16.80	9.92	6.67	0.37	19.40	10.40	7.12	0.26
16.85	9.93	6.68	0.36	19.45	10.41	7.13	0.26
16.90	9.94	6.69	0.36	19.50	10.42	7.14	0.26
16.95	9.95	6.70	0.35	19.55	10.43	7.14	0.25
17.00	9.96	6.71	0.35	19.60	10.44	7.15	0.25
17.05	9.97	6.72	0.35	19.65	10.44	7.16	0.25
17.10	9.99	6.73	0.35	19.70	10.45	7.17	0.25
17.15	10.00	6.74	0.34	19.75	10.46	7.17	0.25
17.20	10.01	6.75	0.34	19.80	10.47	7.18	0.25
17.25	10.02	6.76	0.33	19.85	10.48	7.19	0.25
17.30	10.03	6.77	0.33	19.90	10.48	7.20	0.25
17.35	10.04	6.78	0.33	19.95	10.49	7.20	0.25
17.40	10.05	6.79	0.33	20.00	10.50	7.21	0.25
17.45	10.06	6.80	0.32	20.05	10.51	7.22	0.25
17.50	10.07	6.81	0.32	20.10	10.52	7.23	0.25
17.55	10.08	6.82	0.31	20.15	10.52	7.23	0.24
17.60	10.09	6.83	0.31	20.20	10.53	7.24	0.24
17.65	10.10	6.84	0.31	20.25	10.54	7.25	0.24
17.70	10.11	6.85	0.31	20.30	10.55	7.25	0.24
17.75	10.12	6.86	0.30	20.35	10.55	7.26	0.24
17.80	10.13	6.87	0.30	20.40	10.56	7.27	0.24
17.85	10.14	6.87	0.29	20.45	10.57	7.28	0.24
17.90	10.15	6.88	0.29	20.50	10.58	7.28	0.24
17.95	10.16	6.89	0.29	20.55	10.58	7.29	0.24
18.00	10.17	6.90	0.28	20.60	10.59	7.30	0.24
18.05	10.17	6.91	0.28	20.65	10.60	7.30	0.24
18.10	10.18	6.92	0.28	20.70	10.61	7.31	0.23
18.15	10.19	6.92	0.28	20.75	10.61	7.32	0.23

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.23	23.40	10.97	7.65	0.19
20.85	10.63	7.33	0.23	23.45	10.97	7.65	0.19
20.90	10.64	7.34	0.23	23.50	10.98	7.66	0.19
20.95	10.64	7.34	0.23	23.55	10.99	7.66	0.19
21.00	10.65	7.35	0.23	23.60	10.99	7.67	0.19
21.05	10.66	7.36	0.23	23.65	11.00	7.67	0.19
21.10	10.66	7.36	0.23	23.70	11.00	7.68	0.18
21.15	10.67	7.37	0.23	23.75	11.01	7.69	0.18
21.20	10.68	7.38	0.23	23.80	11.01	7.69	0.18
21.25	10.69	7.38	0.23	23.85	11.02	7.70	0.18
21.30	10.69	7.39	0.23	23.90	11.03	7.70	0.19
21.35	10.70	7.40	0.22	23.95	11.03	7.71	0.22
21.40	10.71	7.40	0.22	24.00	11.04	7.72	0.18
21.45	10.71	7.41	0.22	24.05	11.04	7.72	0.00
21.50	10.72	7.42	0.22	24.10	11.04	7.72	0.00
21.55	10.73	7.42	0.22	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.22	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.22	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.22	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.22	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.22	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.21	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.21	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.21	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.21	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.21	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.21	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.21	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.21	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.21	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.21	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.21	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.21	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.20	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.20	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.20	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.20	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.20	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.20	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.20	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.20	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.20	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.20	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.20	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.20	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.19	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.19	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.19	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.19	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.19	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.19	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.19	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 41P: PDA-41 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 42I: PDA-42 (impervious)

Runoff = 3.88 cfs @ 12.07 hrs, Volume= 0.268 af, Depth=10.80"
 Routed to Pond B-42 : Basin #42

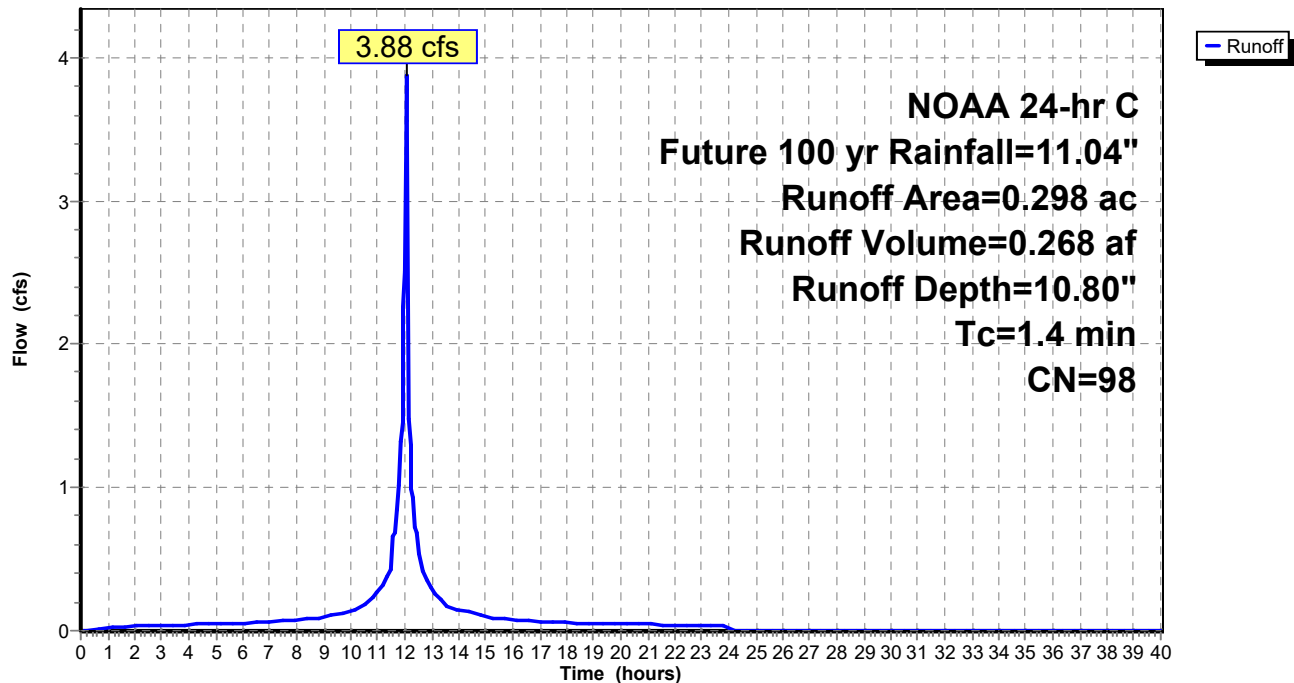
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.000	98	Pavement, HSG C
* 0.298	98	Roof, HSG C
* 0.000	98	Concrete, HSC C
0.298	98	Weighted Average
0.298		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42I: PDA-42 (impervious)

Hydrograph



Hydrograph for Subcatchment 42I: PDA-42 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.03
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.04
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.04
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.04
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.04
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.04
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.04
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.04
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.04
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.04
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.04
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.04
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.04
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.04
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.04
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.04
0.80	0.10	0.01	0.01	3.40	0.45	0.27	0.04
0.85	0.10	0.01	0.01	3.45	0.46	0.28	0.04
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.04
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.04
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.04
1.05	0.13	0.03	0.02	3.65	0.49	0.31	0.04
1.10	0.13	0.03	0.02	3.70	0.49	0.31	0.04
1.15	0.14	0.03	0.02	3.75	0.50	0.32	0.04
1.20	0.15	0.04	0.02	3.80	0.51	0.33	0.04
1.25	0.15	0.04	0.02	3.85	0.52	0.33	0.04
1.30	0.16	0.04	0.02	3.90	0.52	0.34	0.04
1.35	0.16	0.05	0.02	3.95	0.53	0.35	0.04
1.40	0.17	0.05	0.02	4.00	0.54	0.35	0.04
1.45	0.18	0.05	0.02	4.05	0.55	0.36	0.04
1.50	0.18	0.06	0.03	4.10	0.56	0.37	0.04
1.55	0.19	0.06	0.03	4.15	0.56	0.38	0.04
1.60	0.20	0.07	0.03	4.20	0.57	0.38	0.04
1.65	0.20	0.07	0.03	4.25	0.58	0.39	0.04
1.70	0.21	0.08	0.03	4.30	0.59	0.40	0.04
1.75	0.22	0.08	0.03	4.35	0.60	0.41	0.04
1.80	0.22	0.09	0.03	4.40	0.60	0.41	0.04
1.85	0.23	0.09	0.03	4.45	0.61	0.42	0.05
1.90	0.24	0.10	0.03	4.50	0.62	0.43	0.05
1.95	0.24	0.10	0.03	4.55	0.63	0.44	0.05
2.00	0.25	0.11	0.03	4.60	0.64	0.44	0.05
2.05	0.26	0.11	0.03	4.65	0.64	0.45	0.05
2.10	0.26	0.12	0.03	4.70	0.65	0.46	0.05
2.15	0.27	0.12	0.03	4.75	0.66	0.47	0.05
2.20	0.28	0.13	0.03	4.80	0.67	0.47	0.05
2.25	0.28	0.13	0.03	4.85	0.68	0.48	0.05
2.30	0.29	0.14	0.03	4.90	0.69	0.49	0.05
2.35	0.30	0.14	0.03	4.95	0.69	0.50	0.05
2.40	0.30	0.15	0.03	5.00	0.70	0.51	0.05
2.45	0.31	0.15	0.03	5.05	0.71	0.51	0.05
2.50	0.32	0.16	0.03	5.10	0.72	0.52	0.05
2.55	0.33	0.17	0.03	5.15	0.73	0.53	0.05

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.05	7.80	1.27	1.05	0.08
5.25	0.74	0.55	0.05	7.85	1.28	1.07	0.08
5.30	0.75	0.55	0.05	7.90	1.30	1.08	0.08
5.35	0.76	0.56	0.05	7.95	1.31	1.09	0.08
5.40	0.77	0.57	0.05	8.00	1.32	1.11	0.08
5.45	0.78	0.58	0.05	8.05	1.34	1.12	0.08
5.50	0.79	0.59	0.05	8.10	1.35	1.13	0.08
5.55	0.80	0.59	0.05	8.15	1.36	1.15	0.08
5.60	0.80	0.60	0.05	8.20	1.38	1.16	0.08
5.65	0.81	0.61	0.05	8.25	1.39	1.17	0.08
5.70	0.82	0.62	0.05	8.30	1.40	1.19	0.08
5.75	0.83	0.63	0.05	8.35	1.42	1.20	0.08
5.80	0.84	0.64	0.05	8.40	1.43	1.21	0.08
5.85	0.85	0.64	0.05	8.45	1.45	1.23	0.09
5.90	0.86	0.65	0.05	8.50	1.46	1.24	0.09
5.95	0.87	0.66	0.05	8.55	1.48	1.26	0.09
6.00	0.87	0.67	0.05	8.60	1.49	1.27	0.09
6.05	0.88	0.68	0.05	8.65	1.51	1.29	0.09
6.10	0.89	0.69	0.05	8.70	1.52	1.30	0.09
6.15	0.90	0.70	0.05	8.75	1.54	1.32	0.09
6.20	0.91	0.71	0.05	8.80	1.55	1.33	0.09
6.25	0.92	0.71	0.06	8.85	1.57	1.35	0.09
6.30	0.93	0.72	0.06	8.90	1.58	1.36	0.09
6.35	0.94	0.73	0.06	8.95	1.60	1.38	0.09
6.40	0.95	0.74	0.06	9.00	1.61	1.39	0.09
6.45	0.96	0.75	0.06	9.05	1.63	1.41	0.10
6.50	0.97	0.76	0.06	9.10	1.64	1.42	0.10
6.55	0.98	0.77	0.06	9.15	1.66	1.44	0.10
6.60	0.99	0.78	0.06	9.20	1.68	1.46	0.10
6.65	1.00	0.79	0.06	9.25	1.70	1.47	0.11
6.70	1.01	0.80	0.06	9.30	1.72	1.49	0.11
6.75	1.02	0.81	0.06	9.35	1.73	1.51	0.11
6.80	1.03	0.82	0.06	9.40	1.75	1.53	0.11
6.85	1.04	0.83	0.06	9.45	1.77	1.55	0.12
6.90	1.05	0.84	0.06	9.50	1.79	1.57	0.12
6.95	1.07	0.85	0.06	9.55	1.81	1.59	0.12
7.00	1.08	0.87	0.07	9.60	1.83	1.61	0.12
7.05	1.09	0.88	0.07	9.65	1.85	1.63	0.13
7.10	1.10	0.89	0.07	9.70	1.88	1.65	0.13
7.15	1.11	0.90	0.07	9.75	1.90	1.67	0.13
7.20	1.12	0.91	0.07	9.80	1.92	1.69	0.13
7.25	1.13	0.92	0.07	9.85	1.94	1.72	0.14
7.30	1.15	0.93	0.07	9.90	1.97	1.74	0.14
7.35	1.16	0.94	0.07	9.95	1.99	1.76	0.14
7.40	1.17	0.96	0.07	10.00	2.01	1.79	0.14
7.45	1.18	0.97	0.07	10.05	2.04	1.81	0.15
7.50	1.19	0.98	0.07	10.10	2.06	1.84	0.15
7.55	1.21	0.99	0.07	10.15	2.09	1.86	0.15
7.60	1.22	1.00	0.07	10.20	2.11	1.89	0.15
7.65	1.23	1.02	0.07	10.25	2.14	1.91	0.16
7.70	1.24	1.03	0.07	10.30	2.17	1.94	0.16
7.75	1.26	1.04	0.08	10.35	2.19	1.97	0.16

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.16	13.00	8.39	8.15	0.29
10.45	2.25	2.02	0.17	13.05	8.43	8.19	0.26
10.50	2.28	2.05	0.17	13.10	8.48	8.24	0.26
10.55	2.31	2.08	0.18	13.15	8.52	8.28	0.24
10.60	2.34	2.11	0.19	13.20	8.56	8.32	0.24
10.65	2.37	2.14	0.20	13.25	8.60	8.36	0.23
10.70	2.41	2.18	0.21	13.30	8.63	8.39	0.22
10.75	2.44	2.21	0.22	13.35	8.67	8.43	0.21
10.80	2.48	2.25	0.23	13.40	8.70	8.46	0.20
10.85	2.52	2.29	0.24	13.45	8.73	8.49	0.19
10.90	2.56	2.33	0.24	13.50	8.76	8.52	0.18
10.95	2.61	2.38	0.26	13.55	8.79	8.55	0.17
11.00	2.65	2.42	0.27	13.60	8.82	8.58	0.17
11.05	2.70	2.47	0.30	13.65	8.85	8.61	0.16
11.10	2.75	2.52	0.30	13.70	8.87	8.63	0.16
11.15	2.80	2.57	0.33	13.75	8.90	8.66	0.16
11.20	2.86	2.63	0.34	13.80	8.93	8.69	0.16
11.25	2.92	2.69	0.37	13.85	8.95	8.71	0.15
11.30	2.98	2.75	0.37	13.90	8.98	8.74	0.15
11.35	3.05	2.82	0.40	13.95	9.00	8.76	0.15
11.40	3.12	2.89	0.41	14.00	9.03	8.79	0.15
11.45	3.19	2.96	0.43	14.05	9.05	8.81	0.14
11.50	3.26	3.03	0.46	14.10	9.07	8.83	0.14
11.55	3.37	3.14	0.66	14.15	9.10	8.86	0.14
11.60	3.49	3.25	0.67	14.20	9.12	8.88	0.14
11.65	3.60	3.37	0.70	14.25	9.14	8.90	0.13
11.70	3.72	3.49	0.74	14.30	9.16	8.92	0.13
11.75	3.88	3.65	0.95	14.35	9.19	8.95	0.13
11.80	4.04	3.81	1.01	14.40	9.21	8.97	0.13
11.85	4.27	4.03	1.32	14.45	9.23	8.99	0.12
11.90	4.49	4.25	1.46	14.50	9.25	9.01	0.12
11.95	4.88	4.64	2.26	14.55	9.27	9.03	0.12
12.00	5.26	5.02	2.50	14.60	9.29	9.05	0.12
12.05	5.91	5.67	3.78	14.65	9.31	9.07	0.11
12.10	6.55	6.31	3.56	14.70	9.32	9.08	0.11
12.15	6.77	6.53	1.48	14.75	9.34	9.10	0.11
12.20	7.00	6.76	1.30	14.80	9.36	9.12	0.11
12.25	7.16	6.92	0.99	14.85	9.38	9.14	0.10
12.30	7.32	7.08	0.94	14.90	9.40	9.15	0.10
12.35	7.44	7.20	0.72	14.95	9.41	9.17	0.10
12.40	7.55	7.31	0.70	15.00	9.43	9.19	0.10
12.45	7.67	7.43	0.67	15.05	9.44	9.20	0.09
12.50	7.78	7.54	0.64	15.10	9.46	9.22	0.09
12.55	7.85	7.61	0.45	15.15	9.47	9.23	0.09
12.60	7.92	7.68	0.43	15.20	9.49	9.25	0.09
12.65	7.99	7.75	0.41	15.25	9.50	9.26	0.09
12.70	8.06	7.82	0.40	15.30	9.52	9.28	0.09
12.75	8.12	7.88	0.37	15.35	9.53	9.29	0.09
12.80	8.18	7.94	0.37	15.40	9.55	9.31	0.09
12.85	8.24	8.00	0.34	15.45	9.56	9.32	0.09
12.90	8.29	8.05	0.33	15.50	9.58	9.34	0.09
12.95	8.34	8.10	0.30	15.55	9.59	9.35	0.09

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.09	18.20	10.20	9.96	0.05
15.65	9.62	9.38	0.08	18.25	10.21	9.97	0.05
15.70	9.64	9.39	0.08	18.30	10.22	9.98	0.05
15.75	9.65	9.41	0.08	18.35	10.23	9.99	0.05
15.80	9.66	9.42	0.08	18.40	10.24	9.99	0.05
15.85	9.68	9.44	0.08	18.45	10.24	10.00	0.05
15.90	9.69	9.45	0.08	18.50	10.25	10.01	0.05
15.95	9.70	9.46	0.08	18.55	10.26	10.02	0.05
16.00	9.72	9.48	0.08	18.60	10.27	10.03	0.05
16.05	9.73	9.49	0.08	18.65	10.28	10.04	0.05
16.10	9.74	9.50	0.08	18.70	10.29	10.05	0.05
16.15	9.76	9.52	0.08	18.75	10.30	10.05	0.05
16.20	9.77	9.53	0.08	18.80	10.30	10.06	0.05
16.25	9.78	9.54	0.08	18.85	10.31	10.07	0.05
16.30	9.80	9.55	0.08	18.90	10.32	10.08	0.05
16.35	9.81	9.57	0.08	18.95	10.33	10.09	0.05
16.40	9.82	9.58	0.08	19.00	10.34	10.10	0.05
16.45	9.83	9.59	0.07	19.05	10.35	10.11	0.05
16.50	9.85	9.60	0.07	19.10	10.35	10.11	0.05
16.55	9.86	9.62	0.07	19.15	10.36	10.12	0.05
16.60	9.87	9.63	0.07	19.20	10.37	10.13	0.05
16.65	9.88	9.64	0.07	19.25	10.38	10.14	0.05
16.70	9.89	9.65	0.07	19.30	10.39	10.15	0.05
16.75	9.91	9.66	0.07	19.35	10.40	10.15	0.05
16.80	9.92	9.68	0.07	19.40	10.40	10.16	0.05
16.85	9.93	9.69	0.07	19.45	10.41	10.17	0.05
16.90	9.94	9.70	0.07	19.50	10.42	10.18	0.05
16.95	9.95	9.71	0.07	19.55	10.43	10.19	0.05
17.00	9.96	9.72	0.07	19.60	10.44	10.20	0.05
17.05	9.97	9.73	0.07	19.65	10.44	10.20	0.05
17.10	9.99	9.74	0.07	19.70	10.45	10.21	0.05
17.15	10.00	9.76	0.07	19.75	10.46	10.22	0.05
17.20	10.01	9.77	0.07	19.80	10.47	10.23	0.05
17.25	10.02	9.78	0.06	19.85	10.48	10.24	0.05
17.30	10.03	9.79	0.06	19.90	10.48	10.24	0.05
17.35	10.04	9.80	0.06	19.95	10.49	10.25	0.05
17.40	10.05	9.81	0.06	20.00	10.50	10.26	0.05
17.45	10.06	9.82	0.06	20.05	10.51	10.27	0.05
17.50	10.07	9.83	0.06	20.10	10.52	10.27	0.05
17.55	10.08	9.84	0.06	20.15	10.52	10.28	0.05
17.60	10.09	9.85	0.06	20.20	10.53	10.29	0.05
17.65	10.10	9.86	0.06	20.25	10.54	10.30	0.05
17.70	10.11	9.87	0.06	20.30	10.55	10.31	0.05
17.75	10.12	9.88	0.06	20.35	10.55	10.31	0.05
17.80	10.13	9.89	0.06	20.40	10.56	10.32	0.05
17.85	10.14	9.90	0.06	20.45	10.57	10.33	0.05
17.90	10.15	9.91	0.06	20.50	10.58	10.34	0.05
17.95	10.16	9.92	0.05	20.55	10.58	10.34	0.05
18.00	10.17	9.92	0.05	20.60	10.59	10.35	0.05
18.05	10.17	9.93	0.05	20.65	10.60	10.36	0.04
18.10	10.18	9.94	0.05	20.70	10.61	10.37	0.04
18.15	10.19	9.95	0.05	20.75	10.61	10.37	0.04

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.04	23.40	10.97	10.73	0.04
20.85	10.63	10.39	0.04	23.45	10.97	10.73	0.04
20.90	10.64	10.39	0.04	23.50	10.98	10.74	0.04
20.95	10.64	10.40	0.04	23.55	10.99	10.74	0.04
21.00	10.65	10.41	0.04	23.60	10.99	10.75	0.04
21.05	10.66	10.42	0.04	23.65	11.00	10.76	0.04
21.10	10.66	10.42	0.04	23.70	11.00	10.76	0.04
21.15	10.67	10.43	0.04	23.75	11.01	10.77	0.03
21.20	10.68	10.44	0.04	23.80	11.01	10.77	0.03
21.25	10.69	10.45	0.04	23.85	11.02	10.78	0.03
21.30	10.69	10.45	0.04	23.90	11.03	10.78	0.04
21.35	10.70	10.46	0.04	23.95	11.03	10.79	0.04
21.40	10.71	10.47	0.04	24.00	11.04	10.80	0.04
21.45	10.71	10.47	0.04	24.05	11.04	10.80	0.00
21.50	10.72	10.48	0.04	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.04	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.04	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.04	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.04	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.04	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.04	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.04	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.04	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.04	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.04	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.04	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.04	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.04	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.04	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.04	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.04	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.04	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.04	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.04	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.04	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.04	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.04	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.04	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.04	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.04	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.04	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.04	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.04	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.04	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.04	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.04	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.04	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.04	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.04	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.04	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.04	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.04	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 42I: PDA-42 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 42P: PDA-42 (pervious)

Runoff = 5.20 cfs @ 12.07 hrs, Volume= 0.308 af, Depth= 7.72"
 Routed to Pond B-42 : Basin #42

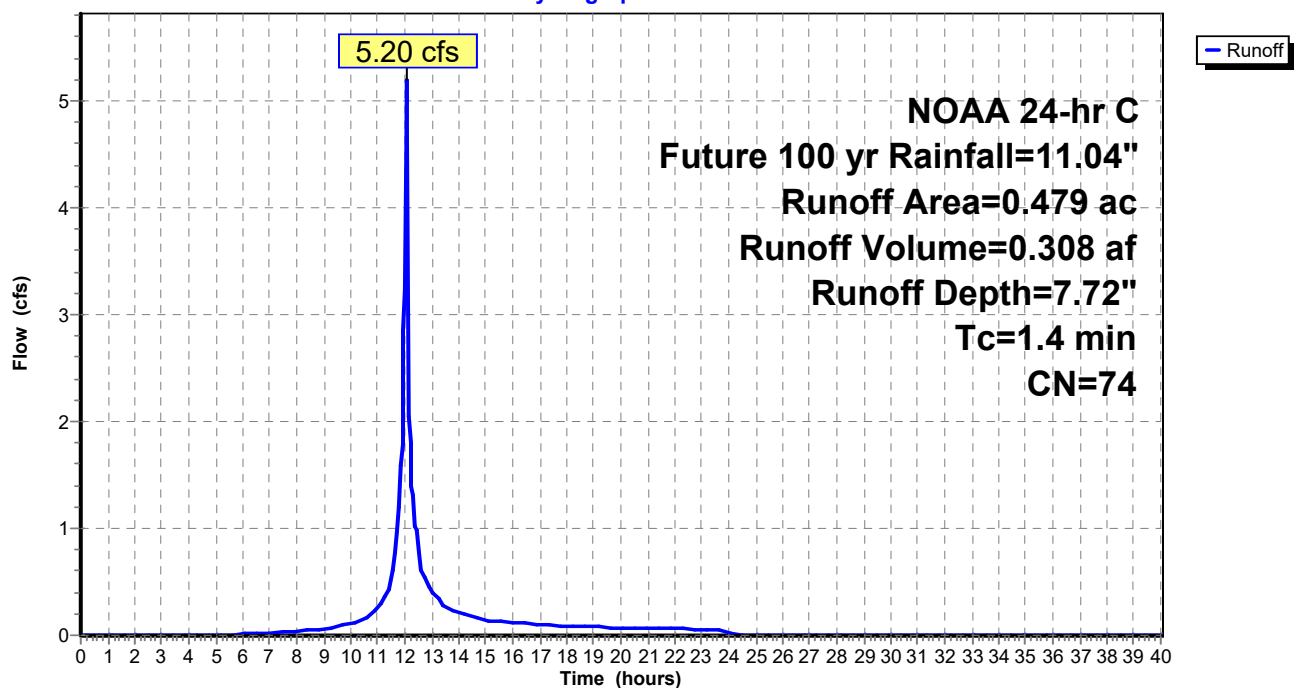
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.479	74	>75% Grass cover, Good, HSG C
0.479		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4					Direct Entry,

Subcatchment 42P: PDA-42 (pervious)

Hydrograph



Hydrograph for Subcatchment 42P: PDA-42 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.03
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.03
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.03
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.03
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.04
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.04
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.04
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.04
5.60	0.80	0.00	0.00	8.20	1.38	0.11	0.04
5.65	0.81	0.00	0.00	8.25	1.39	0.11	0.04
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.04
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.04
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.04
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.04
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.04
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.05
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.05
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.05
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.05
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.05
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.05
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.05
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.05
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.05
6.40	0.95	0.02	0.01	9.00	1.61	0.19	0.06
6.45	0.96	0.02	0.01	9.05	1.63	0.19	0.06
6.50	0.97	0.02	0.01	9.10	1.64	0.20	0.06
6.55	0.98	0.02	0.01	9.15	1.66	0.21	0.06
6.60	0.99	0.02	0.01	9.20	1.68	0.21	0.06
6.65	1.00	0.02	0.01	9.25	1.70	0.22	0.07
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.07
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.07
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.07
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.08
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.08
6.95	1.07	0.03	0.02	9.55	1.81	0.27	0.08
7.00	1.08	0.04	0.02	9.60	1.83	0.28	0.08
7.05	1.09	0.04	0.02	9.65	1.85	0.28	0.09
7.10	1.10	0.04	0.02	9.70	1.88	0.29	0.09
7.15	1.11	0.04	0.02	9.75	1.90	0.30	0.09
7.20	1.12	0.04	0.02	9.80	1.92	0.31	0.10
7.25	1.13	0.05	0.02	9.85	1.94	0.32	0.10
7.30	1.15	0.05	0.02	9.90	1.97	0.33	0.10
7.35	1.16	0.05	0.02	9.95	1.99	0.34	0.11
7.40	1.17	0.05	0.03	10.00	2.01	0.36	0.11
7.45	1.18	0.06	0.03	10.05	2.04	0.37	0.11
7.50	1.19	0.06	0.03	10.10	2.06	0.38	0.11
7.55	1.21	0.06	0.03	10.15	2.09	0.39	0.12
7.60	1.22	0.07	0.03	10.20	2.11	0.40	0.12
7.65	1.23	0.07	0.03	10.25	2.14	0.42	0.12
7.70	1.24	0.07	0.03	10.30	2.17	0.43	0.13
7.75	1.26	0.08	0.03	10.35	2.19	0.44	0.13

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.13	13.00	8.39	5.28	0.43
10.45	2.25	0.47	0.14	13.05	8.43	5.32	0.38
10.50	2.28	0.49	0.14	13.10	8.48	5.36	0.38
10.55	2.31	0.50	0.16	13.15	8.52	5.39	0.36
10.60	2.34	0.52	0.16	13.20	8.56	5.43	0.35
10.65	2.37	0.54	0.18	13.25	8.60	5.46	0.33
10.70	2.41	0.56	0.18	13.30	8.63	5.50	0.32
10.75	2.44	0.58	0.20	13.35	8.67	5.53	0.30
10.80	2.48	0.60	0.20	13.40	8.70	5.56	0.30
10.85	2.52	0.62	0.22	13.45	8.73	5.59	0.27
10.90	2.56	0.64	0.23	13.50	8.76	5.61	0.27
10.95	2.61	0.67	0.24	13.55	8.79	5.64	0.25
11.00	2.65	0.69	0.25	13.60	8.82	5.67	0.24
11.05	2.70	0.72	0.28	13.65	8.85	5.69	0.24
11.10	2.75	0.75	0.29	13.70	8.87	5.71	0.24
11.15	2.80	0.79	0.32	13.75	8.90	5.74	0.23
11.20	2.86	0.82	0.33	13.80	8.93	5.76	0.23
11.25	2.92	0.86	0.37	13.85	8.95	5.79	0.22
11.30	2.98	0.90	0.38	13.90	8.98	5.81	0.22
11.35	3.05	0.94	0.41	13.95	9.00	5.83	0.22
11.40	3.12	0.98	0.42	14.00	9.03	5.85	0.22
11.45	3.19	1.03	0.45	14.05	9.05	5.88	0.21
11.50	3.26	1.08	0.49	14.10	9.07	5.90	0.21
11.55	3.37	1.15	0.71	14.15	9.10	5.92	0.20
11.60	3.49	1.23	0.74	14.20	9.12	5.94	0.20
11.65	3.60	1.31	0.79	14.25	9.14	5.96	0.20
11.70	3.72	1.39	0.84	14.30	9.16	5.98	0.19
11.75	3.88	1.51	1.10	14.35	9.19	6.00	0.19
11.80	4.04	1.63	1.19	14.40	9.21	6.02	0.19
11.85	4.27	1.79	1.59	14.45	9.23	6.04	0.18
11.90	4.49	1.96	1.79	14.50	9.25	6.06	0.18
11.95	4.88	2.27	2.85	14.55	9.27	6.07	0.17
12.00	5.26	2.57	3.24	14.60	9.29	6.09	0.17
12.05	5.91	3.11	5.03	14.65	9.31	6.11	0.17
12.10	6.55	3.65	4.86	14.70	9.32	6.13	0.17
12.15	6.77	3.85	2.05	14.75	9.34	6.14	0.16
12.20	7.00	4.04	1.81	14.80	9.36	6.16	0.16
12.25	7.16	4.18	1.39	14.85	9.38	6.17	0.15
12.30	7.32	4.32	1.32	14.90	9.40	6.19	0.15
12.35	7.44	4.43	1.02	14.95	9.41	6.21	0.14
12.40	7.55	4.53	1.00	15.00	9.43	6.22	0.14
12.45	7.67	4.63	0.96	15.05	9.44	6.23	0.14
12.50	7.78	4.73	0.92	15.10	9.46	6.25	0.14
12.55	7.85	4.79	0.64	15.15	9.47	6.26	0.14
12.60	7.92	4.86	0.62	15.20	9.49	6.28	0.13
12.65	7.99	4.92	0.58	15.25	9.50	6.29	0.13
12.70	8.06	4.98	0.58	15.30	9.52	6.30	0.13
12.75	8.12	5.03	0.54	15.35	9.53	6.32	0.13
12.80	8.18	5.09	0.53	15.40	9.55	6.33	0.13
12.85	8.24	5.14	0.49	15.45	9.56	6.34	0.13
12.90	8.29	5.19	0.48	15.50	9.58	6.36	0.13
12.95	8.34	5.23	0.43	15.55	9.59	6.37	0.13

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.13	18.20	10.20	6.93	0.08
15.65	9.62	6.40	0.13	18.25	10.21	6.94	0.08
15.70	9.64	6.41	0.13	18.30	10.22	6.95	0.08
15.75	9.65	6.42	0.12	18.35	10.23	6.96	0.08
15.80	9.66	6.44	0.12	18.40	10.24	6.97	0.08
15.85	9.68	6.45	0.12	18.45	10.24	6.97	0.08
15.90	9.69	6.46	0.12	18.50	10.25	6.98	0.08
15.95	9.70	6.47	0.12	18.55	10.26	6.99	0.08
16.00	9.72	6.49	0.12	18.60	10.27	7.00	0.08
16.05	9.73	6.50	0.12	18.65	10.28	7.01	0.08
16.10	9.74	6.51	0.12	18.70	10.29	7.01	0.08
16.15	9.76	6.52	0.12	18.75	10.30	7.02	0.08
16.20	9.77	6.54	0.12	18.80	10.30	7.03	0.08
16.25	9.78	6.55	0.11	18.85	10.31	7.04	0.08
16.30	9.80	6.56	0.11	18.90	10.32	7.04	0.08
16.35	9.81	6.57	0.11	18.95	10.33	7.05	0.08
16.40	9.82	6.58	0.11	19.00	10.34	7.06	0.08
16.45	9.83	6.59	0.11	19.05	10.35	7.07	0.07
16.50	9.85	6.60	0.11	19.10	10.35	7.08	0.07
16.55	9.86	6.62	0.11	19.15	10.36	7.08	0.07
16.60	9.87	6.63	0.11	19.20	10.37	7.09	0.07
16.65	9.88	6.64	0.11	19.25	10.38	7.10	0.07
16.70	9.89	6.65	0.11	19.30	10.39	7.11	0.07
16.75	9.91	6.66	0.10	19.35	10.40	7.11	0.07
16.80	9.92	6.67	0.10	19.40	10.40	7.12	0.07
16.85	9.93	6.68	0.10	19.45	10.41	7.13	0.07
16.90	9.94	6.69	0.10	19.50	10.42	7.14	0.07
16.95	9.95	6.70	0.10	19.55	10.43	7.14	0.07
17.00	9.96	6.71	0.10	19.60	10.44	7.15	0.07
17.05	9.97	6.72	0.10	19.65	10.44	7.16	0.07
17.10	9.99	6.73	0.10	19.70	10.45	7.17	0.07
17.15	10.00	6.74	0.10	19.75	10.46	7.17	0.07
17.20	10.01	6.75	0.10	19.80	10.47	7.18	0.07
17.25	10.02	6.76	0.09	19.85	10.48	7.19	0.07
17.30	10.03	6.77	0.09	19.90	10.48	7.20	0.07
17.35	10.04	6.78	0.09	19.95	10.49	7.20	0.07
17.40	10.05	6.79	0.09	20.00	10.50	7.21	0.07
17.45	10.06	6.80	0.09	20.05	10.51	7.22	0.07
17.50	10.07	6.81	0.09	20.10	10.52	7.23	0.07
17.55	10.08	6.82	0.09	20.15	10.52	7.23	0.07
17.60	10.09	6.83	0.09	20.20	10.53	7.24	0.07
17.65	10.10	6.84	0.09	20.25	10.54	7.25	0.07
17.70	10.11	6.85	0.09	20.30	10.55	7.25	0.07
17.75	10.12	6.86	0.09	20.35	10.55	7.26	0.07
17.80	10.13	6.87	0.09	20.40	10.56	7.27	0.07
17.85	10.14	6.87	0.08	20.45	10.57	7.28	0.07
17.90	10.15	6.88	0.08	20.50	10.58	7.28	0.07
17.95	10.16	6.89	0.08	20.55	10.58	7.29	0.07
18.00	10.17	6.90	0.08	20.60	10.59	7.30	0.07
18.05	10.17	6.91	0.08	20.65	10.60	7.30	0.07
18.10	10.18	6.92	0.08	20.70	10.61	7.31	0.07
18.15	10.19	6.92	0.08	20.75	10.61	7.32	0.07

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.07	23.40	10.97	7.65	0.05
20.85	10.63	7.33	0.07	23.45	10.97	7.65	0.05
20.90	10.64	7.34	0.07	23.50	10.98	7.66	0.05
20.95	10.64	7.34	0.07	23.55	10.99	7.66	0.05
21.00	10.65	7.35	0.07	23.60	10.99	7.67	0.05
21.05	10.66	7.36	0.07	23.65	11.00	7.67	0.05
21.10	10.66	7.36	0.07	23.70	11.00	7.68	0.05
21.15	10.67	7.37	0.06	23.75	11.01	7.69	0.05
21.20	10.68	7.38	0.06	23.80	11.01	7.69	0.05
21.25	10.69	7.38	0.06	23.85	11.02	7.70	0.05
21.30	10.69	7.39	0.06	23.90	11.03	7.70	0.05
21.35	10.70	7.40	0.06	23.95	11.03	7.71	0.06
21.40	10.71	7.40	0.06	24.00	11.04	7.72	0.06
21.45	10.71	7.41	0.06	24.05	11.04	7.72	0.00
21.50	10.72	7.42	0.06	24.10	11.04	7.72	0.00
21.55	10.73	7.42	0.06	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.06	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.06	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.06	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.06	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.06	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.06	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.06	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.06	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.06	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.06	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.06	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.06	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.06	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.06	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.06	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.06	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.06	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.06	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.06	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.06	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.06	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.06	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.06	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.06	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.06	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.06	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.06	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.06	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.06	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.06	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.06	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.05	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.05	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.05	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.05	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.05	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 42P: PDA-42 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 43I: PDA-43 (impervious)

Runoff = 12.14 cfs @ 12.08 hrs, Volume= 0.827 af, Depth=10.80"
 Routed to Pond B-43 : Basin #43

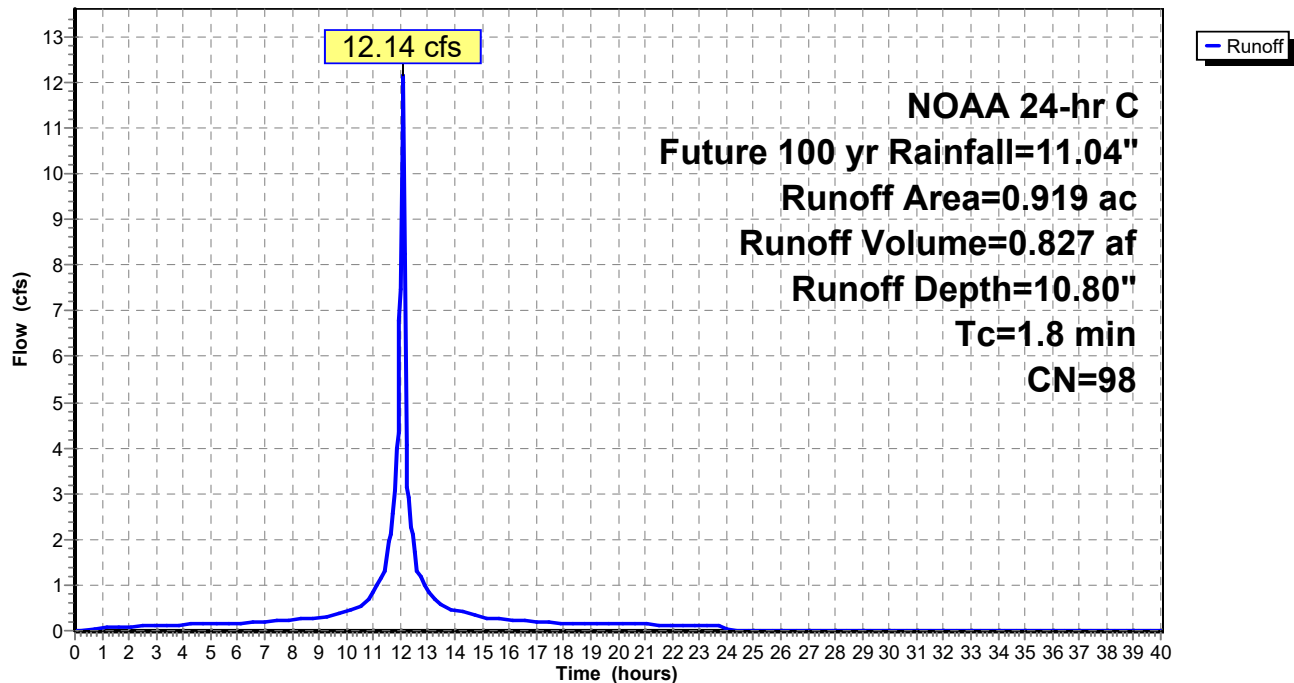
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.326	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.071	98	Concrete, HSC C
0.919	98	Weighted Average
0.919		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.8					Direct Entry,

Subcatchment 43I: PDA-43 (impervious)

Hydrograph



Hydrograph for Subcatchment 43I: PDA-43 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.11
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.11
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.11
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.11
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.11
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.11
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.11
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.11
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.12
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.12
0.50	0.06	0.00	0.02	3.10	0.40	0.23	0.12
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.12
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.12
0.65	0.08	0.01	0.03	3.25	0.43	0.25	0.12
0.70	0.08	0.01	0.03	3.30	0.43	0.26	0.12
0.75	0.09	0.01	0.04	3.35	0.44	0.27	0.12
0.80	0.10	0.01	0.04	3.40	0.45	0.27	0.12
0.85	0.10	0.01	0.04	3.45	0.46	0.28	0.12
0.90	0.11	0.02	0.05	3.50	0.46	0.29	0.13
0.95	0.11	0.02	0.05	3.55	0.47	0.29	0.13
1.00	0.12	0.02	0.05	3.60	0.48	0.30	0.13
1.05	0.13	0.03	0.06	3.65	0.49	0.31	0.13
1.10	0.13	0.03	0.06	3.70	0.49	0.31	0.13
1.15	0.14	0.03	0.06	3.75	0.50	0.32	0.13
1.20	0.15	0.04	0.06	3.80	0.51	0.33	0.13
1.25	0.15	0.04	0.07	3.85	0.52	0.33	0.13
1.30	0.16	0.04	0.07	3.90	0.52	0.34	0.13
1.35	0.16	0.05	0.07	3.95	0.53	0.35	0.13
1.40	0.17	0.05	0.07	4.00	0.54	0.35	0.13
1.45	0.18	0.05	0.08	4.05	0.55	0.36	0.13
1.50	0.18	0.06	0.08	4.10	0.56	0.37	0.13
1.55	0.19	0.06	0.08	4.15	0.56	0.38	0.13
1.60	0.20	0.07	0.08	4.20	0.57	0.38	0.14
1.65	0.20	0.07	0.08	4.25	0.58	0.39	0.14
1.70	0.21	0.08	0.08	4.30	0.59	0.40	0.14
1.75	0.22	0.08	0.09	4.35	0.60	0.41	0.14
1.80	0.22	0.09	0.09	4.40	0.60	0.41	0.14
1.85	0.23	0.09	0.09	4.45	0.61	0.42	0.14
1.90	0.24	0.10	0.09	4.50	0.62	0.43	0.14
1.95	0.24	0.10	0.09	4.55	0.63	0.44	0.14
2.00	0.25	0.11	0.09	4.60	0.64	0.44	0.14
2.05	0.26	0.11	0.09	4.65	0.64	0.45	0.14
2.10	0.26	0.12	0.10	4.70	0.65	0.46	0.14
2.15	0.27	0.12	0.10	4.75	0.66	0.47	0.14
2.20	0.28	0.13	0.10	4.80	0.67	0.47	0.14
2.25	0.28	0.13	0.10	4.85	0.68	0.48	0.14
2.30	0.29	0.14	0.10	4.90	0.69	0.49	0.14
2.35	0.30	0.14	0.10	4.95	0.69	0.50	0.15
2.40	0.30	0.15	0.10	5.00	0.70	0.51	0.15
2.45	0.31	0.15	0.10	5.05	0.71	0.51	0.15
2.50	0.32	0.16	0.11	5.10	0.72	0.52	0.15
2.55	0.33	0.17	0.11	5.15	0.73	0.53	0.15

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.15	7.80	1.27	1.05	0.23
5.25	0.74	0.55	0.15	7.85	1.28	1.07	0.24
5.30	0.75	0.55	0.15	7.90	1.30	1.08	0.24
5.35	0.76	0.56	0.15	7.95	1.31	1.09	0.24
5.40	0.77	0.57	0.15	8.00	1.32	1.11	0.24
5.45	0.78	0.58	0.15	8.05	1.34	1.12	0.24
5.50	0.79	0.59	0.15	8.10	1.35	1.13	0.25
5.55	0.80	0.59	0.15	8.15	1.36	1.15	0.25
5.60	0.80	0.60	0.15	8.20	1.38	1.16	0.25
5.65	0.81	0.61	0.15	8.25	1.39	1.17	0.25
5.70	0.82	0.62	0.15	8.30	1.40	1.19	0.25
5.75	0.83	0.63	0.16	8.35	1.42	1.20	0.26
5.80	0.84	0.64	0.16	8.40	1.43	1.21	0.26
5.85	0.85	0.64	0.16	8.45	1.45	1.23	0.26
5.90	0.86	0.65	0.16	8.50	1.46	1.24	0.26
5.95	0.87	0.66	0.16	8.55	1.48	1.26	0.27
6.00	0.87	0.67	0.16	8.60	1.49	1.27	0.27
6.05	0.88	0.68	0.16	8.65	1.51	1.29	0.27
6.10	0.89	0.69	0.16	8.70	1.52	1.30	0.27
6.15	0.90	0.70	0.17	8.75	1.54	1.32	0.27
6.20	0.91	0.71	0.17	8.80	1.55	1.33	0.27
6.25	0.92	0.71	0.17	8.85	1.57	1.35	0.28
6.30	0.93	0.72	0.17	8.90	1.58	1.36	0.28
6.35	0.94	0.73	0.17	8.95	1.60	1.38	0.28
6.40	0.95	0.74	0.18	9.00	1.61	1.39	0.28
6.45	0.96	0.75	0.18	9.05	1.63	1.41	0.30
6.50	0.97	0.76	0.18	9.10	1.64	1.42	0.30
6.55	0.98	0.77	0.18	9.15	1.66	1.44	0.31
6.60	0.99	0.78	0.18	9.20	1.68	1.46	0.31
6.65	1.00	0.79	0.19	9.25	1.70	1.47	0.33
6.70	1.01	0.80	0.19	9.30	1.72	1.49	0.33
6.75	1.02	0.81	0.19	9.35	1.73	1.51	0.34
6.80	1.03	0.82	0.19	9.40	1.75	1.53	0.34
6.85	1.04	0.83	0.20	9.45	1.77	1.55	0.36
6.90	1.05	0.84	0.20	9.50	1.79	1.57	0.36
6.95	1.07	0.85	0.20	9.55	1.81	1.59	0.37
7.00	1.08	0.87	0.20	9.60	1.83	1.61	0.38
7.05	1.09	0.88	0.20	9.65	1.85	1.63	0.39
7.10	1.10	0.89	0.20	9.70	1.88	1.65	0.39
7.15	1.11	0.90	0.21	9.75	1.90	1.67	0.40
7.20	1.12	0.91	0.21	9.80	1.92	1.69	0.41
7.25	1.13	0.92	0.21	9.85	1.94	1.72	0.42
7.30	1.15	0.93	0.21	9.90	1.97	1.74	0.42
7.35	1.16	0.94	0.22	9.95	1.99	1.76	0.43
7.40	1.17	0.96	0.22	10.00	2.01	1.79	0.44
7.45	1.18	0.97	0.22	10.05	2.04	1.81	0.45
7.50	1.19	0.98	0.22	10.10	2.06	1.84	0.45
7.55	1.21	0.99	0.22	10.15	2.09	1.86	0.47
7.60	1.22	1.00	0.22	10.20	2.11	1.89	0.47
7.65	1.23	1.02	0.23	10.25	2.14	1.91	0.48
7.70	1.24	1.03	0.23	10.30	2.17	1.94	0.48
7.75	1.26	1.04	0.23	10.35	2.19	1.97	0.50

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.50	13.00	8.39	8.15	0.91
10.45	2.25	2.02	0.51	13.05	8.43	8.19	0.82
10.50	2.28	2.05	0.52	13.10	8.48	8.24	0.81
10.55	2.31	2.08	0.56	13.15	8.52	8.28	0.76
10.60	2.34	2.11	0.58	13.20	8.56	8.32	0.75
10.65	2.37	2.14	0.62	13.25	8.60	8.36	0.70
10.70	2.41	2.18	0.63	13.30	8.63	8.39	0.69
10.75	2.44	2.21	0.68	13.35	8.67	8.43	0.64
10.80	2.48	2.25	0.69	13.40	8.70	8.46	0.63
10.85	2.52	2.29	0.74	13.45	8.73	8.49	0.58
10.90	2.56	2.33	0.75	13.50	8.76	8.52	0.57
10.95	2.61	2.38	0.80	13.55	8.79	8.55	0.52
11.00	2.65	2.42	0.81	13.60	8.82	8.58	0.52
11.05	2.70	2.47	0.90	13.65	8.85	8.61	0.50
11.10	2.75	2.52	0.92	13.70	8.87	8.63	0.50
11.15	2.80	2.57	1.01	13.75	8.90	8.66	0.49
11.20	2.86	2.63	1.03	13.80	8.93	8.69	0.48
11.25	2.92	2.69	1.12	13.85	8.95	8.71	0.47
11.30	2.98	2.75	1.14	13.90	8.98	8.74	0.47
11.35	3.05	2.82	1.23	13.95	9.00	8.76	0.46
11.40	3.12	2.89	1.25	14.00	9.03	8.79	0.45
11.45	3.19	2.96	1.32	14.05	9.05	8.81	0.44
11.50	3.26	3.03	1.38	14.10	9.07	8.83	0.44
11.55	3.37	3.14	1.97	14.15	9.10	8.86	0.43
11.60	3.49	3.25	2.07	14.20	9.12	8.88	0.42
11.65	3.60	3.37	2.16	14.25	9.14	8.90	0.41
11.70	3.72	3.49	2.23	14.30	9.16	8.92	0.41
11.75	3.88	3.65	2.88	14.35	9.19	8.95	0.40
11.80	4.04	3.81	3.06	14.40	9.21	8.97	0.39
11.85	4.27	4.03	3.99	14.45	9.23	8.99	0.38
11.90	4.49	4.25	4.34	14.50	9.25	9.01	0.38
11.95	4.88	4.64	6.77	14.55	9.27	9.03	0.37
12.00	5.26	5.02	7.47	14.60	9.29	9.05	0.36
12.05	5.91	5.67	11.33	14.65	9.31	9.07	0.35
12.10	6.55	6.31	11.38	14.70	9.32	9.08	0.35
12.15	6.77	6.53	5.11	14.75	9.34	9.10	0.34
12.20	7.00	6.76	4.07	14.80	9.36	9.12	0.33
12.25	7.16	6.92	3.13	14.85	9.38	9.14	0.32
12.30	7.32	7.08	2.93	14.90	9.40	9.15	0.32
12.35	7.44	7.20	2.28	14.95	9.41	9.17	0.30
12.40	7.55	7.31	2.17	15.00	9.43	9.19	0.30
12.45	7.67	7.43	2.08	15.05	9.44	9.20	0.29
12.50	7.78	7.54	2.02	15.10	9.46	9.22	0.29
12.55	7.85	7.61	1.43	15.15	9.47	9.23	0.28
12.60	7.92	7.68	1.33	15.20	9.49	9.25	0.28
12.65	7.99	7.75	1.26	15.25	9.50	9.26	0.28
12.70	8.06	7.82	1.24	15.30	9.52	9.28	0.28
12.75	8.12	7.88	1.15	15.35	9.53	9.29	0.28
12.80	8.18	7.94	1.13	15.40	9.55	9.31	0.27
12.85	8.24	8.00	1.04	15.45	9.56	9.32	0.27
12.90	8.29	8.05	1.02	15.50	9.58	9.34	0.27
12.95	8.34	8.10	0.93	15.55	9.59	9.35	0.27

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.27	18.20	10.20	9.96	0.16
15.65	9.62	9.38	0.26	18.25	10.21	9.97	0.16
15.70	9.64	9.39	0.26	18.30	10.22	9.98	0.16
15.75	9.65	9.41	0.26	18.35	10.23	9.99	0.16
15.80	9.66	9.42	0.26	18.40	10.24	9.99	0.16
15.85	9.68	9.44	0.26	18.45	10.24	10.00	0.16
15.90	9.69	9.45	0.25	18.50	10.25	10.01	0.16
15.95	9.70	9.46	0.25	18.55	10.26	10.02	0.16
16.00	9.72	9.48	0.25	18.60	10.27	10.03	0.16
16.05	9.73	9.49	0.25	18.65	10.28	10.04	0.16
16.10	9.74	9.50	0.25	18.70	10.29	10.05	0.16
16.15	9.76	9.52	0.24	18.75	10.30	10.05	0.16
16.20	9.77	9.53	0.24	18.80	10.30	10.06	0.16
16.25	9.78	9.54	0.24	18.85	10.31	10.07	0.16
16.30	9.80	9.55	0.24	18.90	10.32	10.08	0.16
16.35	9.81	9.57	0.23	18.95	10.33	10.09	0.16
16.40	9.82	9.58	0.23	19.00	10.34	10.10	0.16
16.45	9.83	9.59	0.23	19.05	10.35	10.11	0.15
16.50	9.85	9.60	0.23	19.10	10.35	10.11	0.15
16.55	9.86	9.62	0.23	19.15	10.36	10.12	0.15
16.60	9.87	9.63	0.23	19.20	10.37	10.13	0.15
16.65	9.88	9.64	0.22	19.25	10.38	10.14	0.15
16.70	9.89	9.65	0.22	19.30	10.39	10.15	0.15
16.75	9.91	9.66	0.22	19.35	10.40	10.15	0.15
16.80	9.92	9.68	0.22	19.40	10.40	10.16	0.15
16.85	9.93	9.69	0.21	19.45	10.41	10.17	0.15
16.90	9.94	9.70	0.21	19.50	10.42	10.18	0.15
16.95	9.95	9.71	0.21	19.55	10.43	10.19	0.15
17.00	9.96	9.72	0.21	19.60	10.44	10.20	0.15
17.05	9.97	9.73	0.21	19.65	10.44	10.20	0.15
17.10	9.99	9.74	0.21	19.70	10.45	10.21	0.15
17.15	10.00	9.76	0.20	19.75	10.46	10.22	0.15
17.20	10.01	9.77	0.20	19.80	10.47	10.23	0.15
17.25	10.02	9.78	0.20	19.85	10.48	10.24	0.15
17.30	10.03	9.79	0.20	19.90	10.48	10.24	0.15
17.35	10.04	9.80	0.19	19.95	10.49	10.25	0.15
17.40	10.05	9.81	0.19	20.00	10.50	10.26	0.15
17.45	10.06	9.82	0.19	20.05	10.51	10.27	0.14
17.50	10.07	9.83	0.19	20.10	10.52	10.27	0.14
17.55	10.08	9.84	0.19	20.15	10.52	10.28	0.14
17.60	10.09	9.85	0.18	20.20	10.53	10.29	0.14
17.65	10.10	9.86	0.18	20.25	10.54	10.30	0.14
17.70	10.11	9.87	0.18	20.30	10.55	10.31	0.14
17.75	10.12	9.88	0.18	20.35	10.55	10.31	0.14
17.80	10.13	9.89	0.18	20.40	10.56	10.32	0.14
17.85	10.14	9.90	0.17	20.45	10.57	10.33	0.14
17.90	10.15	9.91	0.17	20.50	10.58	10.34	0.14
17.95	10.16	9.92	0.17	20.55	10.58	10.34	0.14
18.00	10.17	9.92	0.17	20.60	10.59	10.35	0.14
18.05	10.17	9.93	0.17	20.65	10.60	10.36	0.14
18.10	10.18	9.94	0.16	20.70	10.61	10.37	0.14
18.15	10.19	9.95	0.16	20.75	10.61	10.37	0.14

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.14	23.40	10.97	10.73	0.11
20.85	10.63	10.39	0.14	23.45	10.97	10.73	0.11
20.90	10.64	10.39	0.14	23.50	10.98	10.74	0.11
20.95	10.64	10.40	0.14	23.55	10.99	10.74	0.11
21.00	10.65	10.41	0.13	23.60	10.99	10.75	0.11
21.05	10.66	10.42	0.13	23.65	11.00	10.76	0.11
21.10	10.66	10.42	0.13	23.70	11.00	10.76	0.11
21.15	10.67	10.43	0.13	23.75	11.01	10.77	0.11
21.20	10.68	10.44	0.13	23.80	11.01	10.77	0.11
21.25	10.69	10.45	0.13	23.85	11.02	10.78	0.11
21.30	10.69	10.45	0.13	23.90	11.03	10.78	0.11
21.35	10.70	10.46	0.13	23.95	11.03	10.79	0.13
21.40	10.71	10.47	0.13	24.00	11.04	10.80	0.12
21.45	10.71	10.47	0.13	24.05	11.04	10.80	0.02
21.50	10.72	10.48	0.13	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.13	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.13	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.13	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.13	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.13	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.13	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.13	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.13	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.12	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.12	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.12	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.12	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.12	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.12	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.12	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.12	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.12	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.12	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.12	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.12	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.12	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.12	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.12	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.12	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.12	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.12	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.12	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.12	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.12	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.12	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.11	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.11	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.11	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.11	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.11	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.11	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.11	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 43I: PDA-43 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 43P: PDA-43 (pervious)

Runoff = 14.16 cfs @ 12.20 hrs, Volume= 1.153 af, Depth= 7.72"
 Routed to Pond B-43 : Basin #43

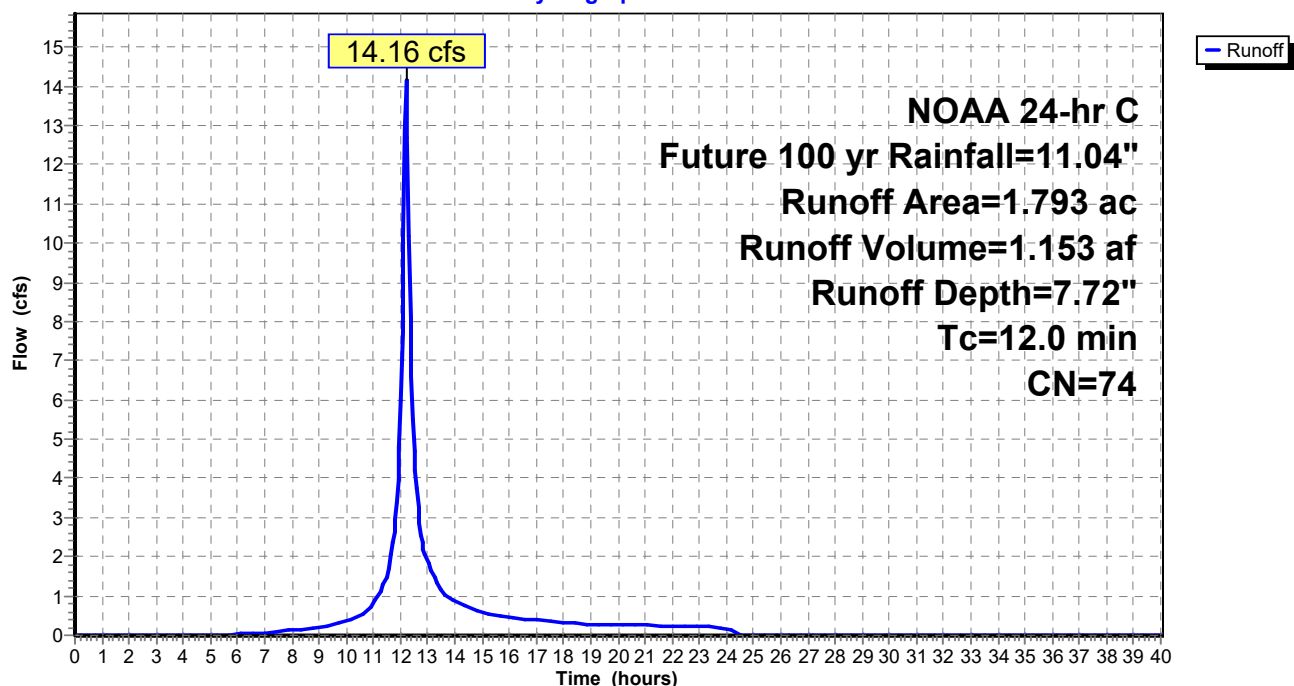
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.793	74	>75% Grass cover, Good, HSG C
1.793		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.0					Direct Entry,

Subcatchment 43P: PDA-43 (pervious)

Hydrograph



Hydrograph for Subcatchment 43P: PDA-43 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.11
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.11
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.12
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.12
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.12
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.13
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.13
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.13
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.14
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.14
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.14
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.15
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.15
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.15
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.16
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.16
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.16
6.05	0.88	0.01	0.03	8.65	1.51	0.15	0.17
6.10	0.89	0.01	0.03	8.70	1.52	0.15	0.17
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.17
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.18
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.18
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.19
6.35	0.94	0.02	0.04	8.95	1.60	0.18	0.19
6.40	0.95	0.02	0.04	9.00	1.61	0.19	0.19
6.45	0.96	0.02	0.04	9.05	1.63	0.19	0.20
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.20
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.21
6.60	0.99	0.02	0.05	9.20	1.68	0.21	0.22
6.65	1.00	0.02	0.05	9.25	1.70	0.22	0.22
6.70	1.01	0.02	0.05	9.30	1.72	0.23	0.23
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.24
6.80	1.03	0.03	0.06	9.40	1.75	0.24	0.25
6.85	1.04	0.03	0.06	9.45	1.77	0.25	0.26
6.90	1.05	0.03	0.06	9.50	1.79	0.26	0.27
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.28
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.29
7.05	1.09	0.04	0.07	9.65	1.85	0.28	0.30
7.10	1.10	0.04	0.07	9.70	1.88	0.29	0.31
7.15	1.11	0.04	0.07	9.75	1.90	0.30	0.32
7.20	1.12	0.04	0.08	9.80	1.92	0.31	0.33
7.25	1.13	0.05	0.08	9.85	1.94	0.32	0.34
7.30	1.15	0.05	0.08	9.90	1.97	0.33	0.35
7.35	1.16	0.05	0.08	9.95	1.99	0.34	0.36
7.40	1.17	0.05	0.09	10.00	2.01	0.36	0.37
7.45	1.18	0.06	0.09	10.05	2.04	0.37	0.38
7.50	1.19	0.06	0.09	10.10	2.06	0.38	0.39
7.55	1.21	0.06	0.09	10.15	2.09	0.39	0.40
7.60	1.22	0.07	0.10	10.20	2.11	0.40	0.41
7.65	1.23	0.07	0.10	10.25	2.14	0.42	0.43
7.70	1.24	0.07	0.10	10.30	2.17	0.43	0.44
7.75	1.26	0.08	0.11	10.35	2.19	0.44	0.45

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.46	13.00	8.39	5.28	1.88
10.45	2.25	0.47	0.47	13.05	8.43	5.32	1.78
10.50	2.28	0.49	0.49	13.10	8.48	5.36	1.69
10.55	2.31	0.50	0.50	13.15	8.52	5.39	1.59
10.60	2.34	0.52	0.52	13.20	8.56	5.43	1.51
10.65	2.37	0.54	0.55	13.25	8.60	5.46	1.44
10.70	2.41	0.56	0.58	13.30	8.63	5.50	1.38
10.75	2.44	0.58	0.61	13.35	8.67	5.53	1.32
10.80	2.48	0.60	0.64	13.40	8.70	5.56	1.26
10.85	2.52	0.62	0.68	13.45	8.73	5.59	1.21
10.90	2.56	0.64	0.72	13.50	8.76	5.61	1.16
10.95	2.61	0.67	0.76	13.55	8.79	5.64	1.11
11.00	2.65	0.69	0.80	13.60	8.82	5.67	1.06
11.05	2.70	0.72	0.85	13.65	8.85	5.69	1.01
11.10	2.75	0.75	0.90	13.70	8.87	5.71	0.96
11.15	2.80	0.79	0.96	13.75	8.90	5.74	0.93
11.20	2.86	0.82	1.02	13.80	8.93	5.76	0.91
11.25	2.92	0.86	1.10	13.85	8.95	5.79	0.89
11.30	2.98	0.90	1.17	13.90	8.98	5.81	0.88
11.35	3.05	0.94	1.25	13.95	9.00	5.83	0.86
11.40	3.12	0.98	1.33	14.00	9.03	5.85	0.85
11.45	3.19	1.03	1.42	14.05	9.05	5.88	0.83
11.50	3.26	1.08	1.50	14.10	9.07	5.90	0.82
11.55	3.37	1.15	1.60	14.15	9.10	5.92	0.81
11.60	3.49	1.23	1.78	14.20	9.12	5.94	0.79
11.65	3.60	1.31	2.07	14.25	9.14	5.96	0.78
11.70	3.72	1.39	2.38	14.30	9.16	5.98	0.77
11.75	3.88	1.51	2.64	14.35	9.19	6.00	0.75
11.80	4.04	1.63	2.95	14.40	9.21	6.02	0.74
11.85	4.27	1.79	3.39	14.45	9.23	6.04	0.73
11.90	4.49	1.96	3.98	14.50	9.25	6.06	0.71
11.95	4.88	2.27	4.77	14.55	9.27	6.07	0.70
12.00	5.26	2.57	5.97	14.60	9.29	6.09	0.69
12.05	5.91	3.11	7.72	14.65	9.31	6.11	0.67
12.10	6.55	3.65	10.18	14.70	9.32	6.13	0.66
12.15	6.77	3.85	13.01	14.75	9.34	6.14	0.64
12.20	7.00	4.04	14.16	14.80	9.36	6.16	0.63
12.25	7.16	4.18	12.68	14.85	9.38	6.17	0.62
12.30	7.32	4.32	10.18	14.90	9.40	6.19	0.61
12.35	7.44	4.43	8.08	14.95	9.41	6.21	0.59
12.40	7.55	4.53	6.60	15.00	9.43	6.22	0.58
12.45	7.67	4.63	5.48	15.05	9.44	6.23	0.56
12.50	7.78	4.73	4.70	15.10	9.46	6.25	0.55
12.55	7.85	4.79	4.19	15.15	9.47	6.26	0.54
12.60	7.92	4.86	3.75	15.20	9.49	6.28	0.53
12.65	7.99	4.92	3.27	15.25	9.50	6.29	0.52
12.70	8.06	4.98	2.84	15.30	9.52	6.30	0.51
12.75	8.12	5.03	2.54	15.35	9.53	6.32	0.51
12.80	8.18	5.09	2.35	15.40	9.55	6.33	0.50
12.85	8.24	5.14	2.21	15.45	9.56	6.34	0.50
12.90	8.29	5.19	2.09	15.50	9.58	6.36	0.50
12.95	8.34	5.23	1.98	15.55	9.59	6.37	0.49

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.49	18.20	10.20	6.93	0.30
15.65	9.62	6.40	0.48	18.25	10.21	6.94	0.30
15.70	9.64	6.41	0.48	18.30	10.22	6.95	0.30
15.75	9.65	6.42	0.48	18.35	10.23	6.96	0.30
15.80	9.66	6.44	0.47	18.40	10.24	6.97	0.30
15.85	9.68	6.45	0.47	18.45	10.24	6.97	0.29
15.90	9.69	6.46	0.47	18.50	10.25	6.98	0.29
15.95	9.70	6.47	0.46	18.55	10.26	6.99	0.29
16.00	9.72	6.49	0.46	18.60	10.27	7.00	0.29
16.05	9.73	6.50	0.46	18.65	10.28	7.01	0.29
16.10	9.74	6.51	0.45	18.70	10.29	7.01	0.29
16.15	9.76	6.52	0.45	18.75	10.30	7.02	0.29
16.20	9.77	6.54	0.45	18.80	10.30	7.03	0.29
16.25	9.78	6.55	0.44	18.85	10.31	7.04	0.29
16.30	9.80	6.56	0.44	18.90	10.32	7.04	0.29
16.35	9.81	6.57	0.43	18.95	10.33	7.05	0.29
16.40	9.82	6.58	0.43	19.00	10.34	7.06	0.28
16.45	9.83	6.59	0.43	19.05	10.35	7.07	0.28
16.50	9.85	6.60	0.42	19.10	10.35	7.08	0.28
16.55	9.86	6.62	0.42	19.15	10.36	7.08	0.28
16.60	9.87	6.63	0.42	19.20	10.37	7.09	0.28
16.65	9.88	6.64	0.41	19.25	10.38	7.10	0.28
16.70	9.89	6.65	0.41	19.30	10.39	7.11	0.28
16.75	9.91	6.66	0.41	19.35	10.40	7.11	0.28
16.80	9.92	6.67	0.40	19.40	10.40	7.12	0.28
16.85	9.93	6.68	0.40	19.45	10.41	7.13	0.28
16.90	9.94	6.69	0.39	19.50	10.42	7.14	0.28
16.95	9.95	6.70	0.39	19.55	10.43	7.14	0.27
17.00	9.96	6.71	0.39	19.60	10.44	7.15	0.27
17.05	9.97	6.72	0.38	19.65	10.44	7.16	0.27
17.10	9.99	6.73	0.38	19.70	10.45	7.17	0.27
17.15	10.00	6.74	0.38	19.75	10.46	7.17	0.27
17.20	10.01	6.75	0.37	19.80	10.47	7.18	0.27
17.25	10.02	6.76	0.37	19.85	10.48	7.19	0.27
17.30	10.03	6.77	0.37	19.90	10.48	7.20	0.27
17.35	10.04	6.78	0.36	19.95	10.49	7.20	0.27
17.40	10.05	6.79	0.36	20.00	10.50	7.21	0.27
17.45	10.06	6.80	0.35	20.05	10.51	7.22	0.27
17.50	10.07	6.81	0.35	20.10	10.52	7.23	0.26
17.55	10.08	6.82	0.35	20.15	10.52	7.23	0.26
17.60	10.09	6.83	0.34	20.20	10.53	7.24	0.26
17.65	10.10	6.84	0.34	20.25	10.54	7.25	0.26
17.70	10.11	6.85	0.34	20.30	10.55	7.25	0.26
17.75	10.12	6.86	0.33	20.35	10.55	7.26	0.26
17.80	10.13	6.87	0.33	20.40	10.56	7.27	0.26
17.85	10.14	6.87	0.33	20.45	10.57	7.28	0.26
17.90	10.15	6.88	0.32	20.50	10.58	7.28	0.26
17.95	10.16	6.89	0.32	20.55	10.58	7.29	0.26
18.00	10.17	6.90	0.32	20.60	10.59	7.30	0.26
18.05	10.17	6.91	0.31	20.65	10.60	7.30	0.26
18.10	10.18	6.92	0.31	20.70	10.61	7.31	0.25
18.15	10.19	6.92	0.30	20.75	10.61	7.32	0.25

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.25	23.40	10.97	7.65	0.20
20.85	10.63	7.33	0.25	23.45	10.97	7.65	0.20
20.90	10.64	7.34	0.25	23.50	10.98	7.66	0.20
20.95	10.64	7.34	0.25	23.55	10.99	7.66	0.20
21.00	10.65	7.35	0.25	23.60	10.99	7.67	0.20
21.05	10.66	7.36	0.25	23.65	11.00	7.67	0.20
21.10	10.66	7.36	0.25	23.70	11.00	7.68	0.20
21.15	10.67	7.37	0.25	23.75	11.01	7.69	0.20
21.20	10.68	7.38	0.24	23.80	11.01	7.69	0.20
21.25	10.69	7.38	0.24	23.85	11.02	7.70	0.20
21.30	10.69	7.39	0.24	23.90	11.03	7.70	0.20
21.35	10.70	7.40	0.24	23.95	11.03	7.71	0.20
21.40	10.71	7.40	0.24	24.00	11.04	7.72	0.20
21.45	10.71	7.41	0.24	24.05	11.04	7.72	0.21
21.50	10.72	7.42	0.24	24.10	11.04	7.72	0.19
21.55	10.73	7.42	0.24	24.15	11.04	7.72	0.14
21.60	10.74	7.43	0.24	24.20	11.04	7.72	0.08
21.65	10.74	7.44	0.24	24.25	11.04	7.72	0.04
21.70	10.75	7.44	0.24	24.30	11.04	7.72	0.02
21.75	10.76	7.45	0.23	24.35	11.04	7.72	0.01
21.80	10.76	7.46	0.23	24.40	11.04	7.72	0.01
21.85	10.77	7.46	0.23	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.23	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.23	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.23	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.23	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.23	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.23	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.23	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.23	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.23	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.22	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.22	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.22	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.22	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.22	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.22	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.22	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.22	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.22	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.22	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.21	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.21	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.21	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.21	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.21	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.21	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.21	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.21	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.21	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.21	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.21	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 43P: PDA-43 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 44I: PDA-44 (impervious)

Runoff = 4.15 cfs @ 12.17 hrs, Volume= 0.370 af, Depth=10.80"
 Routed to Pond B-44 : Basin #44

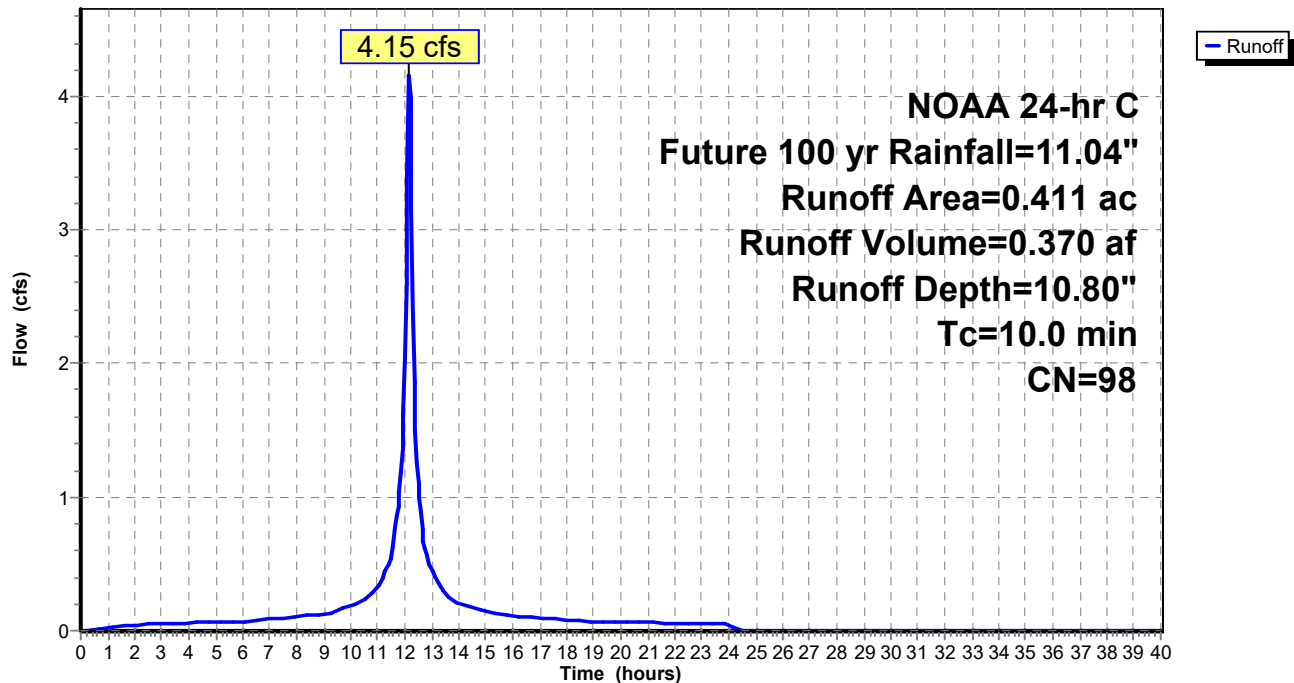
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.283	98	Pavement, HSG C
* 0.104	98	Roof, HSG C
* 0.024	98	Concrete, HSC C
0.411	98	Weighted Average
0.411		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44I: PDA-44 (impervious)

Hydrograph



Hydrograph for Subcatchment 44I: PDA-44 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.05
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.05
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.05
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.05
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.05
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.05
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.05
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.05
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.05
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.05
0.50	0.06	0.00	0.00	3.10	0.40	0.23	0.05
0.55	0.07	0.00	0.00	3.15	0.41	0.24	0.05
0.60	0.07	0.00	0.01	3.20	0.42	0.25	0.05
0.65	0.08	0.01	0.01	3.25	0.43	0.25	0.05
0.70	0.08	0.01	0.01	3.30	0.43	0.26	0.05
0.75	0.09	0.01	0.01	3.35	0.44	0.27	0.05
0.80	0.10	0.01	0.01	3.40	0.45	0.27	0.05
0.85	0.10	0.01	0.02	3.45	0.46	0.28	0.05
0.90	0.11	0.02	0.02	3.50	0.46	0.29	0.05
0.95	0.11	0.02	0.02	3.55	0.47	0.29	0.06
1.00	0.12	0.02	0.02	3.60	0.48	0.30	0.06
1.05	0.13	0.03	0.02	3.65	0.49	0.31	0.06
1.10	0.13	0.03	0.02	3.70	0.49	0.31	0.06
1.15	0.14	0.03	0.02	3.75	0.50	0.32	0.06
1.20	0.15	0.04	0.03	3.80	0.51	0.33	0.06
1.25	0.15	0.04	0.03	3.85	0.52	0.33	0.06
1.30	0.16	0.04	0.03	3.90	0.52	0.34	0.06
1.35	0.16	0.05	0.03	3.95	0.53	0.35	0.06
1.40	0.17	0.05	0.03	4.00	0.54	0.35	0.06
1.45	0.18	0.05	0.03	4.05	0.55	0.36	0.06
1.50	0.18	0.06	0.03	4.10	0.56	0.37	0.06
1.55	0.19	0.06	0.03	4.15	0.56	0.38	0.06
1.60	0.20	0.07	0.03	4.20	0.57	0.38	0.06
1.65	0.20	0.07	0.03	4.25	0.58	0.39	0.06
1.70	0.21	0.08	0.04	4.30	0.59	0.40	0.06
1.75	0.22	0.08	0.04	4.35	0.60	0.41	0.06
1.80	0.22	0.09	0.04	4.40	0.60	0.41	0.06
1.85	0.23	0.09	0.04	4.45	0.61	0.42	0.06
1.90	0.24	0.10	0.04	4.50	0.62	0.43	0.06
1.95	0.24	0.10	0.04	4.55	0.63	0.44	0.06
2.00	0.25	0.11	0.04	4.60	0.64	0.44	0.06
2.05	0.26	0.11	0.04	4.65	0.64	0.45	0.06
2.10	0.26	0.12	0.04	4.70	0.65	0.46	0.06
2.15	0.27	0.12	0.04	4.75	0.66	0.47	0.06
2.20	0.28	0.13	0.04	4.80	0.67	0.47	0.06
2.25	0.28	0.13	0.04	4.85	0.68	0.48	0.06
2.30	0.29	0.14	0.04	4.90	0.69	0.49	0.06
2.35	0.30	0.14	0.04	4.95	0.69	0.50	0.06
2.40	0.30	0.15	0.05	5.00	0.70	0.51	0.06
2.45	0.31	0.15	0.05	5.05	0.71	0.51	0.06
2.50	0.32	0.16	0.05	5.10	0.72	0.52	0.07
2.55	0.33	0.17	0.05	5.15	0.73	0.53	0.07

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.07	7.80	1.27	1.05	0.10
5.25	0.74	0.55	0.07	7.85	1.28	1.07	0.10
5.30	0.75	0.55	0.07	7.90	1.30	1.08	0.10
5.35	0.76	0.56	0.07	7.95	1.31	1.09	0.11
5.40	0.77	0.57	0.07	8.00	1.32	1.11	0.11
5.45	0.78	0.58	0.07	8.05	1.34	1.12	0.11
5.50	0.79	0.59	0.07	8.10	1.35	1.13	0.11
5.55	0.80	0.59	0.07	8.15	1.36	1.15	0.11
5.60	0.80	0.60	0.07	8.20	1.38	1.16	0.11
5.65	0.81	0.61	0.07	8.25	1.39	1.17	0.11
5.70	0.82	0.62	0.07	8.30	1.40	1.19	0.11
5.75	0.83	0.63	0.07	8.35	1.42	1.20	0.11
5.80	0.84	0.64	0.07	8.40	1.43	1.21	0.11
5.85	0.85	0.64	0.07	8.45	1.45	1.23	0.11
5.90	0.86	0.65	0.07	8.50	1.46	1.24	0.12
5.95	0.87	0.66	0.07	8.55	1.48	1.26	0.12
6.00	0.87	0.67	0.07	8.60	1.49	1.27	0.12
6.05	0.88	0.68	0.07	8.65	1.51	1.29	0.12
6.10	0.89	0.69	0.07	8.70	1.52	1.30	0.12
6.15	0.90	0.70	0.07	8.75	1.54	1.32	0.12
6.20	0.91	0.71	0.07	8.80	1.55	1.33	0.12
6.25	0.92	0.71	0.07	8.85	1.57	1.35	0.12
6.30	0.93	0.72	0.07	8.90	1.58	1.36	0.12
6.35	0.94	0.73	0.08	8.95	1.60	1.38	0.12
6.40	0.95	0.74	0.08	9.00	1.61	1.39	0.12
6.45	0.96	0.75	0.08	9.05	1.63	1.41	0.13
6.50	0.97	0.76	0.08	9.10	1.64	1.42	0.13
6.55	0.98	0.77	0.08	9.15	1.66	1.44	0.13
6.60	0.99	0.78	0.08	9.20	1.68	1.46	0.13
6.65	1.00	0.79	0.08	9.25	1.70	1.47	0.14
6.70	1.01	0.80	0.08	9.30	1.72	1.49	0.14
6.75	1.02	0.81	0.08	9.35	1.73	1.51	0.14
6.80	1.03	0.82	0.08	9.40	1.75	1.53	0.15
6.85	1.04	0.83	0.08	9.45	1.77	1.55	0.15
6.90	1.05	0.84	0.09	9.50	1.79	1.57	0.15
6.95	1.07	0.85	0.09	9.55	1.81	1.59	0.16
7.00	1.08	0.87	0.09	9.60	1.83	1.61	0.16
7.05	1.09	0.88	0.09	9.65	1.85	1.63	0.16
7.10	1.10	0.89	0.09	9.70	1.88	1.65	0.17
7.15	1.11	0.90	0.09	9.75	1.90	1.67	0.17
7.20	1.12	0.91	0.09	9.80	1.92	1.69	0.17
7.25	1.13	0.92	0.09	9.85	1.94	1.72	0.18
7.30	1.15	0.93	0.09	9.90	1.97	1.74	0.18
7.35	1.16	0.94	0.09	9.95	1.99	1.76	0.18
7.40	1.17	0.96	0.09	10.00	2.01	1.79	0.19
7.45	1.18	0.97	0.10	10.05	2.04	1.81	0.19
7.50	1.19	0.98	0.10	10.10	2.06	1.84	0.19
7.55	1.21	0.99	0.10	10.15	2.09	1.86	0.20
7.60	1.22	1.00	0.10	10.20	2.11	1.89	0.20
7.65	1.23	1.02	0.10	10.25	2.14	1.91	0.21
7.70	1.24	1.03	0.10	10.30	2.17	1.94	0.21
7.75	1.26	1.04	0.10	10.35	2.19	1.97	0.21

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.22	13.00	8.39	8.15	0.46
10.45	2.25	2.02	0.22	13.05	8.43	8.19	0.44
10.50	2.28	2.05	0.22	13.10	8.48	8.24	0.41
10.55	2.31	2.08	0.23	13.15	8.52	8.28	0.39
10.60	2.34	2.11	0.23	13.20	8.56	8.32	0.37
10.65	2.37	2.14	0.24	13.25	8.60	8.36	0.35
10.70	2.41	2.18	0.26	13.30	8.63	8.39	0.34
10.75	2.44	2.21	0.27	13.35	8.67	8.43	0.32
10.80	2.48	2.25	0.28	13.40	8.70	8.46	0.31
10.85	2.52	2.29	0.29	13.45	8.73	8.49	0.30
10.90	2.56	2.33	0.31	13.50	8.76	8.52	0.28
10.95	2.61	2.38	0.32	13.55	8.79	8.55	0.27
11.00	2.65	2.42	0.33	13.60	8.82	8.58	0.26
11.05	2.70	2.47	0.35	13.65	8.85	8.61	0.25
11.10	2.75	2.52	0.36	13.70	8.87	8.63	0.24
11.15	2.80	2.57	0.39	13.75	8.90	8.66	0.23
11.20	2.86	2.63	0.41	13.80	8.93	8.69	0.23
11.25	2.92	2.69	0.43	13.85	8.95	8.71	0.22
11.30	2.98	2.75	0.46	13.90	8.98	8.74	0.22
11.35	3.05	2.82	0.48	13.95	9.00	8.76	0.21
11.40	3.12	2.89	0.51	14.00	9.03	8.79	0.21
11.45	3.19	2.96	0.53	14.05	9.05	8.81	0.21
11.50	3.26	3.03	0.55	14.10	9.07	8.83	0.20
11.55	3.37	3.14	0.58	14.15	9.10	8.86	0.20
11.60	3.49	3.25	0.66	14.20	9.12	8.88	0.20
11.65	3.60	3.37	0.77	14.25	9.14	8.90	0.19
11.70	3.72	3.49	0.86	14.30	9.16	8.92	0.19
11.75	3.88	3.65	0.93	14.35	9.19	8.95	0.19
11.80	4.04	3.81	1.03	14.40	9.21	8.97	0.18
11.85	4.27	4.03	1.17	14.45	9.23	8.99	0.18
11.90	4.49	4.25	1.37	14.50	9.25	9.01	0.18
11.95	4.88	4.64	1.63	14.55	9.27	9.03	0.17
12.00	5.26	5.02	2.04	14.60	9.29	9.05	0.17
12.05	5.91	5.67	2.59	14.65	9.31	9.07	0.17
12.10	6.55	6.31	3.37	14.70	9.32	9.08	0.16
12.15	6.77	6.53	4.09	14.75	9.34	9.10	0.16
12.20	7.00	6.76	3.98	14.80	9.36	9.12	0.16
12.25	7.16	6.92	3.15	14.85	9.38	9.14	0.15
12.30	7.32	7.08	2.37	14.90	9.40	9.15	0.15
12.35	7.44	7.20	1.86	14.95	9.41	9.17	0.15
12.40	7.55	7.31	1.51	15.00	9.43	9.19	0.14
12.45	7.67	7.43	1.26	15.05	9.44	9.20	0.14
12.50	7.78	7.54	1.10	15.10	9.46	9.22	0.14
12.55	7.85	7.61	1.00	15.15	9.47	9.23	0.13
12.60	7.92	7.68	0.89	15.20	9.49	9.25	0.13
12.65	7.99	7.75	0.76	15.25	9.50	9.26	0.13
12.70	8.06	7.82	0.67	15.30	9.52	9.28	0.13
12.75	8.12	7.88	0.61	15.35	9.53	9.29	0.13
12.80	8.18	7.94	0.57	15.40	9.55	9.31	0.12
12.85	8.24	8.00	0.54	15.45	9.56	9.32	0.12
12.90	8.29	8.05	0.51	15.50	9.58	9.34	0.12
12.95	8.34	8.10	0.49	15.55	9.59	9.35	0.12

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.12	18.20	10.20	9.96	0.07
15.65	9.62	9.38	0.12	18.25	10.21	9.97	0.07
15.70	9.64	9.39	0.12	18.30	10.22	9.98	0.07
15.75	9.65	9.41	0.12	18.35	10.23	9.99	0.07
15.80	9.66	9.42	0.12	18.40	10.24	9.99	0.07
15.85	9.68	9.44	0.12	18.45	10.24	10.00	0.07
15.90	9.69	9.45	0.12	18.50	10.25	10.01	0.07
15.95	9.70	9.46	0.11	18.55	10.26	10.02	0.07
16.00	9.72	9.48	0.11	18.60	10.27	10.03	0.07
16.05	9.73	9.49	0.11	18.65	10.28	10.04	0.07
16.10	9.74	9.50	0.11	18.70	10.29	10.05	0.07
16.15	9.76	9.52	0.11	18.75	10.30	10.05	0.07
16.20	9.77	9.53	0.11	18.80	10.30	10.06	0.07
16.25	9.78	9.54	0.11	18.85	10.31	10.07	0.07
16.30	9.80	9.55	0.11	18.90	10.32	10.08	0.07
16.35	9.81	9.57	0.11	18.95	10.33	10.09	0.07
16.40	9.82	9.58	0.11	19.00	10.34	10.10	0.07
16.45	9.83	9.59	0.11	19.05	10.35	10.11	0.07
16.50	9.85	9.60	0.10	19.10	10.35	10.11	0.07
16.55	9.86	9.62	0.10	19.15	10.36	10.12	0.07
16.60	9.87	9.63	0.10	19.20	10.37	10.13	0.07
16.65	9.88	9.64	0.10	19.25	10.38	10.14	0.07
16.70	9.89	9.65	0.10	19.30	10.39	10.15	0.07
16.75	9.91	9.66	0.10	19.35	10.40	10.15	0.07
16.80	9.92	9.68	0.10	19.40	10.40	10.16	0.07
16.85	9.93	9.69	0.10	19.45	10.41	10.17	0.07
16.90	9.94	9.70	0.10	19.50	10.42	10.18	0.07
16.95	9.95	9.71	0.10	19.55	10.43	10.19	0.07
17.00	9.96	9.72	0.10	19.60	10.44	10.20	0.07
17.05	9.97	9.73	0.09	19.65	10.44	10.20	0.07
17.10	9.99	9.74	0.09	19.70	10.45	10.21	0.07
17.15	10.00	9.76	0.09	19.75	10.46	10.22	0.07
17.20	10.01	9.77	0.09	19.80	10.47	10.23	0.07
17.25	10.02	9.78	0.09	19.85	10.48	10.24	0.07
17.30	10.03	9.79	0.09	19.90	10.48	10.24	0.07
17.35	10.04	9.80	0.09	19.95	10.49	10.25	0.07
17.40	10.05	9.81	0.09	20.00	10.50	10.26	0.07
17.45	10.06	9.82	0.09	20.05	10.51	10.27	0.07
17.50	10.07	9.83	0.09	20.10	10.52	10.27	0.06
17.55	10.08	9.84	0.09	20.15	10.52	10.28	0.06
17.60	10.09	9.85	0.08	20.20	10.53	10.29	0.06
17.65	10.10	9.86	0.08	20.25	10.54	10.30	0.06
17.70	10.11	9.87	0.08	20.30	10.55	10.31	0.06
17.75	10.12	9.88	0.08	20.35	10.55	10.31	0.06
17.80	10.13	9.89	0.08	20.40	10.56	10.32	0.06
17.85	10.14	9.90	0.08	20.45	10.57	10.33	0.06
17.90	10.15	9.91	0.08	20.50	10.58	10.34	0.06
17.95	10.16	9.92	0.08	20.55	10.58	10.34	0.06
18.00	10.17	9.92	0.08	20.60	10.59	10.35	0.06
18.05	10.17	9.93	0.08	20.65	10.60	10.36	0.06
18.10	10.18	9.94	0.08	20.70	10.61	10.37	0.06
18.15	10.19	9.95	0.07	20.75	10.61	10.37	0.06

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.06	23.40	10.97	10.73	0.05
20.85	10.63	10.39	0.06	23.45	10.97	10.73	0.05
20.90	10.64	10.39	0.06	23.50	10.98	10.74	0.05
20.95	10.64	10.40	0.06	23.55	10.99	10.74	0.05
21.00	10.65	10.41	0.06	23.60	10.99	10.75	0.05
21.05	10.66	10.42	0.06	23.65	11.00	10.76	0.05
21.10	10.66	10.42	0.06	23.70	11.00	10.76	0.05
21.15	10.67	10.43	0.06	23.75	11.01	10.77	0.05
21.20	10.68	10.44	0.06	23.80	11.01	10.77	0.05
21.25	10.69	10.45	0.06	23.85	11.02	10.78	0.05
21.30	10.69	10.45	0.06	23.90	11.03	10.78	0.05
21.35	10.70	10.46	0.06	23.95	11.03	10.79	0.05
21.40	10.71	10.47	0.06	24.00	11.04	10.80	0.05
21.45	10.71	10.47	0.06	24.05	11.04	10.80	0.05
21.50	10.72	10.48	0.06	24.10	11.04	10.80	0.04
21.55	10.73	10.49	0.06	24.15	11.04	10.80	0.03
21.60	10.74	10.49	0.06	24.20	11.04	10.80	0.01
21.65	10.74	10.50	0.06	24.25	11.04	10.80	0.01
21.70	10.75	10.51	0.06	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.06	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.06	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.06	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.06	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.06	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.06	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.06	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.06	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.06	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.06	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.06	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.06	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.05	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.05	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.05	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.05	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.05	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.05	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.05	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.05	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.05	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.05	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.05	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.05	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.05	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.05	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.05	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.05	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.05	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.05	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.05	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.05	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.05	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 44I: PDA-44 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 44P: PDA-44 (pervious)

Runoff = 6.45 cfs @ 12.17 hrs, Volume= 0.497 af, Depth= 7.72"
 Routed to Pond B-44 : Basin #44

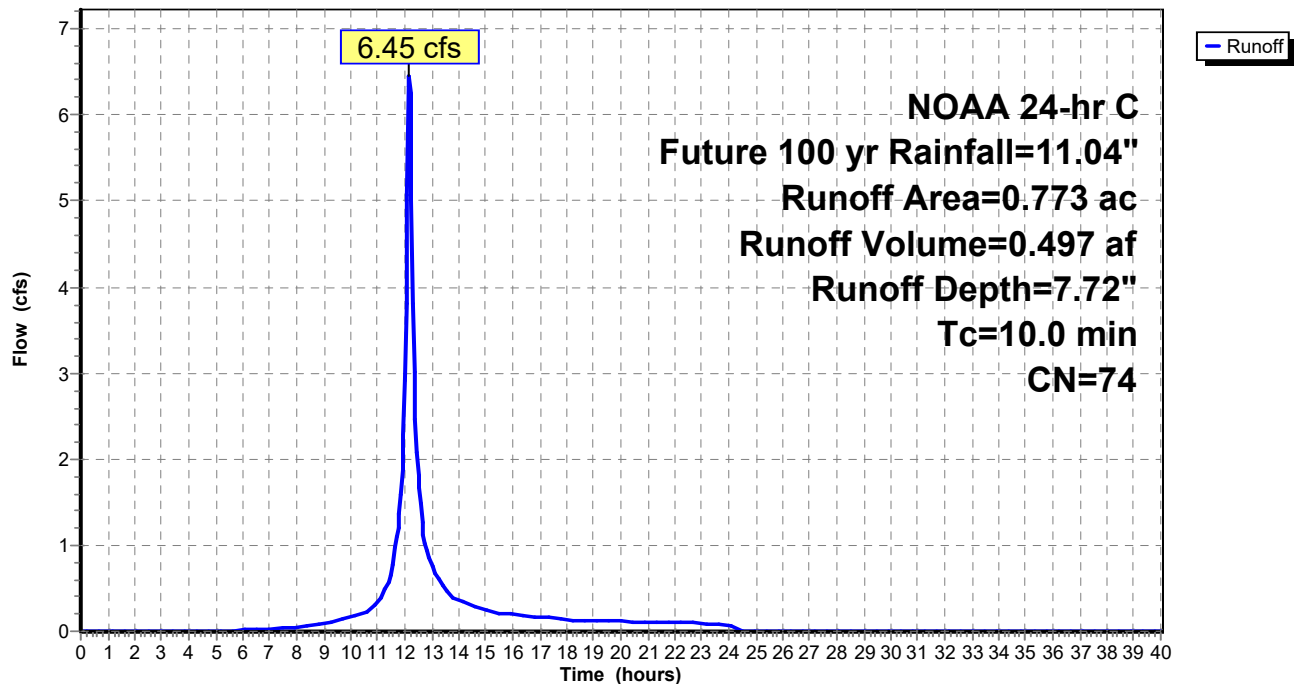
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.773	74	>75% Grass cover, Good, HSG C
0.773		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					Direct Entry,

Subcatchment 44P: PDA-44 (pervious)

Hydrograph



Hydrograph for Subcatchment 44P: PDA-44 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.05
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.05
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.05
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.05
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.05
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.05
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.06
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.06
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.06
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.06
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.06
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.06
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.07
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.07
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.07
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.07
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.07
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.07
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.07
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.08
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.08
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.08
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.08
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.08
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.08
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.09
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.09
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.09
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.09
6.65	1.00	0.02	0.02	9.25	1.70	0.22	0.10
6.70	1.01	0.02	0.02	9.30	1.72	0.23	0.10
6.75	1.02	0.03	0.02	9.35	1.73	0.23	0.11
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.11
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.11
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.12
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.12
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.13
7.05	1.09	0.04	0.03	9.65	1.85	0.28	0.13
7.10	1.10	0.04	0.03	9.70	1.88	0.29	0.13
7.15	1.11	0.04	0.03	9.75	1.90	0.30	0.14
7.20	1.12	0.04	0.03	9.80	1.92	0.31	0.14
7.25	1.13	0.05	0.03	9.85	1.94	0.32	0.15
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.15
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.16
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.16
7.45	1.18	0.06	0.04	10.05	2.04	0.37	0.17
7.50	1.19	0.06	0.04	10.10	2.06	0.38	0.17
7.55	1.21	0.06	0.04	10.15	2.09	0.39	0.18
7.60	1.22	0.07	0.04	10.20	2.11	0.40	0.18
7.65	1.23	0.07	0.04	10.25	2.14	0.42	0.19
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.19
7.75	1.26	0.08	0.05	10.35	2.19	0.44	0.20

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.20	13.00	8.39	5.28	0.78
10.45	2.25	0.47	0.21	13.05	8.43	5.32	0.74
10.50	2.28	0.49	0.21	13.10	8.48	5.36	0.70
10.55	2.31	0.50	0.22	13.15	8.52	5.39	0.66
10.60	2.34	0.52	0.23	13.20	8.56	5.43	0.63
10.65	2.37	0.54	0.24	13.25	8.60	5.46	0.60
10.70	2.41	0.56	0.26	13.30	8.63	5.50	0.58
10.75	2.44	0.58	0.27	13.35	8.67	5.53	0.55
10.80	2.48	0.60	0.29	13.40	8.70	5.56	0.53
10.85	2.52	0.62	0.30	13.45	8.73	5.59	0.51
10.90	2.56	0.64	0.32	13.50	8.76	5.61	0.49
10.95	2.61	0.67	0.34	13.55	8.79	5.64	0.46
11.00	2.65	0.69	0.36	13.60	8.82	5.67	0.44
11.05	2.70	0.72	0.38	13.65	8.85	5.69	0.42
11.10	2.75	0.75	0.40	13.70	8.87	5.71	0.41
11.15	2.80	0.79	0.43	13.75	8.90	5.74	0.39
11.20	2.86	0.82	0.46	13.80	8.93	5.76	0.39
11.25	2.92	0.86	0.49	13.85	8.95	5.79	0.38
11.30	2.98	0.90	0.53	13.90	8.98	5.81	0.37
11.35	3.05	0.94	0.56	13.95	9.00	5.83	0.37
11.40	3.12	0.98	0.60	14.00	9.03	5.85	0.36
11.45	3.19	1.03	0.63	14.05	9.05	5.88	0.36
11.50	3.26	1.08	0.67	14.10	9.07	5.90	0.35
11.55	3.37	1.15	0.72	14.15	9.10	5.92	0.34
11.60	3.49	1.23	0.82	14.20	9.12	5.94	0.34
11.65	3.60	1.31	0.97	14.25	9.14	5.96	0.33
11.70	3.72	1.39	1.10	14.30	9.16	5.98	0.33
11.75	3.88	1.51	1.21	14.35	9.19	6.00	0.32
11.80	4.04	1.63	1.36	14.40	9.21	6.02	0.32
11.85	4.27	1.79	1.58	14.45	9.23	6.04	0.31
11.90	4.49	1.96	1.88	14.50	9.25	6.06	0.30
11.95	4.88	2.27	2.28	14.55	9.27	6.07	0.30
12.00	5.26	2.57	2.92	14.60	9.29	6.09	0.29
12.05	5.91	3.11	3.80	14.65	9.31	6.11	0.29
12.10	6.55	3.65	5.07	14.70	9.32	6.13	0.28
12.15	6.77	3.85	6.32	14.75	9.34	6.14	0.27
12.20	7.00	4.04	6.25	14.80	9.36	6.16	0.27
12.25	7.16	4.18	5.01	14.85	9.38	6.17	0.26
12.30	7.32	4.32	3.81	14.90	9.40	6.19	0.26
12.35	7.44	4.43	3.02	14.95	9.41	6.21	0.25
12.40	7.55	4.53	2.47	15.00	9.43	6.22	0.25
12.45	7.67	4.63	2.07	15.05	9.44	6.23	0.24
12.50	7.78	4.73	1.82	15.10	9.46	6.25	0.23
12.55	7.85	4.79	1.66	15.15	9.47	6.26	0.23
12.60	7.92	4.86	1.48	15.20	9.49	6.28	0.22
12.65	7.99	4.92	1.27	15.25	9.50	6.29	0.22
12.70	8.06	4.98	1.12	15.30	9.52	6.30	0.22
12.75	8.12	5.03	1.03	15.35	9.53	6.32	0.22
12.80	8.18	5.09	0.96	15.40	9.55	6.33	0.22
12.85	8.24	5.14	0.91	15.45	9.56	6.34	0.21
12.90	8.29	5.19	0.87	15.50	9.58	6.36	0.21
12.95	8.34	5.23	0.83	15.55	9.59	6.37	0.21

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.21	18.20	10.20	6.93	0.13
15.65	9.62	6.40	0.21	18.25	10.21	6.94	0.13
15.70	9.64	6.41	0.21	18.30	10.22	6.95	0.13
15.75	9.65	6.42	0.20	18.35	10.23	6.96	0.13
15.80	9.66	6.44	0.20	18.40	10.24	6.97	0.13
15.85	9.68	6.45	0.20	18.45	10.24	6.97	0.13
15.90	9.69	6.46	0.20	18.50	10.25	6.98	0.13
15.95	9.70	6.47	0.20	18.55	10.26	6.99	0.13
16.00	9.72	6.49	0.20	18.60	10.27	7.00	0.13
16.05	9.73	6.50	0.20	18.65	10.28	7.01	0.12
16.10	9.74	6.51	0.19	18.70	10.29	7.01	0.12
16.15	9.76	6.52	0.19	18.75	10.30	7.02	0.12
16.20	9.77	6.54	0.19	18.80	10.30	7.03	0.12
16.25	9.78	6.55	0.19	18.85	10.31	7.04	0.12
16.30	9.80	6.56	0.19	18.90	10.32	7.04	0.12
16.35	9.81	6.57	0.19	18.95	10.33	7.05	0.12
16.40	9.82	6.58	0.18	19.00	10.34	7.06	0.12
16.45	9.83	6.59	0.18	19.05	10.35	7.07	0.12
16.50	9.85	6.60	0.18	19.10	10.35	7.08	0.12
16.55	9.86	6.62	0.18	19.15	10.36	7.08	0.12
16.60	9.87	6.63	0.18	19.20	10.37	7.09	0.12
16.65	9.88	6.64	0.18	19.25	10.38	7.10	0.12
16.70	9.89	6.65	0.18	19.30	10.39	7.11	0.12
16.75	9.91	6.66	0.17	19.35	10.40	7.11	0.12
16.80	9.92	6.67	0.17	19.40	10.40	7.12	0.12
16.85	9.93	6.68	0.17	19.45	10.41	7.13	0.12
16.90	9.94	6.69	0.17	19.50	10.42	7.14	0.12
16.95	9.95	6.70	0.17	19.55	10.43	7.14	0.12
17.00	9.96	6.71	0.17	19.60	10.44	7.15	0.12
17.05	9.97	6.72	0.16	19.65	10.44	7.16	0.12
17.10	9.99	6.73	0.16	19.70	10.45	7.17	0.12
17.15	10.00	6.74	0.16	19.75	10.46	7.17	0.12
17.20	10.01	6.75	0.16	19.80	10.47	7.18	0.12
17.25	10.02	6.76	0.16	19.85	10.48	7.19	0.12
17.30	10.03	6.77	0.16	19.90	10.48	7.20	0.12
17.35	10.04	6.78	0.15	19.95	10.49	7.20	0.12
17.40	10.05	6.79	0.15	20.00	10.50	7.21	0.11
17.45	10.06	6.80	0.15	20.05	10.51	7.22	0.11
17.50	10.07	6.81	0.15	20.10	10.52	7.23	0.11
17.55	10.08	6.82	0.15	20.15	10.52	7.23	0.11
17.60	10.09	6.83	0.15	20.20	10.53	7.24	0.11
17.65	10.10	6.84	0.15	20.25	10.54	7.25	0.11
17.70	10.11	6.85	0.14	20.30	10.55	7.25	0.11
17.75	10.12	6.86	0.14	20.35	10.55	7.26	0.11
17.80	10.13	6.87	0.14	20.40	10.56	7.27	0.11
17.85	10.14	6.87	0.14	20.45	10.57	7.28	0.11
17.90	10.15	6.88	0.14	20.50	10.58	7.28	0.11
17.95	10.16	6.89	0.14	20.55	10.58	7.29	0.11
18.00	10.17	6.90	0.13	20.60	10.59	7.30	0.11
18.05	10.17	6.91	0.13	20.65	10.60	7.30	0.11
18.10	10.18	6.92	0.13	20.70	10.61	7.31	0.11
18.15	10.19	6.92	0.13	20.75	10.61	7.32	0.11

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.11	23.40	10.97	7.65	0.09
20.85	10.63	7.33	0.11	23.45	10.97	7.65	0.09
20.90	10.64	7.34	0.11	23.50	10.98	7.66	0.09
20.95	10.64	7.34	0.11	23.55	10.99	7.66	0.09
21.00	10.65	7.35	0.11	23.60	10.99	7.67	0.09
21.05	10.66	7.36	0.11	23.65	11.00	7.67	0.09
21.10	10.66	7.36	0.11	23.70	11.00	7.68	0.09
21.15	10.67	7.37	0.11	23.75	11.01	7.69	0.09
21.20	10.68	7.38	0.11	23.80	11.01	7.69	0.08
21.25	10.69	7.38	0.10	23.85	11.02	7.70	0.08
21.30	10.69	7.39	0.10	23.90	11.03	7.70	0.08
21.35	10.70	7.40	0.10	23.95	11.03	7.71	0.08
21.40	10.71	7.40	0.10	24.00	11.04	7.72	0.09
21.45	10.71	7.41	0.10	24.05	11.04	7.72	0.09
21.50	10.72	7.42	0.10	24.10	11.04	7.72	0.07
21.55	10.73	7.42	0.10	24.15	11.04	7.72	0.04
21.60	10.74	7.43	0.10	24.20	11.04	7.72	0.02
21.65	10.74	7.44	0.10	24.25	11.04	7.72	0.01
21.70	10.75	7.44	0.10	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.10	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.10	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.10	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.10	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.10	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.10	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.10	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.10	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.10	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.10	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.10	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.10	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.10	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.10	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.10	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.09	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.09	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.09	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.09	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.09	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.09	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.09	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.09	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.09	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.09	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.09	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.09	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.09	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.09	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.09	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.09	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.09	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.09	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 44P: PDA-44 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 45I: PDA-45 (impervious)

Runoff = 16.84 cfs @ 12.11 hrs, Volume= 1.297 af, Depth=10.80"
 Routed to Pond B-45 : Basin #45

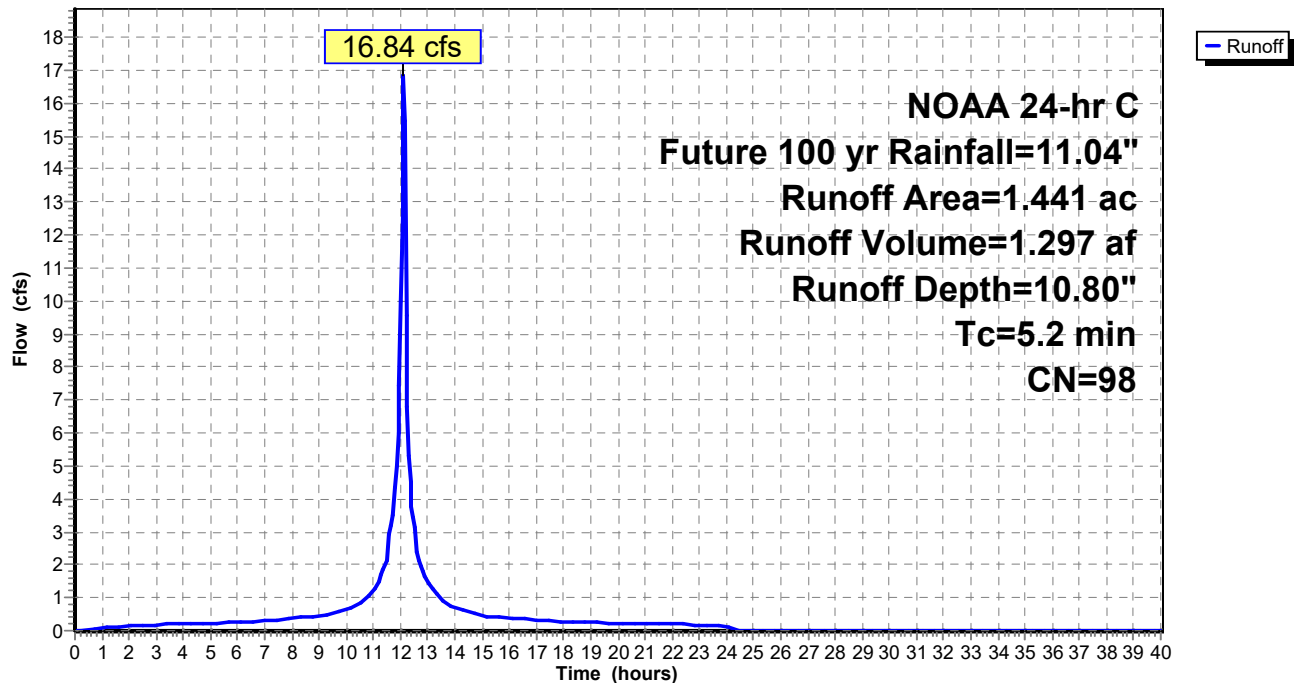
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.394	98	Pavement, HSG C
* 1.045	98	Roof, HSG C
* 0.002	98	Concrete, HSG C
1.441	98	Weighted Average
1.441		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.2					Direct Entry,

Subcatchment 45I: PDA-45 (impervious)

Hydrograph



Hydrograph for Subcatchment 45I: PDA-45 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.17
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.17
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.17
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.17
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.17
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.18
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.18
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.18
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.18
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.18
0.50	0.06	0.00	0.02	3.10	0.40	0.23	0.18
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.18
0.60	0.07	0.00	0.03	3.20	0.42	0.25	0.19
0.65	0.08	0.01	0.04	3.25	0.43	0.25	0.19
0.70	0.08	0.01	0.05	3.30	0.43	0.26	0.19
0.75	0.09	0.01	0.05	3.35	0.44	0.27	0.19
0.80	0.10	0.01	0.06	3.40	0.45	0.27	0.19
0.85	0.10	0.01	0.06	3.45	0.46	0.28	0.19
0.90	0.11	0.02	0.07	3.50	0.46	0.29	0.19
0.95	0.11	0.02	0.07	3.55	0.47	0.29	0.20
1.00	0.12	0.02	0.08	3.60	0.48	0.30	0.20
1.05	0.13	0.03	0.08	3.65	0.49	0.31	0.20
1.10	0.13	0.03	0.09	3.70	0.49	0.31	0.20
1.15	0.14	0.03	0.09	3.75	0.50	0.32	0.20
1.20	0.15	0.04	0.10	3.80	0.51	0.33	0.20
1.25	0.15	0.04	0.10	3.85	0.52	0.33	0.20
1.30	0.16	0.04	0.10	3.90	0.52	0.34	0.20
1.35	0.16	0.05	0.11	3.95	0.53	0.35	0.20
1.40	0.17	0.05	0.11	4.00	0.54	0.35	0.21
1.45	0.18	0.05	0.11	4.05	0.55	0.36	0.21
1.50	0.18	0.06	0.12	4.10	0.56	0.37	0.21
1.55	0.19	0.06	0.12	4.15	0.56	0.38	0.21
1.60	0.20	0.07	0.12	4.20	0.57	0.38	0.21
1.65	0.20	0.07	0.13	4.25	0.58	0.39	0.21
1.70	0.21	0.08	0.13	4.30	0.59	0.40	0.21
1.75	0.22	0.08	0.13	4.35	0.60	0.41	0.22
1.80	0.22	0.09	0.13	4.40	0.60	0.41	0.22
1.85	0.23	0.09	0.14	4.45	0.61	0.42	0.22
1.90	0.24	0.10	0.14	4.50	0.62	0.43	0.22
1.95	0.24	0.10	0.14	4.55	0.63	0.44	0.22
2.00	0.25	0.11	0.14	4.60	0.64	0.44	0.22
2.05	0.26	0.11	0.15	4.65	0.64	0.45	0.22
2.10	0.26	0.12	0.15	4.70	0.65	0.46	0.22
2.15	0.27	0.12	0.15	4.75	0.66	0.47	0.22
2.20	0.28	0.13	0.15	4.80	0.67	0.47	0.22
2.25	0.28	0.13	0.15	4.85	0.68	0.48	0.22
2.30	0.29	0.14	0.16	4.90	0.69	0.49	0.23
2.35	0.30	0.14	0.16	4.95	0.69	0.50	0.23
2.40	0.30	0.15	0.16	5.00	0.70	0.51	0.23
2.45	0.31	0.15	0.16	5.05	0.71	0.51	0.23
2.50	0.32	0.16	0.16	5.10	0.72	0.52	0.23
2.55	0.33	0.17	0.17	5.15	0.73	0.53	0.23

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.23	7.80	1.27	1.05	0.36
5.25	0.74	0.55	0.23	7.85	1.28	1.07	0.37
5.30	0.75	0.55	0.23	7.90	1.30	1.08	0.37
5.35	0.76	0.56	0.23	7.95	1.31	1.09	0.37
5.40	0.77	0.57	0.24	8.00	1.32	1.11	0.38
5.45	0.78	0.58	0.24	8.05	1.34	1.12	0.38
5.50	0.79	0.59	0.24	8.10	1.35	1.13	0.38
5.55	0.80	0.59	0.24	8.15	1.36	1.15	0.39
5.60	0.80	0.60	0.24	8.20	1.38	1.16	0.39
5.65	0.81	0.61	0.24	8.25	1.39	1.17	0.39
5.70	0.82	0.62	0.24	8.30	1.40	1.19	0.40
5.75	0.83	0.63	0.24	8.35	1.42	1.20	0.40
5.80	0.84	0.64	0.24	8.40	1.43	1.21	0.40
5.85	0.85	0.64	0.24	8.45	1.45	1.23	0.41
5.90	0.86	0.65	0.25	8.50	1.46	1.24	0.41
5.95	0.87	0.66	0.25	8.55	1.48	1.26	0.41
6.00	0.87	0.67	0.25	8.60	1.49	1.27	0.42
6.05	0.88	0.68	0.25	8.65	1.51	1.29	0.42
6.10	0.89	0.69	0.25	8.70	1.52	1.30	0.42
6.15	0.90	0.70	0.26	8.75	1.54	1.32	0.43
6.20	0.91	0.71	0.26	8.80	1.55	1.33	0.43
6.25	0.92	0.71	0.26	8.85	1.57	1.35	0.43
6.30	0.93	0.72	0.27	8.90	1.58	1.36	0.43
6.35	0.94	0.73	0.27	8.95	1.60	1.38	0.44
6.40	0.95	0.74	0.27	9.00	1.61	1.39	0.44
6.45	0.96	0.75	0.28	9.05	1.63	1.41	0.45
6.50	0.97	0.76	0.28	9.10	1.64	1.42	0.46
6.55	0.98	0.77	0.28	9.15	1.66	1.44	0.47
6.60	0.99	0.78	0.29	9.20	1.68	1.46	0.48
6.65	1.00	0.79	0.29	9.25	1.70	1.47	0.50
6.70	1.01	0.80	0.29	9.30	1.72	1.49	0.51
6.75	1.02	0.81	0.29	9.35	1.73	1.51	0.52
6.80	1.03	0.82	0.30	9.40	1.75	1.53	0.53
6.85	1.04	0.83	0.30	9.45	1.77	1.55	0.54
6.90	1.05	0.84	0.30	9.50	1.79	1.57	0.56
6.95	1.07	0.85	0.31	9.55	1.81	1.59	0.57
7.00	1.08	0.87	0.31	9.60	1.83	1.61	0.58
7.05	1.09	0.88	0.31	9.65	1.85	1.63	0.59
7.10	1.10	0.89	0.32	9.70	1.88	1.65	0.61
7.15	1.11	0.90	0.32	9.75	1.90	1.67	0.62
7.20	1.12	0.91	0.32	9.80	1.92	1.69	0.63
7.25	1.13	0.92	0.33	9.85	1.94	1.72	0.64
7.30	1.15	0.93	0.33	9.90	1.97	1.74	0.65
7.35	1.16	0.94	0.33	9.95	1.99	1.76	0.66
7.40	1.17	0.96	0.34	10.00	2.01	1.79	0.68
7.45	1.18	0.97	0.34	10.05	2.04	1.81	0.69
7.50	1.19	0.98	0.34	10.10	2.06	1.84	0.70
7.55	1.21	0.99	0.35	10.15	2.09	1.86	0.71
7.60	1.22	1.00	0.35	10.20	2.11	1.89	0.73
7.65	1.23	1.02	0.35	10.25	2.14	1.91	0.74
7.70	1.24	1.03	0.36	10.30	2.17	1.94	0.75
7.75	1.26	1.04	0.36	10.35	2.19	1.97	0.76

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.77	13.00	8.39	8.15	1.49
10.45	2.25	2.02	0.78	13.05	8.43	8.19	1.42
10.50	2.28	2.05	0.80	13.10	8.48	8.24	1.32
10.55	2.31	2.08	0.83	13.15	8.52	8.28	1.26
10.60	2.34	2.11	0.87	13.20	8.56	8.32	1.20
10.65	2.37	2.14	0.91	13.25	8.60	8.36	1.16
10.70	2.41	2.18	0.96	13.30	8.63	8.39	1.11
10.75	2.44	2.21	1.00	13.35	8.67	8.43	1.07
10.80	2.48	2.25	1.06	13.40	8.70	8.46	1.02
10.85	2.52	2.29	1.10	13.45	8.73	8.49	0.98
10.90	2.56	2.33	1.15	13.50	8.76	8.52	0.93
10.95	2.61	2.38	1.19	13.55	8.79	8.55	0.89
11.00	2.65	2.42	1.24	13.60	8.82	8.58	0.84
11.05	2.70	2.47	1.30	13.65	8.85	8.61	0.81
11.10	2.75	2.52	1.39	13.70	8.87	8.63	0.79
11.15	2.80	2.57	1.47	13.75	8.90	8.66	0.78
11.20	2.86	2.63	1.56	13.80	8.93	8.69	0.77
11.25	2.92	2.69	1.64	13.85	8.95	8.71	0.76
11.30	2.98	2.75	1.73	13.90	8.98	8.74	0.75
11.35	3.05	2.82	1.81	13.95	9.00	8.76	0.73
11.40	3.12	2.89	1.91	14.00	9.03	8.79	0.72
11.45	3.19	2.96	1.97	14.05	9.05	8.81	0.71
11.50	3.26	3.03	2.05	14.10	9.07	8.83	0.70
11.55	3.37	3.14	2.34	14.15	9.10	8.86	0.69
11.60	3.49	3.25	2.93	14.20	9.12	8.88	0.67
11.65	3.60	3.37	3.20	14.25	9.14	8.90	0.66
11.70	3.72	3.49	3.35	14.30	9.16	8.92	0.65
11.75	3.88	3.65	3.68	14.35	9.19	8.95	0.64
11.80	4.04	3.81	4.34	14.40	9.21	8.97	0.62
11.85	4.27	4.03	5.00	14.45	9.23	8.99	0.61
11.90	4.49	4.25	6.01	14.50	9.25	9.01	0.60
11.95	4.88	4.64	7.44	14.55	9.27	9.03	0.59
12.00	5.26	5.02	9.97	14.60	9.29	9.05	0.58
12.05	5.91	5.67	12.62	14.65	9.31	9.07	0.57
12.10	6.55	6.31	16.65	14.70	9.32	9.08	0.55
12.15	6.77	6.53	15.44	14.75	9.34	9.10	0.54
12.20	7.00	6.76	9.54	14.80	9.36	9.12	0.53
12.25	7.16	6.92	6.82	14.85	9.38	9.14	0.52
12.30	7.32	7.08	5.32	14.90	9.40	9.15	0.50
12.35	7.44	7.20	4.53	14.95	9.41	9.17	0.49
12.40	7.55	7.31	3.77	15.00	9.43	9.19	0.48
12.45	7.67	7.43	3.46	15.05	9.44	9.20	0.47
12.50	7.78	7.54	3.30	15.10	9.46	9.22	0.46
12.55	7.85	7.61	2.99	15.15	9.47	9.23	0.45
12.60	7.92	7.68	2.39	15.20	9.49	9.25	0.44
12.65	7.99	7.75	2.13	15.25	9.50	9.26	0.44
12.70	8.06	7.82	2.01	15.30	9.52	9.28	0.44
12.75	8.12	7.88	1.93	15.35	9.53	9.29	0.44
12.80	8.18	7.94	1.83	15.40	9.55	9.31	0.43
12.85	8.24	8.00	1.76	15.45	9.56	9.32	0.43
12.90	8.29	8.05	1.66	15.50	9.58	9.34	0.43
12.95	8.34	8.10	1.59	15.55	9.59	9.35	0.42

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.42	18.20	10.20	9.96	0.26
15.65	9.62	9.38	0.42	18.25	10.21	9.97	0.26
15.70	9.64	9.39	0.41	18.30	10.22	9.98	0.26
15.75	9.65	9.41	0.41	18.35	10.23	9.99	0.25
15.80	9.66	9.42	0.41	18.40	10.24	9.99	0.25
15.85	9.68	9.44	0.40	18.45	10.24	10.00	0.25
15.90	9.69	9.45	0.40	18.50	10.25	10.01	0.25
15.95	9.70	9.46	0.40	18.55	10.26	10.02	0.25
16.00	9.72	9.48	0.39	18.60	10.27	10.03	0.25
16.05	9.73	9.49	0.39	18.65	10.28	10.04	0.25
16.10	9.74	9.50	0.39	18.70	10.29	10.05	0.25
16.15	9.76	9.52	0.39	18.75	10.30	10.05	0.25
16.20	9.77	9.53	0.38	18.80	10.30	10.06	0.25
16.25	9.78	9.54	0.38	18.85	10.31	10.07	0.25
16.30	9.80	9.55	0.37	18.90	10.32	10.08	0.25
16.35	9.81	9.57	0.37	18.95	10.33	10.09	0.25
16.40	9.82	9.58	0.37	19.00	10.34	10.10	0.24
16.45	9.83	9.59	0.37	19.05	10.35	10.11	0.24
16.50	9.85	9.60	0.36	19.10	10.35	10.11	0.24
16.55	9.86	9.62	0.36	19.15	10.36	10.12	0.24
16.60	9.87	9.63	0.36	19.20	10.37	10.13	0.24
16.65	9.88	9.64	0.35	19.25	10.38	10.14	0.24
16.70	9.89	9.65	0.35	19.30	10.39	10.15	0.24
16.75	9.91	9.66	0.35	19.35	10.40	10.15	0.24
16.80	9.92	9.68	0.34	19.40	10.40	10.16	0.24
16.85	9.93	9.69	0.34	19.45	10.41	10.17	0.24
16.90	9.94	9.70	0.34	19.50	10.42	10.18	0.24
16.95	9.95	9.71	0.33	19.55	10.43	10.19	0.24
17.00	9.96	9.72	0.33	19.60	10.44	10.20	0.23
17.05	9.97	9.73	0.33	19.65	10.44	10.20	0.23
17.10	9.99	9.74	0.32	19.70	10.45	10.21	0.23
17.15	10.00	9.76	0.32	19.75	10.46	10.22	0.23
17.20	10.01	9.77	0.32	19.80	10.47	10.23	0.23
17.25	10.02	9.78	0.31	19.85	10.48	10.24	0.23
17.30	10.03	9.79	0.31	19.90	10.48	10.24	0.23
17.35	10.04	9.80	0.31	19.95	10.49	10.25	0.23
17.40	10.05	9.81	0.30	20.00	10.50	10.26	0.23
17.45	10.06	9.82	0.30	20.05	10.51	10.27	0.23
17.50	10.07	9.83	0.30	20.10	10.52	10.27	0.23
17.55	10.08	9.84	0.30	20.15	10.52	10.28	0.23
17.60	10.09	9.85	0.29	20.20	10.53	10.29	0.22
17.65	10.10	9.86	0.29	20.25	10.54	10.30	0.22
17.70	10.11	9.87	0.29	20.30	10.55	10.31	0.22
17.75	10.12	9.88	0.28	20.35	10.55	10.31	0.22
17.80	10.13	9.89	0.28	20.40	10.56	10.32	0.22
17.85	10.14	9.90	0.28	20.45	10.57	10.33	0.22
17.90	10.15	9.91	0.27	20.50	10.58	10.34	0.22
17.95	10.16	9.92	0.27	20.55	10.58	10.34	0.22
18.00	10.17	9.92	0.27	20.60	10.59	10.35	0.22
18.05	10.17	9.93	0.26	20.65	10.60	10.36	0.22
18.10	10.18	9.94	0.26	20.70	10.61	10.37	0.22
18.15	10.19	9.95	0.26	20.75	10.61	10.37	0.22

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.22	23.40	10.97	10.73	0.17
20.85	10.63	10.39	0.21	23.45	10.97	10.73	0.17
20.90	10.64	10.39	0.21	23.50	10.98	10.74	0.17
20.95	10.64	10.40	0.21	23.55	10.99	10.74	0.17
21.00	10.65	10.41	0.21	23.60	10.99	10.75	0.17
21.05	10.66	10.42	0.21	23.65	11.00	10.76	0.17
21.10	10.66	10.42	0.21	23.70	11.00	10.76	0.17
21.15	10.67	10.43	0.21	23.75	11.01	10.77	0.17
21.20	10.68	10.44	0.21	23.80	11.01	10.77	0.17
21.25	10.69	10.45	0.21	23.85	11.02	10.78	0.17
21.30	10.69	10.45	0.21	23.90	11.03	10.78	0.17
21.35	10.70	10.46	0.21	23.95	11.03	10.79	0.17
21.40	10.71	10.47	0.21	24.00	11.04	10.80	0.19
21.45	10.71	10.47	0.21	24.05	11.04	10.80	0.16
21.50	10.72	10.48	0.20	24.10	11.04	10.80	0.05
21.55	10.73	10.49	0.20	24.15	11.04	10.80	0.01
21.60	10.74	10.49	0.20	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.20	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.20	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.20	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.20	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.20	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.20	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.20	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.20	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.20	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.19	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.19	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.19	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.19	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.19	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.19	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.19	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.19	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.19	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.19	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.19	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.19	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.19	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.18	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.18	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.18	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.18	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.18	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.18	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.18	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.18	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.18	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.18	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.18	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.18	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.17	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 45I: PDA-45 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 45P: PDA-45 (pervious)

Runoff = 9.04 cfs @ 12.09 hrs, Volume= 0.548 af, Depth= 7.72"
 Routed to Pond B-45 : Basin #45

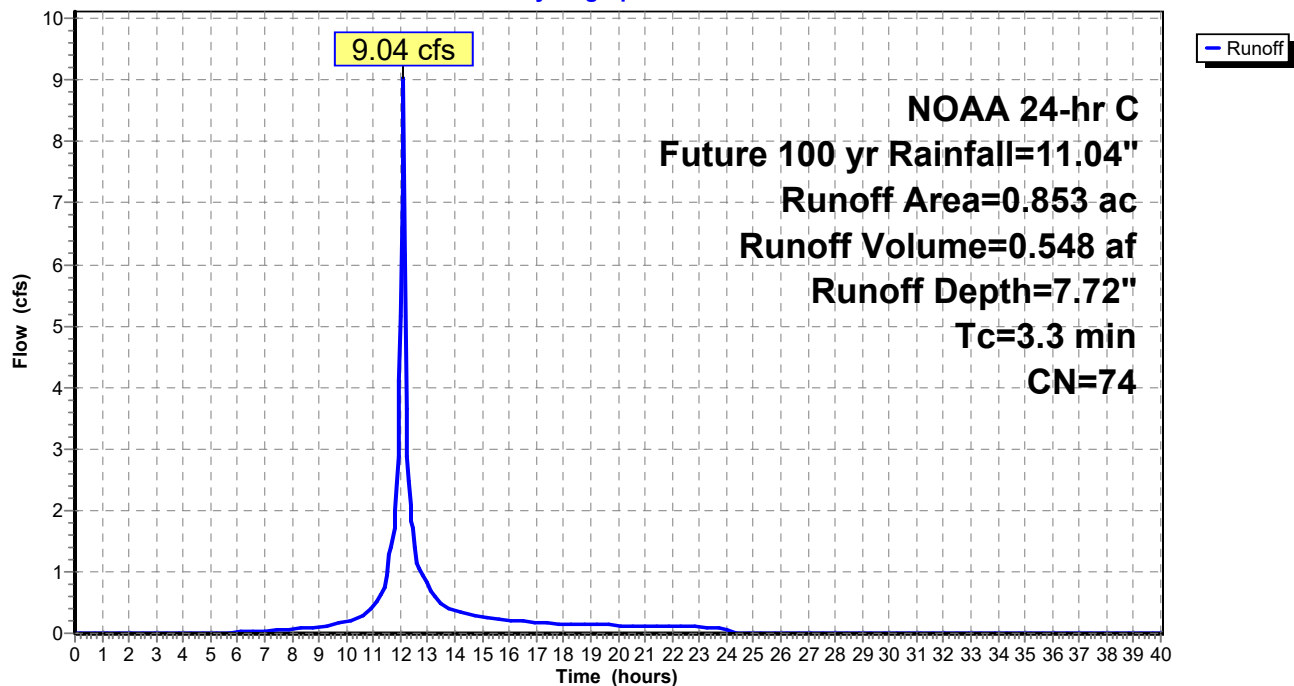
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.853	74	>75% Grass cover, Good, HSG C
0.853		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.3					Direct Entry,

Subcatchment 45P: PDA-45 (pervious)

Hydrograph



Hydrograph for Subcatchment 45P: PDA-45 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.06
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.06
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.06
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.06
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.06
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.06
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.07
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.07
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.07
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.07
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.07
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.07
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.08
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.08
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.08
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.08
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.08
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.08
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.09
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.09
6.20	0.91	0.01	0.02	8.80	1.55	0.16	0.09
6.25	0.92	0.01	0.02	8.85	1.57	0.17	0.09
6.30	0.93	0.01	0.02	8.90	1.58	0.18	0.09
6.35	0.94	0.02	0.02	8.95	1.60	0.18	0.10
6.40	0.95	0.02	0.02	9.00	1.61	0.19	0.10
6.45	0.96	0.02	0.02	9.05	1.63	0.19	0.10
6.50	0.97	0.02	0.02	9.10	1.64	0.20	0.10
6.55	0.98	0.02	0.02	9.15	1.66	0.21	0.11
6.60	0.99	0.02	0.02	9.20	1.68	0.21	0.11
6.65	1.00	0.02	0.03	9.25	1.70	0.22	0.12
6.70	1.01	0.02	0.03	9.30	1.72	0.23	0.12
6.75	1.02	0.03	0.03	9.35	1.73	0.23	0.13
6.80	1.03	0.03	0.03	9.40	1.75	0.24	0.13
6.85	1.04	0.03	0.03	9.45	1.77	0.25	0.13
6.90	1.05	0.03	0.03	9.50	1.79	0.26	0.14
6.95	1.07	0.03	0.03	9.55	1.81	0.27	0.14
7.00	1.08	0.04	0.03	9.60	1.83	0.28	0.15
7.05	1.09	0.04	0.04	9.65	1.85	0.28	0.15
7.10	1.10	0.04	0.04	9.70	1.88	0.29	0.16
7.15	1.11	0.04	0.04	9.75	1.90	0.30	0.16
7.20	1.12	0.04	0.04	9.80	1.92	0.31	0.17
7.25	1.13	0.05	0.04	9.85	1.94	0.32	0.17
7.30	1.15	0.05	0.04	9.90	1.97	0.33	0.18
7.35	1.16	0.05	0.04	9.95	1.99	0.34	0.18
7.40	1.17	0.05	0.04	10.00	2.01	0.36	0.19
7.45	1.18	0.06	0.05	10.05	2.04	0.37	0.20
7.50	1.19	0.06	0.05	10.10	2.06	0.38	0.20
7.55	1.21	0.06	0.05	10.15	2.09	0.39	0.21
7.60	1.22	0.07	0.05	10.20	2.11	0.40	0.21
7.65	1.23	0.07	0.05	10.25	2.14	0.42	0.22
7.70	1.24	0.07	0.05	10.30	2.17	0.43	0.22
7.75	1.26	0.08	0.05	10.35	2.19	0.44	0.23

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.24	13.00	8.39	5.28	0.77
10.45	2.25	0.47	0.24	13.05	8.43	5.32	0.72
10.50	2.28	0.49	0.25	13.10	8.48	5.36	0.68
10.55	2.31	0.50	0.27	13.15	8.52	5.39	0.65
10.60	2.34	0.52	0.28	13.20	8.56	5.43	0.63
10.65	2.37	0.54	0.30	13.25	8.60	5.46	0.61
10.70	2.41	0.56	0.32	13.30	8.63	5.50	0.58
10.75	2.44	0.58	0.34	13.35	8.67	5.53	0.56
10.80	2.48	0.60	0.35	13.40	8.70	5.56	0.54
10.85	2.52	0.62	0.38	13.45	8.73	5.59	0.51
10.90	2.56	0.64	0.39	13.50	8.76	5.61	0.49
10.95	2.61	0.67	0.42	13.55	8.79	5.64	0.46
11.00	2.65	0.69	0.43	13.60	8.82	5.67	0.44
11.05	2.70	0.72	0.47	13.65	8.85	5.69	0.43
11.10	2.75	0.75	0.50	13.70	8.87	5.71	0.42
11.15	2.80	0.79	0.55	13.75	8.90	5.74	0.42
11.20	2.86	0.82	0.58	13.80	8.93	5.76	0.41
11.25	2.92	0.86	0.62	13.85	8.95	5.79	0.40
11.30	2.98	0.90	0.66	13.90	8.98	5.81	0.40
11.35	3.05	0.94	0.70	13.95	9.00	5.83	0.39
11.40	3.12	0.98	0.74	14.00	9.03	5.85	0.39
11.45	3.19	1.03	0.78	14.05	9.05	5.88	0.38
11.50	3.26	1.08	0.82	14.10	9.07	5.90	0.37
11.55	3.37	1.15	1.07	14.15	9.10	5.92	0.37
11.60	3.49	1.23	1.28	14.20	9.12	5.94	0.36
11.65	3.60	1.31	1.36	14.25	9.14	5.96	0.35
11.70	3.72	1.39	1.42	14.30	9.16	5.98	0.35
11.75	3.88	1.51	1.72	14.35	9.19	6.00	0.34
11.80	4.04	1.63	1.99	14.40	9.21	6.02	0.33
11.85	4.27	1.79	2.47	14.45	9.23	6.04	0.33
11.90	4.49	1.96	2.88	14.50	9.25	6.06	0.32
11.95	4.88	2.27	4.11	14.55	9.27	6.07	0.32
12.00	5.26	2.57	5.17	14.60	9.29	6.09	0.31
12.05	5.91	3.11	7.31	14.65	9.31	6.11	0.30
12.10	6.55	3.65	9.00	14.70	9.32	6.13	0.30
12.15	6.77	3.85	6.16	14.75	9.34	6.14	0.29
12.20	7.00	4.04	3.66	14.80	9.36	6.16	0.28
12.25	7.16	4.18	2.88	14.85	9.38	6.17	0.28
12.30	7.32	4.32	2.47	14.90	9.40	6.19	0.27
12.35	7.44	4.43	2.09	14.95	9.41	6.21	0.26
12.40	7.55	4.53	1.82	15.00	9.43	6.22	0.26
12.45	7.67	4.63	1.74	15.05	9.44	6.23	0.25
12.50	7.78	4.73	1.70	15.10	9.46	6.25	0.25
12.55	7.85	4.79	1.39	15.15	9.47	6.26	0.24
12.60	7.92	4.86	1.14	15.20	9.49	6.28	0.24
12.65	7.99	4.92	1.07	15.25	9.50	6.29	0.24
12.70	8.06	4.98	1.04	15.30	9.52	6.30	0.24
12.75	8.12	5.03	0.99	15.35	9.53	6.32	0.24
12.80	8.18	5.09	0.95	15.40	9.55	6.33	0.23
12.85	8.24	5.14	0.90	15.45	9.56	6.34	0.23
12.90	8.29	5.19	0.86	15.50	9.58	6.36	0.23
12.95	8.34	5.23	0.81	15.55	9.59	6.37	0.23

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.23	18.20	10.20	6.93	0.14
15.65	9.62	6.40	0.23	18.25	10.21	6.94	0.14
15.70	9.64	6.41	0.22	18.30	10.22	6.95	0.14
15.75	9.65	6.42	0.22	18.35	10.23	6.96	0.14
15.80	9.66	6.44	0.22	18.40	10.24	6.97	0.14
15.85	9.68	6.45	0.22	18.45	10.24	6.97	0.14
15.90	9.69	6.46	0.22	18.50	10.25	6.98	0.14
15.95	9.70	6.47	0.22	18.55	10.26	6.99	0.14
16.00	9.72	6.49	0.21	18.60	10.27	7.00	0.14
16.05	9.73	6.50	0.21	18.65	10.28	7.01	0.14
16.10	9.74	6.51	0.21	18.70	10.29	7.01	0.14
16.15	9.76	6.52	0.21	18.75	10.30	7.02	0.14
16.20	9.77	6.54	0.21	18.80	10.30	7.03	0.14
16.25	9.78	6.55	0.21	18.85	10.31	7.04	0.14
16.30	9.80	6.56	0.20	18.90	10.32	7.04	0.13
16.35	9.81	6.57	0.20	18.95	10.33	7.05	0.13
16.40	9.82	6.58	0.20	19.00	10.34	7.06	0.13
16.45	9.83	6.59	0.20	19.05	10.35	7.07	0.13
16.50	9.85	6.60	0.20	19.10	10.35	7.08	0.13
16.55	9.86	6.62	0.19	19.15	10.36	7.08	0.13
16.60	9.87	6.63	0.19	19.20	10.37	7.09	0.13
16.65	9.88	6.64	0.19	19.25	10.38	7.10	0.13
16.70	9.89	6.65	0.19	19.30	10.39	7.11	0.13
16.75	9.91	6.66	0.19	19.35	10.40	7.11	0.13
16.80	9.92	6.67	0.19	19.40	10.40	7.12	0.13
16.85	9.93	6.68	0.18	19.45	10.41	7.13	0.13
16.90	9.94	6.69	0.18	19.50	10.42	7.14	0.13
16.95	9.95	6.70	0.18	19.55	10.43	7.14	0.13
17.00	9.96	6.71	0.18	19.60	10.44	7.15	0.13
17.05	9.97	6.72	0.18	19.65	10.44	7.16	0.13
17.10	9.99	6.73	0.18	19.70	10.45	7.17	0.13
17.15	10.00	6.74	0.17	19.75	10.46	7.17	0.13
17.20	10.01	6.75	0.17	19.80	10.47	7.18	0.13
17.25	10.02	6.76	0.17	19.85	10.48	7.19	0.13
17.30	10.03	6.77	0.17	19.90	10.48	7.20	0.13
17.35	10.04	6.78	0.17	19.95	10.49	7.20	0.13
17.40	10.05	6.79	0.17	20.00	10.50	7.21	0.13
17.45	10.06	6.80	0.16	20.05	10.51	7.22	0.12
17.50	10.07	6.81	0.16	20.10	10.52	7.23	0.12
17.55	10.08	6.82	0.16	20.15	10.52	7.23	0.12
17.60	10.09	6.83	0.16	20.20	10.53	7.24	0.12
17.65	10.10	6.84	0.16	20.25	10.54	7.25	0.12
17.70	10.11	6.85	0.16	20.30	10.55	7.25	0.12
17.75	10.12	6.86	0.15	20.35	10.55	7.26	0.12
17.80	10.13	6.87	0.15	20.40	10.56	7.27	0.12
17.85	10.14	6.87	0.15	20.45	10.57	7.28	0.12
17.90	10.15	6.88	0.15	20.50	10.58	7.28	0.12
17.95	10.16	6.89	0.15	20.55	10.58	7.29	0.12
18.00	10.17	6.90	0.15	20.60	10.59	7.30	0.12
18.05	10.17	6.91	0.14	20.65	10.60	7.30	0.12
18.10	10.18	6.92	0.14	20.70	10.61	7.31	0.12
18.15	10.19	6.92	0.14	20.75	10.61	7.32	0.12

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.12	23.40	10.97	7.65	0.10
20.85	10.63	7.33	0.12	23.45	10.97	7.65	0.10
20.90	10.64	7.34	0.12	23.50	10.98	7.66	0.10
20.95	10.64	7.34	0.12	23.55	10.99	7.66	0.09
21.00	10.65	7.35	0.12	23.60	10.99	7.67	0.09
21.05	10.66	7.36	0.12	23.65	11.00	7.67	0.09
21.10	10.66	7.36	0.12	23.70	11.00	7.68	0.09
21.15	10.67	7.37	0.12	23.75	11.01	7.69	0.09
21.20	10.68	7.38	0.12	23.80	11.01	7.69	0.09
21.25	10.69	7.38	0.12	23.85	11.02	7.70	0.09
21.30	10.69	7.39	0.12	23.90	11.03	7.70	0.09
21.35	10.70	7.40	0.11	23.95	11.03	7.71	0.10
21.40	10.71	7.40	0.11	24.00	11.04	7.72	0.11
21.45	10.71	7.41	0.11	24.05	11.04	7.72	0.05
21.50	10.72	7.42	0.11	24.10	11.04	7.72	0.01
21.55	10.73	7.42	0.11	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.11	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.11	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.11	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.11	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.11	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.11	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.11	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.11	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.11	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.11	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.11	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.11	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.11	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.11	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.11	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.11	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.10	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.10	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.10	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.10	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.10	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.10	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.10	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.10	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.10	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.10	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.10	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.10	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.10	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.10	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.10	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.10	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.10	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.10	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.10	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.10	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 45P: PDA-45 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 46BP: PDA-46B (pervious)

Runoff = 4.36 cfs @ 12.12 hrs, Volume= 0.290 af, Depth= 7.72"
 Routed to Pond B-46B : Basin #46B

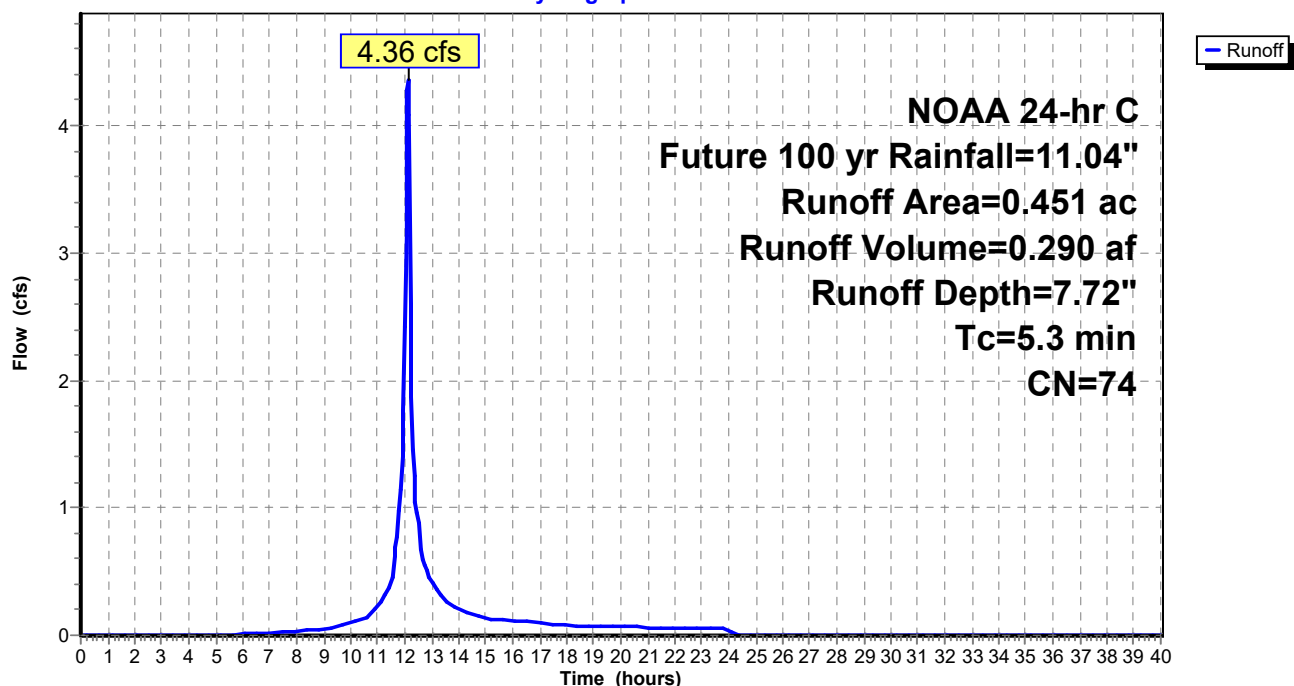
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
0.451	74	>75% Grass cover, Good, HSG C
0.451		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.3					Direct Entry,

Subcatchment 46BP: PDA-46B (pervious)

Hydrograph



Hydrograph for Subcatchment 46BP: PDA-46B (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.03
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.03
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.03
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.03
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.03
5.45	0.78	0.00	0.00	8.05	1.34	0.10	0.03
5.50	0.79	0.00	0.00	8.10	1.35	0.10	0.03
5.55	0.80	0.00	0.00	8.15	1.36	0.10	0.03
5.60	0.80	0.00	0.00	8.20	1.38	0.11	0.04
5.65	0.81	0.00	0.00	8.25	1.39	0.11	0.04
5.70	0.82	0.00	0.00	8.30	1.40	0.12	0.04
5.75	0.83	0.00	0.00	8.35	1.42	0.12	0.04
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.04
5.85	0.85	0.01	0.01	8.45	1.45	0.13	0.04
5.90	0.86	0.01	0.01	8.50	1.46	0.13	0.04
5.95	0.87	0.01	0.01	8.55	1.48	0.14	0.04
6.00	0.87	0.01	0.01	8.60	1.49	0.14	0.04
6.05	0.88	0.01	0.01	8.65	1.51	0.15	0.04
6.10	0.89	0.01	0.01	8.70	1.52	0.15	0.04
6.15	0.90	0.01	0.01	8.75	1.54	0.16	0.05
6.20	0.91	0.01	0.01	8.80	1.55	0.16	0.05
6.25	0.92	0.01	0.01	8.85	1.57	0.17	0.05
6.30	0.93	0.01	0.01	8.90	1.58	0.18	0.05
6.35	0.94	0.02	0.01	8.95	1.60	0.18	0.05
6.40	0.95	0.02	0.01	9.00	1.61	0.19	0.05
6.45	0.96	0.02	0.01	9.05	1.63	0.19	0.05
6.50	0.97	0.02	0.01	9.10	1.64	0.20	0.05
6.55	0.98	0.02	0.01	9.15	1.66	0.21	0.06
6.60	0.99	0.02	0.01	9.20	1.68	0.21	0.06
6.65	1.00	0.02	0.01	9.25	1.70	0.22	0.06
6.70	1.01	0.02	0.01	9.30	1.72	0.23	0.06
6.75	1.02	0.03	0.01	9.35	1.73	0.23	0.06
6.80	1.03	0.03	0.02	9.40	1.75	0.24	0.07
6.85	1.04	0.03	0.02	9.45	1.77	0.25	0.07
6.90	1.05	0.03	0.02	9.50	1.79	0.26	0.07
6.95	1.07	0.03	0.02	9.55	1.81	0.27	0.07
7.00	1.08	0.04	0.02	9.60	1.83	0.28	0.08
7.05	1.09	0.04	0.02	9.65	1.85	0.28	0.08
7.10	1.10	0.04	0.02	9.70	1.88	0.29	0.08
7.15	1.11	0.04	0.02	9.75	1.90	0.30	0.08
7.20	1.12	0.04	0.02	9.80	1.92	0.31	0.09
7.25	1.13	0.05	0.02	9.85	1.94	0.32	0.09
7.30	1.15	0.05	0.02	9.90	1.97	0.33	0.09
7.35	1.16	0.05	0.02	9.95	1.99	0.34	0.10
7.40	1.17	0.05	0.02	10.00	2.01	0.36	0.10
7.45	1.18	0.06	0.02	10.05	2.04	0.37	0.10
7.50	1.19	0.06	0.02	10.10	2.06	0.38	0.10
7.55	1.21	0.06	0.03	10.15	2.09	0.39	0.11
7.60	1.22	0.07	0.03	10.20	2.11	0.40	0.11
7.65	1.23	0.07	0.03	10.25	2.14	0.42	0.11
7.70	1.24	0.07	0.03	10.30	2.17	0.43	0.12
7.75	1.26	0.08	0.03	10.35	2.19	0.44	0.12

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.12	13.00	8.39	5.28	0.42
10.45	2.25	0.47	0.13	13.05	8.43	5.32	0.40
10.50	2.28	0.49	0.13	13.10	8.48	5.36	0.37
10.55	2.31	0.50	0.13	13.15	8.52	5.39	0.36
10.60	2.34	0.52	0.14	13.20	8.56	5.43	0.34
10.65	2.37	0.54	0.15	13.25	8.60	5.46	0.33
10.70	2.41	0.56	0.16	13.30	8.63	5.50	0.32
10.75	2.44	0.58	0.17	13.35	8.67	5.53	0.30
10.80	2.48	0.60	0.18	13.40	8.70	5.56	0.29
10.85	2.52	0.62	0.19	13.45	8.73	5.59	0.28
10.90	2.56	0.64	0.20	13.50	8.76	5.61	0.26
10.95	2.61	0.67	0.21	13.55	8.79	5.64	0.25
11.00	2.65	0.69	0.22	13.60	8.82	5.67	0.24
11.05	2.70	0.72	0.24	13.65	8.85	5.69	0.23
11.10	2.75	0.75	0.26	13.70	8.87	5.71	0.23
11.15	2.80	0.79	0.27	13.75	8.90	5.74	0.22
11.20	2.86	0.82	0.30	13.80	8.93	5.76	0.22
11.25	2.92	0.86	0.31	13.85	8.95	5.79	0.22
11.30	2.98	0.90	0.34	13.90	8.98	5.81	0.21
11.35	3.05	0.94	0.36	13.95	9.00	5.83	0.21
11.40	3.12	0.98	0.38	14.00	9.03	5.85	0.21
11.45	3.19	1.03	0.40	14.05	9.05	5.88	0.20
11.50	3.26	1.08	0.42	14.10	9.07	5.90	0.20
11.55	3.37	1.15	0.48	14.15	9.10	5.92	0.20
11.60	3.49	1.23	0.62	14.20	9.12	5.94	0.19
11.65	3.60	1.31	0.68	14.25	9.14	5.96	0.19
11.70	3.72	1.39	0.73	14.30	9.16	5.98	0.19
11.75	3.88	1.51	0.81	14.35	9.19	6.00	0.18
11.80	4.04	1.63	0.97	14.40	9.21	6.02	0.18
11.85	4.27	1.79	1.14	14.45	9.23	6.04	0.18
11.90	4.49	1.96	1.40	14.50	9.25	6.06	0.17
11.95	4.88	2.27	1.77	14.55	9.27	6.07	0.17
12.00	5.26	2.57	2.42	14.60	9.29	6.09	0.17
12.05	5.91	3.11	3.15	14.65	9.31	6.11	0.16
12.10	6.55	3.65	4.28	14.70	9.32	6.13	0.16
12.15	6.77	3.85	4.09	14.75	9.34	6.14	0.16
12.20	7.00	4.04	2.60	14.80	9.36	6.16	0.15
12.25	7.16	4.18	1.87	14.85	9.38	6.17	0.15
12.30	7.32	4.32	1.46	14.90	9.40	6.19	0.14
12.35	7.44	4.43	1.25	14.95	9.41	6.21	0.14
12.40	7.55	4.53	1.04	15.00	9.43	6.22	0.14
12.45	7.67	4.63	0.96	15.05	9.44	6.23	0.13
12.50	7.78	4.73	0.92	15.10	9.46	6.25	0.13
12.55	7.85	4.79	0.84	15.15	9.47	6.26	0.13
12.60	7.92	4.86	0.67	15.20	9.49	6.28	0.13
12.65	7.99	4.92	0.60	15.25	9.50	6.29	0.13
12.70	8.06	4.98	0.56	15.30	9.52	6.30	0.13
12.75	8.12	5.03	0.54	15.35	9.53	6.32	0.13
12.80	8.18	5.09	0.52	15.40	9.55	6.33	0.12
12.85	8.24	5.14	0.49	15.45	9.56	6.34	0.12
12.90	8.29	5.19	0.47	15.50	9.58	6.36	0.12
12.95	8.34	5.23	0.45	15.55	9.59	6.37	0.12

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.12	18.20	10.20	6.93	0.07
15.65	9.62	6.40	0.12	18.25	10.21	6.94	0.07
15.70	9.64	6.41	0.12	18.30	10.22	6.95	0.07
15.75	9.65	6.42	0.12	18.35	10.23	6.96	0.07
15.80	9.66	6.44	0.12	18.40	10.24	6.97	0.07
15.85	9.68	6.45	0.12	18.45	10.24	6.97	0.07
15.90	9.69	6.46	0.12	18.50	10.25	6.98	0.07
15.95	9.70	6.47	0.11	18.55	10.26	6.99	0.07
16.00	9.72	6.49	0.11	18.60	10.27	7.00	0.07
16.05	9.73	6.50	0.11	18.65	10.28	7.01	0.07
16.10	9.74	6.51	0.11	18.70	10.29	7.01	0.07
16.15	9.76	6.52	0.11	18.75	10.30	7.02	0.07
16.20	9.77	6.54	0.11	18.80	10.30	7.03	0.07
16.25	9.78	6.55	0.11	18.85	10.31	7.04	0.07
16.30	9.80	6.56	0.11	18.90	10.32	7.04	0.07
16.35	9.81	6.57	0.11	18.95	10.33	7.05	0.07
16.40	9.82	6.58	0.11	19.00	10.34	7.06	0.07
16.45	9.83	6.59	0.11	19.05	10.35	7.07	0.07
16.50	9.85	6.60	0.10	19.10	10.35	7.08	0.07
16.55	9.86	6.62	0.10	19.15	10.36	7.08	0.07
16.60	9.87	6.63	0.10	19.20	10.37	7.09	0.07
16.65	9.88	6.64	0.10	19.25	10.38	7.10	0.07
16.70	9.89	6.65	0.10	19.30	10.39	7.11	0.07
16.75	9.91	6.66	0.10	19.35	10.40	7.11	0.07
16.80	9.92	6.67	0.10	19.40	10.40	7.12	0.07
16.85	9.93	6.68	0.10	19.45	10.41	7.13	0.07
16.90	9.94	6.69	0.10	19.50	10.42	7.14	0.07
16.95	9.95	6.70	0.10	19.55	10.43	7.14	0.07
17.00	9.96	6.71	0.10	19.60	10.44	7.15	0.07
17.05	9.97	6.72	0.09	19.65	10.44	7.16	0.07
17.10	9.99	6.73	0.09	19.70	10.45	7.17	0.07
17.15	10.00	6.74	0.09	19.75	10.46	7.17	0.07
17.20	10.01	6.75	0.09	19.80	10.47	7.18	0.07
17.25	10.02	6.76	0.09	19.85	10.48	7.19	0.07
17.30	10.03	6.77	0.09	19.90	10.48	7.20	0.07
17.35	10.04	6.78	0.09	19.95	10.49	7.20	0.07
17.40	10.05	6.79	0.09	20.00	10.50	7.21	0.07
17.45	10.06	6.80	0.09	20.05	10.51	7.22	0.07
17.50	10.07	6.81	0.09	20.10	10.52	7.23	0.07
17.55	10.08	6.82	0.09	20.15	10.52	7.23	0.07
17.60	10.09	6.83	0.08	20.20	10.53	7.24	0.07
17.65	10.10	6.84	0.08	20.25	10.54	7.25	0.07
17.70	10.11	6.85	0.08	20.30	10.55	7.25	0.07
17.75	10.12	6.86	0.08	20.35	10.55	7.26	0.06
17.80	10.13	6.87	0.08	20.40	10.56	7.27	0.06
17.85	10.14	6.87	0.08	20.45	10.57	7.28	0.06
17.90	10.15	6.88	0.08	20.50	10.58	7.28	0.06
17.95	10.16	6.89	0.08	20.55	10.58	7.29	0.06
18.00	10.17	6.90	0.08	20.60	10.59	7.30	0.06
18.05	10.17	6.91	0.08	20.65	10.60	7.30	0.06
18.10	10.18	6.92	0.08	20.70	10.61	7.31	0.06
18.15	10.19	6.92	0.07	20.75	10.61	7.32	0.06

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.06	23.40	10.97	7.65	0.05
20.85	10.63	7.33	0.06	23.45	10.97	7.65	0.05
20.90	10.64	7.34	0.06	23.50	10.98	7.66	0.05
20.95	10.64	7.34	0.06	23.55	10.99	7.66	0.05
21.00	10.65	7.35	0.06	23.60	10.99	7.67	0.05
21.05	10.66	7.36	0.06	23.65	11.00	7.67	0.05
21.10	10.66	7.36	0.06	23.70	11.00	7.68	0.05
21.15	10.67	7.37	0.06	23.75	11.01	7.69	0.05
21.20	10.68	7.38	0.06	23.80	11.01	7.69	0.05
21.25	10.69	7.38	0.06	23.85	11.02	7.70	0.05
21.30	10.69	7.39	0.06	23.90	11.03	7.70	0.05
21.35	10.70	7.40	0.06	23.95	11.03	7.71	0.05
21.40	10.71	7.40	0.06	24.00	11.04	7.72	0.06
21.45	10.71	7.41	0.06	24.05	11.04	7.72	0.05
21.50	10.72	7.42	0.06	24.10	11.04	7.72	0.02
21.55	10.73	7.42	0.06	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.06	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.06	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.06	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.06	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.06	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.06	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.06	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.06	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.06	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.06	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.06	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.06	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.06	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.06	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.06	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.06	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.06	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.06	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.05	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.05	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.05	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.05	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.05	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.05	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.05	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.05	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.05	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.05	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.05	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.05	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.05	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.05	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.05	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.05	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.05	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.05	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 46BP: PDA-46B (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 46I: PDA-46 (impervious)

Runoff = 15.10 cfs @ 12.08 hrs, Volume= 1.032 af, Depth=10.80"
 Routed to Pond B-46A : Basin #46A

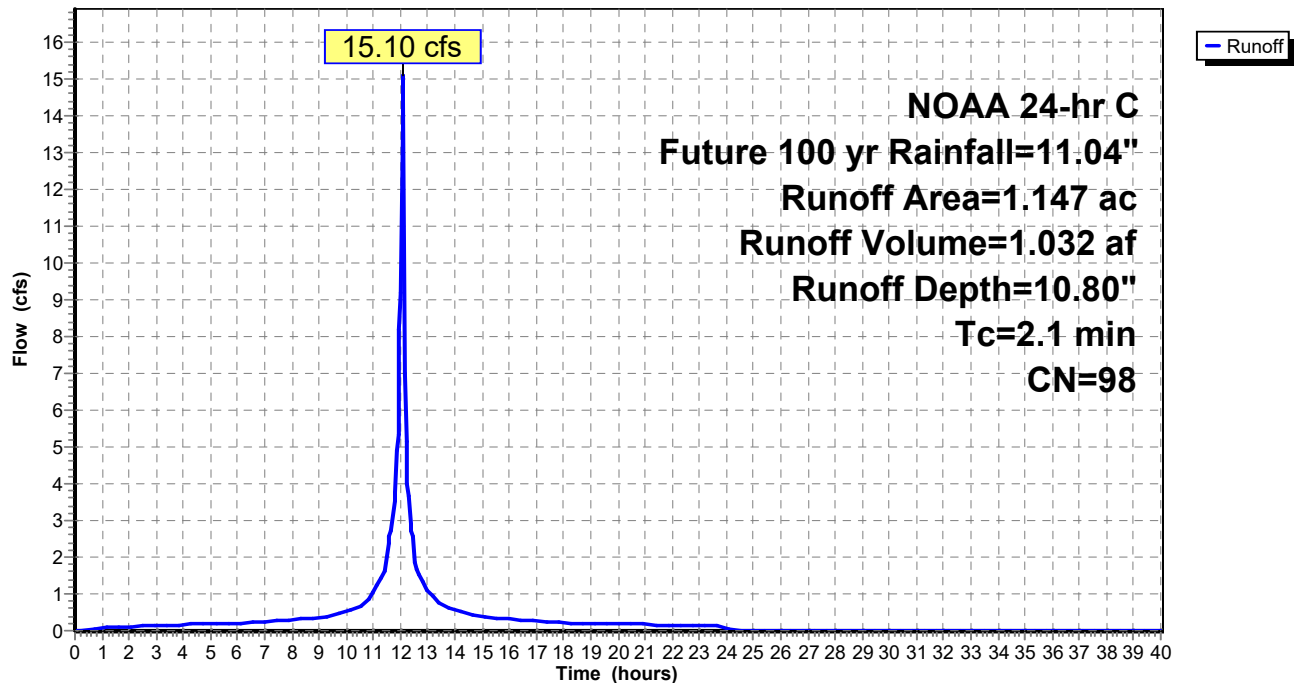
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.430	98	Pavement, HSG C
* 0.653	98	Roof, HSG C
* 0.064	98	Concrete, HSG C
1.147	98	Weighted Average
1.147		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.1					Direct Entry,

Subcatchment 46I: PDA-46 (impervious)

Hydrograph



Hydrograph for Subcatchment 46I: PDA-46 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.13
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.14
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.14
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.14
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.14
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.14
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.14
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.14
0.40	0.05	0.00	0.01	3.00	0.39	0.22	0.14
0.45	0.05	0.00	0.01	3.05	0.40	0.23	0.15
0.50	0.06	0.00	0.02	3.10	0.40	0.23	0.15
0.55	0.07	0.00	0.02	3.15	0.41	0.24	0.15
0.60	0.07	0.00	0.03	3.20	0.42	0.25	0.15
0.65	0.08	0.01	0.04	3.25	0.43	0.25	0.15
0.70	0.08	0.01	0.04	3.30	0.43	0.26	0.15
0.75	0.09	0.01	0.05	3.35	0.44	0.27	0.15
0.80	0.10	0.01	0.05	3.40	0.45	0.27	0.15
0.85	0.10	0.01	0.05	3.45	0.46	0.28	0.16
0.90	0.11	0.02	0.06	3.50	0.46	0.29	0.16
0.95	0.11	0.02	0.06	3.55	0.47	0.29	0.16
1.00	0.12	0.02	0.07	3.60	0.48	0.30	0.16
1.05	0.13	0.03	0.07	3.65	0.49	0.31	0.16
1.10	0.13	0.03	0.07	3.70	0.49	0.31	0.16
1.15	0.14	0.03	0.08	3.75	0.50	0.32	0.16
1.20	0.15	0.04	0.08	3.80	0.51	0.33	0.16
1.25	0.15	0.04	0.08	3.85	0.52	0.33	0.16
1.30	0.16	0.04	0.09	3.90	0.52	0.34	0.16
1.35	0.16	0.05	0.09	3.95	0.53	0.35	0.16
1.40	0.17	0.05	0.09	4.00	0.54	0.35	0.16
1.45	0.18	0.05	0.09	4.05	0.55	0.36	0.17
1.50	0.18	0.06	0.10	4.10	0.56	0.37	0.17
1.55	0.19	0.06	0.10	4.15	0.56	0.38	0.17
1.60	0.20	0.07	0.10	4.20	0.57	0.38	0.17
1.65	0.20	0.07	0.10	4.25	0.58	0.39	0.17
1.70	0.21	0.08	0.10	4.30	0.59	0.40	0.17
1.75	0.22	0.08	0.11	4.35	0.60	0.41	0.17
1.80	0.22	0.09	0.11	4.40	0.60	0.41	0.17
1.85	0.23	0.09	0.11	4.45	0.61	0.42	0.17
1.90	0.24	0.10	0.11	4.50	0.62	0.43	0.17
1.95	0.24	0.10	0.11	4.55	0.63	0.44	0.17
2.00	0.25	0.11	0.12	4.60	0.64	0.44	0.18
2.05	0.26	0.11	0.12	4.65	0.64	0.45	0.18
2.10	0.26	0.12	0.12	4.70	0.65	0.46	0.18
2.15	0.27	0.12	0.12	4.75	0.66	0.47	0.18
2.20	0.28	0.13	0.12	4.80	0.67	0.47	0.18
2.25	0.28	0.13	0.13	4.85	0.68	0.48	0.18
2.30	0.29	0.14	0.13	4.90	0.69	0.49	0.18
2.35	0.30	0.14	0.13	4.95	0.69	0.50	0.18
2.40	0.30	0.15	0.13	5.00	0.70	0.51	0.18
2.45	0.31	0.15	0.13	5.05	0.71	0.51	0.18
2.50	0.32	0.16	0.13	5.10	0.72	0.52	0.18
2.55	0.33	0.17	0.13	5.15	0.73	0.53	0.18

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.19	7.80	1.27	1.05	0.29
5.25	0.74	0.55	0.19	7.85	1.28	1.07	0.30
5.30	0.75	0.55	0.19	7.90	1.30	1.08	0.30
5.35	0.76	0.56	0.19	7.95	1.31	1.09	0.30
5.40	0.77	0.57	0.19	8.00	1.32	1.11	0.30
5.45	0.78	0.58	0.19	8.05	1.34	1.12	0.30
5.50	0.79	0.59	0.19	8.10	1.35	1.13	0.31
5.55	0.80	0.59	0.19	8.15	1.36	1.15	0.31
5.60	0.80	0.60	0.19	8.20	1.38	1.16	0.31
5.65	0.81	0.61	0.19	8.25	1.39	1.17	0.32
5.70	0.82	0.62	0.19	8.30	1.40	1.19	0.32
5.75	0.83	0.63	0.19	8.35	1.42	1.20	0.32
5.80	0.84	0.64	0.19	8.40	1.43	1.21	0.32
5.85	0.85	0.64	0.20	8.45	1.45	1.23	0.33
5.90	0.86	0.65	0.20	8.50	1.46	1.24	0.33
5.95	0.87	0.66	0.20	8.55	1.48	1.26	0.33
6.00	0.87	0.67	0.20	8.60	1.49	1.27	0.33
6.05	0.88	0.68	0.20	8.65	1.51	1.29	0.34
6.10	0.89	0.69	0.20	8.70	1.52	1.30	0.34
6.15	0.90	0.70	0.21	8.75	1.54	1.32	0.34
6.20	0.91	0.71	0.21	8.80	1.55	1.33	0.34
6.25	0.92	0.71	0.21	8.85	1.57	1.35	0.35
6.30	0.93	0.72	0.21	8.90	1.58	1.36	0.35
6.35	0.94	0.73	0.22	8.95	1.60	1.38	0.35
6.40	0.95	0.74	0.22	9.00	1.61	1.39	0.35
6.45	0.96	0.75	0.22	9.05	1.63	1.41	0.37
6.50	0.97	0.76	0.22	9.10	1.64	1.42	0.37
6.55	0.98	0.77	0.23	9.15	1.66	1.44	0.39
6.60	0.99	0.78	0.23	9.20	1.68	1.46	0.39
6.65	1.00	0.79	0.23	9.25	1.70	1.47	0.41
6.70	1.01	0.80	0.23	9.30	1.72	1.49	0.41
6.75	1.02	0.81	0.24	9.35	1.73	1.51	0.43
6.80	1.03	0.82	0.24	9.40	1.75	1.53	0.43
6.85	1.04	0.83	0.24	9.45	1.77	1.55	0.44
6.90	1.05	0.84	0.24	9.50	1.79	1.57	0.45
6.95	1.07	0.85	0.25	9.55	1.81	1.59	0.46
7.00	1.08	0.87	0.25	9.60	1.83	1.61	0.47
7.05	1.09	0.88	0.25	9.65	1.85	1.63	0.48
7.10	1.10	0.89	0.26	9.70	1.88	1.65	0.49
7.15	1.11	0.90	0.26	9.75	1.90	1.67	0.50
7.20	1.12	0.91	0.26	9.80	1.92	1.69	0.51
7.25	1.13	0.92	0.26	9.85	1.94	1.72	0.52
7.30	1.15	0.93	0.26	9.90	1.97	1.74	0.53
7.35	1.16	0.94	0.27	9.95	1.99	1.76	0.54
7.40	1.17	0.96	0.27	10.00	2.01	1.79	0.54
7.45	1.18	0.97	0.27	10.05	2.04	1.81	0.56
7.50	1.19	0.98	0.28	10.10	2.06	1.84	0.56
7.55	1.21	0.99	0.28	10.15	2.09	1.86	0.58
7.60	1.22	1.00	0.28	10.20	2.11	1.89	0.58
7.65	1.23	1.02	0.28	10.25	2.14	1.91	0.60
7.70	1.24	1.03	0.29	10.30	2.17	1.94	0.60
7.75	1.26	1.04	0.29	10.35	2.19	1.97	0.62

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.62	13.00	8.39	8.15	1.14
10.45	2.25	2.02	0.64	13.05	8.43	8.19	1.04
10.50	2.28	2.05	0.64	13.10	8.48	8.24	1.01
10.55	2.31	2.08	0.70	13.15	8.52	8.28	0.95
10.60	2.34	2.11	0.72	13.20	8.56	8.32	0.93
10.65	2.37	2.14	0.77	13.25	8.60	8.36	0.88
10.70	2.41	2.18	0.79	13.30	8.63	8.39	0.86
10.75	2.44	2.21	0.85	13.35	8.67	8.43	0.81
10.80	2.48	2.25	0.86	13.40	8.70	8.46	0.79
10.85	2.52	2.29	0.92	13.45	8.73	8.49	0.73
10.90	2.56	2.33	0.94	13.50	8.76	8.52	0.72
10.95	2.61	2.38	0.99	13.55	8.79	8.55	0.66
11.00	2.65	2.42	1.01	13.60	8.82	8.58	0.65
11.05	2.70	2.47	1.12	13.65	8.85	8.61	0.63
11.10	2.75	2.52	1.15	13.70	8.87	8.63	0.62
11.15	2.80	2.57	1.25	13.75	8.90	8.66	0.61
11.20	2.86	2.63	1.29	13.80	8.93	8.69	0.61
11.25	2.92	2.69	1.39	13.85	8.95	8.71	0.59
11.30	2.98	2.75	1.42	13.90	8.98	8.74	0.59
11.35	3.05	2.82	1.53	13.95	9.00	8.76	0.57
11.40	3.12	2.89	1.56	14.00	9.03	8.79	0.57
11.45	3.19	2.96	1.64	14.05	9.05	8.81	0.55
11.50	3.26	3.03	1.70	14.10	9.07	8.83	0.55
11.55	3.37	3.14	2.40	14.15	9.10	8.86	0.53
11.60	3.49	3.25	2.58	14.20	9.12	8.88	0.53
11.65	3.60	3.37	2.68	14.25	9.14	8.90	0.51
11.70	3.72	3.49	2.76	14.30	9.16	8.92	0.51
11.75	3.88	3.65	3.52	14.35	9.19	8.95	0.50
11.80	4.04	3.81	3.78	14.40	9.21	8.97	0.49
11.85	4.27	4.03	4.88	14.45	9.23	8.99	0.48
11.90	4.49	4.25	5.33	14.50	9.25	9.01	0.47
11.95	4.88	4.64	8.20	14.55	9.27	9.03	0.46
12.00	5.26	5.02	9.18	14.60	9.29	9.05	0.45
12.05	5.91	5.67	13.74	14.65	9.31	9.07	0.44
12.10	6.55	6.31	14.40	14.70	9.32	9.08	0.43
12.15	6.77	6.53	7.03	14.75	9.34	9.10	0.42
12.20	7.00	6.76	5.15	14.80	9.36	9.12	0.42
12.25	7.16	6.92	4.00	14.85	9.38	9.14	0.40
12.30	7.32	7.08	3.68	14.90	9.40	9.15	0.39
12.35	7.44	7.20	2.91	14.95	9.41	9.17	0.38
12.40	7.55	7.31	2.71	15.00	9.43	9.19	0.38
12.45	7.67	7.43	2.61	15.05	9.44	9.20	0.36
12.50	7.78	7.54	2.54	15.10	9.46	9.22	0.36
12.55	7.85	7.61	1.84	15.15	9.47	9.23	0.35
12.60	7.92	7.68	1.66	15.20	9.49	9.25	0.35
12.65	7.99	7.75	1.58	15.25	9.50	9.26	0.35
12.70	8.06	7.82	1.55	15.30	9.52	9.28	0.35
12.75	8.12	7.88	1.45	15.35	9.53	9.29	0.34
12.80	8.18	7.94	1.42	15.40	9.55	9.31	0.34
12.85	8.24	8.00	1.31	15.45	9.56	9.32	0.34
12.90	8.29	8.05	1.28	15.50	9.58	9.34	0.34
12.95	8.34	8.10	1.17	15.55	9.59	9.35	0.33

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.33	18.20	10.20	9.96	0.20
15.65	9.62	9.38	0.33	18.25	10.21	9.97	0.20
15.70	9.64	9.39	0.33	18.30	10.22	9.98	0.20
15.75	9.65	9.41	0.32	18.35	10.23	9.99	0.20
15.80	9.66	9.42	0.32	18.40	10.24	9.99	0.20
15.85	9.68	9.44	0.32	18.45	10.24	10.00	0.20
15.90	9.69	9.45	0.32	18.50	10.25	10.01	0.20
15.95	9.70	9.46	0.31	18.55	10.26	10.02	0.20
16.00	9.72	9.48	0.31	18.60	10.27	10.03	0.20
16.05	9.73	9.49	0.31	18.65	10.28	10.04	0.20
16.10	9.74	9.50	0.31	18.70	10.29	10.05	0.20
16.15	9.76	9.52	0.30	18.75	10.30	10.05	0.20
16.20	9.77	9.53	0.30	18.80	10.30	10.06	0.20
16.25	9.78	9.54	0.30	18.85	10.31	10.07	0.20
16.30	9.80	9.55	0.30	18.90	10.32	10.08	0.20
16.35	9.81	9.57	0.29	18.95	10.33	10.09	0.19
16.40	9.82	9.58	0.29	19.00	10.34	10.10	0.19
16.45	9.83	9.59	0.29	19.05	10.35	10.11	0.19
16.50	9.85	9.60	0.29	19.10	10.35	10.11	0.19
16.55	9.86	9.62	0.28	19.15	10.36	10.12	0.19
16.60	9.87	9.63	0.28	19.20	10.37	10.13	0.19
16.65	9.88	9.64	0.28	19.25	10.38	10.14	0.19
16.70	9.89	9.65	0.28	19.30	10.39	10.15	0.19
16.75	9.91	9.66	0.27	19.35	10.40	10.15	0.19
16.80	9.92	9.68	0.27	19.40	10.40	10.16	0.19
16.85	9.93	9.69	0.27	19.45	10.41	10.17	0.19
16.90	9.94	9.70	0.27	19.50	10.42	10.18	0.19
16.95	9.95	9.71	0.26	19.55	10.43	10.19	0.19
17.00	9.96	9.72	0.26	19.60	10.44	10.20	0.19
17.05	9.97	9.73	0.26	19.65	10.44	10.20	0.19
17.10	9.99	9.74	0.26	19.70	10.45	10.21	0.19
17.15	10.00	9.76	0.25	19.75	10.46	10.22	0.19
17.20	10.01	9.77	0.25	19.80	10.47	10.23	0.18
17.25	10.02	9.78	0.25	19.85	10.48	10.24	0.18
17.30	10.03	9.79	0.24	19.90	10.48	10.24	0.18
17.35	10.04	9.80	0.24	19.95	10.49	10.25	0.18
17.40	10.05	9.81	0.24	20.00	10.50	10.26	0.18
17.45	10.06	9.82	0.24	20.05	10.51	10.27	0.18
17.50	10.07	9.83	0.24	20.10	10.52	10.27	0.18
17.55	10.08	9.84	0.23	20.15	10.52	10.28	0.18
17.60	10.09	9.85	0.23	20.20	10.53	10.29	0.18
17.65	10.10	9.86	0.23	20.25	10.54	10.30	0.18
17.70	10.11	9.87	0.23	20.30	10.55	10.31	0.18
17.75	10.12	9.88	0.22	20.35	10.55	10.31	0.18
17.80	10.13	9.89	0.22	20.40	10.56	10.32	0.18
17.85	10.14	9.90	0.22	20.45	10.57	10.33	0.18
17.90	10.15	9.91	0.22	20.50	10.58	10.34	0.17
17.95	10.16	9.92	0.21	20.55	10.58	10.34	0.17
18.00	10.17	9.92	0.21	20.60	10.59	10.35	0.17
18.05	10.17	9.93	0.21	20.65	10.60	10.36	0.17
18.10	10.18	9.94	0.21	20.70	10.61	10.37	0.17
18.15	10.19	9.95	0.20	20.75	10.61	10.37	0.17

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.17	23.40	10.97	10.73	0.14
20.85	10.63	10.39	0.17	23.45	10.97	10.73	0.14
20.90	10.64	10.39	0.17	23.50	10.98	10.74	0.14
20.95	10.64	10.40	0.17	23.55	10.99	10.74	0.14
21.00	10.65	10.41	0.17	23.60	10.99	10.75	0.14
21.05	10.66	10.42	0.17	23.65	11.00	10.76	0.14
21.10	10.66	10.42	0.17	23.70	11.00	10.76	0.14
21.15	10.67	10.43	0.17	23.75	11.01	10.77	0.13
21.20	10.68	10.44	0.17	23.80	11.01	10.77	0.13
21.25	10.69	10.45	0.17	23.85	11.02	10.78	0.13
21.30	10.69	10.45	0.17	23.90	11.03	10.78	0.13
21.35	10.70	10.46	0.16	23.95	11.03	10.79	0.16
21.40	10.71	10.47	0.16	24.00	11.04	10.80	0.16
21.45	10.71	10.47	0.16	24.05	11.04	10.80	0.03
21.50	10.72	10.48	0.16	24.10	11.04	10.80	0.00
21.55	10.73	10.49	0.16	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.16	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.16	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.16	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.16	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.16	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.16	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.16	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.16	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.16	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.15	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.15	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.15	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.15	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.15	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.15	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.15	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.15	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.15	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.15	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.15	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.15	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.15	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.15	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.15	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.15	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.14	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.14	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.14	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.14	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.14	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.14	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.14	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.14	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.14	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.14	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.14	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 46I: PDA-46 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 46P: PDA-46 (pervious)

Runoff = 14.58 cfs @ 12.09 hrs, Volume= 0.857 af, Depth= 7.72"
 Routed to Pond B-46A : Basin #46A

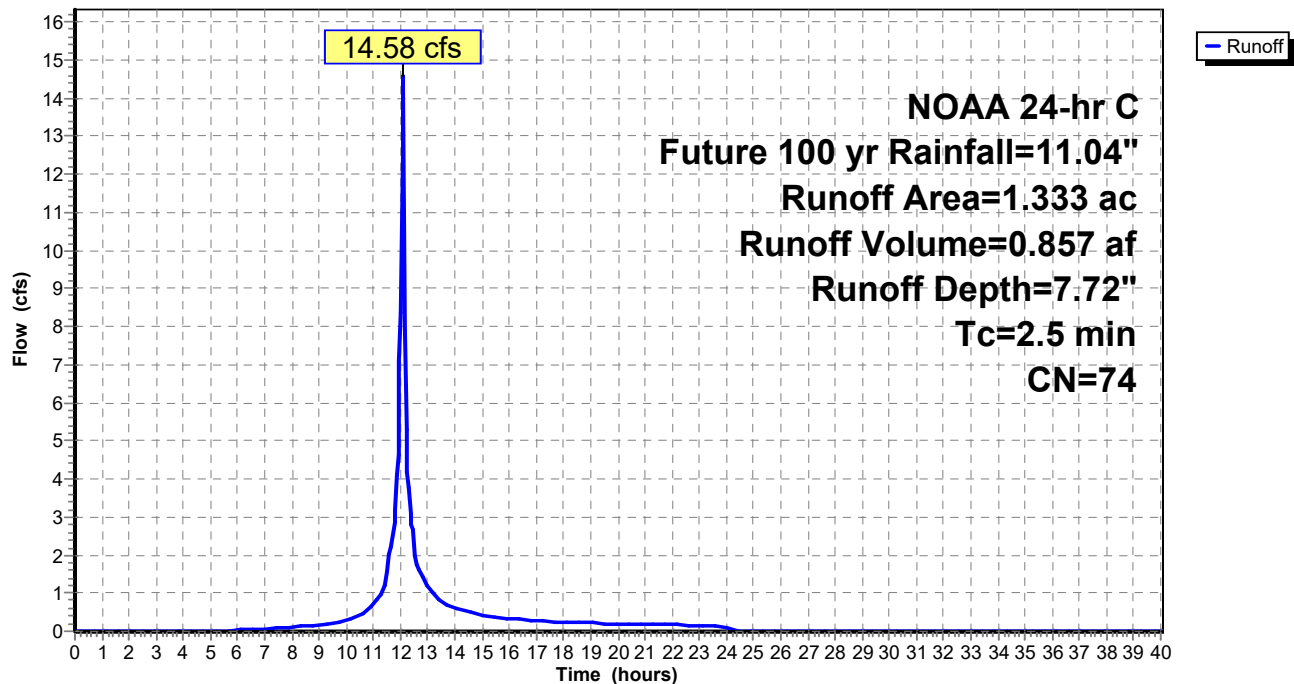
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.333	74	>75% Grass cover, Good, HSG C
1.333		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.5					Direct Entry,

Subcatchment 46P: PDA-46 (pervious)

Hydrograph



Hydrograph for Subcatchment 46P: PDA-46 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.09
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.09
5.30	0.75	0.00	0.01	7.90	1.30	0.09	0.09
5.35	0.76	0.00	0.01	7.95	1.31	0.09	0.10
5.40	0.77	0.00	0.01	8.00	1.32	0.09	0.10
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.10
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.10
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.11
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.11
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.11
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.11
5.75	0.83	0.00	0.02	8.35	1.42	0.12	0.12
5.80	0.84	0.01	0.02	8.40	1.43	0.13	0.12
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.12
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.12
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.13
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.13
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.13
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.14
6.15	0.90	0.01	0.03	8.75	1.54	0.16	0.14
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.14
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.14
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.15
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.15
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.15
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.16
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.16
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.17
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.18
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.19
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.19
6.75	1.02	0.03	0.04	9.35	1.73	0.23	0.20
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.20
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.21
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.22
6.95	1.07	0.03	0.05	9.55	1.81	0.27	0.23
7.00	1.08	0.04	0.05	9.60	1.83	0.28	0.23
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.24
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.25
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.26
7.20	1.12	0.04	0.06	9.80	1.92	0.31	0.26
7.25	1.13	0.05	0.06	9.85	1.94	0.32	0.27
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.28
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.29
7.40	1.17	0.05	0.07	10.00	2.01	0.36	0.30
7.45	1.18	0.06	0.07	10.05	2.04	0.37	0.31
7.50	1.19	0.06	0.07	10.10	2.06	0.38	0.31
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.33
7.60	1.22	0.07	0.08	10.20	2.11	0.40	0.33
7.65	1.23	0.07	0.08	10.25	2.14	0.42	0.34
7.70	1.24	0.07	0.08	10.30	2.17	0.43	0.35
7.75	1.26	0.08	0.09	10.35	2.19	0.44	0.36

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.37	13.00	8.39	5.28	1.20
10.45	2.25	0.47	0.38	13.05	8.43	5.32	1.10
10.50	2.28	0.49	0.39	13.10	8.48	5.36	1.06
10.55	2.31	0.50	0.43	13.15	8.52	5.39	1.01
10.60	2.34	0.52	0.44	13.20	8.56	5.43	0.98
10.65	2.37	0.54	0.48	13.25	8.60	5.46	0.93
10.70	2.41	0.56	0.50	13.30	8.63	5.50	0.91
10.75	2.44	0.58	0.54	13.35	8.67	5.53	0.86
10.80	2.48	0.60	0.56	13.40	8.70	5.56	0.83
10.85	2.52	0.62	0.60	13.45	8.73	5.59	0.78
10.90	2.56	0.64	0.62	13.50	8.76	5.61	0.76
10.95	2.61	0.67	0.66	13.55	8.79	5.64	0.70
11.00	2.65	0.69	0.69	13.60	8.82	5.67	0.68
11.05	2.70	0.72	0.76	13.65	8.85	5.69	0.67
11.10	2.75	0.75	0.80	13.70	8.87	5.71	0.66
11.15	2.80	0.79	0.87	13.75	8.90	5.74	0.65
11.20	2.86	0.82	0.91	13.80	8.93	5.76	0.64
11.25	2.92	0.86	0.99	13.85	8.95	5.79	0.63
11.30	2.98	0.90	1.04	13.90	8.98	5.81	0.62
11.35	3.05	0.94	1.12	13.95	9.00	5.83	0.61
11.40	3.12	0.98	1.17	14.00	9.03	5.85	0.60
11.45	3.19	1.03	1.24	14.05	9.05	5.88	0.59
11.50	3.26	1.08	1.29	14.10	9.07	5.90	0.58
11.55	3.37	1.15	1.80	14.15	9.10	5.92	0.57
11.60	3.49	1.23	2.03	14.20	9.12	5.94	0.56
11.65	3.60	1.31	2.15	14.25	9.14	5.96	0.55
11.70	3.72	1.39	2.24	14.30	9.16	5.98	0.54
11.75	3.88	1.51	2.86	14.35	9.19	6.00	0.53
11.80	4.04	1.63	3.17	14.40	9.21	6.02	0.52
11.85	4.27	1.79	4.10	14.45	9.23	6.04	0.51
11.90	4.49	1.96	4.62	14.50	9.25	6.06	0.50
11.95	4.88	2.27	7.08	14.55	9.27	6.07	0.49
12.00	5.26	2.57	8.36	14.60	9.29	6.09	0.48
12.05	5.91	3.11	12.57	14.65	9.31	6.11	0.47
12.10	6.55	3.65	14.24	14.70	9.32	6.13	0.46
12.15	6.77	3.85	7.91	14.75	9.34	6.14	0.45
12.20	7.00	4.04	5.31	14.80	9.36	6.16	0.44
12.25	7.16	4.18	4.20	14.85	9.38	6.17	0.43
12.30	7.32	4.32	3.79	14.90	9.40	6.19	0.42
12.35	7.44	4.43	3.07	14.95	9.41	6.21	0.41
12.40	7.55	4.53	2.80	15.00	9.43	6.22	0.40
12.45	7.67	4.63	2.70	15.05	9.44	6.23	0.39
12.50	7.78	4.73	2.64	15.10	9.46	6.25	0.38
12.55	7.85	4.79	1.99	15.15	9.47	6.26	0.38
12.60	7.92	4.86	1.74	15.20	9.49	6.28	0.38
12.65	7.99	4.92	1.65	15.25	9.50	6.29	0.37
12.70	8.06	4.98	1.62	15.30	9.52	6.30	0.37
12.75	8.12	5.03	1.52	15.35	9.53	6.32	0.37
12.80	8.18	5.09	1.48	15.40	9.55	6.33	0.37
12.85	8.24	5.14	1.38	15.45	9.56	6.34	0.36
12.90	8.29	5.19	1.34	15.50	9.58	6.36	0.36
12.95	8.34	5.23	1.24	15.55	9.59	6.37	0.36

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.36	18.20	10.20	6.93	0.22
15.65	9.62	6.40	0.35	18.25	10.21	6.94	0.22
15.70	9.64	6.41	0.35	18.30	10.22	6.95	0.22
15.75	9.65	6.42	0.35	18.35	10.23	6.96	0.22
15.80	9.66	6.44	0.34	18.40	10.24	6.97	0.22
15.85	9.68	6.45	0.34	18.45	10.24	6.97	0.22
15.90	9.69	6.46	0.34	18.50	10.25	6.98	0.22
15.95	9.70	6.47	0.34	18.55	10.26	6.99	0.22
16.00	9.72	6.49	0.33	18.60	10.27	7.00	0.21
16.05	9.73	6.50	0.33	18.65	10.28	7.01	0.21
16.10	9.74	6.51	0.33	18.70	10.29	7.01	0.21
16.15	9.76	6.52	0.33	18.75	10.30	7.02	0.21
16.20	9.77	6.54	0.32	18.80	10.30	7.03	0.21
16.25	9.78	6.55	0.32	18.85	10.31	7.04	0.21
16.30	9.80	6.56	0.32	18.90	10.32	7.04	0.21
16.35	9.81	6.57	0.31	18.95	10.33	7.05	0.21
16.40	9.82	6.58	0.31	19.00	10.34	7.06	0.21
16.45	9.83	6.59	0.31	19.05	10.35	7.07	0.21
16.50	9.85	6.60	0.31	19.10	10.35	7.08	0.21
16.55	9.86	6.62	0.30	19.15	10.36	7.08	0.21
16.60	9.87	6.63	0.30	19.20	10.37	7.09	0.21
16.65	9.88	6.64	0.30	19.25	10.38	7.10	0.21
16.70	9.89	6.65	0.30	19.30	10.39	7.11	0.21
16.75	9.91	6.66	0.29	19.35	10.40	7.11	0.20
16.80	9.92	6.67	0.29	19.40	10.40	7.12	0.20
16.85	9.93	6.68	0.29	19.45	10.41	7.13	0.20
16.90	9.94	6.69	0.29	19.50	10.42	7.14	0.20
16.95	9.95	6.70	0.28	19.55	10.43	7.14	0.20
17.00	9.96	6.71	0.28	19.60	10.44	7.15	0.20
17.05	9.97	6.72	0.28	19.65	10.44	7.16	0.20
17.10	9.99	6.73	0.28	19.70	10.45	7.17	0.20
17.15	10.00	6.74	0.27	19.75	10.46	7.17	0.20
17.20	10.01	6.75	0.27	19.80	10.47	7.18	0.20
17.25	10.02	6.76	0.27	19.85	10.48	7.19	0.20
17.30	10.03	6.77	0.26	19.90	10.48	7.20	0.20
17.35	10.04	6.78	0.26	19.95	10.49	7.20	0.20
17.40	10.05	6.79	0.26	20.00	10.50	7.21	0.20
17.45	10.06	6.80	0.26	20.05	10.51	7.22	0.20
17.50	10.07	6.81	0.25	20.10	10.52	7.23	0.19
17.55	10.08	6.82	0.25	20.15	10.52	7.23	0.19
17.60	10.09	6.83	0.25	20.20	10.53	7.24	0.19
17.65	10.10	6.84	0.24	20.25	10.54	7.25	0.19
17.70	10.11	6.85	0.24	20.30	10.55	7.25	0.19
17.75	10.12	6.86	0.24	20.35	10.55	7.26	0.19
17.80	10.13	6.87	0.24	20.40	10.56	7.27	0.19
17.85	10.14	6.87	0.23	20.45	10.57	7.28	0.19
17.90	10.15	6.88	0.23	20.50	10.58	7.28	0.19
17.95	10.16	6.89	0.23	20.55	10.58	7.29	0.19
18.00	10.17	6.90	0.23	20.60	10.59	7.30	0.19
18.05	10.17	6.91	0.22	20.65	10.60	7.30	0.19
18.10	10.18	6.92	0.22	20.70	10.61	7.31	0.19
18.15	10.19	6.92	0.22	20.75	10.61	7.32	0.19

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.19	23.40	10.97	7.65	0.15
20.85	10.63	7.33	0.18	23.45	10.97	7.65	0.15
20.90	10.64	7.34	0.18	23.50	10.98	7.66	0.15
20.95	10.64	7.34	0.18	23.55	10.99	7.66	0.15
21.00	10.65	7.35	0.18	23.60	10.99	7.67	0.15
21.05	10.66	7.36	0.18	23.65	11.00	7.67	0.15
21.10	10.66	7.36	0.18	23.70	11.00	7.68	0.15
21.15	10.67	7.37	0.18	23.75	11.01	7.69	0.15
21.20	10.68	7.38	0.18	23.80	11.01	7.69	0.14
21.25	10.69	7.38	0.18	23.85	11.02	7.70	0.14
21.30	10.69	7.39	0.18	23.90	11.03	7.70	0.14
21.35	10.70	7.40	0.18	23.95	11.03	7.71	0.17
21.40	10.71	7.40	0.18	24.00	11.04	7.72	0.17
21.45	10.71	7.41	0.18	24.05	11.04	7.72	0.05
21.50	10.72	7.42	0.18	24.10	11.04	7.72	0.00
21.55	10.73	7.42	0.17	24.15	11.04	7.72	0.00
21.60	10.74	7.43	0.17	24.20	11.04	7.72	0.00
21.65	10.74	7.44	0.17	24.25	11.04	7.72	0.00
21.70	10.75	7.44	0.17	24.30	11.04	7.72	0.00
21.75	10.76	7.45	0.17	24.35	11.04	7.72	0.00
21.80	10.76	7.46	0.17	24.40	11.04	7.72	0.00
21.85	10.77	7.46	0.17	24.45	11.04	7.72	0.00
21.90	10.78	7.47	0.17	24.50	11.04	7.72	0.00
21.95	10.78	7.48	0.17	24.55	11.04	7.72	0.00
22.00	10.79	7.48	0.17	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.17	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.17	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.17	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.17	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.17	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.16	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.16	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.16	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.16	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.16	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.16	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.16	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.16	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.16	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.16	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.16	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.16	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.16	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.16	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.16	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.15	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.15	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.15	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.15	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.15	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.15	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.15	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 46P: PDA-46 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment 47I: PDA-47 (impervious)

Runoff = 9.00 cfs @ 12.10 hrs, Volume= 0.671 af, Depth=10.80"
 Routed to Pond B-47 : Basin #47

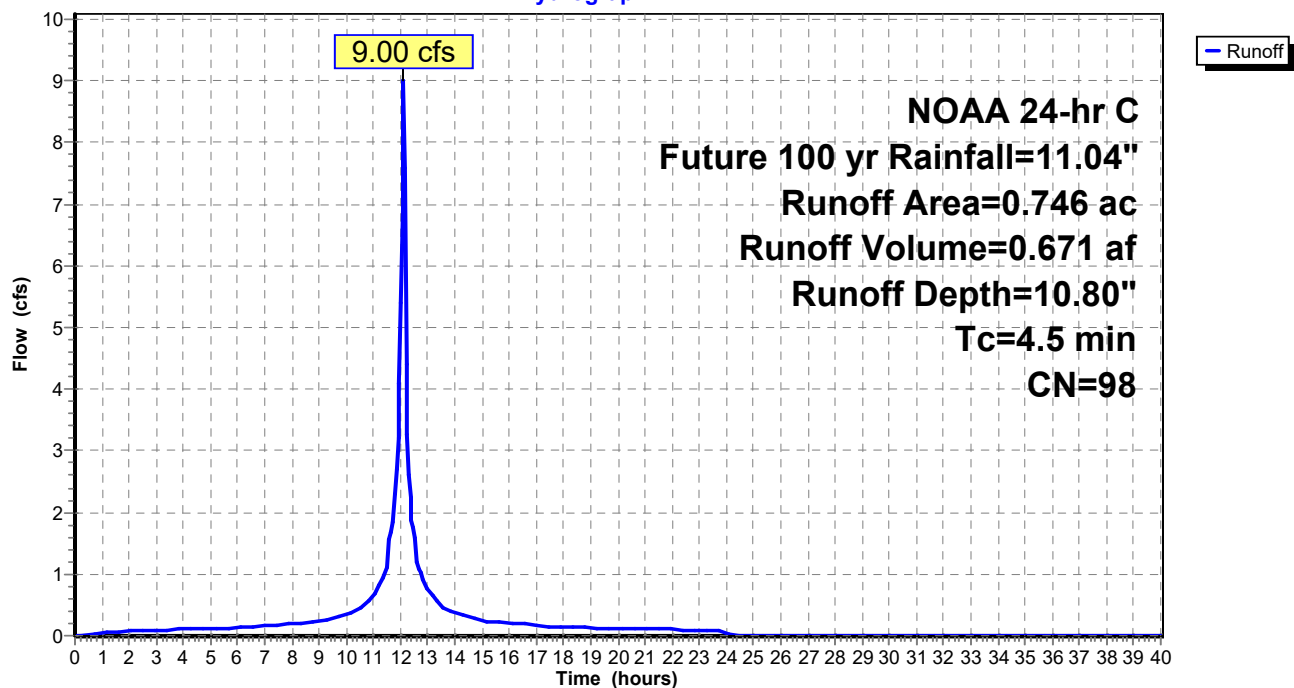
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
* 0.244	98	Pavement, HSG C
* 0.484	98	Roof, HSG C
* 0.018	98	Concrete, HSG C
0.746	98	Weighted Average
0.746		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.5					Direct Entry,

Subcatchment 47I: PDA-47 (impervious)

Hydrograph



Hydrograph for Subcatchment 47I: PDA-47 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.17	0.09
0.05	0.01	0.00	0.00	2.65	0.34	0.18	0.09
0.10	0.01	0.00	0.00	2.70	0.35	0.18	0.09
0.15	0.02	0.00	0.00	2.75	0.35	0.19	0.09
0.20	0.03	0.00	0.00	2.80	0.36	0.20	0.09
0.25	0.03	0.00	0.00	2.85	0.37	0.20	0.09
0.30	0.04	0.00	0.00	2.90	0.38	0.21	0.09
0.35	0.04	0.00	0.00	2.95	0.38	0.21	0.09
0.40	0.05	0.00	0.00	3.00	0.39	0.22	0.09
0.45	0.05	0.00	0.00	3.05	0.40	0.23	0.09
0.50	0.06	0.00	0.01	3.10	0.40	0.23	0.09
0.55	0.07	0.00	0.01	3.15	0.41	0.24	0.10
0.60	0.07	0.00	0.02	3.20	0.42	0.25	0.10
0.65	0.08	0.01	0.02	3.25	0.43	0.25	0.10
0.70	0.08	0.01	0.02	3.30	0.43	0.26	0.10
0.75	0.09	0.01	0.03	3.35	0.44	0.27	0.10
0.80	0.10	0.01	0.03	3.40	0.45	0.27	0.10
0.85	0.10	0.01	0.03	3.45	0.46	0.28	0.10
0.90	0.11	0.02	0.04	3.50	0.46	0.29	0.10
0.95	0.11	0.02	0.04	3.55	0.47	0.29	0.10
1.00	0.12	0.02	0.04	3.60	0.48	0.30	0.10
1.05	0.13	0.03	0.04	3.65	0.49	0.31	0.10
1.10	0.13	0.03	0.05	3.70	0.49	0.31	0.10
1.15	0.14	0.03	0.05	3.75	0.50	0.32	0.10
1.20	0.15	0.04	0.05	3.80	0.51	0.33	0.10
1.25	0.15	0.04	0.05	3.85	0.52	0.33	0.10
1.30	0.16	0.04	0.05	3.90	0.52	0.34	0.11
1.35	0.16	0.05	0.06	3.95	0.53	0.35	0.11
1.40	0.17	0.05	0.06	4.00	0.54	0.35	0.11
1.45	0.18	0.05	0.06	4.05	0.55	0.36	0.11
1.50	0.18	0.06	0.06	4.10	0.56	0.37	0.11
1.55	0.19	0.06	0.06	4.15	0.56	0.38	0.11
1.60	0.20	0.07	0.06	4.20	0.57	0.38	0.11
1.65	0.20	0.07	0.07	4.25	0.58	0.39	0.11
1.70	0.21	0.08	0.07	4.30	0.59	0.40	0.11
1.75	0.22	0.08	0.07	4.35	0.60	0.41	0.11
1.80	0.22	0.09	0.07	4.40	0.60	0.41	0.11
1.85	0.23	0.09	0.07	4.45	0.61	0.42	0.11
1.90	0.24	0.10	0.07	4.50	0.62	0.43	0.11
1.95	0.24	0.10	0.07	4.55	0.63	0.44	0.11
2.00	0.25	0.11	0.07	4.60	0.64	0.44	0.11
2.05	0.26	0.11	0.08	4.65	0.64	0.45	0.11
2.10	0.26	0.12	0.08	4.70	0.65	0.46	0.11
2.15	0.27	0.12	0.08	4.75	0.66	0.47	0.12
2.20	0.28	0.13	0.08	4.80	0.67	0.47	0.12
2.25	0.28	0.13	0.08	4.85	0.68	0.48	0.12
2.30	0.29	0.14	0.08	4.90	0.69	0.49	0.12
2.35	0.30	0.14	0.08	4.95	0.69	0.50	0.12
2.40	0.30	0.15	0.08	5.00	0.70	0.51	0.12
2.45	0.31	0.15	0.08	5.05	0.71	0.51	0.12
2.50	0.32	0.16	0.08	5.10	0.72	0.52	0.12
2.55	0.33	0.17	0.09	5.15	0.73	0.53	0.12

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.54	0.12	7.80	1.27	1.05	0.19
5.25	0.74	0.55	0.12	7.85	1.28	1.07	0.19
5.30	0.75	0.55	0.12	7.90	1.30	1.08	0.19
5.35	0.76	0.56	0.12	7.95	1.31	1.09	0.19
5.40	0.77	0.57	0.12	8.00	1.32	1.11	0.20
5.45	0.78	0.58	0.12	8.05	1.34	1.12	0.20
5.50	0.79	0.59	0.12	8.10	1.35	1.13	0.20
5.55	0.80	0.59	0.12	8.15	1.36	1.15	0.20
5.60	0.80	0.60	0.12	8.20	1.38	1.16	0.20
5.65	0.81	0.61	0.12	8.25	1.39	1.17	0.20
5.70	0.82	0.62	0.13	8.30	1.40	1.19	0.21
5.75	0.83	0.63	0.13	8.35	1.42	1.20	0.21
5.80	0.84	0.64	0.13	8.40	1.43	1.21	0.21
5.85	0.85	0.64	0.13	8.45	1.45	1.23	0.21
5.90	0.86	0.65	0.13	8.50	1.46	1.24	0.21
5.95	0.87	0.66	0.13	8.55	1.48	1.26	0.21
6.00	0.87	0.67	0.13	8.60	1.49	1.27	0.22
6.05	0.88	0.68	0.13	8.65	1.51	1.29	0.22
6.10	0.89	0.69	0.13	8.70	1.52	1.30	0.22
6.15	0.90	0.70	0.13	8.75	1.54	1.32	0.22
6.20	0.91	0.71	0.13	8.80	1.55	1.33	0.22
6.25	0.92	0.71	0.14	8.85	1.57	1.35	0.22
6.30	0.93	0.72	0.14	8.90	1.58	1.36	0.23
6.35	0.94	0.73	0.14	8.95	1.60	1.38	0.23
6.40	0.95	0.74	0.14	9.00	1.61	1.39	0.23
6.45	0.96	0.75	0.14	9.05	1.63	1.41	0.23
6.50	0.97	0.76	0.14	9.10	1.64	1.42	0.24
6.55	0.98	0.77	0.15	9.15	1.66	1.44	0.25
6.60	0.99	0.78	0.15	9.20	1.68	1.46	0.25
6.65	1.00	0.79	0.15	9.25	1.70	1.47	0.26
6.70	1.01	0.80	0.15	9.30	1.72	1.49	0.27
6.75	1.02	0.81	0.15	9.35	1.73	1.51	0.27
6.80	1.03	0.82	0.15	9.40	1.75	1.53	0.28
6.85	1.04	0.83	0.16	9.45	1.77	1.55	0.28
6.90	1.05	0.84	0.16	9.50	1.79	1.57	0.29
6.95	1.07	0.85	0.16	9.55	1.81	1.59	0.30
7.00	1.08	0.87	0.16	9.60	1.83	1.61	0.30
7.05	1.09	0.88	0.16	9.65	1.85	1.63	0.31
7.10	1.10	0.89	0.17	9.70	1.88	1.65	0.31
7.15	1.11	0.90	0.17	9.75	1.90	1.67	0.32
7.20	1.12	0.91	0.17	9.80	1.92	1.69	0.33
7.25	1.13	0.92	0.17	9.85	1.94	1.72	0.33
7.30	1.15	0.93	0.17	9.90	1.97	1.74	0.34
7.35	1.16	0.94	0.17	9.95	1.99	1.76	0.35
7.40	1.17	0.96	0.18	10.00	2.01	1.79	0.35
7.45	1.18	0.97	0.18	10.05	2.04	1.81	0.36
7.50	1.19	0.98	0.18	10.10	2.06	1.84	0.36
7.55	1.21	0.99	0.18	10.15	2.09	1.86	0.37
7.60	1.22	1.00	0.18	10.20	2.11	1.89	0.38
7.65	1.23	1.02	0.18	10.25	2.14	1.91	0.38
7.70	1.24	1.03	0.19	10.30	2.17	1.94	0.39
7.75	1.26	1.04	0.19	10.35	2.19	1.97	0.39

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	1.99	0.40	13.00	8.39	8.15	0.76
10.45	2.25	2.02	0.41	13.05	8.43	8.19	0.72
10.50	2.28	2.05	0.42	13.10	8.48	8.24	0.67
10.55	2.31	2.08	0.43	13.15	8.52	8.28	0.65
10.60	2.34	2.11	0.46	13.20	8.56	8.32	0.62
10.65	2.37	2.14	0.48	13.25	8.60	8.36	0.60
10.70	2.41	2.18	0.50	13.30	8.63	8.39	0.57
10.75	2.44	2.21	0.53	13.35	8.67	8.43	0.55
10.80	2.48	2.25	0.55	13.40	8.70	8.46	0.52
10.85	2.52	2.29	0.57	13.45	8.73	8.49	0.50
10.90	2.56	2.33	0.60	13.50	8.76	8.52	0.48
10.95	2.61	2.38	0.62	13.55	8.79	8.55	0.45
11.00	2.65	2.42	0.65	13.60	8.82	8.58	0.43
11.05	2.70	2.47	0.68	13.65	8.85	8.61	0.42
11.10	2.75	2.52	0.73	13.70	8.87	8.63	0.41
11.15	2.80	2.57	0.77	13.75	8.90	8.66	0.40
11.20	2.86	2.63	0.82	13.80	8.93	8.69	0.40
11.25	2.92	2.69	0.86	13.85	8.95	8.71	0.39
11.30	2.98	2.75	0.91	13.90	8.98	8.74	0.38
11.35	3.05	2.82	0.95	13.95	9.00	8.76	0.38
11.40	3.12	2.89	1.00	14.00	9.03	8.79	0.37
11.45	3.19	2.96	1.03	14.05	9.05	8.81	0.37
11.50	3.26	3.03	1.07	14.10	9.07	8.83	0.36
11.55	3.37	3.14	1.26	14.15	9.10	8.86	0.35
11.60	3.49	3.25	1.57	14.20	9.12	8.88	0.35
11.65	3.60	3.37	1.68	14.25	9.14	8.90	0.34
11.70	3.72	3.49	1.75	14.30	9.16	8.92	0.33
11.75	3.88	3.65	1.96	14.35	9.19	8.95	0.33
11.80	4.04	3.81	2.31	14.40	9.21	8.97	0.32
11.85	4.27	4.03	2.69	14.45	9.23	8.99	0.32
11.90	4.49	4.25	3.20	14.50	9.25	9.01	0.31
11.95	4.88	4.64	4.09	14.55	9.27	9.03	0.30
12.00	5.26	5.02	5.39	14.60	9.29	9.05	0.30
12.05	5.91	5.67	6.93	14.65	9.31	9.07	0.29
12.10	6.55	6.31	8.99	14.70	9.32	9.08	0.28
12.15	6.77	6.53	7.58	14.75	9.34	9.10	0.28
12.20	7.00	6.76	4.41	14.80	9.36	9.12	0.27
12.25	7.16	6.92	3.27	14.85	9.38	9.14	0.27
12.30	7.32	7.08	2.61	14.90	9.40	9.15	0.26
12.35	7.44	7.20	2.25	14.95	9.41	9.17	0.25
12.40	7.55	7.31	1.88	15.00	9.43	9.19	0.25
12.45	7.67	7.43	1.76	15.05	9.44	9.20	0.24
12.50	7.78	7.54	1.69	15.10	9.46	9.22	0.24
12.55	7.85	7.61	1.49	15.15	9.47	9.23	0.23
12.60	7.92	7.68	1.18	15.20	9.49	9.25	0.23
12.65	7.99	7.75	1.08	15.25	9.50	9.26	0.23
12.70	8.06	7.82	1.03	15.30	9.52	9.28	0.23
12.75	8.12	7.88	0.99	15.35	9.53	9.29	0.23
12.80	8.18	7.94	0.94	15.40	9.55	9.31	0.22
12.85	8.24	8.00	0.90	15.45	9.56	9.32	0.22
12.90	8.29	8.05	0.85	15.50	9.58	9.34	0.22
12.95	8.34	8.10	0.81	15.55	9.59	9.35	0.22

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	9.37	0.22	18.20	10.20	9.96	0.13
15.65	9.62	9.38	0.22	18.25	10.21	9.97	0.13
15.70	9.64	9.39	0.21	18.30	10.22	9.98	0.13
15.75	9.65	9.41	0.21	18.35	10.23	9.99	0.13
15.80	9.66	9.42	0.21	18.40	10.24	9.99	0.13
15.85	9.68	9.44	0.21	18.45	10.24	10.00	0.13
15.90	9.69	9.45	0.21	18.50	10.25	10.01	0.13
15.95	9.70	9.46	0.21	18.55	10.26	10.02	0.13
16.00	9.72	9.48	0.20	18.60	10.27	10.03	0.13
16.05	9.73	9.49	0.20	18.65	10.28	10.04	0.13
16.10	9.74	9.50	0.20	18.70	10.29	10.05	0.13
16.15	9.76	9.52	0.20	18.75	10.30	10.05	0.13
16.20	9.77	9.53	0.20	18.80	10.30	10.06	0.13
16.25	9.78	9.54	0.20	18.85	10.31	10.07	0.13
16.30	9.80	9.55	0.19	18.90	10.32	10.08	0.13
16.35	9.81	9.57	0.19	18.95	10.33	10.09	0.13
16.40	9.82	9.58	0.19	19.00	10.34	10.10	0.13
16.45	9.83	9.59	0.19	19.05	10.35	10.11	0.13
16.50	9.85	9.60	0.19	19.10	10.35	10.11	0.13
16.55	9.86	9.62	0.19	19.15	10.36	10.12	0.13
16.60	9.87	9.63	0.18	19.20	10.37	10.13	0.12
16.65	9.88	9.64	0.18	19.25	10.38	10.14	0.12
16.70	9.89	9.65	0.18	19.30	10.39	10.15	0.12
16.75	9.91	9.66	0.18	19.35	10.40	10.15	0.12
16.80	9.92	9.68	0.18	19.40	10.40	10.16	0.12
16.85	9.93	9.69	0.18	19.45	10.41	10.17	0.12
16.90	9.94	9.70	0.17	19.50	10.42	10.18	0.12
16.95	9.95	9.71	0.17	19.55	10.43	10.19	0.12
17.00	9.96	9.72	0.17	19.60	10.44	10.20	0.12
17.05	9.97	9.73	0.17	19.65	10.44	10.20	0.12
17.10	9.99	9.74	0.17	19.70	10.45	10.21	0.12
17.15	10.00	9.76	0.17	19.75	10.46	10.22	0.12
17.20	10.01	9.77	0.16	19.80	10.47	10.23	0.12
17.25	10.02	9.78	0.16	19.85	10.48	10.24	0.12
17.30	10.03	9.79	0.16	19.90	10.48	10.24	0.12
17.35	10.04	9.80	0.16	19.95	10.49	10.25	0.12
17.40	10.05	9.81	0.16	20.00	10.50	10.26	0.12
17.45	10.06	9.82	0.16	20.05	10.51	10.27	0.12
17.50	10.07	9.83	0.15	20.10	10.52	10.27	0.12
17.55	10.08	9.84	0.15	20.15	10.52	10.28	0.12
17.60	10.09	9.85	0.15	20.20	10.53	10.29	0.12
17.65	10.10	9.86	0.15	20.25	10.54	10.30	0.12
17.70	10.11	9.87	0.15	20.30	10.55	10.31	0.12
17.75	10.12	9.88	0.15	20.35	10.55	10.31	0.12
17.80	10.13	9.89	0.14	20.40	10.56	10.32	0.11
17.85	10.14	9.90	0.14	20.45	10.57	10.33	0.11
17.90	10.15	9.91	0.14	20.50	10.58	10.34	0.11
17.95	10.16	9.92	0.14	20.55	10.58	10.34	0.11
18.00	10.17	9.92	0.14	20.60	10.59	10.35	0.11
18.05	10.17	9.93	0.14	20.65	10.60	10.36	0.11
18.10	10.18	9.94	0.13	20.70	10.61	10.37	0.11
18.15	10.19	9.95	0.13	20.75	10.61	10.37	0.11

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	10.38	0.11	23.40	10.97	10.73	0.09
20.85	10.63	10.39	0.11	23.45	10.97	10.73	0.09
20.90	10.64	10.39	0.11	23.50	10.98	10.74	0.09
20.95	10.64	10.40	0.11	23.55	10.99	10.74	0.09
21.00	10.65	10.41	0.11	23.60	10.99	10.75	0.09
21.05	10.66	10.42	0.11	23.65	11.00	10.76	0.09
21.10	10.66	10.42	0.11	23.70	11.00	10.76	0.09
21.15	10.67	10.43	0.11	23.75	11.01	10.77	0.09
21.20	10.68	10.44	0.11	23.80	11.01	10.77	0.09
21.25	10.69	10.45	0.11	23.85	11.02	10.78	0.09
21.30	10.69	10.45	0.11	23.90	11.03	10.78	0.09
21.35	10.70	10.46	0.11	23.95	11.03	10.79	0.09
21.40	10.71	10.47	0.11	24.00	11.04	10.80	0.10
21.45	10.71	10.47	0.11	24.05	11.04	10.80	0.07
21.50	10.72	10.48	0.11	24.10	11.04	10.80	0.02
21.55	10.73	10.49	0.11	24.15	11.04	10.80	0.00
21.60	10.74	10.49	0.10	24.20	11.04	10.80	0.00
21.65	10.74	10.50	0.10	24.25	11.04	10.80	0.00
21.70	10.75	10.51	0.10	24.30	11.04	10.80	0.00
21.75	10.76	10.52	0.10	24.35	11.04	10.80	0.00
21.80	10.76	10.52	0.10	24.40	11.04	10.80	0.00
21.85	10.77	10.53	0.10	24.45	11.04	10.80	0.00
21.90	10.78	10.54	0.10	24.50	11.04	10.80	0.00
21.95	10.78	10.54	0.10	24.55	11.04	10.80	0.00
22.00	10.79	10.55	0.10	24.60	11.04	10.80	0.00
22.05	10.80	10.56	0.10	24.65	11.04	10.80	0.00
22.10	10.80	10.56	0.10	24.70	11.04	10.80	0.00
22.15	10.81	10.57	0.10	24.75	11.04	10.80	0.00
22.20	10.82	10.58	0.10	24.80	11.04	10.80	0.00
22.25	10.82	10.58	0.10	24.85	11.04	10.80	0.00
22.30	10.83	10.59	0.10	24.90	11.04	10.80	0.00
22.35	10.84	10.60	0.10	24.95	11.04	10.80	0.00
22.40	10.84	10.60	0.10	25.00	11.04	10.80	0.00
22.45	10.85	10.61	0.10	25.05	11.04	10.80	0.00
22.50	10.86	10.62	0.10	25.10	11.04	10.80	0.00
22.55	10.86	10.62	0.10	25.15	11.04	10.80	0.00
22.60	10.87	10.63	0.10	25.20	11.04	10.80	0.00
22.65	10.88	10.63	0.10	25.25	11.04	10.80	0.00
22.70	10.88	10.64	0.10	25.30	11.04	10.80	0.00
22.75	10.89	10.65	0.10	25.35	11.04	10.80	0.00
22.80	10.89	10.65	0.09	25.40	11.04	10.80	0.00
22.85	10.90	10.66	0.09	25.45	11.04	10.80	0.00
22.90	10.91	10.67	0.09	25.50	11.04	10.80	0.00
22.95	10.91	10.67	0.09	25.55	11.04	10.80	0.00
23.00	10.92	10.68	0.09	25.60	11.04	10.80	0.00
23.05	10.93	10.68	0.09	25.65	11.04	10.80	0.00
23.10	10.93	10.69	0.09	25.70	11.04	10.80	0.00
23.15	10.94	10.70	0.09	25.75	11.04	10.80	0.00
23.20	10.94	10.70	0.09	25.80	11.04	10.80	0.00
23.25	10.95	10.71	0.09	25.85	11.04	10.80	0.00
23.30	10.96	10.71	0.09	25.90	11.04	10.80	0.00
23.35	10.96	10.72	0.09	25.95	11.04	10.80	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	10.80	0.00	28.60	11.04	10.80	0.00
26.05	11.04	10.80	0.00	28.65	11.04	10.80	0.00
26.10	11.04	10.80	0.00	28.70	11.04	10.80	0.00
26.15	11.04	10.80	0.00	28.75	11.04	10.80	0.00
26.20	11.04	10.80	0.00	28.80	11.04	10.80	0.00
26.25	11.04	10.80	0.00	28.85	11.04	10.80	0.00
26.30	11.04	10.80	0.00	28.90	11.04	10.80	0.00
26.35	11.04	10.80	0.00	28.95	11.04	10.80	0.00
26.40	11.04	10.80	0.00	29.00	11.04	10.80	0.00
26.45	11.04	10.80	0.00	29.05	11.04	10.80	0.00
26.50	11.04	10.80	0.00	29.10	11.04	10.80	0.00
26.55	11.04	10.80	0.00	29.15	11.04	10.80	0.00
26.60	11.04	10.80	0.00	29.20	11.04	10.80	0.00
26.65	11.04	10.80	0.00	29.25	11.04	10.80	0.00
26.70	11.04	10.80	0.00	29.30	11.04	10.80	0.00
26.75	11.04	10.80	0.00	29.35	11.04	10.80	0.00
26.80	11.04	10.80	0.00	29.40	11.04	10.80	0.00
26.85	11.04	10.80	0.00	29.45	11.04	10.80	0.00
26.90	11.04	10.80	0.00	29.50	11.04	10.80	0.00
26.95	11.04	10.80	0.00	29.55	11.04	10.80	0.00
27.00	11.04	10.80	0.00	29.60	11.04	10.80	0.00
27.05	11.04	10.80	0.00	29.65	11.04	10.80	0.00
27.10	11.04	10.80	0.00	29.70	11.04	10.80	0.00
27.15	11.04	10.80	0.00	29.75	11.04	10.80	0.00
27.20	11.04	10.80	0.00	29.80	11.04	10.80	0.00
27.25	11.04	10.80	0.00	29.85	11.04	10.80	0.00
27.30	11.04	10.80	0.00	29.90	11.04	10.80	0.00
27.35	11.04	10.80	0.00	29.95	11.04	10.80	0.00
27.40	11.04	10.80	0.00	30.00	11.04	10.80	0.00
27.45	11.04	10.80	0.00	30.05	11.04	10.80	0.00
27.50	11.04	10.80	0.00	30.10	11.04	10.80	0.00
27.55	11.04	10.80	0.00	30.15	11.04	10.80	0.00
27.60	11.04	10.80	0.00	30.20	11.04	10.80	0.00
27.65	11.04	10.80	0.00	30.25	11.04	10.80	0.00
27.70	11.04	10.80	0.00	30.30	11.04	10.80	0.00
27.75	11.04	10.80	0.00	30.35	11.04	10.80	0.00
27.80	11.04	10.80	0.00	30.40	11.04	10.80	0.00
27.85	11.04	10.80	0.00	30.45	11.04	10.80	0.00
27.90	11.04	10.80	0.00	30.50	11.04	10.80	0.00
27.95	11.04	10.80	0.00	30.55	11.04	10.80	0.00
28.00	11.04	10.80	0.00	30.60	11.04	10.80	0.00
28.05	11.04	10.80	0.00	30.65	11.04	10.80	0.00
28.10	11.04	10.80	0.00	30.70	11.04	10.80	0.00
28.15	11.04	10.80	0.00	30.75	11.04	10.80	0.00
28.20	11.04	10.80	0.00	30.80	11.04	10.80	0.00
28.25	11.04	10.80	0.00	30.85	11.04	10.80	0.00
28.30	11.04	10.80	0.00	30.90	11.04	10.80	0.00
28.35	11.04	10.80	0.00	30.95	11.04	10.80	0.00
28.40	11.04	10.80	0.00	31.00	11.04	10.80	0.00
28.45	11.04	10.80	0.00	31.05	11.04	10.80	0.00
28.50	11.04	10.80	0.00	31.10	11.04	10.80	0.00
28.55	11.04	10.80	0.00	31.15	11.04	10.80	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	10.80	0.00	33.80	11.04	10.80	0.00
31.25	11.04	10.80	0.00	33.85	11.04	10.80	0.00
31.30	11.04	10.80	0.00	33.90	11.04	10.80	0.00
31.35	11.04	10.80	0.00	33.95	11.04	10.80	0.00
31.40	11.04	10.80	0.00	34.00	11.04	10.80	0.00
31.45	11.04	10.80	0.00	34.05	11.04	10.80	0.00
31.50	11.04	10.80	0.00	34.10	11.04	10.80	0.00
31.55	11.04	10.80	0.00	34.15	11.04	10.80	0.00
31.60	11.04	10.80	0.00	34.20	11.04	10.80	0.00
31.65	11.04	10.80	0.00	34.25	11.04	10.80	0.00
31.70	11.04	10.80	0.00	34.30	11.04	10.80	0.00
31.75	11.04	10.80	0.00	34.35	11.04	10.80	0.00
31.80	11.04	10.80	0.00	34.40	11.04	10.80	0.00
31.85	11.04	10.80	0.00	34.45	11.04	10.80	0.00
31.90	11.04	10.80	0.00	34.50	11.04	10.80	0.00
31.95	11.04	10.80	0.00	34.55	11.04	10.80	0.00
32.00	11.04	10.80	0.00	34.60	11.04	10.80	0.00
32.05	11.04	10.80	0.00	34.65	11.04	10.80	0.00
32.10	11.04	10.80	0.00	34.70	11.04	10.80	0.00
32.15	11.04	10.80	0.00	34.75	11.04	10.80	0.00
32.20	11.04	10.80	0.00	34.80	11.04	10.80	0.00
32.25	11.04	10.80	0.00	34.85	11.04	10.80	0.00
32.30	11.04	10.80	0.00	34.90	11.04	10.80	0.00
32.35	11.04	10.80	0.00	34.95	11.04	10.80	0.00
32.40	11.04	10.80	0.00	35.00	11.04	10.80	0.00
32.45	11.04	10.80	0.00	35.05	11.04	10.80	0.00
32.50	11.04	10.80	0.00	35.10	11.04	10.80	0.00
32.55	11.04	10.80	0.00	35.15	11.04	10.80	0.00
32.60	11.04	10.80	0.00	35.20	11.04	10.80	0.00
32.65	11.04	10.80	0.00	35.25	11.04	10.80	0.00
32.70	11.04	10.80	0.00	35.30	11.04	10.80	0.00
32.75	11.04	10.80	0.00	35.35	11.04	10.80	0.00
32.80	11.04	10.80	0.00	35.40	11.04	10.80	0.00
32.85	11.04	10.80	0.00	35.45	11.04	10.80	0.00
32.90	11.04	10.80	0.00	35.50	11.04	10.80	0.00
32.95	11.04	10.80	0.00	35.55	11.04	10.80	0.00
33.00	11.04	10.80	0.00	35.60	11.04	10.80	0.00
33.05	11.04	10.80	0.00	35.65	11.04	10.80	0.00
33.10	11.04	10.80	0.00	35.70	11.04	10.80	0.00
33.15	11.04	10.80	0.00	35.75	11.04	10.80	0.00
33.20	11.04	10.80	0.00	35.80	11.04	10.80	0.00
33.25	11.04	10.80	0.00	35.85	11.04	10.80	0.00
33.30	11.04	10.80	0.00	35.90	11.04	10.80	0.00
33.35	11.04	10.80	0.00	35.95	11.04	10.80	0.00
33.40	11.04	10.80	0.00	36.00	11.04	10.80	0.00
33.45	11.04	10.80	0.00	36.05	11.04	10.80	0.00
33.50	11.04	10.80	0.00	36.10	11.04	10.80	0.00
33.55	11.04	10.80	0.00	36.15	11.04	10.80	0.00
33.60	11.04	10.80	0.00	36.20	11.04	10.80	0.00
33.65	11.04	10.80	0.00	36.25	11.04	10.80	0.00
33.70	11.04	10.80	0.00	36.30	11.04	10.80	0.00
33.75	11.04	10.80	0.00	36.35	11.04	10.80	0.00

Hydrograph for Subcatchment 47I: PDA-47 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	10.80	0.00	39.00	11.04	10.80	0.00
36.45	11.04	10.80	0.00	39.05	11.04	10.80	0.00
36.50	11.04	10.80	0.00	39.10	11.04	10.80	0.00
36.55	11.04	10.80	0.00	39.15	11.04	10.80	0.00
36.60	11.04	10.80	0.00	39.20	11.04	10.80	0.00
36.65	11.04	10.80	0.00	39.25	11.04	10.80	0.00
36.70	11.04	10.80	0.00	39.30	11.04	10.80	0.00
36.75	11.04	10.80	0.00	39.35	11.04	10.80	0.00
36.80	11.04	10.80	0.00	39.40	11.04	10.80	0.00
36.85	11.04	10.80	0.00	39.45	11.04	10.80	0.00
36.90	11.04	10.80	0.00	39.50	11.04	10.80	0.00
36.95	11.04	10.80	0.00	39.55	11.04	10.80	0.00
37.00	11.04	10.80	0.00	39.60	11.04	10.80	0.00
37.05	11.04	10.80	0.00	39.65	11.04	10.80	0.00
37.10	11.04	10.80	0.00	39.70	11.04	10.80	0.00
37.15	11.04	10.80	0.00	39.75	11.04	10.80	0.00
37.20	11.04	10.80	0.00	39.80	11.04	10.80	0.00
37.25	11.04	10.80	0.00	39.85	11.04	10.80	0.00
37.30	11.04	10.80	0.00	39.90	11.04	10.80	0.00
37.35	11.04	10.80	0.00	39.95	11.04	10.80	0.00
37.40	11.04	10.80	0.00	40.00	11.04	10.80	0.00
37.45	11.04	10.80	0.00				
37.50	11.04	10.80	0.00				
37.55	11.04	10.80	0.00				
37.60	11.04	10.80	0.00				
37.65	11.04	10.80	0.00				
37.70	11.04	10.80	0.00				
37.75	11.04	10.80	0.00				
37.80	11.04	10.80	0.00				
37.85	11.04	10.80	0.00				
37.90	11.04	10.80	0.00				
37.95	11.04	10.80	0.00				
38.00	11.04	10.80	0.00				
38.05	11.04	10.80	0.00				
38.10	11.04	10.80	0.00				
38.15	11.04	10.80	0.00				
38.20	11.04	10.80	0.00				
38.25	11.04	10.80	0.00				
38.30	11.04	10.80	0.00				
38.35	11.04	10.80	0.00				
38.40	11.04	10.80	0.00				
38.45	11.04	10.80	0.00				
38.50	11.04	10.80	0.00				
38.55	11.04	10.80	0.00				
38.60	11.04	10.80	0.00				
38.65	11.04	10.80	0.00				
38.70	11.04	10.80	0.00				
38.75	11.04	10.80	0.00				
38.80	11.04	10.80	0.00				
38.85	11.04	10.80	0.00				
38.90	11.04	10.80	0.00				
38.95	11.04	10.80	0.00				

Summary for Subcatchment 47P: PDA-47 (pervious)

Runoff = 11.58 cfs @ 12.26 hrs, Volume= 1.087 af, Depth= 7.72"
 Routed to Pond B-47 : Basin #47

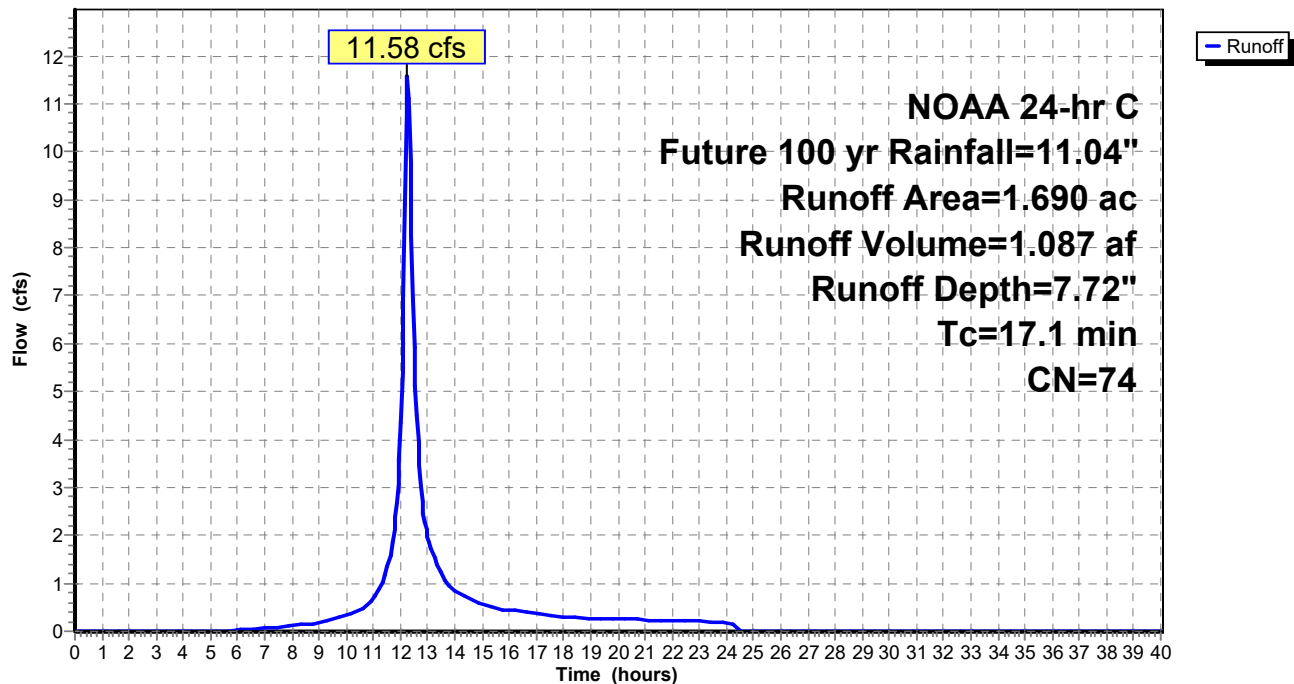
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
1.690	74	>75% Grass cover, Good, HSG C
1.690		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
17.1					Direct Entry,

Subcatchment 47P: PDA-47 (pervious)

Hydrograph



Hydrograph for Subcatchment 47P: PDA-47 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.08	0.10
5.25	0.74	0.00	0.00	7.85	1.28	0.08	0.10
5.30	0.75	0.00	0.00	7.90	1.30	0.09	0.10
5.35	0.76	0.00	0.00	7.95	1.31	0.09	0.11
5.40	0.77	0.00	0.00	8.00	1.32	0.09	0.11
5.45	0.78	0.00	0.01	8.05	1.34	0.10	0.11
5.50	0.79	0.00	0.01	8.10	1.35	0.10	0.12
5.55	0.80	0.00	0.01	8.15	1.36	0.10	0.12
5.60	0.80	0.00	0.01	8.20	1.38	0.11	0.12
5.65	0.81	0.00	0.01	8.25	1.39	0.11	0.13
5.70	0.82	0.00	0.01	8.30	1.40	0.12	0.13
5.75	0.83	0.00	0.01	8.35	1.42	0.12	0.13
5.80	0.84	0.01	0.01	8.40	1.43	0.13	0.14
5.85	0.85	0.01	0.02	8.45	1.45	0.13	0.14
5.90	0.86	0.01	0.02	8.50	1.46	0.13	0.14
5.95	0.87	0.01	0.02	8.55	1.48	0.14	0.15
6.00	0.87	0.01	0.02	8.60	1.49	0.14	0.15
6.05	0.88	0.01	0.02	8.65	1.51	0.15	0.15
6.10	0.89	0.01	0.02	8.70	1.52	0.15	0.16
6.15	0.90	0.01	0.02	8.75	1.54	0.16	0.16
6.20	0.91	0.01	0.03	8.80	1.55	0.16	0.16
6.25	0.92	0.01	0.03	8.85	1.57	0.17	0.17
6.30	0.93	0.01	0.03	8.90	1.58	0.18	0.17
6.35	0.94	0.02	0.03	8.95	1.60	0.18	0.17
6.40	0.95	0.02	0.03	9.00	1.61	0.19	0.18
6.45	0.96	0.02	0.03	9.05	1.63	0.19	0.18
6.50	0.97	0.02	0.04	9.10	1.64	0.20	0.18
6.55	0.98	0.02	0.04	9.15	1.66	0.21	0.19
6.60	0.99	0.02	0.04	9.20	1.68	0.21	0.19
6.65	1.00	0.02	0.04	9.25	1.70	0.22	0.20
6.70	1.01	0.02	0.04	9.30	1.72	0.23	0.21
6.75	1.02	0.03	0.05	9.35	1.73	0.23	0.21
6.80	1.03	0.03	0.05	9.40	1.75	0.24	0.22
6.85	1.04	0.03	0.05	9.45	1.77	0.25	0.23
6.90	1.05	0.03	0.05	9.50	1.79	0.26	0.24
6.95	1.07	0.03	0.06	9.55	1.81	0.27	0.25
7.00	1.08	0.04	0.06	9.60	1.83	0.28	0.26
7.05	1.09	0.04	0.06	9.65	1.85	0.28	0.26
7.10	1.10	0.04	0.06	9.70	1.88	0.29	0.27
7.15	1.11	0.04	0.06	9.75	1.90	0.30	0.28
7.20	1.12	0.04	0.07	9.80	1.92	0.31	0.29
7.25	1.13	0.05	0.07	9.85	1.94	0.32	0.30
7.30	1.15	0.05	0.07	9.90	1.97	0.33	0.31
7.35	1.16	0.05	0.07	9.95	1.99	0.34	0.32
7.40	1.17	0.05	0.08	10.00	2.01	0.36	0.33
7.45	1.18	0.06	0.08	10.05	2.04	0.37	0.34
7.50	1.19	0.06	0.08	10.10	2.06	0.38	0.35
7.55	1.21	0.06	0.08	10.15	2.09	0.39	0.36
7.60	1.22	0.07	0.09	10.20	2.11	0.40	0.37
7.65	1.23	0.07	0.09	10.25	2.14	0.42	0.38
7.70	1.24	0.07	0.09	10.30	2.17	0.43	0.40
7.75	1.26	0.08	0.10	10.35	2.19	0.44	0.41

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.46	0.42	13.00	8.39	5.28	1.98
10.45	2.25	0.47	0.43	13.05	8.43	5.32	1.86
10.50	2.28	0.49	0.44	13.10	8.48	5.36	1.75
10.55	2.31	0.50	0.45	13.15	8.52	5.39	1.65
10.60	2.34	0.52	0.47	13.20	8.56	5.43	1.56
10.65	2.37	0.54	0.48	13.25	8.60	5.46	1.48
10.70	2.41	0.56	0.51	13.30	8.63	5.50	1.41
10.75	2.44	0.58	0.53	13.35	8.67	5.53	1.34
10.80	2.48	0.60	0.56	13.40	8.70	5.56	1.28
10.85	2.52	0.62	0.59	13.45	8.73	5.59	1.23
10.90	2.56	0.64	0.63	13.50	8.76	5.61	1.17
10.95	2.61	0.67	0.66	13.55	8.79	5.64	1.12
11.00	2.65	0.69	0.70	13.60	8.82	5.67	1.07
11.05	2.70	0.72	0.74	13.65	8.85	5.69	1.03
11.10	2.75	0.75	0.78	13.70	8.87	5.71	0.98
11.15	2.80	0.79	0.82	13.75	8.90	5.74	0.94
11.20	2.86	0.82	0.88	13.80	8.93	5.76	0.91
11.25	2.92	0.86	0.94	13.85	8.95	5.79	0.88
11.30	2.98	0.90	1.00	13.90	8.98	5.81	0.86
11.35	3.05	0.94	1.07	13.95	9.00	5.83	0.84
11.40	3.12	0.98	1.14	14.00	9.03	5.85	0.82
11.45	3.19	1.03	1.22	14.05	9.05	5.88	0.81
11.50	3.26	1.08	1.29	14.10	9.07	5.90	0.79
11.55	3.37	1.15	1.37	14.15	9.10	5.92	0.78
11.60	3.49	1.23	1.48	14.20	9.12	5.94	0.77
11.65	3.60	1.31	1.65	14.25	9.14	5.96	0.76
11.70	3.72	1.39	1.87	14.30	9.16	5.98	0.74
11.75	3.88	1.51	2.11	14.35	9.19	6.00	0.73
11.80	4.04	1.63	2.37	14.40	9.21	6.02	0.72
11.85	4.27	1.79	2.68	14.45	9.23	6.04	0.70
11.90	4.49	1.96	3.07	14.50	9.25	6.06	0.69
11.95	4.88	2.27	3.60	14.55	9.27	6.07	0.68
12.00	5.26	2.57	4.33	14.60	9.29	6.09	0.67
12.05	5.91	3.11	5.40	14.65	9.31	6.11	0.65
12.10	6.55	3.65	6.94	14.70	9.32	6.13	0.64
12.15	6.77	3.85	8.91	14.75	9.34	6.14	0.63
12.20	7.00	4.04	10.76	14.80	9.36	6.16	0.62
12.25	7.16	4.18	11.57	14.85	9.38	6.17	0.60
12.30	7.32	4.32	11.10	14.90	9.40	6.19	0.59
12.35	7.44	4.43	9.81	14.95	9.41	6.21	0.58
12.40	7.55	4.53	8.27	15.00	9.43	6.22	0.56
12.45	7.67	4.63	6.95	15.05	9.44	6.23	0.55
12.50	7.78	4.73	5.91	15.10	9.46	6.25	0.54
12.55	7.85	4.79	5.10	15.15	9.47	6.26	0.53
12.60	7.92	4.86	4.48	15.20	9.49	6.28	0.51
12.65	7.99	4.92	3.94	15.25	9.50	6.29	0.50
12.70	8.06	4.98	3.46	15.30	9.52	6.30	0.50
12.75	8.12	5.03	3.04	15.35	9.53	6.32	0.49
12.80	8.18	5.09	2.71	15.40	9.55	6.33	0.48
12.85	8.24	5.14	2.46	15.45	9.56	6.34	0.48
12.90	8.29	5.19	2.27	15.50	9.58	6.36	0.47
12.95	8.34	5.23	2.11	15.55	9.59	6.37	0.47

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	6.38	0.47	18.20	10.20	6.93	0.29
15.65	9.62	6.40	0.46	18.25	10.21	6.94	0.29
15.70	9.64	6.41	0.46	18.30	10.22	6.95	0.28
15.75	9.65	6.42	0.46	18.35	10.23	6.96	0.28
15.80	9.66	6.44	0.45	18.40	10.24	6.97	0.28
15.85	9.68	6.45	0.45	18.45	10.24	6.97	0.28
15.90	9.69	6.46	0.44	18.50	10.25	6.98	0.28
15.95	9.70	6.47	0.44	18.55	10.26	6.99	0.28
16.00	9.72	6.49	0.44	18.60	10.27	7.00	0.28
16.05	9.73	6.50	0.43	18.65	10.28	7.01	0.28
16.10	9.74	6.51	0.43	18.70	10.29	7.01	0.27
16.15	9.76	6.52	0.43	18.75	10.30	7.02	0.27
16.20	9.77	6.54	0.42	18.80	10.30	7.03	0.27
16.25	9.78	6.55	0.42	18.85	10.31	7.04	0.27
16.30	9.80	6.56	0.42	18.90	10.32	7.04	0.27
16.35	9.81	6.57	0.41	18.95	10.33	7.05	0.27
16.40	9.82	6.58	0.41	19.00	10.34	7.06	0.27
16.45	9.83	6.59	0.41	19.05	10.35	7.07	0.27
16.50	9.85	6.60	0.40	19.10	10.35	7.08	0.27
16.55	9.86	6.62	0.40	19.15	10.36	7.08	0.27
16.60	9.87	6.63	0.40	19.20	10.37	7.09	0.27
16.65	9.88	6.64	0.39	19.25	10.38	7.10	0.26
16.70	9.89	6.65	0.39	19.30	10.39	7.11	0.26
16.75	9.91	6.66	0.39	19.35	10.40	7.11	0.26
16.80	9.92	6.67	0.38	19.40	10.40	7.12	0.26
16.85	9.93	6.68	0.38	19.45	10.41	7.13	0.26
16.90	9.94	6.69	0.38	19.50	10.42	7.14	0.26
16.95	9.95	6.70	0.37	19.55	10.43	7.14	0.26
17.00	9.96	6.71	0.37	19.60	10.44	7.15	0.26
17.05	9.97	6.72	0.37	19.65	10.44	7.16	0.26
17.10	9.99	6.73	0.36	19.70	10.45	7.17	0.26
17.15	10.00	6.74	0.36	19.75	10.46	7.17	0.26
17.20	10.01	6.75	0.36	19.80	10.47	7.18	0.26
17.25	10.02	6.76	0.35	19.85	10.48	7.19	0.25
17.30	10.03	6.77	0.35	19.90	10.48	7.20	0.25
17.35	10.04	6.78	0.35	19.95	10.49	7.20	0.25
17.40	10.05	6.79	0.34	20.00	10.50	7.21	0.25
17.45	10.06	6.80	0.34	20.05	10.51	7.22	0.25
17.50	10.07	6.81	0.34	20.10	10.52	7.23	0.25
17.55	10.08	6.82	0.33	20.15	10.52	7.23	0.25
17.60	10.09	6.83	0.33	20.20	10.53	7.24	0.25
17.65	10.10	6.84	0.33	20.25	10.54	7.25	0.25
17.70	10.11	6.85	0.32	20.30	10.55	7.25	0.25
17.75	10.12	6.86	0.32	20.35	10.55	7.26	0.25
17.80	10.13	6.87	0.32	20.40	10.56	7.27	0.25
17.85	10.14	6.87	0.31	20.45	10.57	7.28	0.24
17.90	10.15	6.88	0.31	20.50	10.58	7.28	0.24
17.95	10.16	6.89	0.31	20.55	10.58	7.29	0.24
18.00	10.17	6.90	0.30	20.60	10.59	7.30	0.24
18.05	10.17	6.91	0.30	20.65	10.60	7.30	0.24
18.10	10.18	6.92	0.30	20.70	10.61	7.31	0.24
18.15	10.19	6.92	0.29	20.75	10.61	7.32	0.24

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	7.32	0.24	23.40	10.97	7.65	0.19
20.85	10.63	7.33	0.24	23.45	10.97	7.65	0.19
20.90	10.64	7.34	0.24	23.50	10.98	7.66	0.19
20.95	10.64	7.34	0.24	23.55	10.99	7.66	0.19
21.00	10.65	7.35	0.24	23.60	10.99	7.67	0.19
21.05	10.66	7.36	0.23	23.65	11.00	7.67	0.19
21.10	10.66	7.36	0.23	23.70	11.00	7.68	0.19
21.15	10.67	7.37	0.23	23.75	11.01	7.69	0.19
21.20	10.68	7.38	0.23	23.80	11.01	7.69	0.19
21.25	10.69	7.38	0.23	23.85	11.02	7.70	0.19
21.30	10.69	7.39	0.23	23.90	11.03	7.70	0.19
21.35	10.70	7.40	0.23	23.95	11.03	7.71	0.18
21.40	10.71	7.40	0.23	24.00	11.04	7.72	0.19
21.45	10.71	7.41	0.23	24.05	11.04	7.72	0.19
21.50	10.72	7.42	0.23	24.10	11.04	7.72	0.19
21.55	10.73	7.42	0.23	24.15	11.04	7.72	0.17
21.60	10.74	7.43	0.23	24.20	11.04	7.72	0.14
21.65	10.74	7.44	0.22	24.25	11.04	7.72	0.10
21.70	10.75	7.44	0.22	24.30	11.04	7.72	0.06
21.75	10.76	7.45	0.22	24.35	11.04	7.72	0.04
21.80	10.76	7.46	0.22	24.40	11.04	7.72	0.03
21.85	10.77	7.46	0.22	24.45	11.04	7.72	0.02
21.90	10.78	7.47	0.22	24.50	11.04	7.72	0.01
21.95	10.78	7.48	0.22	24.55	11.04	7.72	0.01
22.00	10.79	7.48	0.22	24.60	11.04	7.72	0.00
22.05	10.80	7.49	0.22	24.65	11.04	7.72	0.00
22.10	10.80	7.49	0.22	24.70	11.04	7.72	0.00
22.15	10.81	7.50	0.22	24.75	11.04	7.72	0.00
22.20	10.82	7.51	0.21	24.80	11.04	7.72	0.00
22.25	10.82	7.51	0.21	24.85	11.04	7.72	0.00
22.30	10.83	7.52	0.21	24.90	11.04	7.72	0.00
22.35	10.84	7.53	0.21	24.95	11.04	7.72	0.00
22.40	10.84	7.53	0.21	25.00	11.04	7.72	0.00
22.45	10.85	7.54	0.21	25.05	11.04	7.72	0.00
22.50	10.86	7.54	0.21	25.10	11.04	7.72	0.00
22.55	10.86	7.55	0.21	25.15	11.04	7.72	0.00
22.60	10.87	7.56	0.21	25.20	11.04	7.72	0.00
22.65	10.88	7.56	0.21	25.25	11.04	7.72	0.00
22.70	10.88	7.57	0.21	25.30	11.04	7.72	0.00
22.75	10.89	7.57	0.21	25.35	11.04	7.72	0.00
22.80	10.89	7.58	0.20	25.40	11.04	7.72	0.00
22.85	10.90	7.58	0.20	25.45	11.04	7.72	0.00
22.90	10.91	7.59	0.20	25.50	11.04	7.72	0.00
22.95	10.91	7.60	0.20	25.55	11.04	7.72	0.00
23.00	10.92	7.60	0.20	25.60	11.04	7.72	0.00
23.05	10.93	7.61	0.20	25.65	11.04	7.72	0.00
23.10	10.93	7.61	0.20	25.70	11.04	7.72	0.00
23.15	10.94	7.62	0.20	25.75	11.04	7.72	0.00
23.20	10.94	7.63	0.20	25.80	11.04	7.72	0.00
23.25	10.95	7.63	0.20	25.85	11.04	7.72	0.00
23.30	10.96	7.64	0.20	25.90	11.04	7.72	0.00
23.35	10.96	7.64	0.19	25.95	11.04	7.72	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	7.72	0.00	28.60	11.04	7.72	0.00
26.05	11.04	7.72	0.00	28.65	11.04	7.72	0.00
26.10	11.04	7.72	0.00	28.70	11.04	7.72	0.00
26.15	11.04	7.72	0.00	28.75	11.04	7.72	0.00
26.20	11.04	7.72	0.00	28.80	11.04	7.72	0.00
26.25	11.04	7.72	0.00	28.85	11.04	7.72	0.00
26.30	11.04	7.72	0.00	28.90	11.04	7.72	0.00
26.35	11.04	7.72	0.00	28.95	11.04	7.72	0.00
26.40	11.04	7.72	0.00	29.00	11.04	7.72	0.00
26.45	11.04	7.72	0.00	29.05	11.04	7.72	0.00
26.50	11.04	7.72	0.00	29.10	11.04	7.72	0.00
26.55	11.04	7.72	0.00	29.15	11.04	7.72	0.00
26.60	11.04	7.72	0.00	29.20	11.04	7.72	0.00
26.65	11.04	7.72	0.00	29.25	11.04	7.72	0.00
26.70	11.04	7.72	0.00	29.30	11.04	7.72	0.00
26.75	11.04	7.72	0.00	29.35	11.04	7.72	0.00
26.80	11.04	7.72	0.00	29.40	11.04	7.72	0.00
26.85	11.04	7.72	0.00	29.45	11.04	7.72	0.00
26.90	11.04	7.72	0.00	29.50	11.04	7.72	0.00
26.95	11.04	7.72	0.00	29.55	11.04	7.72	0.00
27.00	11.04	7.72	0.00	29.60	11.04	7.72	0.00
27.05	11.04	7.72	0.00	29.65	11.04	7.72	0.00
27.10	11.04	7.72	0.00	29.70	11.04	7.72	0.00
27.15	11.04	7.72	0.00	29.75	11.04	7.72	0.00
27.20	11.04	7.72	0.00	29.80	11.04	7.72	0.00
27.25	11.04	7.72	0.00	29.85	11.04	7.72	0.00
27.30	11.04	7.72	0.00	29.90	11.04	7.72	0.00
27.35	11.04	7.72	0.00	29.95	11.04	7.72	0.00
27.40	11.04	7.72	0.00	30.00	11.04	7.72	0.00
27.45	11.04	7.72	0.00	30.05	11.04	7.72	0.00
27.50	11.04	7.72	0.00	30.10	11.04	7.72	0.00
27.55	11.04	7.72	0.00	30.15	11.04	7.72	0.00
27.60	11.04	7.72	0.00	30.20	11.04	7.72	0.00
27.65	11.04	7.72	0.00	30.25	11.04	7.72	0.00
27.70	11.04	7.72	0.00	30.30	11.04	7.72	0.00
27.75	11.04	7.72	0.00	30.35	11.04	7.72	0.00
27.80	11.04	7.72	0.00	30.40	11.04	7.72	0.00
27.85	11.04	7.72	0.00	30.45	11.04	7.72	0.00
27.90	11.04	7.72	0.00	30.50	11.04	7.72	0.00
27.95	11.04	7.72	0.00	30.55	11.04	7.72	0.00
28.00	11.04	7.72	0.00	30.60	11.04	7.72	0.00
28.05	11.04	7.72	0.00	30.65	11.04	7.72	0.00
28.10	11.04	7.72	0.00	30.70	11.04	7.72	0.00
28.15	11.04	7.72	0.00	30.75	11.04	7.72	0.00
28.20	11.04	7.72	0.00	30.80	11.04	7.72	0.00
28.25	11.04	7.72	0.00	30.85	11.04	7.72	0.00
28.30	11.04	7.72	0.00	30.90	11.04	7.72	0.00
28.35	11.04	7.72	0.00	30.95	11.04	7.72	0.00
28.40	11.04	7.72	0.00	31.00	11.04	7.72	0.00
28.45	11.04	7.72	0.00	31.05	11.04	7.72	0.00
28.50	11.04	7.72	0.00	31.10	11.04	7.72	0.00
28.55	11.04	7.72	0.00	31.15	11.04	7.72	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	7.72	0.00	33.80	11.04	7.72	0.00
31.25	11.04	7.72	0.00	33.85	11.04	7.72	0.00
31.30	11.04	7.72	0.00	33.90	11.04	7.72	0.00
31.35	11.04	7.72	0.00	33.95	11.04	7.72	0.00
31.40	11.04	7.72	0.00	34.00	11.04	7.72	0.00
31.45	11.04	7.72	0.00	34.05	11.04	7.72	0.00
31.50	11.04	7.72	0.00	34.10	11.04	7.72	0.00
31.55	11.04	7.72	0.00	34.15	11.04	7.72	0.00
31.60	11.04	7.72	0.00	34.20	11.04	7.72	0.00
31.65	11.04	7.72	0.00	34.25	11.04	7.72	0.00
31.70	11.04	7.72	0.00	34.30	11.04	7.72	0.00
31.75	11.04	7.72	0.00	34.35	11.04	7.72	0.00
31.80	11.04	7.72	0.00	34.40	11.04	7.72	0.00
31.85	11.04	7.72	0.00	34.45	11.04	7.72	0.00
31.90	11.04	7.72	0.00	34.50	11.04	7.72	0.00
31.95	11.04	7.72	0.00	34.55	11.04	7.72	0.00
32.00	11.04	7.72	0.00	34.60	11.04	7.72	0.00
32.05	11.04	7.72	0.00	34.65	11.04	7.72	0.00
32.10	11.04	7.72	0.00	34.70	11.04	7.72	0.00
32.15	11.04	7.72	0.00	34.75	11.04	7.72	0.00
32.20	11.04	7.72	0.00	34.80	11.04	7.72	0.00
32.25	11.04	7.72	0.00	34.85	11.04	7.72	0.00
32.30	11.04	7.72	0.00	34.90	11.04	7.72	0.00
32.35	11.04	7.72	0.00	34.95	11.04	7.72	0.00
32.40	11.04	7.72	0.00	35.00	11.04	7.72	0.00
32.45	11.04	7.72	0.00	35.05	11.04	7.72	0.00
32.50	11.04	7.72	0.00	35.10	11.04	7.72	0.00
32.55	11.04	7.72	0.00	35.15	11.04	7.72	0.00
32.60	11.04	7.72	0.00	35.20	11.04	7.72	0.00
32.65	11.04	7.72	0.00	35.25	11.04	7.72	0.00
32.70	11.04	7.72	0.00	35.30	11.04	7.72	0.00
32.75	11.04	7.72	0.00	35.35	11.04	7.72	0.00
32.80	11.04	7.72	0.00	35.40	11.04	7.72	0.00
32.85	11.04	7.72	0.00	35.45	11.04	7.72	0.00
32.90	11.04	7.72	0.00	35.50	11.04	7.72	0.00
32.95	11.04	7.72	0.00	35.55	11.04	7.72	0.00
33.00	11.04	7.72	0.00	35.60	11.04	7.72	0.00
33.05	11.04	7.72	0.00	35.65	11.04	7.72	0.00
33.10	11.04	7.72	0.00	35.70	11.04	7.72	0.00
33.15	11.04	7.72	0.00	35.75	11.04	7.72	0.00
33.20	11.04	7.72	0.00	35.80	11.04	7.72	0.00
33.25	11.04	7.72	0.00	35.85	11.04	7.72	0.00
33.30	11.04	7.72	0.00	35.90	11.04	7.72	0.00
33.35	11.04	7.72	0.00	35.95	11.04	7.72	0.00
33.40	11.04	7.72	0.00	36.00	11.04	7.72	0.00
33.45	11.04	7.72	0.00	36.05	11.04	7.72	0.00
33.50	11.04	7.72	0.00	36.10	11.04	7.72	0.00
33.55	11.04	7.72	0.00	36.15	11.04	7.72	0.00
33.60	11.04	7.72	0.00	36.20	11.04	7.72	0.00
33.65	11.04	7.72	0.00	36.25	11.04	7.72	0.00
33.70	11.04	7.72	0.00	36.30	11.04	7.72	0.00
33.75	11.04	7.72	0.00	36.35	11.04	7.72	0.00

Hydrograph for Subcatchment 47P: PDA-47 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	7.72	0.00	39.00	11.04	7.72	0.00
36.45	11.04	7.72	0.00	39.05	11.04	7.72	0.00
36.50	11.04	7.72	0.00	39.10	11.04	7.72	0.00
36.55	11.04	7.72	0.00	39.15	11.04	7.72	0.00
36.60	11.04	7.72	0.00	39.20	11.04	7.72	0.00
36.65	11.04	7.72	0.00	39.25	11.04	7.72	0.00
36.70	11.04	7.72	0.00	39.30	11.04	7.72	0.00
36.75	11.04	7.72	0.00	39.35	11.04	7.72	0.00
36.80	11.04	7.72	0.00	39.40	11.04	7.72	0.00
36.85	11.04	7.72	0.00	39.45	11.04	7.72	0.00
36.90	11.04	7.72	0.00	39.50	11.04	7.72	0.00
36.95	11.04	7.72	0.00	39.55	11.04	7.72	0.00
37.00	11.04	7.72	0.00	39.60	11.04	7.72	0.00
37.05	11.04	7.72	0.00	39.65	11.04	7.72	0.00
37.10	11.04	7.72	0.00	39.70	11.04	7.72	0.00
37.15	11.04	7.72	0.00	39.75	11.04	7.72	0.00
37.20	11.04	7.72	0.00	39.80	11.04	7.72	0.00
37.25	11.04	7.72	0.00	39.85	11.04	7.72	0.00
37.30	11.04	7.72	0.00	39.90	11.04	7.72	0.00
37.35	11.04	7.72	0.00	39.95	11.04	7.72	0.00
37.40	11.04	7.72	0.00	40.00	11.04	7.72	0.00
37.45	11.04	7.72	0.00				
37.50	11.04	7.72	0.00				
37.55	11.04	7.72	0.00				
37.60	11.04	7.72	0.00				
37.65	11.04	7.72	0.00				
37.70	11.04	7.72	0.00				
37.75	11.04	7.72	0.00				
37.80	11.04	7.72	0.00				
37.85	11.04	7.72	0.00				
37.90	11.04	7.72	0.00				
37.95	11.04	7.72	0.00				
38.00	11.04	7.72	0.00				
38.05	11.04	7.72	0.00				
38.10	11.04	7.72	0.00				
38.15	11.04	7.72	0.00				
38.20	11.04	7.72	0.00				
38.25	11.04	7.72	0.00				
38.30	11.04	7.72	0.00				
38.35	11.04	7.72	0.00				
38.40	11.04	7.72	0.00				
38.45	11.04	7.72	0.00				
38.50	11.04	7.72	0.00				
38.55	11.04	7.72	0.00				
38.60	11.04	7.72	0.00				
38.65	11.04	7.72	0.00				
38.70	11.04	7.72	0.00				
38.75	11.04	7.72	0.00				
38.80	11.04	7.72	0.00				
38.85	11.04	7.72	0.00				
38.90	11.04	7.72	0.00				
38.95	11.04	7.72	0.00				

Summary for Subcatchment UPDA-4: PDA-4 (undetained)

Runoff = 33.39 cfs @ 12.68 hrs, Volume= 5.292 af, Depth= 5.47"

Routed to Link PDA-4 : Proposed Drainage Area #4

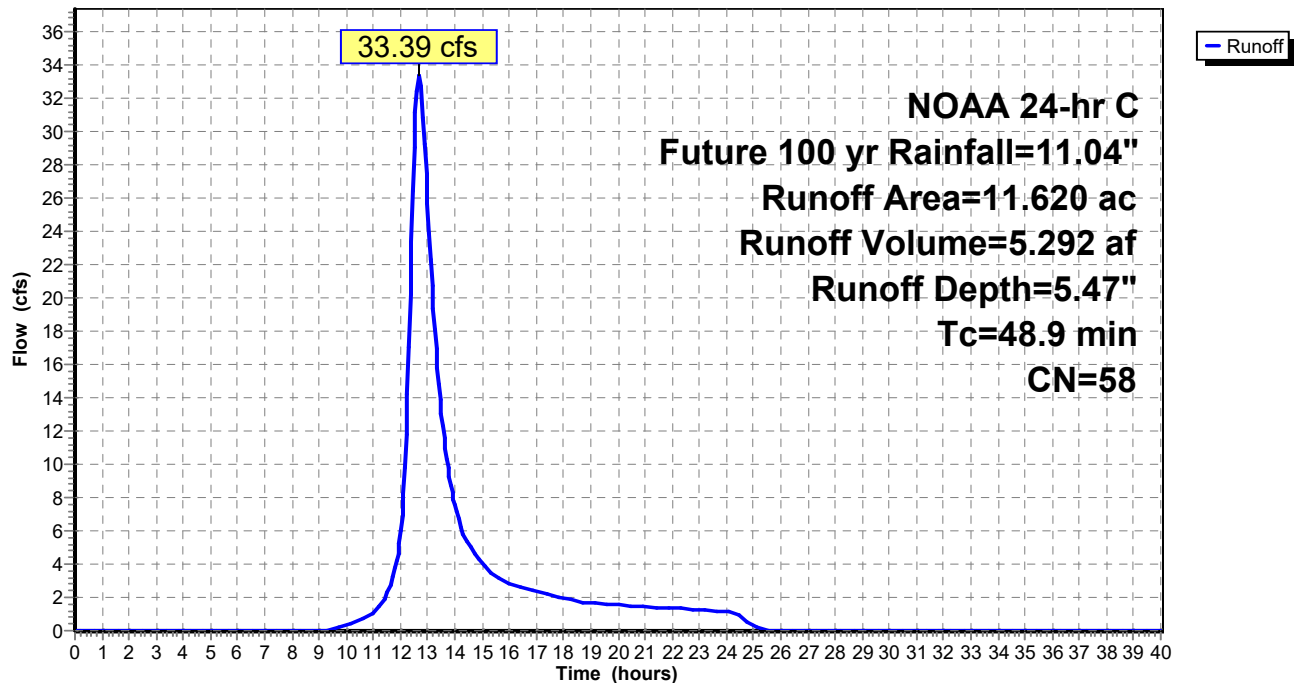
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Future 100 yr Rainfall=11.04"

Area (ac)	CN	Description
9.300	55	Woods, Good, HSG B
1.740	70	Woods, Good, HSG C
0.580	77	Woods, Good, HSG D
11.620	58	Weighted Average
11.620		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
48.9					Direct Entry,

Subcatchment UPDA-4: PDA-4 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.33	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.34	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.35	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.35	0.00	0.00
0.20	0.03	0.00	0.00	2.80	0.36	0.00	0.00
0.25	0.03	0.00	0.00	2.85	0.37	0.00	0.00
0.30	0.04	0.00	0.00	2.90	0.38	0.00	0.00
0.35	0.04	0.00	0.00	2.95	0.38	0.00	0.00
0.40	0.05	0.00	0.00	3.00	0.39	0.00	0.00
0.45	0.05	0.00	0.00	3.05	0.40	0.00	0.00
0.50	0.06	0.00	0.00	3.10	0.40	0.00	0.00
0.55	0.07	0.00	0.00	3.15	0.41	0.00	0.00
0.60	0.07	0.00	0.00	3.20	0.42	0.00	0.00
0.65	0.08	0.00	0.00	3.25	0.43	0.00	0.00
0.70	0.08	0.00	0.00	3.30	0.43	0.00	0.00
0.75	0.09	0.00	0.00	3.35	0.44	0.00	0.00
0.80	0.10	0.00	0.00	3.40	0.45	0.00	0.00
0.85	0.10	0.00	0.00	3.45	0.46	0.00	0.00
0.90	0.11	0.00	0.00	3.50	0.46	0.00	0.00
0.95	0.11	0.00	0.00	3.55	0.47	0.00	0.00
1.00	0.12	0.00	0.00	3.60	0.48	0.00	0.00
1.05	0.13	0.00	0.00	3.65	0.49	0.00	0.00
1.10	0.13	0.00	0.00	3.70	0.49	0.00	0.00
1.15	0.14	0.00	0.00	3.75	0.50	0.00	0.00
1.20	0.15	0.00	0.00	3.80	0.51	0.00	0.00
1.25	0.15	0.00	0.00	3.85	0.52	0.00	0.00
1.30	0.16	0.00	0.00	3.90	0.52	0.00	0.00
1.35	0.16	0.00	0.00	3.95	0.53	0.00	0.00
1.40	0.17	0.00	0.00	4.00	0.54	0.00	0.00
1.45	0.18	0.00	0.00	4.05	0.55	0.00	0.00
1.50	0.18	0.00	0.00	4.10	0.56	0.00	0.00
1.55	0.19	0.00	0.00	4.15	0.56	0.00	0.00
1.60	0.20	0.00	0.00	4.20	0.57	0.00	0.00
1.65	0.20	0.00	0.00	4.25	0.58	0.00	0.00
1.70	0.21	0.00	0.00	4.30	0.59	0.00	0.00
1.75	0.22	0.00	0.00	4.35	0.60	0.00	0.00
1.80	0.22	0.00	0.00	4.40	0.60	0.00	0.00
1.85	0.23	0.00	0.00	4.45	0.61	0.00	0.00
1.90	0.24	0.00	0.00	4.50	0.62	0.00	0.00
1.95	0.24	0.00	0.00	4.55	0.63	0.00	0.00
2.00	0.25	0.00	0.00	4.60	0.64	0.00	0.00
2.05	0.26	0.00	0.00	4.65	0.64	0.00	0.00
2.10	0.26	0.00	0.00	4.70	0.65	0.00	0.00
2.15	0.27	0.00	0.00	4.75	0.66	0.00	0.00
2.20	0.28	0.00	0.00	4.80	0.67	0.00	0.00
2.25	0.28	0.00	0.00	4.85	0.68	0.00	0.00
2.30	0.29	0.00	0.00	4.90	0.69	0.00	0.00
2.35	0.30	0.00	0.00	4.95	0.69	0.00	0.00
2.40	0.30	0.00	0.00	5.00	0.70	0.00	0.00
2.45	0.31	0.00	0.00	5.05	0.71	0.00	0.00
2.50	0.32	0.00	0.00	5.10	0.72	0.00	0.00
2.55	0.33	0.00	0.00	5.15	0.73	0.00	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.74	0.00	0.00	7.80	1.27	0.00	0.00
5.25	0.74	0.00	0.00	7.85	1.28	0.00	0.00
5.30	0.75	0.00	0.00	7.90	1.30	0.00	0.00
5.35	0.76	0.00	0.00	7.95	1.31	0.00	0.00
5.40	0.77	0.00	0.00	8.00	1.32	0.00	0.00
5.45	0.78	0.00	0.00	8.05	1.34	0.00	0.00
5.50	0.79	0.00	0.00	8.10	1.35	0.00	0.00
5.55	0.80	0.00	0.00	8.15	1.36	0.00	0.00
5.60	0.80	0.00	0.00	8.20	1.38	0.00	0.00
5.65	0.81	0.00	0.00	8.25	1.39	0.00	0.00
5.70	0.82	0.00	0.00	8.30	1.40	0.00	0.00
5.75	0.83	0.00	0.00	8.35	1.42	0.00	0.00
5.80	0.84	0.00	0.00	8.40	1.43	0.00	0.00
5.85	0.85	0.00	0.00	8.45	1.45	0.00	0.00
5.90	0.86	0.00	0.00	8.50	1.46	0.00	0.00
5.95	0.87	0.00	0.00	8.55	1.48	0.00	0.00
6.00	0.87	0.00	0.00	8.60	1.49	0.00	0.00
6.05	0.88	0.00	0.00	8.65	1.51	0.00	0.00
6.10	0.89	0.00	0.00	8.70	1.52	0.00	0.00
6.15	0.90	0.00	0.00	8.75	1.54	0.00	0.00
6.20	0.91	0.00	0.00	8.80	1.55	0.00	0.00
6.25	0.92	0.00	0.00	8.85	1.57	0.00	0.00
6.30	0.93	0.00	0.00	8.90	1.58	0.00	0.01
6.35	0.94	0.00	0.00	8.95	1.60	0.00	0.01
6.40	0.95	0.00	0.00	9.00	1.61	0.00	0.01
6.45	0.96	0.00	0.00	9.05	1.63	0.00	0.02
6.50	0.97	0.00	0.00	9.10	1.64	0.01	0.02
6.55	0.98	0.00	0.00	9.15	1.66	0.01	0.03
6.60	0.99	0.00	0.00	9.20	1.68	0.01	0.04
6.65	1.00	0.00	0.00	9.25	1.70	0.01	0.05
6.70	1.01	0.00	0.00	9.30	1.72	0.01	0.06
6.75	1.02	0.00	0.00	9.35	1.73	0.01	0.07
6.80	1.03	0.00	0.00	9.40	1.75	0.01	0.08
6.85	1.04	0.00	0.00	9.45	1.77	0.01	0.09
6.90	1.05	0.00	0.00	9.50	1.79	0.02	0.11
6.95	1.07	0.00	0.00	9.55	1.81	0.02	0.12
7.00	1.08	0.00	0.00	9.60	1.83	0.02	0.14
7.05	1.09	0.00	0.00	9.65	1.85	0.02	0.15
7.10	1.10	0.00	0.00	9.70	1.88	0.02	0.17
7.15	1.11	0.00	0.00	9.75	1.90	0.03	0.19
7.20	1.12	0.00	0.00	9.80	1.92	0.03	0.21
7.25	1.13	0.00	0.00	9.85	1.94	0.03	0.23
7.30	1.15	0.00	0.00	9.90	1.97	0.03	0.25
7.35	1.16	0.00	0.00	9.95	1.99	0.04	0.28
7.40	1.17	0.00	0.00	10.00	2.01	0.04	0.30
7.45	1.18	0.00	0.00	10.05	2.04	0.04	0.33
7.50	1.19	0.00	0.00	10.10	2.06	0.05	0.35
7.55	1.21	0.00	0.00	10.15	2.09	0.05	0.38
7.60	1.22	0.00	0.00	10.20	2.11	0.06	0.41
7.65	1.23	0.00	0.00	10.25	2.14	0.06	0.44
7.70	1.24	0.00	0.00	10.30	2.17	0.06	0.48
7.75	1.26	0.00	0.00	10.35	2.19	0.07	0.51

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	2.22	0.07	0.54	13.00	8.39	3.40	25.69
10.45	2.25	0.08	0.58	13.05	8.43	3.43	23.92
10.50	2.28	0.08	0.62	13.10	8.48	3.46	22.29
10.55	2.31	0.09	0.65	13.15	8.52	3.49	20.77
10.60	2.34	0.10	0.69	13.20	8.56	3.52	19.40
10.65	2.37	0.10	0.73	13.25	8.60	3.55	18.12
10.70	2.41	0.11	0.78	13.30	8.63	3.58	16.94
10.75	2.44	0.12	0.82	13.35	8.67	3.60	15.84
10.80	2.48	0.13	0.87	13.40	8.70	3.63	14.84
10.85	2.52	0.14	0.92	13.45	8.73	3.65	13.92
10.90	2.56	0.15	0.98	13.50	8.76	3.68	13.08
10.95	2.61	0.16	1.04	13.55	8.79	3.70	12.32
11.00	2.65	0.17	1.11	13.60	8.82	3.72	11.60
11.05	2.70	0.18	1.18	13.65	8.85	3.74	10.95
11.10	2.75	0.20	1.26	13.70	8.87	3.76	10.33
11.15	2.80	0.21	1.35	13.75	8.90	3.78	9.78
11.20	2.86	0.23	1.45	13.80	8.93	3.80	9.25
11.25	2.92	0.25	1.55	13.85	8.95	3.82	8.78
11.30	2.98	0.27	1.67	13.90	8.98	3.84	8.33
11.35	3.05	0.29	1.80	13.95	9.00	3.86	7.92
11.40	3.12	0.31	1.94	14.00	9.03	3.88	7.54
11.45	3.19	0.34	2.09	14.05	9.05	3.89	7.20
11.50	3.26	0.36	2.26	14.10	9.07	3.91	6.88
11.55	3.37	0.40	2.45	14.15	9.10	3.93	6.59
11.60	3.49	0.45	2.65	14.20	9.12	3.95	6.32
11.65	3.60	0.49	2.88	14.25	9.14	3.96	6.08
11.70	3.72	0.54	3.14	14.30	9.16	3.98	5.87
11.75	3.88	0.61	3.44	14.35	9.19	4.00	5.66
11.80	4.04	0.68	3.78	14.40	9.21	4.01	5.49
11.85	4.27	0.79	4.19	14.45	9.23	4.03	5.32
11.90	4.49	0.90	4.68	14.50	9.25	4.04	5.17
11.95	4.88	1.10	5.28	14.55	9.27	4.06	5.02
12.00	5.26	1.32	6.02	14.60	9.29	4.07	4.89
12.05	5.91	1.70	6.95	14.65	9.31	4.09	4.76
12.10	6.55	2.11	8.18	14.70	9.32	4.10	4.64
12.15	6.77	2.26	9.80	14.75	9.34	4.12	4.52
12.20	7.00	2.41	11.83	14.80	9.36	4.13	4.41
12.25	7.16	2.52	14.27	14.85	9.38	4.14	4.31
12.30	7.32	2.63	17.10	14.90	9.40	4.16	4.22
12.35	7.44	2.71	20.21	14.95	9.41	4.17	4.13
12.40	7.55	2.79	23.42	15.00	9.43	4.18	4.04
12.45	7.67	2.87	26.44	15.05	9.44	4.20	3.96
12.50	7.78	2.95	29.06	15.10	9.46	4.21	3.87
12.55	7.85	3.00	31.14	15.15	9.47	4.22	3.80
12.60	7.92	3.06	32.49	15.20	9.49	4.23	3.72
12.65	7.99	3.10	33.29	15.25	9.50	4.24	3.64
12.70	8.06	3.15	33.36	15.30	9.52	4.25	3.56
12.75	8.12	3.20	32.97	15.35	9.53	4.27	3.49
12.80	8.18	3.24	32.09	15.40	9.55	4.28	3.42
12.85	8.24	3.28	30.83	15.45	9.56	4.29	3.35
12.90	8.29	3.32	29.26	15.50	9.58	4.30	3.28
12.95	8.34	3.36	27.48	15.55	9.59	4.31	3.22

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	9.61	4.32	3.16	18.20	10.20	4.79	1.90
15.65	9.62	4.33	3.10	18.25	10.21	4.80	1.87
15.70	9.64	4.34	3.05	18.30	10.22	4.80	1.86
15.75	9.65	4.36	3.00	18.35	10.23	4.81	1.84
15.80	9.66	4.37	2.96	18.40	10.24	4.82	1.82
15.85	9.68	4.38	2.92	18.45	10.24	4.82	1.80
15.90	9.69	4.39	2.88	18.50	10.25	4.83	1.78
15.95	9.70	4.40	2.85	18.55	10.26	4.84	1.77
16.00	9.72	4.41	2.82	18.60	10.27	4.84	1.75
16.05	9.73	4.42	2.79	18.65	10.28	4.85	1.74
16.10	9.74	4.43	2.76	18.70	10.29	4.86	1.72
16.15	9.76	4.44	2.73	18.75	10.30	4.87	1.71
16.20	9.77	4.45	2.70	18.80	10.30	4.87	1.70
16.25	9.78	4.46	2.68	18.85	10.31	4.88	1.69
16.30	9.80	4.47	2.65	18.90	10.32	4.89	1.68
16.35	9.81	4.48	2.63	18.95	10.33	4.89	1.67
16.40	9.82	4.49	2.61	19.00	10.34	4.90	1.66
16.45	9.83	4.50	2.59	19.05	10.35	4.91	1.65
16.50	9.85	4.51	2.57	19.10	10.35	4.91	1.64
16.55	9.86	4.52	2.55	19.15	10.36	4.92	1.64
16.60	9.87	4.53	2.52	19.20	10.37	4.93	1.63
16.65	9.88	4.54	2.50	19.25	10.38	4.93	1.62
16.70	9.89	4.55	2.48	19.30	10.39	4.94	1.62
16.75	9.91	4.56	2.46	19.35	10.40	4.95	1.61
16.80	9.92	4.57	2.44	19.40	10.40	4.95	1.61
16.85	9.93	4.57	2.42	19.45	10.41	4.96	1.60
16.90	9.94	4.58	2.40	19.50	10.42	4.96	1.59
16.95	9.95	4.59	2.38	19.55	10.43	4.97	1.59
17.00	9.96	4.60	2.36	19.60	10.44	4.98	1.58
17.05	9.97	4.61	2.34	19.65	10.44	4.98	1.58
17.10	9.99	4.62	2.32	19.70	10.45	4.99	1.57
17.15	10.00	4.63	2.30	19.75	10.46	5.00	1.57
17.20	10.01	4.64	2.28	19.80	10.47	5.00	1.56
17.25	10.02	4.64	2.26	19.85	10.48	5.01	1.56
17.30	10.03	4.65	2.24	19.90	10.48	5.02	1.55
17.35	10.04	4.66	2.23	19.95	10.49	5.02	1.55
17.40	10.05	4.67	2.21	20.00	10.50	5.03	1.54
17.45	10.06	4.68	2.19	20.05	10.51	5.03	1.54
17.50	10.07	4.69	2.17	20.10	10.52	5.04	1.53
17.55	10.08	4.69	2.15	20.15	10.52	5.05	1.53
17.60	10.09	4.70	2.13	20.20	10.53	5.05	1.52
17.65	10.10	4.71	2.11	20.25	10.54	5.06	1.52
17.70	10.11	4.72	2.09	20.30	10.55	5.07	1.51
17.75	10.12	4.72	2.07	20.35	10.55	5.07	1.51
17.80	10.13	4.73	2.05	20.40	10.56	5.08	1.50
17.85	10.14	4.74	2.03	20.45	10.57	5.08	1.50
17.90	10.15	4.75	2.01	20.50	10.58	5.09	1.50
17.95	10.16	4.75	1.99	20.55	10.58	5.10	1.49
18.00	10.17	4.76	1.97	20.60	10.59	5.10	1.49
18.05	10.17	4.77	1.95	20.65	10.60	5.11	1.48
18.10	10.18	4.78	1.93	20.70	10.61	5.11	1.48
18.15	10.19	4.78	1.91	20.75	10.61	5.12	1.47

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	10.62	5.13	1.47	23.40	10.97	5.41	1.21
20.85	10.63	5.13	1.46	23.45	10.97	5.41	1.20
20.90	10.64	5.14	1.46	23.50	10.98	5.42	1.20
20.95	10.64	5.14	1.45	23.55	10.99	5.42	1.19
21.00	10.65	5.15	1.45	23.60	10.99	5.43	1.19
21.05	10.66	5.16	1.44	23.65	11.00	5.43	1.19
21.10	10.66	5.16	1.44	23.70	11.00	5.44	1.18
21.15	10.67	5.17	1.43	23.75	11.01	5.44	1.18
21.20	10.68	5.17	1.43	23.80	11.01	5.44	1.17
21.25	10.69	5.18	1.42	23.85	11.02	5.45	1.17
21.30	10.69	5.18	1.42	23.90	11.03	5.45	1.16
21.35	10.70	5.19	1.41	23.95	11.03	5.46	1.16
21.40	10.71	5.20	1.41	24.00	11.04	5.47	1.15
21.45	10.71	5.20	1.40	24.05	11.04	5.47	1.15
21.50	10.72	5.21	1.40	24.10	11.04	5.47	1.14
21.55	10.73	5.21	1.39	24.15	11.04	5.47	1.14
21.60	10.74	5.22	1.39	24.20	11.04	5.47	1.12
21.65	10.74	5.22	1.38	24.25	11.04	5.47	1.11
21.70	10.75	5.23	1.38	24.30	11.04	5.47	1.09
21.75	10.76	5.24	1.37	24.35	11.04	5.47	1.05
21.80	10.76	5.24	1.37	24.40	11.04	5.47	1.01
21.85	10.77	5.25	1.36	24.45	11.04	5.47	0.95
21.90	10.78	5.25	1.36	24.50	11.04	5.47	0.88
21.95	10.78	5.26	1.35	24.55	11.04	5.47	0.80
22.00	10.79	5.26	1.35	24.60	11.04	5.47	0.73
22.05	10.80	5.27	1.34	24.65	11.04	5.47	0.65
22.10	10.80	5.27	1.34	24.70	11.04	5.47	0.57
22.15	10.81	5.28	1.33	24.75	11.04	5.47	0.50
22.20	10.82	5.28	1.33	24.80	11.04	5.47	0.43
22.25	10.82	5.29	1.32	24.85	11.04	5.47	0.37
22.30	10.83	5.30	1.32	24.90	11.04	5.47	0.32
22.35	10.84	5.30	1.31	24.95	11.04	5.47	0.27
22.40	10.84	5.31	1.31	25.00	11.04	5.47	0.23
22.45	10.85	5.31	1.31	25.05	11.04	5.47	0.20
22.50	10.86	5.32	1.30	25.10	11.04	5.47	0.17
22.55	10.86	5.32	1.30	25.15	11.04	5.47	0.15
22.60	10.87	5.33	1.29	25.20	11.04	5.47	0.13
22.65	10.88	5.33	1.29	25.25	11.04	5.47	0.11
22.70	10.88	5.34	1.28	25.30	11.04	5.47	0.09
22.75	10.89	5.34	1.28	25.35	11.04	5.47	0.08
22.80	10.89	5.35	1.27	25.40	11.04	5.47	0.07
22.85	10.90	5.35	1.27	25.45	11.04	5.47	0.06
22.90	10.91	5.36	1.26	25.50	11.04	5.47	0.05
22.95	10.91	5.36	1.25	25.55	11.04	5.47	0.04
23.00	10.92	5.37	1.25	25.60	11.04	5.47	0.04
23.05	10.93	5.37	1.24	25.65	11.04	5.47	0.03
23.10	10.93	5.38	1.24	25.70	11.04	5.47	0.03
23.15	10.94	5.38	1.23	25.75	11.04	5.47	0.02
23.20	10.94	5.39	1.23	25.80	11.04	5.47	0.02
23.25	10.95	5.39	1.22	25.85	11.04	5.47	0.02
23.30	10.96	5.40	1.22	25.90	11.04	5.47	0.01
23.35	10.96	5.40	1.21	25.95	11.04	5.47	0.01

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	11.04	5.47	0.01	28.60	11.04	5.47	0.00
26.05	11.04	5.47	0.01	28.65	11.04	5.47	0.00
26.10	11.04	5.47	0.01	28.70	11.04	5.47	0.00
26.15	11.04	5.47	0.01	28.75	11.04	5.47	0.00
26.20	11.04	5.47	0.01	28.80	11.04	5.47	0.00
26.25	11.04	5.47	0.00	28.85	11.04	5.47	0.00
26.30	11.04	5.47	0.00	28.90	11.04	5.47	0.00
26.35	11.04	5.47	0.00	28.95	11.04	5.47	0.00
26.40	11.04	5.47	0.00	29.00	11.04	5.47	0.00
26.45	11.04	5.47	0.00	29.05	11.04	5.47	0.00
26.50	11.04	5.47	0.00	29.10	11.04	5.47	0.00
26.55	11.04	5.47	0.00	29.15	11.04	5.47	0.00
26.60	11.04	5.47	0.00	29.20	11.04	5.47	0.00
26.65	11.04	5.47	0.00	29.25	11.04	5.47	0.00
26.70	11.04	5.47	0.00	29.30	11.04	5.47	0.00
26.75	11.04	5.47	0.00	29.35	11.04	5.47	0.00
26.80	11.04	5.47	0.00	29.40	11.04	5.47	0.00
26.85	11.04	5.47	0.00	29.45	11.04	5.47	0.00
26.90	11.04	5.47	0.00	29.50	11.04	5.47	0.00
26.95	11.04	5.47	0.00	29.55	11.04	5.47	0.00
27.00	11.04	5.47	0.00	29.60	11.04	5.47	0.00
27.05	11.04	5.47	0.00	29.65	11.04	5.47	0.00
27.10	11.04	5.47	0.00	29.70	11.04	5.47	0.00
27.15	11.04	5.47	0.00	29.75	11.04	5.47	0.00
27.20	11.04	5.47	0.00	29.80	11.04	5.47	0.00
27.25	11.04	5.47	0.00	29.85	11.04	5.47	0.00
27.30	11.04	5.47	0.00	29.90	11.04	5.47	0.00
27.35	11.04	5.47	0.00	29.95	11.04	5.47	0.00
27.40	11.04	5.47	0.00	30.00	11.04	5.47	0.00
27.45	11.04	5.47	0.00	30.05	11.04	5.47	0.00
27.50	11.04	5.47	0.00	30.10	11.04	5.47	0.00
27.55	11.04	5.47	0.00	30.15	11.04	5.47	0.00
27.60	11.04	5.47	0.00	30.20	11.04	5.47	0.00
27.65	11.04	5.47	0.00	30.25	11.04	5.47	0.00
27.70	11.04	5.47	0.00	30.30	11.04	5.47	0.00
27.75	11.04	5.47	0.00	30.35	11.04	5.47	0.00
27.80	11.04	5.47	0.00	30.40	11.04	5.47	0.00
27.85	11.04	5.47	0.00	30.45	11.04	5.47	0.00
27.90	11.04	5.47	0.00	30.50	11.04	5.47	0.00
27.95	11.04	5.47	0.00	30.55	11.04	5.47	0.00
28.00	11.04	5.47	0.00	30.60	11.04	5.47	0.00
28.05	11.04	5.47	0.00	30.65	11.04	5.47	0.00
28.10	11.04	5.47	0.00	30.70	11.04	5.47	0.00
28.15	11.04	5.47	0.00	30.75	11.04	5.47	0.00
28.20	11.04	5.47	0.00	30.80	11.04	5.47	0.00
28.25	11.04	5.47	0.00	30.85	11.04	5.47	0.00
28.30	11.04	5.47	0.00	30.90	11.04	5.47	0.00
28.35	11.04	5.47	0.00	30.95	11.04	5.47	0.00
28.40	11.04	5.47	0.00	31.00	11.04	5.47	0.00
28.45	11.04	5.47	0.00	31.05	11.04	5.47	0.00
28.50	11.04	5.47	0.00	31.10	11.04	5.47	0.00
28.55	11.04	5.47	0.00	31.15	11.04	5.47	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	11.04	5.47	0.00	33.80	11.04	5.47	0.00
31.25	11.04	5.47	0.00	33.85	11.04	5.47	0.00
31.30	11.04	5.47	0.00	33.90	11.04	5.47	0.00
31.35	11.04	5.47	0.00	33.95	11.04	5.47	0.00
31.40	11.04	5.47	0.00	34.00	11.04	5.47	0.00
31.45	11.04	5.47	0.00	34.05	11.04	5.47	0.00
31.50	11.04	5.47	0.00	34.10	11.04	5.47	0.00
31.55	11.04	5.47	0.00	34.15	11.04	5.47	0.00
31.60	11.04	5.47	0.00	34.20	11.04	5.47	0.00
31.65	11.04	5.47	0.00	34.25	11.04	5.47	0.00
31.70	11.04	5.47	0.00	34.30	11.04	5.47	0.00
31.75	11.04	5.47	0.00	34.35	11.04	5.47	0.00
31.80	11.04	5.47	0.00	34.40	11.04	5.47	0.00
31.85	11.04	5.47	0.00	34.45	11.04	5.47	0.00
31.90	11.04	5.47	0.00	34.50	11.04	5.47	0.00
31.95	11.04	5.47	0.00	34.55	11.04	5.47	0.00
32.00	11.04	5.47	0.00	34.60	11.04	5.47	0.00
32.05	11.04	5.47	0.00	34.65	11.04	5.47	0.00
32.10	11.04	5.47	0.00	34.70	11.04	5.47	0.00
32.15	11.04	5.47	0.00	34.75	11.04	5.47	0.00
32.20	11.04	5.47	0.00	34.80	11.04	5.47	0.00
32.25	11.04	5.47	0.00	34.85	11.04	5.47	0.00
32.30	11.04	5.47	0.00	34.90	11.04	5.47	0.00
32.35	11.04	5.47	0.00	34.95	11.04	5.47	0.00
32.40	11.04	5.47	0.00	35.00	11.04	5.47	0.00
32.45	11.04	5.47	0.00	35.05	11.04	5.47	0.00
32.50	11.04	5.47	0.00	35.10	11.04	5.47	0.00
32.55	11.04	5.47	0.00	35.15	11.04	5.47	0.00
32.60	11.04	5.47	0.00	35.20	11.04	5.47	0.00
32.65	11.04	5.47	0.00	35.25	11.04	5.47	0.00
32.70	11.04	5.47	0.00	35.30	11.04	5.47	0.00
32.75	11.04	5.47	0.00	35.35	11.04	5.47	0.00
32.80	11.04	5.47	0.00	35.40	11.04	5.47	0.00
32.85	11.04	5.47	0.00	35.45	11.04	5.47	0.00
32.90	11.04	5.47	0.00	35.50	11.04	5.47	0.00
32.95	11.04	5.47	0.00	35.55	11.04	5.47	0.00
33.00	11.04	5.47	0.00	35.60	11.04	5.47	0.00
33.05	11.04	5.47	0.00	35.65	11.04	5.47	0.00
33.10	11.04	5.47	0.00	35.70	11.04	5.47	0.00
33.15	11.04	5.47	0.00	35.75	11.04	5.47	0.00
33.20	11.04	5.47	0.00	35.80	11.04	5.47	0.00
33.25	11.04	5.47	0.00	35.85	11.04	5.47	0.00
33.30	11.04	5.47	0.00	35.90	11.04	5.47	0.00
33.35	11.04	5.47	0.00	35.95	11.04	5.47	0.00
33.40	11.04	5.47	0.00	36.00	11.04	5.47	0.00
33.45	11.04	5.47	0.00	36.05	11.04	5.47	0.00
33.50	11.04	5.47	0.00	36.10	11.04	5.47	0.00
33.55	11.04	5.47	0.00	36.15	11.04	5.47	0.00
33.60	11.04	5.47	0.00	36.20	11.04	5.47	0.00
33.65	11.04	5.47	0.00	36.25	11.04	5.47	0.00
33.70	11.04	5.47	0.00	36.30	11.04	5.47	0.00
33.75	11.04	5.47	0.00	36.35	11.04	5.47	0.00

Hydrograph for Subcatchment UPDA-4: PDA-4 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	11.04	5.47	0.00	39.00	11.04	5.47	0.00
36.45	11.04	5.47	0.00	39.05	11.04	5.47	0.00
36.50	11.04	5.47	0.00	39.10	11.04	5.47	0.00
36.55	11.04	5.47	0.00	39.15	11.04	5.47	0.00
36.60	11.04	5.47	0.00	39.20	11.04	5.47	0.00
36.65	11.04	5.47	0.00	39.25	11.04	5.47	0.00
36.70	11.04	5.47	0.00	39.30	11.04	5.47	0.00
36.75	11.04	5.47	0.00	39.35	11.04	5.47	0.00
36.80	11.04	5.47	0.00	39.40	11.04	5.47	0.00
36.85	11.04	5.47	0.00	39.45	11.04	5.47	0.00
36.90	11.04	5.47	0.00	39.50	11.04	5.47	0.00
36.95	11.04	5.47	0.00	39.55	11.04	5.47	0.00
37.00	11.04	5.47	0.00	39.60	11.04	5.47	0.00
37.05	11.04	5.47	0.00	39.65	11.04	5.47	0.00
37.10	11.04	5.47	0.00	39.70	11.04	5.47	0.00
37.15	11.04	5.47	0.00	39.75	11.04	5.47	0.00
37.20	11.04	5.47	0.00	39.80	11.04	5.47	0.00
37.25	11.04	5.47	0.00	39.85	11.04	5.47	0.00
37.30	11.04	5.47	0.00	39.90	11.04	5.47	0.00
37.35	11.04	5.47	0.00	39.95	11.04	5.47	0.00
37.40	11.04	5.47	0.00	40.00	11.04	5.47	0.00
37.45	11.04	5.47	0.00				
37.50	11.04	5.47	0.00				
37.55	11.04	5.47	0.00				
37.60	11.04	5.47	0.00				
37.65	11.04	5.47	0.00				
37.70	11.04	5.47	0.00				
37.75	11.04	5.47	0.00				
37.80	11.04	5.47	0.00				
37.85	11.04	5.47	0.00				
37.90	11.04	5.47	0.00				
37.95	11.04	5.47	0.00				
38.00	11.04	5.47	0.00				
38.05	11.04	5.47	0.00				
38.10	11.04	5.47	0.00				
38.15	11.04	5.47	0.00				
38.20	11.04	5.47	0.00				
38.25	11.04	5.47	0.00				
38.30	11.04	5.47	0.00				
38.35	11.04	5.47	0.00				
38.40	11.04	5.47	0.00				
38.45	11.04	5.47	0.00				
38.50	11.04	5.47	0.00				
38.55	11.04	5.47	0.00				
38.60	11.04	5.47	0.00				
38.65	11.04	5.47	0.00				
38.70	11.04	5.47	0.00				
38.75	11.04	5.47	0.00				
38.80	11.04	5.47	0.00				
38.85	11.04	5.47	0.00				
38.90	11.04	5.47	0.00				
38.95	11.04	5.47	0.00				

Summary for Pond B-41: Basin #41

Inflow Area = 2.368 ac, 29.05% Impervious, Inflow Depth = 8.61" for Future 100 yr event
 Inflow = 25.57 cfs @ 12.07 hrs, Volume= 1.699 af
 Outflow = 7.29 cfs @ 12.28 hrs, Volume= 1.630 af, Atten= 71%, Lag= 12.1 min
 Primary = 7.29 cfs @ 12.28 hrs, Volume= 1.630 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 186.14' @ 12.28 hrs Surf.Area= 5,683 sf Storage= 23,519 cf

Plug-Flow detention time= 84.2 min calculated for 1.628 af (96% of inflow)
 Center-of-Mass det. time= 60.6 min (838.5 - 777.9)

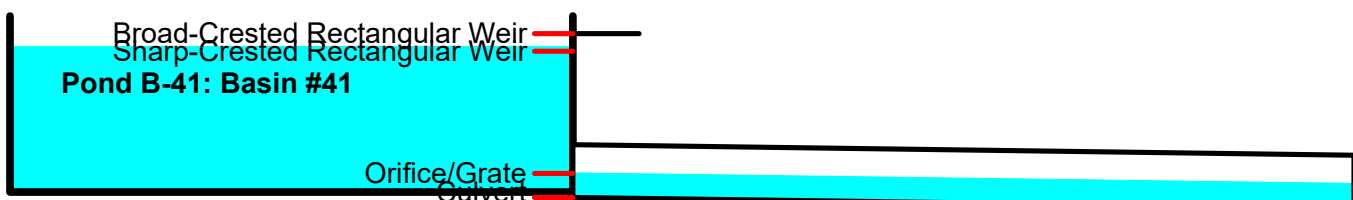
Volume	Invert	Avail.Storage	Storage Description
#1	182.00'	28,415 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
182.00	5,683	0	0
183.00	5,683	5,683	5,683
184.00	5,683	5,683	11,366
185.00	5,683	5,683	17,049
186.00	5,683	5,683	22,732
187.00	5,683	5,683	28,415

Device	Routing	Invert	Outlet Devices
#1	Primary	181.85'	18.0" Round Culvert L= 59.0' Ke= 0.500 Inlet / Outlet Invert= 181.85' / 181.55' S= 0.0051 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	182.53'	18.0" W x 6.0" H Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

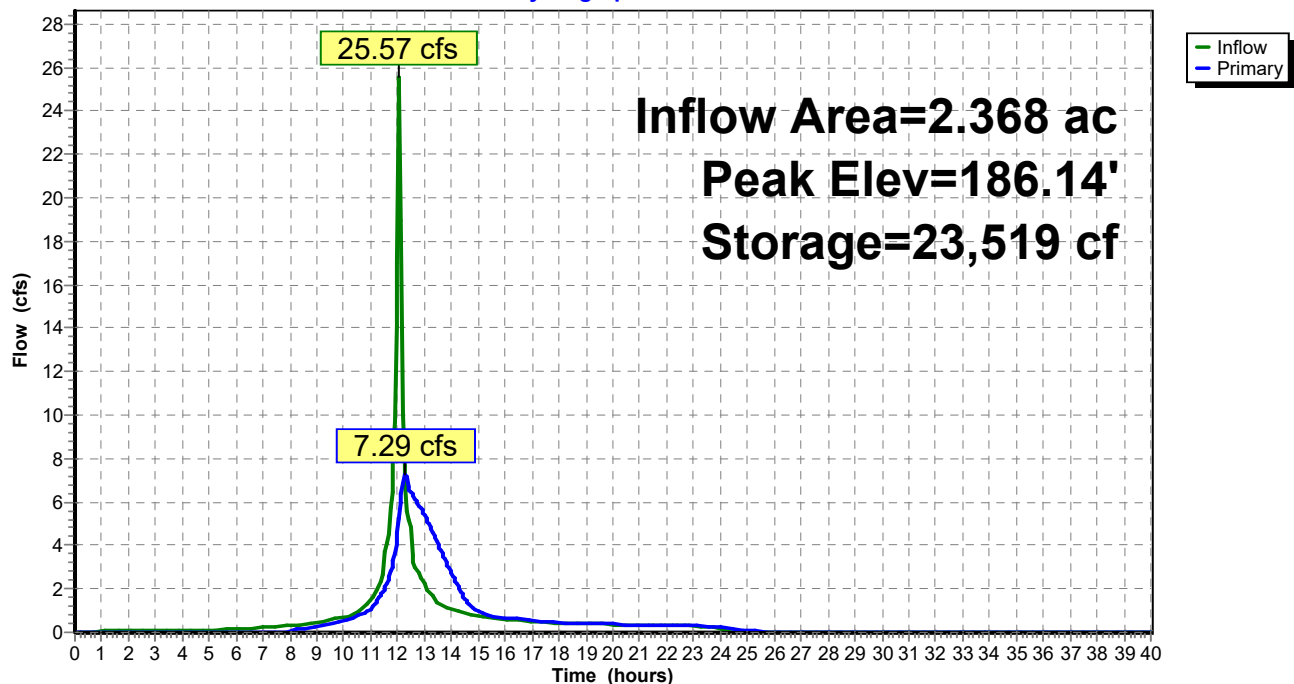
Primary OutFlow Max=7.26 cfs @ 12.28 hrs HW=186.13' (Free Discharge)

1=Culvert (Passes 7.26 cfs of 15.51 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 6.61 cfs @ 8.82 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.64 cfs @ 1.20 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-41: Basin #41

Hydrograph



Hydrograph for Pond B-41: Basin #41

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	182.00	0.00
0.10	0.00	0	182.00	0.00
0.20	0.00	0	182.00	0.00
0.30	0.00	0	182.00	0.00
0.40	0.00	0	182.00	0.00
0.50	0.01	2	182.00	0.00
0.60	0.02	6	182.00	0.00
0.70	0.02	14	182.00	0.00
0.80	0.03	23	182.00	0.00
0.90	0.03	34	182.01	0.00
1.00	0.04	47	182.01	0.00
1.10	0.04	62	182.01	0.00
1.20	0.05	78	182.01	0.00
1.30	0.05	95	182.02	0.00
1.40	0.05	114	182.02	0.00
1.50	0.06	134	182.02	0.00
1.60	0.06	155	182.03	0.00
1.70	0.06	177	182.03	0.00
1.80	0.06	200	182.04	0.00
1.90	0.07	223	182.04	0.00
2.00	0.07	248	182.04	0.00
2.10	0.07	273	182.05	0.00
2.20	0.07	299	182.05	0.00
2.30	0.08	326	182.06	0.00
2.40	0.08	353	182.06	0.00
2.50	0.08	381	182.07	0.00
2.60	0.08	410	182.07	0.00
2.70	0.08	439	182.08	0.00
2.80	0.08	469	182.08	0.00
2.90	0.08	499	182.09	0.00
3.00	0.09	530	182.09	0.00
3.10	0.09	561	182.10	0.00
3.20	0.09	593	182.10	0.00
3.30	0.09	625	182.11	0.00
3.40	0.09	657	182.12	0.00
3.50	0.09	691	182.12	0.00
3.60	0.09	724	182.13	0.00
3.70	0.10	758	182.13	0.00
3.80	0.10	793	182.14	0.00
3.90	0.10	828	182.15	0.00
4.00	0.10	863	182.15	0.00
4.10	0.10	899	182.16	0.00
4.20	0.10	935	182.16	0.00
4.30	0.10	971	182.17	0.00
4.40	0.10	1,008	182.18	0.00
4.50	0.10	1,046	182.18	0.00
4.60	0.10	1,083	182.19	0.00
4.70	0.11	1,121	182.20	0.00
4.80	0.11	1,160	182.20	0.00
4.90	0.11	1,198	182.21	0.00
5.00	0.11	1,237	182.22	0.00
5.10	0.11	1,277	182.22	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.12	1,318	182.23	0.00
5.30	0.12	1,360	182.24	0.00
5.40	0.12	1,404	182.25	0.00
5.50	0.13	1,449	182.25	0.00
5.60	0.13	1,495	182.26	0.00
5.70	0.13	1,543	182.27	0.00
5.80	0.14	1,592	182.28	0.00
5.90	0.14	1,643	182.29	0.00
6.00	0.15	1,694	182.30	0.00
6.10	0.15	1,748	182.31	0.00
6.20	0.16	1,804	182.32	0.00
6.30	0.17	1,862	182.33	0.00
6.40	0.17	1,923	182.34	0.00
6.50	0.18	1,986	182.35	0.00
6.60	0.19	2,052	182.36	0.00
6.70	0.19	2,121	182.37	0.00
6.80	0.20	2,192	182.39	0.00
6.90	0.21	2,266	182.40	0.00
7.00	0.22	2,343	182.41	0.00
7.10	0.23	2,423	182.43	0.00
7.20	0.23	2,506	182.44	0.00
7.30	0.24	2,592	182.46	0.00
7.40	0.25	2,681	182.47	0.00
7.50	0.26	2,773	182.49	0.00
7.60	0.27	2,868	182.50	0.00
7.70	0.28	2,966	182.52	0.00
7.80	0.29	3,067	182.54	0.01
7.90	0.30	3,167	182.56	0.02
8.00	0.31	3,262	182.57	0.05
8.10	0.31	3,351	182.59	0.07
8.20	0.32	3,435	182.60	0.10
8.30	0.33	3,512	182.62	0.13
8.40	0.34	3,583	182.63	0.16
8.50	0.35	3,647	182.64	0.18
8.60	0.36	3,707	182.65	0.21
8.70	0.37	3,760	182.66	0.23
8.80	0.38	3,809	182.67	0.26
8.90	0.39	3,853	182.68	0.28
9.00	0.41	3,894	182.69	0.30
9.10	0.43	3,935	182.69	0.32
9.20	0.46	3,978	182.70	0.34
9.30	0.49	4,023	182.71	0.36
9.40	0.52	4,069	182.72	0.39
9.50	0.55	4,116	182.72	0.42
9.60	0.58	4,165	182.73	0.44
9.70	0.61	4,214	182.74	0.47
9.80	0.64	4,265	182.75	0.50
9.90	0.67	4,316	182.76	0.53
10.00	0.70	4,368	182.77	0.56
10.10	0.74	4,419	182.78	0.60
10.20	0.77	4,472	182.79	0.63
10.30	0.81	4,524	182.80	0.66

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.84	4,577	182.81	0.70
10.50	0.89	4,631	182.81	0.73
10.60	1.00	4,700	182.83	0.78
10.70	1.11	4,789	182.84	0.84
10.80	1.23	4,896	182.86	0.92
10.90	1.35	5,016	182.88	1.01
11.00	1.49	5,148	182.91	1.11
11.10	1.71	5,307	182.93	1.24
11.20	1.94	5,497	182.97	1.39
11.30	2.18	5,710	183.00	1.57
11.40	2.42	5,943	183.05	1.77
11.50	2.79	6,202	183.09	1.95
11.60	4.09	6,740	183.19	2.26
11.70	4.65	7,432	183.31	2.60
11.80	6.48	8,462	183.49	3.02
11.90	9.65	10,196	183.79	3.63
12.00	17.06	13,671	184.41	4.60
12.10	24.55	19,955	185.51	5.97
12.20	10.03	23,170	186.08	6.85
12.30	6.88	23,499	186.14	7.26
12.40	5.19	23,060	186.06	6.72
12.50	4.68	22,485	185.96	6.43
12.60	3.22	21,543	185.79	6.26
12.70	2.96	20,427	185.59	6.06
12.80	2.70	19,295	185.40	5.84
12.90	2.44	18,150	185.19	5.61
13.00	2.18	16,997	184.99	5.37
13.10	1.94	15,841	184.79	5.11
13.20	1.79	14,713	184.59	4.85
13.30	1.65	13,628	184.40	4.59
13.40	1.51	12,589	184.22	4.32
13.50	1.37	11,597	184.04	4.05
13.60	1.25	10,655	183.87	3.77
13.70	1.20	9,787	183.72	3.49
13.80	1.17	9,004	183.58	3.23
13.90	1.13	8,304	183.46	2.96
14.00	1.10	7,683	183.35	2.71
14.10	1.06	7,139	183.26	2.46
14.20	1.02	6,670	183.17	2.22
14.30	0.99	6,272	183.10	2.00
14.40	0.95	5,942	183.05	1.77
14.50	0.91	5,680	183.00	1.55
14.60	0.88	5,475	182.96	1.38
14.70	0.84	5,313	182.93	1.24
14.80	0.80	5,180	182.91	1.14
14.90	0.77	5,068	182.89	1.05
15.00	0.73	4,971	182.87	0.98
15.10	0.70	4,887	182.86	0.91
15.20	0.68	4,816	182.85	0.86
15.30	0.67	4,757	182.84	0.82
15.40	0.67	4,709	182.83	0.79
15.50	0.66	4,668	182.82	0.76

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.65	4,633	182.82	0.74
15.70	0.64	4,603	182.81	0.71
15.80	0.63	4,576	182.81	0.70
15.90	0.62	4,552	182.80	0.68
16.00	0.61	4,530	182.80	0.67
16.10	0.60	4,510	182.79	0.65
16.20	0.59	4,490	182.79	0.64
16.30	0.58	4,471	182.79	0.63
16.40	0.57	4,453	182.78	0.62
16.50	0.56	4,436	182.78	0.61
16.60	0.55	4,418	182.78	0.60
16.70	0.54	4,402	182.77	0.58
16.80	0.53	4,385	182.77	0.57
16.90	0.52	4,369	182.77	0.56
17.00	0.51	4,353	182.77	0.55
17.10	0.50	4,337	182.76	0.54
17.20	0.49	4,321	182.76	0.53
17.30	0.48	4,304	182.76	0.52
17.40	0.47	4,288	182.75	0.51
17.50	0.46	4,273	182.75	0.50
17.60	0.45	4,257	182.75	0.49
17.70	0.44	4,241	182.75	0.48
17.80	0.43	4,225	182.74	0.48
17.90	0.42	4,208	182.74	0.47
18.00	0.41	4,191	182.74	0.46
18.10	0.40	4,175	182.73	0.45
18.20	0.40	4,159	182.73	0.44
18.30	0.40	4,146	182.73	0.43
18.40	0.39	4,134	182.73	0.43
18.50	0.39	4,124	182.73	0.42
18.60	0.39	4,115	182.72	0.41
18.70	0.39	4,106	182.72	0.41
18.80	0.38	4,099	182.72	0.41
18.90	0.38	4,092	182.72	0.40
19.00	0.38	4,085	182.72	0.40
19.10	0.38	4,079	182.72	0.39
19.20	0.38	4,073	182.72	0.39
19.30	0.37	4,067	182.72	0.39
19.40	0.37	4,062	182.71	0.38
19.50	0.37	4,057	182.71	0.38
19.60	0.37	4,052	182.71	0.38
19.70	0.36	4,047	182.71	0.38
19.80	0.36	4,043	182.71	0.37
19.90	0.36	4,038	182.71	0.37
20.00	0.36	4,033	182.71	0.37
20.10	0.35	4,029	182.71	0.37
20.20	0.35	4,024	182.71	0.36
20.30	0.35	4,019	182.71	0.36
20.40	0.35	4,015	182.71	0.36
20.50	0.34	4,010	182.71	0.36
20.60	0.34	4,006	182.70	0.35
20.70	0.34	4,002	182.70	0.35

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.34	3,997	182.70	0.35
20.90	0.33	3,993	182.70	0.35
21.00	0.33	3,988	182.70	0.34
21.10	0.33	3,984	182.70	0.34
21.20	0.33	3,979	182.70	0.34
21.30	0.33	3,975	182.70	0.34
21.40	0.32	3,971	182.70	0.33
21.50	0.32	3,966	182.70	0.33
21.60	0.32	3,961	182.70	0.33
21.70	0.31	3,956	182.70	0.33
21.80	0.31	3,952	182.70	0.32
21.90	0.31	3,947	182.69	0.32
22.00	0.31	3,942	182.69	0.32
22.10	0.30	3,937	182.69	0.32
22.20	0.30	3,932	182.69	0.32
22.30	0.30	3,927	182.69	0.31
22.40	0.30	3,922	182.69	0.31
22.50	0.29	3,917	182.69	0.31
22.60	0.29	3,912	182.69	0.31
22.70	0.29	3,907	182.69	0.30
22.80	0.29	3,902	182.69	0.30
22.90	0.28	3,897	182.69	0.30
23.00	0.28	3,892	182.68	0.30
23.10	0.28	3,887	182.68	0.29
23.20	0.28	3,882	182.68	0.29
23.30	0.27	3,876	182.68	0.29
23.40	0.27	3,871	182.68	0.29
23.50	0.27	3,866	182.68	0.28
23.60	0.27	3,861	182.68	0.28
23.70	0.27	3,856	182.68	0.28
23.80	0.26	3,851	182.68	0.28
23.90	0.27	3,847	182.68	0.27
24.00	0.27	3,852	182.68	0.28
24.10	0.01	3,794	182.67	0.25
24.20	0.00	3,713	182.65	0.21
24.30	0.00	3,643	182.64	0.18
24.40	0.00	3,582	182.63	0.16
24.50	0.00	3,530	182.62	0.14
24.60	0.00	3,484	182.61	0.12
24.70	0.00	3,444	182.61	0.10
24.80	0.00	3,410	182.60	0.09
24.90	0.00	3,379	182.59	0.08
25.00	0.00	3,351	182.59	0.07
25.10	0.00	3,326	182.59	0.07
25.20	0.00	3,303	182.58	0.06
25.30	0.00	3,282	182.58	0.06
25.40	0.00	3,263	182.57	0.05
25.50	0.00	3,246	182.57	0.05
25.60	0.00	3,230	182.57	0.04
25.70	0.00	3,216	182.57	0.04
25.80	0.00	3,203	182.56	0.03
25.90	0.00	3,191	182.56	0.03

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,181	182.56	0.03
26.10	0.00	3,171	182.56	0.03
26.20	0.00	3,162	182.56	0.02
26.30	0.00	3,154	182.56	0.02
26.40	0.00	3,147	182.55	0.02
26.50	0.00	3,140	182.55	0.02
26.60	0.00	3,134	182.55	0.02
26.70	0.00	3,129	182.55	0.01
26.80	0.00	3,124	182.55	0.01
26.90	0.00	3,119	182.55	0.01
27.00	0.00	3,115	182.55	0.01
27.10	0.00	3,110	182.55	0.01
27.20	0.00	3,106	182.55	0.01
27.30	0.00	3,102	182.55	0.01
27.40	0.00	3,098	182.55	0.01
27.50	0.00	3,095	182.54	0.01
27.60	0.00	3,091	182.54	0.01
27.70	0.00	3,088	182.54	0.01
27.80	0.00	3,085	182.54	0.01
27.90	0.00	3,082	182.54	0.01
28.00	0.00	3,079	182.54	0.01
28.10	0.00	3,076	182.54	0.01
28.20	0.00	3,073	182.54	0.01
28.30	0.00	3,071	182.54	0.01
28.40	0.00	3,068	182.54	0.01
28.50	0.00	3,066	182.54	0.01
28.60	0.00	3,063	182.54	0.01
28.70	0.00	3,061	182.54	0.01
28.80	0.00	3,059	182.54	0.01
28.90	0.00	3,057	182.54	0.01
29.00	0.00	3,055	182.54	0.01
29.10	0.00	3,053	182.54	0.00
29.20	0.00	3,052	182.54	0.00
29.30	0.00	3,050	182.54	0.00
29.40	0.00	3,048	182.54	0.00
29.50	0.00	3,047	182.54	0.00
29.60	0.00	3,045	182.54	0.00
29.70	0.00	3,044	182.54	0.00
29.80	0.00	3,043	182.54	0.00
29.90	0.00	3,041	182.54	0.00
30.00	0.00	3,040	182.53	0.00
30.10	0.00	3,039	182.53	0.00
30.20	0.00	3,038	182.53	0.00
30.30	0.00	3,037	182.53	0.00
30.40	0.00	3,036	182.53	0.00
30.50	0.00	3,035	182.53	0.00
30.60	0.00	3,034	182.53	0.00
30.70	0.00	3,033	182.53	0.00
30.80	0.00	3,032	182.53	0.00
30.90	0.00	3,031	182.53	0.00
31.00	0.00	3,030	182.53	0.00
31.10	0.00	3,029	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,029	182.53	0.00
31.30	0.00	3,028	182.53	0.00
31.40	0.00	3,027	182.53	0.00
31.50	0.00	3,027	182.53	0.00
31.60	0.00	3,026	182.53	0.00
31.70	0.00	3,026	182.53	0.00
31.80	0.00	3,025	182.53	0.00
31.90	0.00	3,024	182.53	0.00
32.00	0.00	3,024	182.53	0.00
32.10	0.00	3,023	182.53	0.00
32.20	0.00	3,023	182.53	0.00
32.30	0.00	3,022	182.53	0.00
32.40	0.00	3,022	182.53	0.00
32.50	0.00	3,022	182.53	0.00
32.60	0.00	3,021	182.53	0.00
32.70	0.00	3,021	182.53	0.00
32.80	0.00	3,020	182.53	0.00
32.90	0.00	3,020	182.53	0.00
33.00	0.00	3,020	182.53	0.00
33.10	0.00	3,019	182.53	0.00
33.20	0.00	3,019	182.53	0.00
33.30	0.00	3,019	182.53	0.00
33.40	0.00	3,018	182.53	0.00
33.50	0.00	3,018	182.53	0.00
33.60	0.00	3,018	182.53	0.00
33.70	0.00	3,018	182.53	0.00
33.80	0.00	3,017	182.53	0.00
33.90	0.00	3,017	182.53	0.00
34.00	0.00	3,017	182.53	0.00
34.10	0.00	3,017	182.53	0.00
34.20	0.00	3,017	182.53	0.00
34.30	0.00	3,016	182.53	0.00
34.40	0.00	3,016	182.53	0.00
34.50	0.00	3,016	182.53	0.00
34.60	0.00	3,016	182.53	0.00
34.70	0.00	3,016	182.53	0.00
34.80	0.00	3,016	182.53	0.00
34.90	0.00	3,015	182.53	0.00
35.00	0.00	3,015	182.53	0.00
35.10	0.00	3,015	182.53	0.00
35.20	0.00	3,015	182.53	0.00
35.30	0.00	3,015	182.53	0.00
35.40	0.00	3,015	182.53	0.00
35.50	0.00	3,015	182.53	0.00
35.60	0.00	3,015	182.53	0.00
35.70	0.00	3,014	182.53	0.00
35.80	0.00	3,014	182.53	0.00
35.90	0.00	3,014	182.53	0.00
36.00	0.00	3,014	182.53	0.00
36.10	0.00	3,014	182.53	0.00
36.20	0.00	3,014	182.53	0.00
36.30	0.00	3,014	182.53	0.00

Hydrograph for Pond B-41: Basin #41 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,014	182.53	0.00
36.50	0.00	3,014	182.53	0.00
36.60	0.00	3,014	182.53	0.00
36.70	0.00	3,014	182.53	0.00
36.80	0.00	3,013	182.53	0.00
36.90	0.00	3,013	182.53	0.00
37.00	0.00	3,013	182.53	0.00
37.10	0.00	3,013	182.53	0.00
37.20	0.00	3,013	182.53	0.00
37.30	0.00	3,013	182.53	0.00
37.40	0.00	3,013	182.53	0.00
37.50	0.00	3,013	182.53	0.00
37.60	0.00	3,013	182.53	0.00
37.70	0.00	3,013	182.53	0.00
37.80	0.00	3,013	182.53	0.00
37.90	0.00	3,013	182.53	0.00
38.00	0.00	3,013	182.53	0.00
38.10	0.00	3,013	182.53	0.00
38.20	0.00	3,013	182.53	0.00
38.30	0.00	3,013	182.53	0.00
38.40	0.00	3,013	182.53	0.00
38.50	0.00	3,013	182.53	0.00
38.60	0.00	3,013	182.53	0.00
38.70	0.00	3,013	182.53	0.00
38.80	0.00	3,013	182.53	0.00
38.90	0.00	3,013	182.53	0.00
39.00	0.00	3,013	182.53	0.00
39.10	0.00	3,013	182.53	0.00
39.20	0.00	3,013	182.53	0.00
39.30	0.00	3,012	182.53	0.00
39.40	0.00	3,012	182.53	0.00
39.50	0.00	3,012	182.53	0.00
39.60	0.00	3,012	182.53	0.00
39.70	0.00	3,012	182.53	0.00
39.80	0.00	3,012	182.53	0.00
39.90	0.00	3,012	182.53	0.00
40.00	0.00	3,012	182.53	0.00

Stage-Discharge for Pond B-41: Basin #41

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.00	0.00	182.52	0.00	183.04	1.75	183.56	3.18
182.01	0.00	182.53	0.00	183.05	1.79	183.57	3.20
182.02	0.00	182.54	0.00	183.06	1.83	183.58	3.22
182.03	0.00	182.55	0.01	183.07	1.87	183.59	3.24
182.04	0.00	182.56	0.03	183.08	1.91	183.60	3.26
182.05	0.00	182.57	0.04	183.09	1.95	183.61	3.28
182.06	0.00	182.58	0.05	183.10	1.98	183.62	3.30
182.07	0.00	182.59	0.07	183.11	2.02	183.63	3.32
182.08	0.00	182.60	0.09	183.12	2.05	183.64	3.34
182.09	0.00	182.61	0.11	183.13	2.09	183.65	3.36
182.10	0.00	182.62	0.13	183.14	2.12	183.66	3.38
182.11	0.00	182.63	0.15	183.15	2.15	183.67	3.40
182.12	0.00	182.64	0.18	183.16	2.18	183.68	3.41
182.13	0.00	182.65	0.20	183.17	2.21	183.69	3.43
182.14	0.00	182.66	0.23	183.18	2.24	183.70	3.45
182.15	0.00	182.67	0.25	183.19	2.27	183.71	3.47
182.16	0.00	182.68	0.28	183.20	2.30	183.72	3.49
182.17	0.00	182.69	0.31	183.21	2.33	183.73	3.51
182.18	0.00	182.70	0.34	183.22	2.36	183.74	3.53
182.19	0.00	182.71	0.37	183.23	2.39	183.75	3.55
182.20	0.00	182.72	0.40	183.24	2.42	183.76	3.57
182.21	0.00	182.73	0.43	183.25	2.44	183.77	3.58
182.22	0.00	182.74	0.46	183.26	2.47	183.78	3.60
182.23	0.00	182.75	0.50	183.27	2.50	183.79	3.62
182.24	0.00	182.76	0.53	183.28	2.53	183.80	3.64
182.25	0.00	182.77	0.57	183.29	2.55	183.81	3.66
182.26	0.00	182.78	0.60	183.30	2.58	183.82	3.67
182.27	0.00	182.79	0.64	183.31	2.60	183.83	3.69
182.28	0.00	182.80	0.68	183.32	2.63	183.84	3.71
182.29	0.00	182.81	0.71	183.33	2.65	183.85	3.73
182.30	0.00	182.82	0.75	183.34	2.68	183.86	3.74
182.31	0.00	182.83	0.79	183.35	2.70	183.87	3.76
182.32	0.00	182.84	0.83	183.36	2.73	183.88	3.78
182.33	0.00	182.85	0.87	183.37	2.75	183.89	3.80
182.34	0.00	182.86	0.91	183.38	2.78	183.90	3.81
182.35	0.00	182.87	0.95	183.39	2.80	183.91	3.83
182.36	0.00	182.88	1.00	183.40	2.82	183.92	3.85
182.37	0.00	182.89	1.04	183.41	2.85	183.93	3.86
182.38	0.00	182.90	1.08	183.42	2.87	183.94	3.88
182.39	0.00	182.91	1.13	183.43	2.89	183.95	3.90
182.40	0.00	182.92	1.17	183.44	2.92	183.96	3.92
182.41	0.00	182.93	1.22	183.45	2.94	183.97	3.93
182.42	0.00	182.94	1.26	183.46	2.96	183.98	3.95
182.43	0.00	182.95	1.31	183.47	2.98	183.99	3.97
182.44	0.00	182.96	1.36	183.48	3.00	184.00	3.98
182.45	0.00	182.97	1.41	183.49	3.03	184.01	4.00
182.46	0.00	182.98	1.45	183.50	3.05	184.02	4.01
182.47	0.00	182.99	1.50	183.51	3.07	184.03	4.03
182.48	0.00	183.00	1.55	183.52	3.09	184.04	4.05
182.49	0.00	183.01	1.60	183.53	3.11	184.05	4.06
182.50	0.00	183.02	1.65	183.54	3.13	184.06	4.08
182.51	0.00	183.03	1.70	183.55	3.15	184.07	4.10

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.08	4.11	184.60	4.87	185.12	5.52	185.64	6.11
184.09	4.13	184.61	4.88	185.13	5.53	185.65	6.12
184.10	4.14	184.62	4.89	185.14	5.55	185.66	6.13
184.11	4.16	184.63	4.91	185.15	5.56	185.67	6.14
184.12	4.17	184.64	4.92	185.16	5.57	185.68	6.15
184.13	4.19	184.65	4.93	185.17	5.58	185.69	6.16
184.14	4.21	184.66	4.95	185.18	5.59	185.70	6.17
184.15	4.22	184.67	4.96	185.19	5.60	185.71	6.18
184.16	4.24	184.68	4.97	185.20	5.62	185.72	6.19
184.17	4.25	184.69	4.99	185.21	5.63	185.73	6.20
184.18	4.27	184.70	5.00	185.22	5.64	185.74	6.21
184.19	4.28	184.71	5.01	185.23	5.65	185.75	6.22
184.20	4.30	184.72	5.03	185.24	5.66	185.76	6.23
184.21	4.31	184.73	5.04	185.25	5.67	185.77	6.24
184.22	4.33	184.74	5.05	185.26	5.68	185.78	6.25
184.23	4.34	184.75	5.07	185.27	5.70	185.79	6.26
184.24	4.36	184.76	5.08	185.28	5.71	185.80	6.27
184.25	4.37	184.77	5.09	185.29	5.72	185.81	6.28
184.26	4.39	184.78	5.10	185.30	5.73	185.82	6.29
184.27	4.40	184.79	5.12	185.31	5.74	185.83	6.30
184.28	4.42	184.80	5.13	185.32	5.75	185.84	6.32
184.29	4.43	184.81	5.14	185.33	5.76	185.85	6.33
184.30	4.45	184.82	5.15	185.34	5.78	185.86	6.34
184.31	4.46	184.83	5.17	185.35	5.79	185.87	6.35
184.32	4.48	184.84	5.18	185.36	5.80	185.88	6.36
184.33	4.49	184.85	5.19	185.37	5.81	185.89	6.37
184.34	4.51	184.86	5.21	185.38	5.82	185.90	6.38
184.35	4.52	184.87	5.22	185.39	5.83	185.91	6.39
184.36	4.53	184.88	5.23	185.40	5.84	185.92	6.40
184.37	4.55	184.89	5.24	185.41	5.85	185.93	6.41
184.38	4.56	184.90	5.25	185.42	5.87	185.94	6.42
184.39	4.58	184.91	5.27	185.43	5.88	185.95	6.43
184.40	4.59	184.92	5.28	185.44	5.89	185.96	6.44
184.41	4.61	184.93	5.29	185.45	5.90	185.97	6.45
184.42	4.62	184.94	5.30	185.46	5.91	185.98	6.46
184.43	4.63	184.95	5.32	185.47	5.92	185.99	6.47
184.44	4.65	184.96	5.33	185.48	5.93	186.00	6.48
184.45	4.66	184.97	5.34	185.49	5.94	186.01	6.50
184.46	4.68	184.98	5.35	185.50	5.95	186.02	6.54
184.47	4.69	184.99	5.37	185.51	5.96	186.03	6.58
184.48	4.70	185.00	5.38	185.52	5.98	186.04	6.62
184.49	4.72	185.01	5.39	185.53	5.99	186.05	6.67
184.50	4.73	185.02	5.40	185.54	6.00	186.06	6.73
184.51	4.75	185.03	5.41	185.55	6.01	186.07	6.79
184.52	4.76	185.04	5.43	185.56	6.02	186.08	6.85
184.53	4.77	185.05	5.44	185.57	6.03	186.09	6.92
184.54	4.79	185.06	5.45	185.58	6.04	186.10	6.99
184.55	4.80	185.07	5.46	185.59	6.05	186.11	7.06
184.56	4.81	185.08	5.47	185.60	6.06	186.12	7.14
184.57	4.83	185.09	5.49	185.61	6.07	186.13	7.22
184.58	4.84	185.10	5.50	185.62	6.08	186.14	7.30
184.59	4.85	185.11	5.51	185.63	6.09	186.15	7.38

Stage-Discharge for Pond B-41: Basin #41 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.16	7.47	186.68	23.23
186.17	7.56	186.69	24.16
186.18	7.65	186.70	25.11
186.19	7.74	186.71	26.12
186.20	7.84	186.72	27.15
186.21	7.93	186.73	28.22
186.22	8.03	186.74	29.31
186.23	8.13	186.75	30.42
186.24	8.24	186.76	31.57
186.25	8.34	186.77	32.74
186.26	8.45	186.78	33.93
186.27	8.56	186.79	35.15
186.28	8.67	186.80	36.39
186.29	8.78	186.81	37.66
186.30	8.89	186.82	38.96
186.31	9.01	186.83	40.28
186.32	9.12	186.84	41.62
186.33	9.24	186.85	43.00
186.34	9.36	186.86	44.35
186.35	9.48	186.87	45.62
186.36	9.61	186.88	46.91
186.37	9.73	186.89	48.22
186.38	9.86	186.90	49.56
186.39	9.98	186.91	50.95
186.40	10.11	186.92	52.36
186.41	10.24	186.93	53.80
186.42	10.37	186.94	55.27
186.43	10.51	186.95	56.76
186.44	10.64	186.96	58.28
186.45	10.78	186.97	59.82
186.46	10.91	186.98	61.39
186.47	11.05	186.99	62.99
186.48	11.19	187.00	64.62
186.49	11.33		
186.50	11.47		
186.51	11.73		
186.52	12.09		
186.53	12.51		
186.54	12.99		
186.55	13.51		
186.56	14.07		
186.57	14.67		
186.58	15.31		
186.59	15.97		
186.60	16.67		
186.61	17.40		
186.62	18.15		
186.63	18.94		
186.64	19.75		
186.65	20.58		
186.66	21.44		
186.67	22.32		

Stage-Area-Storage for Pond B-41: Basin #41

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.00	5,683	0	182.52	5,683	2,955
182.01	5,683	57	182.53	5,683	3,012
182.02	5,683	114	182.54	5,683	3,069
182.03	5,683	170	182.55	5,683	3,126
182.04	5,683	227	182.56	5,683	3,182
182.05	5,683	284	182.57	5,683	3,239
182.06	5,683	341	182.58	5,683	3,296
182.07	5,683	398	182.59	5,683	3,353
182.08	5,683	455	182.60	5,683	3,410
182.09	5,683	511	182.61	5,683	3,467
182.10	5,683	568	182.62	5,683	3,523
182.11	5,683	625	182.63	5,683	3,580
182.12	5,683	682	182.64	5,683	3,637
182.13	5,683	739	182.65	5,683	3,694
182.14	5,683	796	182.66	5,683	3,751
182.15	5,683	852	182.67	5,683	3,808
182.16	5,683	909	182.68	5,683	3,864
182.17	5,683	966	182.69	5,683	3,921
182.18	5,683	1,023	182.70	5,683	3,978
182.19	5,683	1,080	182.71	5,683	4,035
182.20	5,683	1,137	182.72	5,683	4,092
182.21	5,683	1,193	182.73	5,683	4,149
182.22	5,683	1,250	182.74	5,683	4,205
182.23	5,683	1,307	182.75	5,683	4,262
182.24	5,683	1,364	182.76	5,683	4,319
182.25	5,683	1,421	182.77	5,683	4,376
182.26	5,683	1,478	182.78	5,683	4,433
182.27	5,683	1,534	182.79	5,683	4,490
182.28	5,683	1,591	182.80	5,683	4,546
182.29	5,683	1,648	182.81	5,683	4,603
182.30	5,683	1,705	182.82	5,683	4,660
182.31	5,683	1,762	182.83	5,683	4,717
182.32	5,683	1,819	182.84	5,683	4,774
182.33	5,683	1,875	182.85	5,683	4,831
182.34	5,683	1,932	182.86	5,683	4,887
182.35	5,683	1,989	182.87	5,683	4,944
182.36	5,683	2,046	182.88	5,683	5,001
182.37	5,683	2,103	182.89	5,683	5,058
182.38	5,683	2,160	182.90	5,683	5,115
182.39	5,683	2,216	182.91	5,683	5,172
182.40	5,683	2,273	182.92	5,683	5,228
182.41	5,683	2,330	182.93	5,683	5,285
182.42	5,683	2,387	182.94	5,683	5,342
182.43	5,683	2,444	182.95	5,683	5,399
182.44	5,683	2,501	182.96	5,683	5,456
182.45	5,683	2,557	182.97	5,683	5,513
182.46	5,683	2,614	182.98	5,683	5,569
182.47	5,683	2,671	182.99	5,683	5,626
182.48	5,683	2,728	183.00	5,683	5,683
182.49	5,683	2,785	183.01	5,683	5,740
182.50	5,683	2,842	183.02	5,683	5,797
182.51	5,683	2,898	183.03	5,683	5,853

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.04	5,683	5,910	183.56	5,683	8,865
183.05	5,683	5,967	183.57	5,683	8,922
183.06	5,683	6,024	183.58	5,683	8,979
183.07	5,683	6,081	183.59	5,683	9,036
183.08	5,683	6,138	183.60	5,683	9,093
183.09	5,683	6,194	183.61	5,683	9,150
183.10	5,683	6,251	183.62	5,683	9,206
183.11	5,683	6,308	183.63	5,683	9,263
183.12	5,683	6,365	183.64	5,683	9,320
183.13	5,683	6,422	183.65	5,683	9,377
183.14	5,683	6,479	183.66	5,683	9,434
183.15	5,683	6,535	183.67	5,683	9,491
183.16	5,683	6,592	183.68	5,683	9,547
183.17	5,683	6,649	183.69	5,683	9,604
183.18	5,683	6,706	183.70	5,683	9,661
183.19	5,683	6,763	183.71	5,683	9,718
183.20	5,683	6,820	183.72	5,683	9,775
183.21	5,683	6,876	183.73	5,683	9,832
183.22	5,683	6,933	183.74	5,683	9,888
183.23	5,683	6,990	183.75	5,683	9,945
183.24	5,683	7,047	183.76	5,683	10,002
183.25	5,683	7,104	183.77	5,683	10,059
183.26	5,683	7,161	183.78	5,683	10,116
183.27	5,683	7,217	183.79	5,683	10,173
183.28	5,683	7,274	183.80	5,683	10,229
183.29	5,683	7,331	183.81	5,683	10,286
183.30	5,683	7,388	183.82	5,683	10,343
183.31	5,683	7,445	183.83	5,683	10,400
183.32	5,683	7,502	183.84	5,683	10,457
183.33	5,683	7,558	183.85	5,683	10,514
183.34	5,683	7,615	183.86	5,683	10,570
183.35	5,683	7,672	183.87	5,683	10,627
183.36	5,683	7,729	183.88	5,683	10,684
183.37	5,683	7,786	183.89	5,683	10,741
183.38	5,683	7,843	183.90	5,683	10,798
183.39	5,683	7,899	183.91	5,683	10,855
183.40	5,683	7,956	183.92	5,683	10,911
183.41	5,683	8,013	183.93	5,683	10,968
183.42	5,683	8,070	183.94	5,683	11,025
183.43	5,683	8,127	183.95	5,683	11,082
183.44	5,683	8,184	183.96	5,683	11,139
183.45	5,683	8,240	183.97	5,683	11,196
183.46	5,683	8,297	183.98	5,683	11,252
183.47	5,683	8,354	183.99	5,683	11,309
183.48	5,683	8,411	184.00	5,683	11,366
183.49	5,683	8,468	184.01	5,683	11,423
183.50	5,683	8,525	184.02	5,683	11,480
183.51	5,683	8,581	184.03	5,683	11,536
183.52	5,683	8,638	184.04	5,683	11,593
183.53	5,683	8,695	184.05	5,683	11,650
183.54	5,683	8,752	184.06	5,683	11,707
183.55	5,683	8,809	184.07	5,683	11,764

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.08	5,683	11,821	184.60	5,683	14,776
184.09	5,683	11,877	184.61	5,683	14,833
184.10	5,683	11,934	184.62	5,683	14,889
184.11	5,683	11,991	184.63	5,683	14,946
184.12	5,683	12,048	184.64	5,683	15,003
184.13	5,683	12,105	184.65	5,683	15,060
184.14	5,683	12,162	184.66	5,683	15,117
184.15	5,683	12,218	184.67	5,683	15,174
184.16	5,683	12,275	184.68	5,683	15,230
184.17	5,683	12,332	184.69	5,683	15,287
184.18	5,683	12,389	184.70	5,683	15,344
184.19	5,683	12,446	184.71	5,683	15,401
184.20	5,683	12,503	184.72	5,683	15,458
184.21	5,683	12,559	184.73	5,683	15,515
184.22	5,683	12,616	184.74	5,683	15,571
184.23	5,683	12,673	184.75	5,683	15,628
184.24	5,683	12,730	184.76	5,683	15,685
184.25	5,683	12,787	184.77	5,683	15,742
184.26	5,683	12,844	184.78	5,683	15,799
184.27	5,683	12,900	184.79	5,683	15,856
184.28	5,683	12,957	184.80	5,683	15,912
184.29	5,683	13,014	184.81	5,683	15,969
184.30	5,683	13,071	184.82	5,683	16,026
184.31	5,683	13,128	184.83	5,683	16,083
184.32	5,683	13,185	184.84	5,683	16,140
184.33	5,683	13,241	184.85	5,683	16,197
184.34	5,683	13,298	184.86	5,683	16,253
184.35	5,683	13,355	184.87	5,683	16,310
184.36	5,683	13,412	184.88	5,683	16,367
184.37	5,683	13,469	184.89	5,683	16,424
184.38	5,683	13,526	184.90	5,683	16,481
184.39	5,683	13,582	184.91	5,683	16,538
184.40	5,683	13,639	184.92	5,683	16,594
184.41	5,683	13,696	184.93	5,683	16,651
184.42	5,683	13,753	184.94	5,683	16,708
184.43	5,683	13,810	184.95	5,683	16,765
184.44	5,683	13,867	184.96	5,683	16,822
184.45	5,683	13,923	184.97	5,683	16,879
184.46	5,683	13,980	184.98	5,683	16,935
184.47	5,683	14,037	184.99	5,683	16,992
184.48	5,683	14,094	185.00	5,683	17,049
184.49	5,683	14,151	185.01	5,683	17,106
184.50	5,683	14,208	185.02	5,683	17,163
184.51	5,683	14,264	185.03	5,683	17,219
184.52	5,683	14,321	185.04	5,683	17,276
184.53	5,683	14,378	185.05	5,683	17,333
184.54	5,683	14,435	185.06	5,683	17,390
184.55	5,683	14,492	185.07	5,683	17,447
184.56	5,683	14,548	185.08	5,683	17,504
184.57	5,683	14,605	185.09	5,683	17,560
184.58	5,683	14,662	185.10	5,683	17,617
184.59	5,683	14,719	185.11	5,683	17,674

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.12	5,683	17,731	185.64	5,683	20,686
185.13	5,683	17,788	185.65	5,683	20,743
185.14	5,683	17,845	185.66	5,683	20,800
185.15	5,683	17,901	185.67	5,683	20,857
185.16	5,683	17,958	185.68	5,683	20,913
185.17	5,683	18,015	185.69	5,683	20,970
185.18	5,683	18,072	185.70	5,683	21,027
185.19	5,683	18,129	185.71	5,683	21,084
185.20	5,683	18,186	185.72	5,683	21,141
185.21	5,683	18,242	185.73	5,683	21,198
185.22	5,683	18,299	185.74	5,683	21,254
185.23	5,683	18,356	185.75	5,683	21,311
185.24	5,683	18,413	185.76	5,683	21,368
185.25	5,683	18,470	185.77	5,683	21,425
185.26	5,683	18,527	185.78	5,683	21,482
185.27	5,683	18,583	185.79	5,683	21,539
185.28	5,683	18,640	185.80	5,683	21,595
185.29	5,683	18,697	185.81	5,683	21,652
185.30	5,683	18,754	185.82	5,683	21,709
185.31	5,683	18,811	185.83	5,683	21,766
185.32	5,683	18,868	185.84	5,683	21,823
185.33	5,683	18,924	185.85	5,683	21,880
185.34	5,683	18,981	185.86	5,683	21,936
185.35	5,683	19,038	185.87	5,683	21,993
185.36	5,683	19,095	185.88	5,683	22,050
185.37	5,683	19,152	185.89	5,683	22,107
185.38	5,683	19,209	185.90	5,683	22,164
185.39	5,683	19,265	185.91	5,683	22,221
185.40	5,683	19,322	185.92	5,683	22,277
185.41	5,683	19,379	185.93	5,683	22,334
185.42	5,683	19,436	185.94	5,683	22,391
185.43	5,683	19,493	185.95	5,683	22,448
185.44	5,683	19,550	185.96	5,683	22,505
185.45	5,683	19,606	185.97	5,683	22,562
185.46	5,683	19,663	185.98	5,683	22,618
185.47	5,683	19,720	185.99	5,683	22,675
185.48	5,683	19,777	186.00	5,683	22,732
185.49	5,683	19,834	186.01	5,683	22,789
185.50	5,683	19,891	186.02	5,683	22,846
185.51	5,683	19,947	186.03	5,683	22,902
185.52	5,683	20,004	186.04	5,683	22,959
185.53	5,683	20,061	186.05	5,683	23,016
185.54	5,683	20,118	186.06	5,683	23,073
185.55	5,683	20,175	186.07	5,683	23,130
185.56	5,683	20,231	186.08	5,683	23,187
185.57	5,683	20,288	186.09	5,683	23,243
185.58	5,683	20,345	186.10	5,683	23,300
185.59	5,683	20,402	186.11	5,683	23,357
185.60	5,683	20,459	186.12	5,683	23,414
185.61	5,683	20,516	186.13	5,683	23,471
185.62	5,683	20,572	186.14	5,683	23,528
185.63	5,683	20,629	186.15	5,683	23,584

Stage-Area-Storage for Pond B-41: Basin #41 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.16	5,683	23,641	186.68	5,683	26,596
186.17	5,683	23,698	186.69	5,683	26,653
186.18	5,683	23,755	186.70	5,683	26,710
186.19	5,683	23,812	186.71	5,683	26,767
186.20	5,683	23,869	186.72	5,683	26,824
186.21	5,683	23,925	186.73	5,683	26,881
186.22	5,683	23,982	186.74	5,683	26,937
186.23	5,683	24,039	186.75	5,683	26,994
186.24	5,683	24,096	186.76	5,683	27,051
186.25	5,683	24,153	186.77	5,683	27,108
186.26	5,683	24,210	186.78	5,683	27,165
186.27	5,683	24,266	186.79	5,683	27,222
186.28	5,683	24,323	186.80	5,683	27,278
186.29	5,683	24,380	186.81	5,683	27,335
186.30	5,683	24,437	186.82	5,683	27,392
186.31	5,683	24,494	186.83	5,683	27,449
186.32	5,683	24,551	186.84	5,683	27,506
186.33	5,683	24,607	186.85	5,683	27,563
186.34	5,683	24,664	186.86	5,683	27,619
186.35	5,683	24,721	186.87	5,683	27,676
186.36	5,683	24,778	186.88	5,683	27,733
186.37	5,683	24,835	186.89	5,683	27,790
186.38	5,683	24,892	186.90	5,683	27,847
186.39	5,683	24,948	186.91	5,683	27,904
186.40	5,683	25,005	186.92	5,683	27,960
186.41	5,683	25,062	186.93	5,683	28,017
186.42	5,683	25,119	186.94	5,683	28,074
186.43	5,683	25,176	186.95	5,683	28,131
186.44	5,683	25,233	186.96	5,683	28,188
186.45	5,683	25,289	186.97	5,683	28,245
186.46	5,683	25,346	186.98	5,683	28,301
186.47	5,683	25,403	186.99	5,683	28,358
186.48	5,683	25,460	187.00	5,683	28,415
186.49	5,683	25,517			
186.50	5,683	25,574			
186.51	5,683	25,630			
186.52	5,683	25,687			
186.53	5,683	25,744			
186.54	5,683	25,801			
186.55	5,683	25,858			
186.56	5,683	25,914			
186.57	5,683	25,971			
186.58	5,683	26,028			
186.59	5,683	26,085			
186.60	5,683	26,142			
186.61	5,683	26,199			
186.62	5,683	26,255			
186.63	5,683	26,312			
186.64	5,683	26,369			
186.65	5,683	26,426			
186.66	5,683	26,483			
186.67	5,683	26,540			

Summary for Pond B-42: Basin #42

Inflow Area = 0.777 ac, 38.35% Impervious, Inflow Depth = 8.90" for Future 100 yr event
 Inflow = 9.08 cfs @ 12.07 hrs, Volume= 0.576 af
 Outflow = 0.33 cfs @ 14.29 hrs, Volume= 0.521 af, Atten= 96%, Lag= 133.2 min
 Primary = 0.33 cfs @ 14.29 hrs, Volume= 0.521 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 185.89' @ 14.29 hrs Surf.Area= 4,763 sf Storage= 16,562 cf

Plug-Flow detention time= 606.1 min calculated for 0.520 af (90% of inflow)
 Center-of-Mass det. time= 556.9 min (1,327.2 - 770.3)

Volume	Invert	Avail.Storage	Storage Description
#1	181.00'	22,250 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

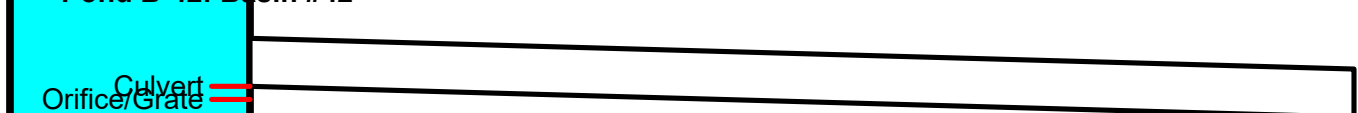
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
181.00	2,142	0	0
182.00	2,613	2,378	2,378
183.00	3,118	2,866	5,243
184.00	3,656	3,387	8,630
185.00	4,227	3,942	12,572
186.00	4,831	4,529	17,101
187.00	5,468	5,150	22,250

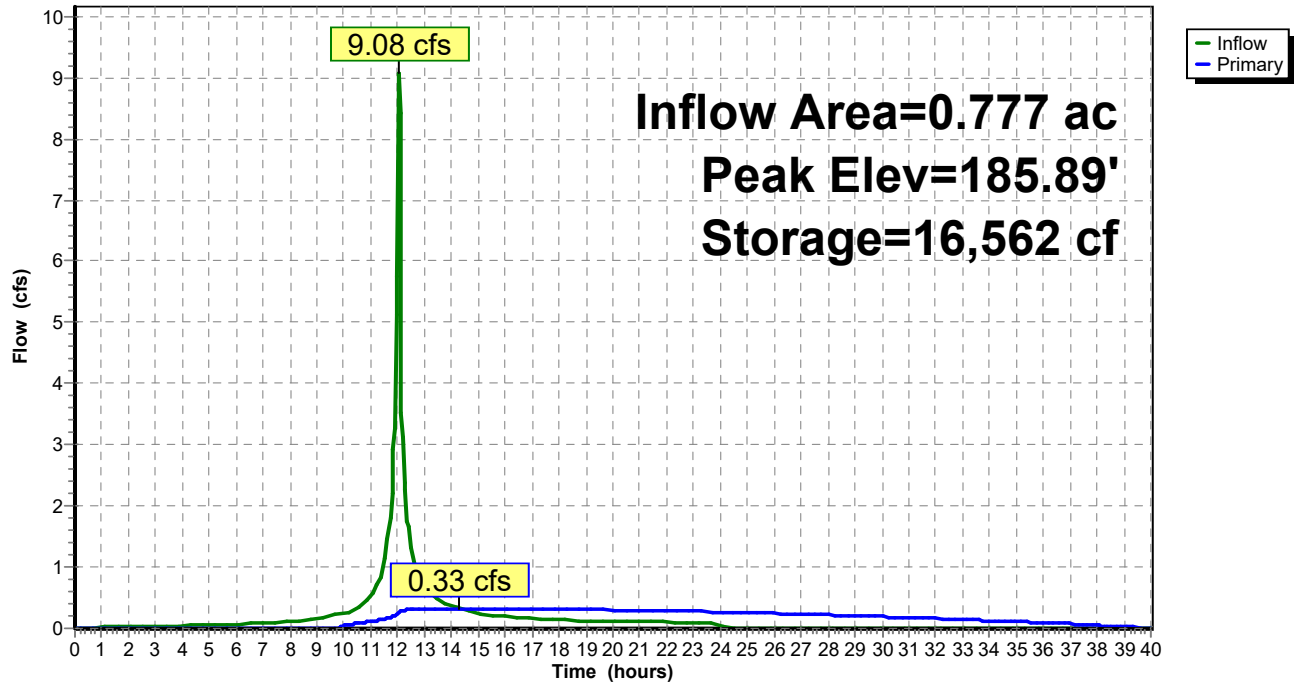
Device	Routing	Invert	Outlet Devices
#1	Primary	181.96'	18.0" Round Culvert L= 192.0' Ke= 0.500 Inlet / Outlet Invert= 181.96' / 181.00' S= 0.0050 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	181.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	186.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	186.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.33 cfs @ 14.29 hrs HW=185.89' (Free Discharge)

- 1=Culvert (Passes 0.33 cfs of 11.66 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 0.33 cfs @ 9.54 fps)
- 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-42: Basin #42



Pond B-42: Basin #42**Hydrograph**

Hydrograph for Pond B-42: Basin #42

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	181.00	0.00
0.10	0.00	0	181.00	0.00
0.20	0.00	0	181.00	0.00
0.30	0.00	0	181.00	0.00
0.40	0.00	0	181.00	0.00
0.50	0.01	1	181.00	0.00
0.60	0.01	4	181.00	0.00
0.70	0.01	7	181.00	0.00
0.80	0.01	12	181.01	0.00
0.90	0.02	17	181.01	0.00
1.00	0.02	23	181.01	0.00
1.10	0.02	30	181.01	0.00
1.20	0.02	37	181.02	0.00
1.30	0.02	45	181.02	0.00
1.40	0.02	53	181.02	0.00
1.50	0.03	62	181.03	0.00
1.60	0.03	71	181.03	0.00
1.70	0.03	81	181.04	0.00
1.80	0.03	91	181.04	0.00
1.90	0.03	101	181.05	0.00
2.00	0.03	112	181.05	0.00
2.10	0.03	123	181.06	0.00
2.20	0.03	134	181.06	0.00
2.30	0.03	146	181.07	0.00
2.40	0.03	158	181.07	0.00
2.50	0.03	170	181.08	0.00
2.60	0.03	183	181.08	0.00
2.70	0.04	195	181.09	0.00
2.80	0.04	208	181.10	0.00
2.90	0.04	222	181.10	0.00
3.00	0.04	235	181.11	0.00
3.10	0.04	249	181.11	0.00
3.20	0.04	262	181.12	0.00
3.30	0.04	277	181.13	0.00
3.40	0.04	291	181.13	0.00
3.50	0.04	305	181.14	0.00
3.60	0.04	320	181.15	0.00
3.70	0.04	335	181.15	0.00
3.80	0.04	350	181.16	0.00
3.90	0.04	365	181.17	0.00
4.00	0.04	380	181.17	0.00
4.10	0.04	396	181.18	0.00
4.20	0.04	411	181.19	0.00
4.30	0.04	427	181.20	0.00
4.40	0.04	443	181.20	0.00
4.50	0.05	460	181.21	0.00
4.60	0.05	476	181.22	0.00
4.70	0.05	493	181.22	0.00
4.80	0.05	509	181.23	0.00
4.90	0.05	526	181.24	0.00
5.00	0.05	543	181.25	0.00
5.10	0.05	560	181.25	0.00

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	578	181.26	0.00
5.30	0.05	596	181.27	0.00
5.40	0.05	614	181.28	0.00
5.50	0.05	633	181.29	0.00
5.60	0.05	653	181.30	0.00
5.70	0.06	672	181.30	0.00
5.80	0.06	693	181.31	0.00
5.90	0.06	713	181.32	0.00
6.00	0.06	734	181.33	0.00
6.10	0.06	756	181.34	0.00
6.20	0.06	779	181.35	0.00
6.30	0.07	802	181.36	0.00
6.40	0.07	827	181.37	0.00
6.50	0.07	852	181.38	0.00
6.60	0.07	878	181.39	0.00
6.70	0.08	905	181.40	0.00
6.80	0.08	933	181.42	0.00
6.90	0.08	962	181.43	0.00
7.00	0.08	992	181.44	0.00
7.10	0.09	1,023	181.45	0.00
7.20	0.09	1,055	181.47	0.00
7.30	0.09	1,088	181.48	0.00
7.40	0.10	1,122	181.50	0.00
7.50	0.10	1,157	181.51	0.00
7.60	0.10	1,194	181.53	0.00
7.70	0.10	1,231	181.54	0.00
7.80	0.11	1,269	181.56	0.00
7.90	0.11	1,308	181.57	0.00
8.00	0.11	1,349	181.59	0.00
8.10	0.12	1,391	181.61	0.00
8.20	0.12	1,434	181.63	0.00
8.30	0.12	1,477	181.64	0.00
8.40	0.13	1,523	181.66	0.00
8.50	0.13	1,569	181.68	0.00
8.60	0.13	1,616	181.70	0.00
8.70	0.14	1,665	181.72	0.00
8.80	0.14	1,715	181.74	0.00
8.90	0.14	1,766	181.76	0.00
9.00	0.15	1,819	181.78	0.00
9.10	0.16	1,874	181.80	0.00
9.20	0.17	1,932	181.83	0.00
9.30	0.18	1,995	181.85	0.00
9.40	0.19	2,060	181.88	0.00
9.50	0.20	2,130	181.90	0.00
9.60	0.21	2,203	181.93	0.00
9.70	0.22	2,279	181.96	0.00
9.80	0.23	2,359	181.99	0.00
9.90	0.24	2,440	182.02	0.01
10.00	0.25	2,520	182.05	0.03
10.10	0.26	2,596	182.08	0.05
10.20	0.27	2,672	182.11	0.06
10.30	0.28	2,749	182.14	0.07

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.30	2,828	182.17	0.07
10.50	0.31	2,910	182.20	0.08
10.60	0.35	3,001	182.23	0.09
10.70	0.39	3,104	182.27	0.09
10.80	0.43	3,219	182.31	0.10
10.90	0.47	3,347	182.36	0.10
11.00	0.52	3,488	182.41	0.11
11.10	0.59	3,651	182.47	0.12
11.20	0.67	3,839	182.53	0.12
11.30	0.75	4,053	182.61	0.13
11.40	0.83	4,293	182.69	0.14
11.50	0.95	4,561	182.78	0.15
11.60	1.41	4,964	182.91	0.16
11.70	1.57	5,441	183.06	0.17
11.80	2.20	6,086	183.26	0.19
11.90	3.25	7,030	183.55	0.21
12.00	5.74	8,680	184.01	0.24
12.10	8.42	11,450	184.73	0.27
12.20	3.11	13,022	185.11	0.29
12.30	2.26	13,827	185.29	0.30
12.40	1.70	14,387	185.42	0.31
12.50	1.56	14,863	185.52	0.31
12.60	1.05	15,180	185.59	0.31
12.70	0.98	15,428	185.65	0.32
12.80	0.89	15,645	185.69	0.32
12.90	0.81	15,832	185.73	0.32
13.00	0.72	15,987	185.77	0.32
13.10	0.64	16,110	185.79	0.32
13.20	0.59	16,213	185.81	0.32
13.30	0.55	16,300	185.83	0.32
13.40	0.50	16,369	185.85	0.32
13.50	0.45	16,421	185.86	0.32
13.60	0.41	16,457	185.87	0.32
13.70	0.40	16,485	185.87	0.32
13.80	0.39	16,509	185.88	0.32
13.90	0.38	16,528	185.88	0.32
14.00	0.36	16,543	185.88	0.33
14.10	0.35	16,554	185.89	0.33
14.20	0.34	16,560	185.89	0.33
14.30	0.33	16,562	185.89	0.33
14.40	0.31	16,559	185.89	0.33
14.50	0.30	16,552	185.89	0.33
14.60	0.29	16,541	185.88	0.33
14.70	0.28	16,526	185.88	0.32
14.80	0.27	16,506	185.88	0.32
14.90	0.25	16,481	185.87	0.32
15.00	0.24	16,453	185.86	0.32
15.10	0.23	16,420	185.86	0.32
15.20	0.23	16,385	185.85	0.32
15.30	0.22	16,350	185.84	0.32
15.40	0.22	16,313	185.84	0.32
15.50	0.22	16,275	185.83	0.32

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.21	16,236	185.82	0.32
15.70	0.21	16,196	185.81	0.32
15.80	0.21	16,155	185.80	0.32
15.90	0.20	16,114	185.79	0.32
16.00	0.20	16,071	185.78	0.32
16.10	0.20	16,027	185.77	0.32
16.20	0.19	15,982	185.76	0.32
16.30	0.19	15,936	185.76	0.32
16.40	0.19	15,889	185.75	0.32
16.50	0.18	15,841	185.73	0.32
16.60	0.18	15,792	185.72	0.32
16.70	0.18	15,742	185.71	0.32
16.80	0.17	15,691	185.70	0.32
16.90	0.17	15,638	185.69	0.32
17.00	0.17	15,586	185.68	0.32
17.10	0.17	15,532	185.67	0.32
17.20	0.16	15,477	185.66	0.32
17.30	0.16	15,420	185.64	0.32
17.40	0.16	15,363	185.63	0.31
17.50	0.15	15,306	185.62	0.31
17.60	0.15	15,247	185.61	0.31
17.70	0.15	15,187	185.59	0.31
17.80	0.14	15,126	185.58	0.31
17.90	0.14	15,064	185.57	0.31
18.00	0.14	15,001	185.55	0.31
18.10	0.13	14,937	185.54	0.31
18.20	0.13	14,873	185.52	0.31
18.30	0.13	14,809	185.51	0.31
18.40	0.13	14,745	185.50	0.31
18.50	0.13	14,681	185.48	0.31
18.60	0.13	14,617	185.47	0.31
18.70	0.13	14,552	185.45	0.31
18.80	0.13	14,488	185.44	0.31
18.90	0.13	14,423	185.43	0.31
19.00	0.13	14,359	185.41	0.30
19.10	0.12	14,294	185.40	0.30
19.20	0.12	14,229	185.38	0.30
19.30	0.12	14,165	185.37	0.30
19.40	0.12	14,100	185.35	0.30
19.50	0.12	14,035	185.34	0.30
19.60	0.12	13,970	185.32	0.30
19.70	0.12	13,905	185.31	0.30
19.80	0.12	13,840	185.29	0.30
19.90	0.12	13,775	185.28	0.30
20.00	0.12	13,710	185.26	0.30
20.10	0.12	13,645	185.25	0.30
20.20	0.12	13,579	185.23	0.30
20.30	0.11	13,514	185.22	0.30
20.40	0.11	13,449	185.20	0.30
20.50	0.11	13,383	185.19	0.29
20.60	0.11	13,318	185.17	0.29
20.70	0.11	13,253	185.16	0.29

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.11	13,187	185.14	0.29
20.90	0.11	13,122	185.13	0.29
21.00	0.11	13,056	185.11	0.29
21.10	0.11	12,990	185.10	0.29
21.20	0.11	12,925	185.08	0.29
21.30	0.11	12,859	185.07	0.29
21.40	0.11	12,793	185.05	0.29
21.50	0.11	12,728	185.04	0.29
21.60	0.10	12,662	185.02	0.29
21.70	0.10	12,596	185.01	0.29
21.80	0.10	12,530	184.99	0.29
21.90	0.10	12,464	184.97	0.28
22.00	0.10	12,398	184.96	0.28
22.10	0.10	12,332	184.94	0.28
22.20	0.10	12,266	184.93	0.28
22.30	0.10	12,200	184.91	0.28
22.40	0.10	12,134	184.90	0.28
22.50	0.10	12,068	184.88	0.28
22.60	0.10	12,002	184.86	0.28
22.70	0.10	11,936	184.85	0.28
22.80	0.09	11,870	184.83	0.28
22.90	0.09	11,804	184.82	0.28
23.00	0.09	11,738	184.80	0.28
23.10	0.09	11,672	184.78	0.28
23.20	0.09	11,606	184.77	0.28
23.30	0.09	11,539	184.75	0.27
23.40	0.09	11,473	184.74	0.27
23.50	0.09	11,407	184.72	0.27
23.60	0.09	11,341	184.70	0.27
23.70	0.09	11,275	184.69	0.27
23.80	0.09	11,209	184.67	0.27
23.90	0.09	11,143	184.65	0.27
24.00	0.09	11,081	184.64	0.27
24.10	0.00	10,994	184.62	0.27
24.20	0.00	10,898	184.59	0.27
24.30	0.00	10,802	184.57	0.27
24.40	0.00	10,707	184.54	0.26
24.50	0.00	10,612	184.52	0.26
24.60	0.00	10,518	184.50	0.26
24.70	0.00	10,424	184.47	0.26
24.80	0.00	10,331	184.45	0.26
24.90	0.00	10,238	184.43	0.26
25.00	0.00	10,145	184.40	0.26
25.10	0.00	10,053	184.38	0.26
25.20	0.00	9,961	184.35	0.25
25.30	0.00	9,870	184.33	0.25
25.40	0.00	9,779	184.31	0.25
25.50	0.00	9,689	184.28	0.25
25.60	0.00	9,599	184.26	0.25
25.70	0.00	9,510	184.24	0.25
25.80	0.00	9,421	184.21	0.25
25.90	0.00	9,332	184.19	0.25

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,244	184.17	0.24
26.10	0.00	9,157	184.14	0.24
26.20	0.00	9,070	184.12	0.24
26.30	0.00	8,983	184.10	0.24
26.40	0.00	8,897	184.07	0.24
26.50	0.00	8,812	184.05	0.24
26.60	0.00	8,726	184.03	0.24
26.70	0.00	8,642	184.00	0.23
26.80	0.00	8,557	183.98	0.23
26.90	0.00	8,474	183.96	0.23
27.00	0.00	8,390	183.93	0.23
27.10	0.00	8,308	183.91	0.23
27.20	0.00	8,225	183.89	0.23
27.30	0.00	8,144	183.87	0.23
27.40	0.00	8,062	183.84	0.23
27.50	0.00	7,981	183.82	0.22
27.60	0.00	7,901	183.80	0.22
27.70	0.00	7,821	183.78	0.22
27.80	0.00	7,742	183.75	0.22
27.90	0.00	7,663	183.73	0.22
28.00	0.00	7,585	183.71	0.22
28.10	0.00	7,507	183.69	0.22
28.20	0.00	7,429	183.66	0.21
28.30	0.00	7,353	183.64	0.21
28.40	0.00	7,276	183.62	0.21
28.50	0.00	7,200	183.60	0.21
28.60	0.00	7,125	183.58	0.21
28.70	0.00	7,050	183.55	0.21
28.80	0.00	6,976	183.53	0.21
28.90	0.00	6,902	183.51	0.20
29.00	0.00	6,829	183.49	0.20
29.10	0.00	6,756	183.47	0.20
29.20	0.00	6,684	183.44	0.20
29.30	0.00	6,612	183.42	0.20
29.40	0.00	6,541	183.40	0.20
29.50	0.00	6,470	183.38	0.20
29.60	0.00	6,400	183.36	0.19
29.70	0.00	6,330	183.34	0.19
29.80	0.00	6,261	183.32	0.19
29.90	0.00	6,193	183.30	0.19
30.00	0.00	6,124	183.28	0.19
30.10	0.00	6,057	183.26	0.19
30.20	0.00	5,990	183.23	0.19
30.30	0.00	5,924	183.21	0.18
30.40	0.00	5,858	183.19	0.18
30.50	0.00	5,792	183.17	0.18
30.60	0.00	5,727	183.15	0.18
30.70	0.00	5,663	183.13	0.18
30.80	0.00	5,599	183.11	0.18
30.90	0.00	5,536	183.09	0.17
31.00	0.00	5,474	183.07	0.17
31.10	0.00	5,412	183.05	0.17

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	5,350	183.03	0.17
31.30	0.00	5,289	183.01	0.17
31.40	0.00	5,229	183.00	0.17
31.50	0.00	5,169	182.98	0.17
31.60	0.00	5,110	182.96	0.16
31.70	0.00	5,051	182.94	0.16
31.80	0.00	4,993	182.92	0.16
31.90	0.00	4,935	182.90	0.16
32.00	0.00	4,878	182.88	0.16
32.10	0.00	4,822	182.86	0.16
32.20	0.00	4,766	182.84	0.15
32.30	0.00	4,711	182.83	0.15
32.40	0.00	4,656	182.81	0.15
32.50	0.00	4,602	182.79	0.15
32.60	0.00	4,548	182.77	0.15
32.70	0.00	4,495	182.76	0.15
32.80	0.00	4,443	182.74	0.14
32.90	0.00	4,391	182.72	0.14
33.00	0.00	4,340	182.70	0.14
33.10	0.00	4,289	182.69	0.14
33.20	0.00	4,239	182.67	0.14
33.30	0.00	4,190	182.65	0.14
33.40	0.00	4,141	182.64	0.13
33.50	0.00	4,092	182.62	0.13
33.60	0.00	4,045	182.60	0.13
33.70	0.00	3,998	182.59	0.13
33.80	0.00	3,951	182.57	0.13
33.90	0.00	3,905	182.55	0.13
34.00	0.00	3,860	182.54	0.12
34.10	0.00	3,815	182.52	0.12
34.20	0.00	3,771	182.51	0.12
34.30	0.00	3,728	182.49	0.12
34.40	0.00	3,685	182.48	0.12
34.50	0.00	3,643	182.46	0.12
34.60	0.00	3,601	182.45	0.11
34.70	0.00	3,560	182.43	0.11
34.80	0.00	3,520	182.42	0.11
34.90	0.00	3,480	182.41	0.11
35.00	0.00	3,441	182.39	0.11
35.10	0.00	3,403	182.38	0.11
35.20	0.00	3,365	182.36	0.10
35.30	0.00	3,327	182.35	0.10
35.40	0.00	3,291	182.34	0.10
35.50	0.00	3,255	182.33	0.10
35.60	0.00	3,219	182.31	0.10
35.70	0.00	3,185	182.30	0.10
35.80	0.00	3,150	182.29	0.09
35.90	0.00	3,117	182.28	0.09
36.00	0.00	3,084	182.26	0.09
36.10	0.00	3,052	182.25	0.09
36.20	0.00	3,020	182.24	0.09
36.30	0.00	2,989	182.23	0.08

Hydrograph for Pond B-42: Basin #42 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,959	182.22	0.08
36.50	0.00	2,929	182.21	0.08
36.60	0.00	2,900	182.20	0.08
36.70	0.00	2,872	182.19	0.08
36.80	0.00	2,844	182.18	0.08
36.90	0.00	2,817	182.17	0.07
37.00	0.00	2,791	182.16	0.07
37.10	0.00	2,765	182.15	0.07
37.20	0.00	2,740	182.14	0.07
37.30	0.00	2,716	182.13	0.07
37.40	0.00	2,692	182.12	0.06
37.50	0.00	2,670	182.11	0.06
37.60	0.00	2,648	182.10	0.06
37.70	0.00	2,627	182.09	0.06
37.80	0.00	2,607	182.09	0.05
37.90	0.00	2,588	182.08	0.05
38.00	0.00	2,570	182.07	0.05
38.10	0.00	2,554	182.07	0.04
38.20	0.00	2,539	182.06	0.04
38.30	0.00	2,525	182.06	0.04
38.40	0.00	2,513	182.05	0.03
38.50	0.00	2,501	182.05	0.03
38.60	0.00	2,491	182.04	0.03
38.70	0.00	2,481	182.04	0.03
38.80	0.00	2,473	182.04	0.02
38.90	0.00	2,465	182.03	0.02
39.00	0.00	2,458	182.03	0.02
39.10	0.00	2,451	182.03	0.02
39.20	0.00	2,445	182.03	0.02
39.30	0.00	2,440	182.02	0.01
39.40	0.00	2,435	182.02	0.01
39.50	0.00	2,430	182.02	0.01
39.60	0.00	2,426	182.02	0.01
39.70	0.00	2,422	182.02	0.01
39.80	0.00	2,418	182.02	0.01
39.90	0.00	2,414	182.01	0.01
40.00	0.00	2,411	182.01	0.01

Stage-Discharge for Pond B-42: Basin #42

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
181.00	0.00	181.52	0.00	182.04	0.02	182.56	0.13
181.01	0.00	181.53	0.00	182.05	0.03	182.57	0.13
181.02	0.00	181.54	0.00	182.06	0.04	182.58	0.13
181.03	0.00	181.55	0.00	182.07	0.04	182.59	0.13
181.04	0.00	181.56	0.00	182.08	0.05	182.60	0.13
181.05	0.00	181.57	0.00	182.09	0.06	182.61	0.13
181.06	0.00	181.58	0.00	182.10	0.06	182.62	0.13
181.07	0.00	181.59	0.00	182.11	0.06	182.63	0.13
181.08	0.00	181.60	0.00	182.12	0.07	182.64	0.14
181.09	0.00	181.61	0.00	182.13	0.07	182.65	0.14
181.10	0.00	181.62	0.00	182.14	0.07	182.66	0.14
181.11	0.00	181.63	0.00	182.15	0.07	182.67	0.14
181.12	0.00	181.64	0.00	182.16	0.07	182.68	0.14
181.13	0.00	181.65	0.00	182.17	0.08	182.69	0.14
181.14	0.00	181.66	0.00	182.18	0.08	182.70	0.14
181.15	0.00	181.67	0.00	182.19	0.08	182.71	0.14
181.16	0.00	181.68	0.00	182.20	0.08	182.72	0.14
181.17	0.00	181.69	0.00	182.21	0.08	182.73	0.14
181.18	0.00	181.70	0.00	182.22	0.08	182.74	0.14
181.19	0.00	181.71	0.00	182.23	0.09	182.75	0.15
181.20	0.00	181.72	0.00	182.24	0.09	182.76	0.15
181.21	0.00	181.73	0.00	182.25	0.09	182.77	0.15
181.22	0.00	181.74	0.00	182.26	0.09	182.78	0.15
181.23	0.00	181.75	0.00	182.27	0.09	182.79	0.15
181.24	0.00	181.76	0.00	182.28	0.09	182.80	0.15
181.25	0.00	181.77	0.00	182.29	0.09	182.81	0.15
181.26	0.00	181.78	0.00	182.30	0.10	182.82	0.15
181.27	0.00	181.79	0.00	182.31	0.10	182.83	0.15
181.28	0.00	181.80	0.00	182.32	0.10	182.84	0.15
181.29	0.00	181.81	0.00	182.33	0.10	182.85	0.15
181.30	0.00	181.82	0.00	182.34	0.10	182.86	0.16
181.31	0.00	181.83	0.00	182.35	0.10	182.87	0.16
181.32	0.00	181.84	0.00	182.36	0.10	182.88	0.16
181.33	0.00	181.85	0.00	182.37	0.11	182.89	0.16
181.34	0.00	181.86	0.00	182.38	0.11	182.90	0.16
181.35	0.00	181.87	0.00	182.39	0.11	182.91	0.16
181.36	0.00	181.88	0.00	182.40	0.11	182.92	0.16
181.37	0.00	181.89	0.00	182.41	0.11	182.93	0.16
181.38	0.00	181.90	0.00	182.42	0.11	182.94	0.16
181.39	0.00	181.91	0.00	182.43	0.11	182.95	0.16
181.40	0.00	181.92	0.00	182.44	0.11	182.96	0.16
181.41	0.00	181.93	0.00	182.45	0.11	182.97	0.16
181.42	0.00	181.94	0.00	182.46	0.12	182.98	0.17
181.43	0.00	181.95	0.00	182.47	0.12	182.99	0.17
181.44	0.00	181.96	0.00	182.48	0.12	183.00	0.17
181.45	0.00	181.97	0.00	182.49	0.12	183.01	0.17
181.46	0.00	181.98	0.00	182.50	0.12	183.02	0.17
181.47	0.00	181.99	0.00	182.51	0.12	183.03	0.17
181.48	0.00	182.00	0.00	182.52	0.12	183.04	0.17
181.49	0.00	182.01	0.01	182.53	0.12	183.05	0.17
181.50	0.00	182.02	0.01	182.54	0.13	183.06	0.17
181.51	0.00	182.03	0.02	182.55	0.13	183.07	0.17

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.08	0.17	183.60	0.21	184.12	0.24	184.64	0.27
183.09	0.17	183.61	0.21	184.13	0.24	184.65	0.27
183.10	0.18	183.62	0.21	184.14	0.24	184.66	0.27
183.11	0.18	183.63	0.21	184.15	0.24	184.67	0.27
183.12	0.18	183.64	0.21	184.16	0.24	184.68	0.27
183.13	0.18	183.65	0.21	184.17	0.24	184.69	0.27
183.14	0.18	183.66	0.21	184.18	0.24	184.70	0.27
183.15	0.18	183.67	0.21	184.19	0.25	184.71	0.27
183.16	0.18	183.68	0.22	184.20	0.25	184.72	0.27
183.17	0.18	183.69	0.22	184.21	0.25	184.73	0.27
183.18	0.18	183.70	0.22	184.22	0.25	184.74	0.27
183.19	0.18	183.71	0.22	184.23	0.25	184.75	0.27
183.20	0.18	183.72	0.22	184.24	0.25	184.76	0.27
183.21	0.18	183.73	0.22	184.25	0.25	184.77	0.28
183.22	0.18	183.74	0.22	184.26	0.25	184.78	0.28
183.23	0.18	183.75	0.22	184.27	0.25	184.79	0.28
183.24	0.19	183.76	0.22	184.28	0.25	184.80	0.28
183.25	0.19	183.77	0.22	184.29	0.25	184.81	0.28
183.26	0.19	183.78	0.22	184.30	0.25	184.82	0.28
183.27	0.19	183.79	0.22	184.31	0.25	184.83	0.28
183.28	0.19	183.80	0.22	184.32	0.25	184.84	0.28
183.29	0.19	183.81	0.22	184.33	0.25	184.85	0.28
183.30	0.19	183.82	0.22	184.34	0.25	184.86	0.28
183.31	0.19	183.83	0.22	184.35	0.25	184.87	0.28
183.32	0.19	183.84	0.23	184.36	0.25	184.88	0.28
183.33	0.19	183.85	0.23	184.37	0.25	184.89	0.28
183.34	0.19	183.86	0.23	184.38	0.26	184.90	0.28
183.35	0.19	183.87	0.23	184.39	0.26	184.91	0.28
183.36	0.19	183.88	0.23	184.40	0.26	184.92	0.28
183.37	0.19	183.89	0.23	184.41	0.26	184.93	0.28
183.38	0.20	183.90	0.23	184.42	0.26	184.94	0.28
183.39	0.20	183.91	0.23	184.43	0.26	184.95	0.28
183.40	0.20	183.92	0.23	184.44	0.26	184.96	0.28
183.41	0.20	183.93	0.23	184.45	0.26	184.97	0.28
183.42	0.20	183.94	0.23	184.46	0.26	184.98	0.29
183.43	0.20	183.95	0.23	184.47	0.26	184.99	0.29
183.44	0.20	183.96	0.23	184.48	0.26	185.00	0.29
183.45	0.20	183.97	0.23	184.49	0.26	185.01	0.29
183.46	0.20	183.98	0.23	184.50	0.26	185.02	0.29
183.47	0.20	183.99	0.23	184.51	0.26	185.03	0.29
183.48	0.20	184.00	0.23	184.52	0.26	185.04	0.29
183.49	0.20	184.01	0.24	184.53	0.26	185.05	0.29
183.50	0.20	184.02	0.24	184.54	0.26	185.06	0.29
183.51	0.20	184.03	0.24	184.55	0.26	185.07	0.29
183.52	0.21	184.04	0.24	184.56	0.26	185.08	0.29
183.53	0.21	184.05	0.24	184.57	0.27	185.09	0.29
183.54	0.21	184.06	0.24	184.58	0.27	185.10	0.29
183.55	0.21	184.07	0.24	184.59	0.27	185.11	0.29
183.56	0.21	184.08	0.24	184.60	0.27	185.12	0.29
183.57	0.21	184.09	0.24	184.61	0.27	185.13	0.29
183.58	0.21	184.10	0.24	184.62	0.27	185.14	0.29
183.59	0.21	184.11	0.24	184.63	0.27	185.15	0.29

Stage-Discharge for Pond B-42: Basin #42 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.16	0.29	185.68	0.32	186.20	1.50	186.72	20.35
185.17	0.29	185.69	0.32	186.21	1.58	186.73	21.40
185.18	0.29	185.70	0.32	186.22	1.67	186.74	22.48
185.19	0.29	185.71	0.32	186.23	1.77	186.75	23.59
185.20	0.30	185.72	0.32	186.24	1.86	186.76	24.72
185.21	0.30	185.73	0.32	186.25	1.95	186.77	25.88
185.22	0.30	185.74	0.32	186.26	2.05	186.78	27.07
185.23	0.30	185.75	0.32	186.27	2.15	186.79	28.28
185.24	0.30	185.76	0.32	186.28	2.25	186.80	29.51
185.25	0.30	185.77	0.32	186.29	2.35	186.81	30.78
185.26	0.30	185.78	0.32	186.30	2.46	186.82	32.06
185.27	0.30	185.79	0.32	186.31	2.56	186.83	33.37
185.28	0.30	185.80	0.32	186.32	2.67	186.84	34.71
185.29	0.30	185.81	0.32	186.33	2.78	186.85	36.07
185.30	0.30	185.82	0.32	186.34	2.89	186.86	37.46
185.31	0.30	185.83	0.32	186.35	3.00	186.87	38.87
185.32	0.30	185.84	0.32	186.36	3.12	186.88	40.31
185.33	0.30	185.85	0.32	186.37	3.23	186.89	41.77
185.34	0.30	185.86	0.32	186.38	3.35	186.90	43.26
185.35	0.30	185.87	0.32	186.39	3.47	186.91	44.80
185.36	0.30	185.88	0.32	186.40	3.59	186.92	46.36
185.37	0.30	185.89	0.33	186.41	3.71	186.93	47.96
185.38	0.30	185.90	0.33	186.42	3.83	186.94	49.58
185.39	0.30	185.91	0.33	186.43	3.96	186.95	51.22
185.40	0.30	185.92	0.33	186.44	4.08	186.96	52.90
185.41	0.30	185.93	0.33	186.45	4.21	186.97	54.60
185.42	0.31	185.94	0.33	186.46	4.34	186.98	56.32
185.43	0.31	185.95	0.33	186.47	4.46	186.99	58.08
185.44	0.31	185.96	0.33	186.48	4.59	187.00	59.86
185.45	0.31	185.97	0.33	186.49	4.73		
185.46	0.31	185.98	0.33	186.50	4.86		
185.47	0.31	185.99	0.33	186.51	5.11		
185.48	0.31	186.00	0.33	186.52	5.46		
185.49	0.31	186.01	0.34	186.53	5.87		
185.50	0.31	186.02	0.37	186.54	6.34		
185.51	0.31	186.03	0.40	186.55	6.85		
185.52	0.31	186.04	0.44	186.56	7.40		
185.53	0.31	186.05	0.48	186.57	7.99		
185.54	0.31	186.06	0.52	186.58	8.62		
185.55	0.31	186.07	0.57	186.59	9.28		
185.56	0.31	186.08	0.63	186.60	9.97		
185.57	0.31	186.09	0.69	186.61	10.69		
185.58	0.31	186.10	0.75	186.62	11.43		
185.59	0.31	186.11	0.81	186.63	12.21		
185.60	0.31	186.12	0.88	186.64	13.01		
185.61	0.31	186.13	0.94	186.65	13.83		
185.62	0.31	186.14	1.02	186.66	14.68		
185.63	0.31	186.15	1.09	186.67	15.56		
185.64	0.31	186.16	1.17	186.68	16.45		
185.65	0.32	186.17	1.25	186.69	17.37		
185.66	0.32	186.18	1.33	186.70	18.31		
185.67	0.32	186.19	1.41	186.71	19.32		

Stage-Area-Storage for Pond B-42: Basin #42

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.00	2,142	0	181.52	2,387	1,178
181.01	2,147	21	181.53	2,392	1,201
181.02	2,151	43	181.54	2,396	1,225
181.03	2,156	64	181.55	2,401	1,249
181.04	2,161	86	181.56	2,406	1,273
181.05	2,166	108	181.57	2,410	1,297
181.06	2,170	129	181.58	2,415	1,322
181.07	2,175	151	181.59	2,420	1,346
181.08	2,180	173	181.60	2,425	1,370
181.09	2,184	195	181.61	2,429	1,394
181.10	2,189	217	181.62	2,434	1,419
181.11	2,194	238	181.63	2,439	1,443
181.12	2,199	260	181.64	2,443	1,467
181.13	2,203	282	181.65	2,448	1,492
181.14	2,208	304	181.66	2,453	1,516
181.15	2,213	327	181.67	2,458	1,541
181.16	2,217	349	181.68	2,462	1,565
181.17	2,222	371	181.69	2,467	1,590
181.18	2,227	393	181.70	2,472	1,615
181.19	2,231	415	181.71	2,476	1,640
181.20	2,236	438	181.72	2,481	1,664
181.21	2,241	460	181.73	2,486	1,689
181.22	2,246	483	181.74	2,491	1,714
181.23	2,250	505	181.75	2,495	1,739
181.24	2,255	528	181.76	2,500	1,764
181.25	2,260	550	181.77	2,505	1,789
181.26	2,264	573	181.78	2,509	1,814
181.27	2,269	596	181.79	2,514	1,839
181.28	2,274	618	181.80	2,519	1,864
181.29	2,279	641	181.81	2,524	1,890
181.30	2,283	664	181.82	2,528	1,915
181.31	2,288	687	181.83	2,533	1,940
181.32	2,293	710	181.84	2,538	1,965
181.33	2,297	733	181.85	2,542	1,991
181.34	2,302	756	181.86	2,547	2,016
181.35	2,307	779	181.87	2,552	2,042
181.36	2,312	802	181.88	2,556	2,067
181.37	2,316	825	181.89	2,561	2,093
181.38	2,321	848	181.90	2,566	2,119
181.39	2,326	871	181.91	2,571	2,144
181.40	2,330	894	181.92	2,575	2,170
181.41	2,335	918	181.93	2,580	2,196
181.42	2,340	941	181.94	2,585	2,222
181.43	2,345	965	181.95	2,589	2,247
181.44	2,349	988	181.96	2,594	2,273
181.45	2,354	1,012	181.97	2,599	2,299
181.46	2,359	1,035	181.98	2,604	2,325
181.47	2,363	1,059	181.99	2,608	2,351
181.48	2,368	1,082	182.00	2,613	2,378
181.49	2,373	1,106	182.01	2,618	2,404
181.50	2,378	1,130	182.02	2,623	2,430
181.51	2,382	1,154	182.03	2,628	2,456

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.04	2,633	2,482	182.56	2,896	3,920
182.05	2,638	2,509	182.57	2,901	3,949
182.06	2,643	2,535	182.58	2,906	3,978
182.07	2,648	2,562	182.59	2,911	4,007
182.08	2,653	2,588	182.60	2,916	4,036
182.09	2,658	2,615	182.61	2,921	4,065
182.10	2,663	2,641	182.62	2,926	4,095
182.11	2,669	2,668	182.63	2,931	4,124
182.12	2,674	2,695	182.64	2,936	4,153
182.13	2,679	2,721	182.65	2,941	4,183
182.14	2,684	2,748	182.66	2,946	4,212
182.15	2,689	2,775	182.67	2,951	4,242
182.16	2,694	2,802	182.68	2,956	4,271
182.17	2,699	2,829	182.69	2,961	4,301
182.18	2,704	2,856	182.70	2,966	4,330
182.19	2,709	2,883	182.71	2,972	4,360
182.20	2,714	2,910	182.72	2,977	4,390
182.21	2,719	2,937	182.73	2,982	4,420
182.22	2,724	2,965	182.74	2,987	4,449
182.23	2,729	2,992	182.75	2,992	4,479
182.24	2,734	3,019	182.76	2,997	4,509
182.25	2,739	3,047	182.77	3,002	4,539
182.26	2,744	3,074	182.78	3,007	4,569
182.27	2,749	3,101	182.79	3,012	4,599
182.28	2,754	3,129	182.80	3,017	4,630
182.29	2,759	3,157	182.81	3,022	4,660
182.30	2,765	3,184	182.82	3,027	4,690
182.31	2,770	3,212	182.83	3,032	4,720
182.32	2,775	3,240	182.84	3,037	4,751
182.33	2,780	3,267	182.85	3,042	4,781
182.34	2,785	3,295	182.86	3,047	4,811
182.35	2,790	3,323	182.87	3,052	4,842
182.36	2,795	3,351	182.88	3,057	4,872
182.37	2,800	3,379	182.89	3,062	4,903
182.38	2,805	3,407	182.90	3,068	4,934
182.39	2,810	3,435	182.91	3,073	4,964
182.40	2,815	3,463	182.92	3,078	4,995
182.41	2,820	3,491	182.93	3,083	5,026
182.42	2,825	3,520	182.94	3,088	5,057
182.43	2,830	3,548	182.95	3,093	5,088
182.44	2,835	3,576	182.96	3,098	5,119
182.45	2,840	3,604	182.97	3,103	5,150
182.46	2,845	3,633	182.98	3,108	5,181
182.47	2,850	3,661	182.99	3,113	5,212
182.48	2,855	3,690	183.00	3,118	5,243
182.49	2,860	3,718	183.01	3,123	5,274
182.50	2,866	3,747	183.02	3,129	5,305
182.51	2,871	3,776	183.03	3,134	5,337
182.52	2,876	3,805	183.04	3,140	5,368
182.53	2,881	3,833	183.05	3,145	5,400
182.54	2,886	3,862	183.06	3,150	5,431
182.55	2,891	3,891	183.07	3,156	5,463

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.08	3,161	5,494	183.60	3,441	7,211
183.09	3,166	5,526	183.61	3,446	7,245
183.10	3,172	5,557	183.62	3,452	7,280
183.11	3,177	5,589	183.63	3,457	7,314
183.12	3,183	5,621	183.64	3,462	7,349
183.13	3,188	5,653	183.65	3,468	7,383
183.14	3,193	5,685	183.66	3,473	7,418
183.15	3,199	5,717	183.67	3,478	7,453
183.16	3,204	5,749	183.68	3,484	7,488
183.17	3,209	5,781	183.69	3,489	7,522
183.18	3,215	5,813	183.70	3,495	7,557
183.19	3,220	5,845	183.71	3,500	7,592
183.20	3,226	5,877	183.72	3,505	7,627
183.21	3,231	5,910	183.73	3,511	7,662
183.22	3,236	5,942	183.74	3,516	7,698
183.23	3,242	5,974	183.75	3,522	7,733
183.24	3,247	6,007	183.76	3,527	7,768
183.25	3,253	6,039	183.77	3,532	7,803
183.26	3,258	6,072	183.78	3,538	7,839
183.27	3,263	6,104	183.79	3,543	7,874
183.28	3,269	6,137	183.80	3,548	7,910
183.29	3,274	6,170	183.81	3,554	7,945
183.30	3,279	6,203	183.82	3,559	7,981
183.31	3,285	6,235	183.83	3,565	8,016
183.32	3,290	6,268	183.84	3,570	8,052
183.33	3,296	6,301	183.85	3,575	8,088
183.34	3,301	6,334	183.86	3,581	8,123
183.35	3,306	6,367	183.87	3,586	8,159
183.36	3,312	6,400	183.88	3,591	8,195
183.37	3,317	6,433	183.89	3,597	8,231
183.38	3,322	6,467	183.90	3,602	8,267
183.39	3,328	6,500	183.91	3,608	8,303
183.40	3,333	6,533	183.92	3,613	8,339
183.41	3,339	6,567	183.93	3,618	8,375
183.42	3,344	6,600	183.94	3,624	8,412
183.43	3,349	6,633	183.95	3,629	8,448
183.44	3,355	6,667	183.96	3,634	8,484
183.45	3,360	6,701	183.97	3,640	8,521
183.46	3,365	6,734	183.98	3,645	8,557
183.47	3,371	6,768	183.99	3,651	8,593
183.48	3,376	6,802	184.00	3,656	8,630
183.49	3,382	6,835	184.01	3,662	8,667
183.50	3,387	6,869	184.02	3,667	8,703
183.51	3,392	6,903	184.03	3,673	8,740
183.52	3,398	6,937	184.04	3,679	8,777
183.53	3,403	6,971	184.05	3,685	8,814
183.54	3,409	7,005	184.06	3,690	8,850
183.55	3,414	7,039	184.07	3,696	8,887
183.56	3,419	7,073	184.08	3,702	8,924
183.57	3,425	7,108	184.09	3,707	8,961
183.58	3,430	7,142	184.10	3,713	8,998
183.59	3,435	7,176	184.11	3,719	9,036

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.12	3,725	9,073	184.64	4,021	11,087
184.13	3,730	9,110	184.65	4,027	11,127
184.14	3,736	9,147	184.66	4,033	11,167
184.15	3,742	9,185	184.67	4,039	11,208
184.16	3,747	9,222	184.68	4,044	11,248
184.17	3,753	9,260	184.69	4,050	11,289
184.18	3,759	9,297	184.70	4,056	11,329
184.19	3,764	9,335	184.71	4,061	11,370
184.20	3,770	9,373	184.72	4,067	11,410
184.21	3,776	9,410	184.73	4,073	11,451
184.22	3,782	9,448	184.74	4,079	11,492
184.23	3,787	9,486	184.75	4,084	11,533
184.24	3,793	9,524	184.76	4,090	11,573
184.25	3,799	9,562	184.77	4,096	11,614
184.26	3,804	9,600	184.78	4,101	11,655
184.27	3,810	9,638	184.79	4,107	11,696
184.28	3,816	9,676	184.80	4,113	11,738
184.29	3,822	9,714	184.81	4,119	11,779
184.30	3,827	9,752	184.82	4,124	11,820
184.31	3,833	9,791	184.83	4,130	11,861
184.32	3,839	9,829	184.84	4,136	11,902
184.33	3,844	9,868	184.85	4,141	11,944
184.34	3,850	9,906	184.86	4,147	11,985
184.35	3,856	9,945	184.87	4,153	12,027
184.36	3,862	9,983	184.88	4,158	12,068
184.37	3,867	10,022	184.89	4,164	12,110
184.38	3,873	10,061	184.90	4,170	12,152
184.39	3,879	10,099	184.91	4,176	12,193
184.40	3,884	10,138	184.92	4,181	12,235
184.41	3,890	10,177	184.93	4,187	12,277
184.42	3,896	10,216	184.94	4,193	12,319
184.43	3,902	10,255	184.95	4,198	12,361
184.44	3,907	10,294	184.96	4,204	12,403
184.45	3,913	10,333	184.97	4,210	12,445
184.46	3,919	10,372	184.98	4,216	12,487
184.47	3,924	10,411	184.99	4,221	12,529
184.48	3,930	10,451	185.00	4,227	12,572
184.49	3,936	10,490	185.01	4,233	12,614
184.50	3,942	10,529	185.02	4,239	12,656
184.51	3,947	10,569	185.03	4,245	12,699
184.52	3,953	10,608	185.04	4,251	12,741
184.53	3,959	10,648	185.05	4,257	12,784
184.54	3,964	10,687	185.06	4,263	12,826
184.55	3,970	10,727	185.07	4,269	12,869
184.56	3,976	10,767	185.08	4,275	12,912
184.57	3,981	10,807	185.09	4,281	12,954
184.58	3,987	10,847	185.10	4,287	12,997
184.59	3,993	10,886	185.11	4,293	13,040
184.60	3,999	10,926	185.12	4,299	13,083
184.61	4,004	10,966	185.13	4,306	13,126
184.62	4,010	11,006	185.14	4,312	13,169
184.63	4,016	11,047	185.15	4,318	13,212

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.16	4,324	13,256	185.68	4,638	15,586
185.17	4,330	13,299	185.69	4,644	15,632
185.18	4,336	13,342	185.70	4,650	15,678
185.19	4,342	13,386	185.71	4,656	15,725
185.20	4,348	13,429	185.72	4,662	15,771
185.21	4,354	13,472	185.73	4,668	15,818
185.22	4,360	13,516	185.74	4,674	15,865
185.23	4,366	13,560	185.75	4,680	15,912
185.24	4,372	13,603	185.76	4,686	15,958
185.25	4,378	13,647	185.77	4,692	16,005
185.26	4,384	13,691	185.78	4,698	16,052
185.27	4,390	13,735	185.79	4,704	16,099
185.28	4,396	13,779	185.80	4,710	16,146
185.29	4,402	13,823	185.81	4,716	16,194
185.30	4,408	13,867	185.82	4,722	16,241
185.31	4,414	13,911	185.83	4,728	16,288
185.32	4,420	13,955	185.84	4,734	16,335
185.33	4,426	13,999	185.85	4,740	16,383
185.34	4,432	14,044	185.86	4,746	16,430
185.35	4,438	14,088	185.87	4,752	16,478
185.36	4,444	14,132	185.88	4,759	16,525
185.37	4,450	14,177	185.89	4,765	16,573
185.38	4,457	14,221	185.90	4,771	16,620
185.39	4,463	14,266	185.91	4,777	16,668
185.40	4,469	14,311	185.92	4,783	16,716
185.41	4,475	14,355	185.93	4,789	16,764
185.42	4,481	14,400	185.94	4,795	16,812
185.43	4,487	14,445	185.95	4,801	16,860
185.44	4,493	14,490	185.96	4,807	16,908
185.45	4,499	14,535	185.97	4,813	16,956
185.46	4,505	14,580	185.98	4,819	17,004
185.47	4,511	14,625	185.99	4,825	17,052
185.48	4,517	14,670	186.00	4,831	17,101
185.49	4,523	14,715	186.01	4,837	17,149
185.50	4,529	14,761	186.02	4,844	17,197
185.51	4,535	14,806	186.03	4,850	17,246
185.52	4,541	14,851	186.04	4,856	17,294
185.53	4,547	14,897	186.05	4,863	17,343
185.54	4,553	14,942	186.06	4,869	17,392
185.55	4,559	14,988	186.07	4,876	17,440
185.56	4,565	15,033	186.08	4,882	17,489
185.57	4,571	15,079	186.09	4,888	17,538
185.58	4,577	15,125	186.10	4,895	17,587
185.59	4,583	15,171	186.11	4,901	17,636
185.60	4,589	15,216	186.12	4,907	17,685
185.61	4,595	15,262	186.13	4,914	17,734
185.62	4,601	15,308	186.14	4,920	17,783
185.63	4,608	15,354	186.15	4,927	17,832
185.64	4,614	15,400	186.16	4,933	17,882
185.65	4,620	15,447	186.17	4,939	17,931
185.66	4,626	15,493	186.18	4,946	17,980
185.67	4,632	15,539	186.19	4,952	18,030

Stage-Area-Storage for Pond B-42: Basin #42 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.20	4,958	18,079	186.72	5,290	20,744
186.21	4,965	18,129	186.73	5,296	20,797
186.22	4,971	18,179	186.74	5,302	20,850
186.23	4,978	18,228	186.75	5,309	20,903
186.24	4,984	18,278	186.76	5,315	20,956
186.25	4,990	18,328	186.77	5,321	21,009
186.26	4,997	18,378	186.78	5,328	21,062
186.27	5,003	18,428	186.79	5,334	21,116
186.28	5,009	18,478	186.80	5,341	21,169
186.29	5,016	18,528	186.81	5,347	21,223
186.30	5,022	18,578	186.82	5,353	21,276
186.31	5,028	18,629	186.83	5,360	21,330
186.32	5,035	18,679	186.84	5,366	21,383
186.33	5,041	18,729	186.85	5,372	21,437
186.34	5,048	18,780	186.86	5,379	21,491
186.35	5,054	18,830	186.87	5,385	21,545
186.36	5,060	18,881	186.88	5,392	21,598
186.37	5,067	18,932	186.89	5,398	21,652
186.38	5,073	18,982	186.90	5,404	21,706
186.39	5,079	19,033	186.91	5,411	21,760
186.40	5,086	19,084	186.92	5,417	21,815
186.41	5,092	19,135	186.93	5,423	21,869
186.42	5,099	19,186	186.94	5,430	21,923
186.43	5,105	19,237	186.95	5,436	21,977
186.44	5,111	19,288	186.96	5,443	22,032
186.45	5,118	19,339	186.97	5,449	22,086
186.46	5,124	19,390	186.98	5,455	22,141
186.47	5,130	19,441	186.99	5,462	22,195
186.48	5,137	19,493	187.00	5,468	22,250
186.49	5,143	19,544			
186.50	5,150	19,596			
186.51	5,156	19,647			
186.52	5,162	19,699			
186.53	5,169	19,750			
186.54	5,175	19,802			
186.55	5,181	19,854			
186.56	5,188	19,906			
186.57	5,194	19,958			
186.58	5,200	20,010			
186.59	5,207	20,062			
186.60	5,213	20,114			
186.61	5,220	20,166			
186.62	5,226	20,218			
186.63	5,232	20,270			
186.64	5,239	20,323			
186.65	5,245	20,375			
186.66	5,251	20,428			
186.67	5,258	20,480			
186.68	5,264	20,533			
186.69	5,271	20,586			
186.70	5,277	20,638			
186.71	5,283	20,691			

Summary for Pond B-43: Basin #43

Inflow Area = 2.712 ac, 33.89% Impervious, Inflow Depth = 8.76" for Future 100 yr event
 Inflow = 21.57 cfs @ 12.10 hrs, Volume= 1.980 af
 Outflow = 15.28 cfs @ 12.26 hrs, Volume= 1.838 af, Atten= 29%, Lag= 9.8 min
 Primary = 15.28 cfs @ 12.26 hrs, Volume= 1.838 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 180.27' @ 12.26 hrs Surf.Area= 7,055 sf Storage= 23,097 cf

Plug-Flow detention time= 192.5 min calculated for 1.835 af (93% of inflow)
 Center-of-Mass det. time= 154.0 min (933.5 - 779.5)

Volume	Invert	Avail.Storage	Storage Description
#1	177.00'	28,220 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

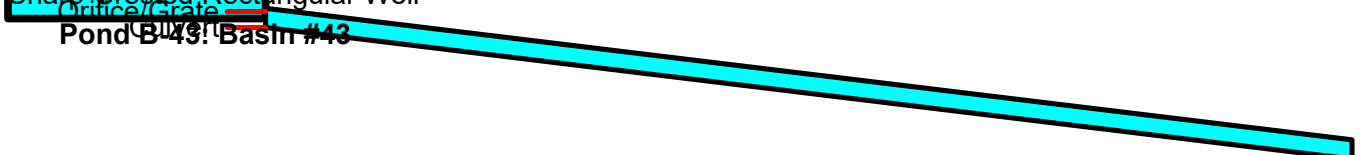
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
177.00	7,055	0	0
178.00	7,055	7,055	7,055
179.00	7,055	7,055	14,110
180.00	7,055	7,055	21,165
181.00	7,055	7,055	28,220

Device	Routing	Invert	Outlet Devices
#1	Primary	176.30'	18.0" Round Culvert L= 200.0' Ke= 0.500 Inlet / Outlet Invert= 176.30' / 166.10' S= 0.0510 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	177.56'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	178.90'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	180.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=15.27 cfs @ 12.26 hrs HW=180.27' (Free Discharge)

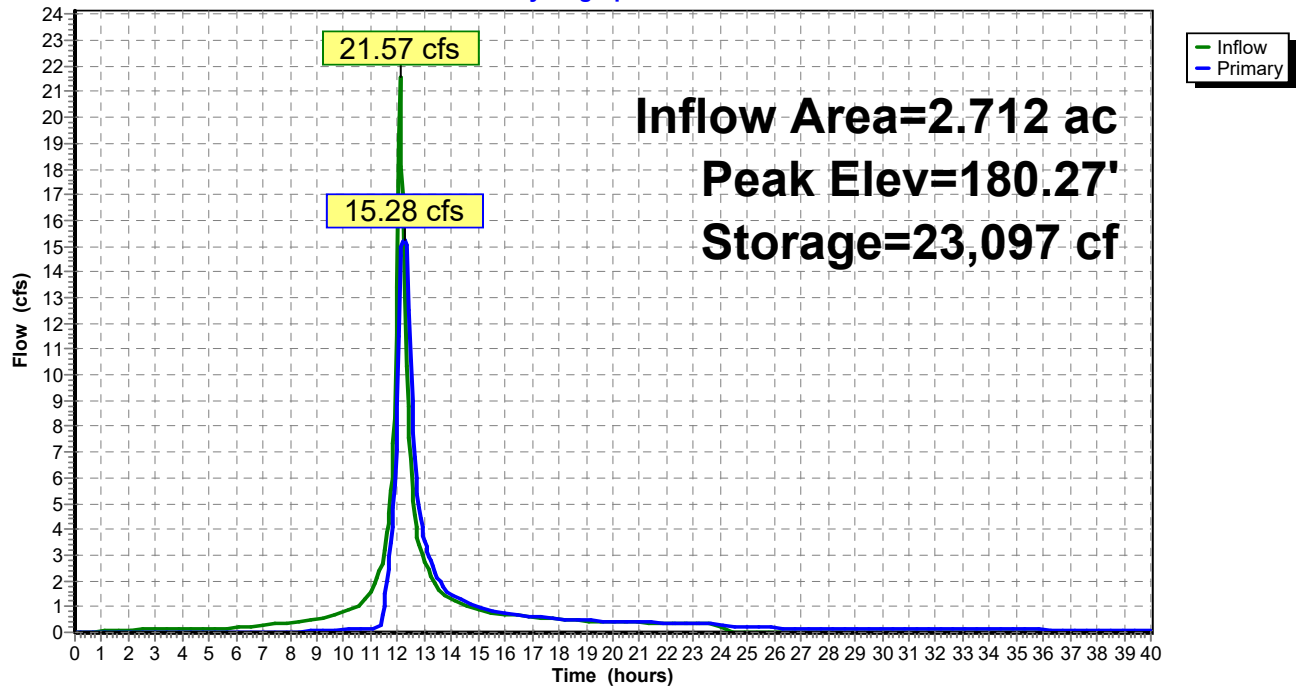
- 1=Culvert (Inlet Controls 15.27 cfs @ 8.64 fps)
- 2=Orifice/Grate (Passes < 0.26 cfs potential flow)
- 3=Sharp-Crested Rectangular Weir(Passes < 19.51 cfs potential flow)
- 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Pond B-43: Basin #43



Pond B-43: Basin #43

Hydrograph



Hydrograph for Pond B-43: Basin #43

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	177.00	0.00
0.10	0.00	0	177.00	0.00
0.20	0.00	0	177.00	0.00
0.30	0.00	0	177.00	0.00
0.40	0.00	1	177.00	0.00
0.50	0.02	4	177.00	0.00
0.60	0.02	11	177.00	0.00
0.70	0.03	22	177.00	0.00
0.80	0.04	35	177.01	0.00
0.90	0.05	51	177.01	0.00
1.00	0.05	70	177.01	0.00
1.10	0.06	90	177.01	0.00
1.20	0.06	112	177.02	0.00
1.30	0.07	136	177.02	0.00
1.40	0.07	162	177.02	0.00
1.50	0.08	189	177.03	0.00
1.60	0.08	217	177.03	0.00
1.70	0.08	247	177.03	0.00
1.80	0.09	278	177.04	0.00
1.90	0.09	310	177.04	0.00
2.00	0.09	343	177.05	0.00
2.10	0.10	377	177.05	0.00
2.20	0.10	412	177.06	0.00
2.30	0.10	448	177.06	0.00
2.40	0.10	485	177.07	0.00
2.50	0.11	522	177.07	0.00
2.60	0.11	561	177.08	0.00
2.70	0.11	600	177.09	0.00
2.80	0.11	640	177.09	0.00
2.90	0.11	681	177.10	0.00
3.00	0.12	722	177.10	0.00
3.10	0.12	764	177.11	0.00
3.20	0.12	807	177.11	0.00
3.30	0.12	850	177.12	0.00
3.40	0.12	894	177.13	0.00
3.50	0.13	939	177.13	0.00
3.60	0.13	984	177.14	0.00
3.70	0.13	1,029	177.15	0.00
3.80	0.13	1,076	177.15	0.00
3.90	0.13	1,122	177.16	0.00
4.00	0.13	1,170	177.17	0.00
4.10	0.13	1,218	177.17	0.00
4.20	0.14	1,266	177.18	0.00
4.30	0.14	1,315	177.19	0.00
4.40	0.14	1,365	177.19	0.00
4.50	0.14	1,414	177.20	0.00
4.60	0.14	1,465	177.21	0.00
4.70	0.14	1,516	177.21	0.00
4.80	0.14	1,567	177.22	0.00
4.90	0.14	1,619	177.23	0.00
5.00	0.15	1,671	177.24	0.00
5.10	0.15	1,724	177.24	0.00

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.15	1,778	177.25	0.00
5.30	0.15	1,832	177.26	0.00
5.40	0.16	1,888	177.27	0.00
5.50	0.16	1,945	177.28	0.00
5.60	0.17	2,004	177.28	0.00
5.70	0.17	2,065	177.29	0.00
5.80	0.17	2,127	177.30	0.00
5.90	0.18	2,190	177.31	0.00
6.00	0.18	2,255	177.32	0.00
6.10	0.19	2,322	177.33	0.00
6.20	0.20	2,392	177.34	0.00
6.30	0.21	2,464	177.35	0.00
6.40	0.21	2,540	177.36	0.00
6.50	0.22	2,618	177.37	0.00
6.60	0.23	2,700	177.38	0.00
6.70	0.24	2,784	177.39	0.00
6.80	0.25	2,872	177.41	0.00
6.90	0.26	2,962	177.42	0.00
7.00	0.26	3,056	177.43	0.00
7.10	0.27	3,153	177.45	0.00
7.20	0.28	3,254	177.46	0.00
7.30	0.29	3,358	177.48	0.00
7.40	0.30	3,465	177.49	0.00
7.50	0.31	3,576	177.51	0.00
7.60	0.32	3,691	177.52	0.00
7.70	0.33	3,809	177.54	0.00
7.80	0.34	3,930	177.56	0.00
7.90	0.35	4,056	177.57	0.00
8.00	0.36	4,185	177.59	0.00
8.10	0.37	4,316	177.61	0.01
8.20	0.39	4,451	177.63	0.01
8.30	0.40	4,587	177.65	0.01
8.40	0.41	4,725	177.67	0.02
8.50	0.42	4,866	177.69	0.03
8.60	0.43	5,008	177.71	0.03
8.70	0.44	5,151	177.73	0.04
8.80	0.45	5,296	177.75	0.05
8.90	0.46	5,443	177.77	0.05
9.00	0.48	5,593	177.79	0.06
9.10	0.50	5,748	177.81	0.06
9.20	0.53	5,910	177.84	0.07
9.30	0.56	6,082	177.86	0.07
9.40	0.59	6,264	177.89	0.08
9.50	0.63	6,456	177.92	0.08
9.60	0.66	6,658	177.94	0.09
9.70	0.70	6,872	177.97	0.09
9.80	0.73	7,096	178.01	0.10
9.90	0.77	7,332	178.04	0.10
10.00	0.81	7,579	178.07	0.11
10.10	0.84	7,838	178.11	0.11
10.20	0.88	8,109	178.15	0.11
10.30	0.92	8,393	178.19	0.12

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.96	8,688	178.23	0.12
10.50	1.01	8,998	178.28	0.13
10.60	1.10	9,331	178.32	0.13
10.70	1.21	9,700	178.37	0.14
10.80	1.34	10,111	178.43	0.14
10.90	1.47	10,567	178.50	0.15
11.00	1.62	11,071	178.57	0.16
11.10	1.82	11,638	178.65	0.16
11.20	2.06	12,281	178.74	0.17
11.30	2.32	13,011	178.84	0.18
11.40	2.59	13,816	178.96	0.37
11.50	2.88	14,549	179.06	1.05
11.60	3.85	15,263	179.16	1.95
11.70	4.61	15,908	179.25	2.93
11.80	6.01	16,597	179.35	4.11
11.90	8.32	17,456	179.47	5.75
12.00	13.44	18,902	179.68	8.88
12.10	21.56	21,297	180.02	14.61
12.20	18.23	22,765	180.23	15.17
12.30	13.10	22,945	180.25	15.23
12.40	8.77	21,384	180.03	14.67
12.50	6.72	19,612	179.78	10.56
12.60	5.07	18,411	179.61	7.77
12.70	4.08	17,585	179.49	6.01
12.80	3.49	16,990	179.41	4.84
12.90	3.11	16,574	179.35	4.07
13.00	2.79	16,268	179.31	3.53
13.10	2.49	16,021	179.27	3.11
13.20	2.26	15,814	179.24	2.77
13.30	2.06	15,639	179.22	2.50
13.40	1.89	15,489	179.20	2.27
13.50	1.73	15,355	179.18	2.08
13.60	1.57	15,230	179.16	1.90
13.70	1.46	15,118	179.14	1.75
13.80	1.39	15,024	179.13	1.62
13.90	1.35	14,950	179.12	1.53
14.00	1.30	14,890	179.11	1.45
14.10	1.26	14,839	179.10	1.39
14.20	1.22	14,794	179.10	1.33
14.30	1.17	14,753	179.09	1.28
14.40	1.13	14,715	179.09	1.23
14.50	1.09	14,678	179.08	1.19
14.60	1.05	14,641	179.08	1.15
14.70	1.01	14,604	179.07	1.11
14.80	0.96	14,566	179.06	1.07
14.90	0.92	14,529	179.06	1.02
15.00	0.88	14,491	179.05	0.98
15.10	0.84	14,453	179.05	0.94
15.20	0.81	14,417	179.04	0.90
15.30	0.79	14,386	179.04	0.87
15.40	0.78	14,361	179.04	0.84
15.50	0.76	14,338	179.03	0.82

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.75	14,319	179.03	0.80
15.70	0.74	14,303	179.03	0.79
15.80	0.73	14,287	179.03	0.77
15.90	0.72	14,273	179.02	0.76
16.00	0.71	14,259	179.02	0.74
16.10	0.70	14,246	179.02	0.73
16.20	0.69	14,234	179.02	0.72
16.30	0.68	14,222	179.02	0.71
16.40	0.66	14,210	179.01	0.70
16.50	0.65	14,197	179.01	0.69
16.60	0.64	14,185	179.01	0.67
16.70	0.63	14,174	179.01	0.66
16.80	0.62	14,162	179.01	0.65
16.90	0.61	14,150	179.01	0.64
17.00	0.60	14,138	179.00	0.63
17.10	0.59	14,127	179.00	0.62
17.20	0.57	14,115	179.00	0.61
17.30	0.56	14,103	179.00	0.60
17.40	0.55	14,091	179.00	0.59
17.50	0.54	14,078	179.00	0.58
17.60	0.53	14,064	178.99	0.57
17.70	0.52	14,051	178.99	0.55
17.80	0.51	14,037	178.99	0.54
17.90	0.49	14,024	178.99	0.53
18.00	0.48	14,010	178.99	0.52
18.10	0.47	13,995	178.98	0.51
18.20	0.46	13,982	178.98	0.50
18.30	0.46	13,970	178.98	0.49
18.40	0.46	13,960	178.98	0.48
18.50	0.45	13,951	178.98	0.48
18.60	0.45	13,944	178.98	0.47
18.70	0.45	13,937	178.98	0.46
18.80	0.45	13,931	178.97	0.46
18.90	0.44	13,926	178.97	0.46
19.00	0.44	13,921	178.97	0.45
19.10	0.44	13,917	178.97	0.45
19.20	0.43	13,912	178.97	0.45
19.30	0.43	13,908	178.97	0.44
19.40	0.43	13,904	178.97	0.44
19.50	0.43	13,900	178.97	0.44
19.60	0.42	13,897	178.97	0.43
19.70	0.42	13,893	178.97	0.43
19.80	0.42	13,890	178.97	0.43
19.90	0.42	13,886	178.97	0.42
20.00	0.41	13,883	178.97	0.42
20.10	0.41	13,879	178.97	0.42
20.20	0.41	13,875	178.97	0.42
20.30	0.40	13,871	178.97	0.41
20.40	0.40	13,868	178.97	0.41
20.50	0.40	13,864	178.97	0.41
20.60	0.40	13,861	178.96	0.40
20.70	0.39	13,857	178.96	0.40

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.39	13,854	178.96	0.40
20.90	0.39	13,850	178.96	0.40
21.00	0.38	13,846	178.96	0.39
21.10	0.38	13,843	178.96	0.39
21.20	0.38	13,839	178.96	0.39
21.30	0.38	13,835	178.96	0.38
21.40	0.37	13,832	178.96	0.38
21.50	0.37	13,829	178.96	0.38
21.60	0.37	13,825	178.96	0.38
21.70	0.36	13,821	178.96	0.37
21.80	0.36	13,817	178.96	0.37
21.90	0.36	13,812	178.96	0.37
22.00	0.35	13,808	178.96	0.37
22.10	0.35	13,803	178.96	0.36
22.20	0.35	13,799	178.96	0.36
22.30	0.35	13,794	178.96	0.36
22.40	0.34	13,789	178.95	0.36
22.50	0.34	13,784	178.95	0.35
22.60	0.34	13,779	178.95	0.35
22.70	0.34	13,775	178.95	0.35
22.80	0.33	13,770	178.95	0.35
22.90	0.33	13,765	178.95	0.34
23.00	0.33	13,760	178.95	0.34
23.10	0.32	13,755	178.95	0.34
23.20	0.32	13,750	178.95	0.33
23.30	0.32	13,744	178.95	0.33
23.40	0.32	13,739	178.95	0.33
23.50	0.31	13,734	178.95	0.33
23.60	0.31	13,729	178.95	0.32
23.70	0.31	13,724	178.95	0.32
23.80	0.30	13,719	178.94	0.32
23.90	0.30	13,714	178.94	0.32
24.00	0.32	13,715	178.94	0.32
24.10	0.19	13,690	178.94	0.30
24.20	0.08	13,635	178.93	0.27
24.30	0.02	13,562	178.92	0.23
24.40	0.01	13,489	178.91	0.21
24.50	0.00	13,420	178.90	0.19
24.60	0.00	13,354	178.89	0.18
24.70	0.00	13,289	178.88	0.18
24.80	0.00	13,224	178.87	0.18
24.90	0.00	13,159	178.87	0.18
25.00	0.00	13,094	178.86	0.18
25.10	0.00	13,030	178.85	0.18
25.20	0.00	12,966	178.84	0.18
25.30	0.00	12,902	178.83	0.18
25.40	0.00	12,838	178.82	0.18
25.50	0.00	12,775	178.81	0.18
25.60	0.00	12,712	178.80	0.18
25.70	0.00	12,649	178.79	0.17
25.80	0.00	12,586	178.78	0.17
25.90	0.00	12,524	178.78	0.17

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	12,461	178.77	0.17
26.10	0.00	12,399	178.76	0.17
26.20	0.00	12,338	178.75	0.17
26.30	0.00	12,276	178.74	0.17
26.40	0.00	12,215	178.73	0.17
26.50	0.00	12,154	178.72	0.17
26.60	0.00	12,094	178.71	0.17
26.70	0.00	12,033	178.71	0.17
26.80	0.00	11,973	178.70	0.17
26.90	0.00	11,913	178.69	0.17
27.00	0.00	11,853	178.68	0.17
27.10	0.00	11,794	178.67	0.16
27.20	0.00	11,735	178.66	0.16
27.30	0.00	11,676	178.65	0.16
27.40	0.00	11,617	178.65	0.16
27.50	0.00	11,559	178.64	0.16
27.60	0.00	11,501	178.63	0.16
27.70	0.00	11,443	178.62	0.16
27.80	0.00	11,385	178.61	0.16
27.90	0.00	11,327	178.61	0.16
28.00	0.00	11,270	178.60	0.16
28.10	0.00	11,213	178.59	0.16
28.20	0.00	11,157	178.58	0.16
28.30	0.00	11,100	178.57	0.16
28.40	0.00	11,044	178.57	0.16
28.50	0.00	10,988	178.56	0.16
28.60	0.00	10,932	178.55	0.15
28.70	0.00	10,877	178.54	0.15
28.80	0.00	10,822	178.53	0.15
28.90	0.00	10,767	178.53	0.15
29.00	0.00	10,712	178.52	0.15
29.10	0.00	10,657	178.51	0.15
29.20	0.00	10,603	178.50	0.15
29.30	0.00	10,549	178.50	0.15
29.40	0.00	10,495	178.49	0.15
29.50	0.00	10,442	178.48	0.15
29.60	0.00	10,389	178.47	0.15
29.70	0.00	10,336	178.47	0.15
29.80	0.00	10,283	178.46	0.15
29.90	0.00	10,230	178.45	0.15
30.00	0.00	10,178	178.44	0.14
30.10	0.00	10,126	178.44	0.14
30.20	0.00	10,074	178.43	0.14
30.30	0.00	10,023	178.42	0.14
30.40	0.00	9,972	178.41	0.14
30.50	0.00	9,921	178.41	0.14
30.60	0.00	9,870	178.40	0.14
30.70	0.00	9,819	178.39	0.14
30.80	0.00	9,769	178.38	0.14
30.90	0.00	9,719	178.38	0.14
31.00	0.00	9,669	178.37	0.14
31.10	0.00	9,620	178.36	0.14

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	9,570	178.36	0.14
31.30	0.00	9,521	178.35	0.14
31.40	0.00	9,472	178.34	0.14
31.50	0.00	9,424	178.34	0.13
31.60	0.00	9,376	178.33	0.13
31.70	0.00	9,328	178.32	0.13
31.80	0.00	9,280	178.32	0.13
31.90	0.00	9,232	178.31	0.13
32.00	0.00	9,185	178.30	0.13
32.10	0.00	9,138	178.30	0.13
32.20	0.00	9,091	178.29	0.13
32.30	0.00	9,045	178.28	0.13
32.40	0.00	8,998	178.28	0.13
32.50	0.00	8,952	178.27	0.13
32.60	0.00	8,906	178.26	0.13
32.70	0.00	8,861	178.26	0.13
32.80	0.00	8,815	178.25	0.13
32.90	0.00	8,770	178.24	0.12
33.00	0.00	8,725	178.24	0.12
33.10	0.00	8,681	178.23	0.12
33.20	0.00	8,637	178.22	0.12
33.30	0.00	8,592	178.22	0.12
33.40	0.00	8,549	178.21	0.12
33.50	0.00	8,505	178.21	0.12
33.60	0.00	8,462	178.20	0.12
33.70	0.00	8,419	178.19	0.12
33.80	0.00	8,376	178.19	0.12
33.90	0.00	8,333	178.18	0.12
34.00	0.00	8,291	178.18	0.12
34.10	0.00	8,249	178.17	0.12
34.20	0.00	8,207	178.16	0.12
34.30	0.00	8,165	178.16	0.12
34.40	0.00	8,124	178.15	0.11
34.50	0.00	8,083	178.15	0.11
34.60	0.00	8,042	178.14	0.11
34.70	0.00	8,001	178.13	0.11
34.80	0.00	7,961	178.13	0.11
34.90	0.00	7,921	178.12	0.11
35.00	0.00	7,881	178.12	0.11
35.10	0.00	7,841	178.11	0.11
35.20	0.00	7,802	178.11	0.11
35.30	0.00	7,763	178.10	0.11
35.40	0.00	7,724	178.09	0.11
35.50	0.00	7,685	178.09	0.11
35.60	0.00	7,647	178.08	0.11
35.70	0.00	7,609	178.08	0.11
35.80	0.00	7,571	178.07	0.10
35.90	0.00	7,533	178.07	0.10
36.00	0.00	7,496	178.06	0.10
36.10	0.00	7,458	178.06	0.10
36.20	0.00	7,422	178.05	0.10
36.30	0.00	7,385	178.05	0.10

Hydrograph for Pond B-43: Basin #43 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	7,348	178.04	0.10
36.50	0.00	7,312	178.04	0.10
36.60	0.00	7,276	178.03	0.10
36.70	0.00	7,241	178.03	0.10
36.80	0.00	7,205	178.02	0.10
36.90	0.00	7,170	178.02	0.10
37.00	0.00	7,135	178.01	0.10
37.10	0.00	7,100	178.01	0.10
37.20	0.00	7,066	178.00	0.10
37.30	0.00	7,032	178.00	0.09
37.40	0.00	6,998	177.99	0.09
37.50	0.00	6,964	177.99	0.09
37.60	0.00	6,931	177.98	0.09
37.70	0.00	6,898	177.98	0.09
37.80	0.00	6,865	177.97	0.09
37.90	0.00	6,832	177.97	0.09
38.00	0.00	6,799	177.96	0.09
38.10	0.00	6,767	177.96	0.09
38.20	0.00	6,735	177.95	0.09
38.30	0.00	6,704	177.95	0.09
38.40	0.00	6,672	177.95	0.09
38.50	0.00	6,641	177.94	0.09
38.60	0.00	6,610	177.94	0.09
38.70	0.00	6,579	177.93	0.08
38.80	0.00	6,549	177.93	0.08
38.90	0.00	6,519	177.92	0.08
39.00	0.00	6,489	177.92	0.08
39.10	0.00	6,459	177.92	0.08
39.20	0.00	6,429	177.91	0.08
39.30	0.00	6,400	177.91	0.08
39.40	0.00	6,371	177.90	0.08
39.50	0.00	6,342	177.90	0.08
39.60	0.00	6,314	177.89	0.08
39.70	0.00	6,286	177.89	0.08
39.80	0.00	6,258	177.89	0.08
39.90	0.00	6,230	177.88	0.08
40.00	0.00	6,202	177.88	0.08

Stage-Discharge for Pond B-43: Basin #43

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
177.00	0.00	177.52	0.00	178.04	0.10	178.56	0.16
177.01	0.00	177.53	0.00	178.05	0.10	178.57	0.16
177.02	0.00	177.54	0.00	178.06	0.10	178.58	0.16
177.03	0.00	177.55	0.00	178.07	0.10	178.59	0.16
177.04	0.00	177.56	0.00	178.08	0.11	178.60	0.16
177.05	0.00	177.57	0.00	178.09	0.11	178.61	0.16
177.06	0.00	177.58	0.00	178.10	0.11	178.62	0.16
177.07	0.00	177.59	0.00	178.11	0.11	178.63	0.16
177.08	0.00	177.60	0.00	178.12	0.11	178.64	0.16
177.09	0.00	177.61	0.00	178.13	0.11	178.65	0.16
177.10	0.00	177.62	0.01	178.14	0.11	178.66	0.16
177.11	0.00	177.63	0.01	178.15	0.11	178.67	0.16
177.12	0.00	177.64	0.01	178.16	0.12	178.68	0.17
177.13	0.00	177.65	0.01	178.17	0.12	178.69	0.17
177.14	0.00	177.66	0.02	178.18	0.12	178.70	0.17
177.15	0.00	177.67	0.02	178.19	0.12	178.71	0.17
177.16	0.00	177.68	0.02	178.20	0.12	178.72	0.17
177.17	0.00	177.69	0.03	178.21	0.12	178.73	0.17
177.18	0.00	177.70	0.03	178.22	0.12	178.74	0.17
177.19	0.00	177.71	0.03	178.23	0.12	178.75	0.17
177.20	0.00	177.72	0.04	178.24	0.12	178.76	0.17
177.21	0.00	177.73	0.04	178.25	0.13	178.77	0.17
177.22	0.00	177.74	0.05	178.26	0.13	178.78	0.17
177.23	0.00	177.75	0.05	178.27	0.13	178.79	0.17
177.24	0.00	177.76	0.05	178.28	0.13	178.80	0.17
177.25	0.00	177.77	0.05	178.29	0.13	178.81	0.18
177.26	0.00	177.78	0.06	178.30	0.13	178.82	0.18
177.27	0.00	177.79	0.06	178.31	0.13	178.83	0.18
177.28	0.00	177.80	0.06	178.32	0.13	178.84	0.18
177.29	0.00	177.81	0.06	178.33	0.13	178.85	0.18
177.30	0.00	177.82	0.06	178.34	0.13	178.86	0.18
177.31	0.00	177.83	0.07	178.35	0.14	178.87	0.18
177.32	0.00	177.84	0.07	178.36	0.14	178.88	0.18
177.33	0.00	177.85	0.07	178.37	0.14	178.89	0.18
177.34	0.00	177.86	0.07	178.38	0.14	178.90	0.18
177.35	0.00	177.87	0.07	178.39	0.14	178.91	0.20
177.36	0.00	177.88	0.08	178.40	0.14	178.92	0.22
177.37	0.00	177.89	0.08	178.41	0.14	178.93	0.25
177.38	0.00	177.90	0.08	178.42	0.14	178.94	0.29
177.39	0.00	177.91	0.08	178.43	0.14	178.95	0.33
177.40	0.00	177.92	0.08	178.44	0.14	178.96	0.38
177.41	0.00	177.93	0.08	178.45	0.15	178.97	0.43
177.42	0.00	177.94	0.09	178.46	0.15	178.98	0.48
177.43	0.00	177.95	0.09	178.47	0.15	178.99	0.54
177.44	0.00	177.96	0.09	178.48	0.15	179.00	0.60
177.45	0.00	177.97	0.09	178.49	0.15	179.01	0.66
177.46	0.00	177.98	0.09	178.50	0.15	179.02	0.73
177.47	0.00	177.99	0.09	178.51	0.15	179.03	0.80
177.48	0.00	178.00	0.10	178.52	0.15	179.04	0.87
177.49	0.00	178.01	0.10	178.53	0.15	179.05	0.95
177.50	0.00	178.02	0.10	178.54	0.15	179.06	1.02
177.51	0.00	178.03	0.10	178.55	0.15	179.07	1.10

Stage-Discharge for Pond B-43: Basin #43 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
179.08	1.19	179.60	7.62	180.12	14.91	180.64	22.29
179.09	1.27	179.61	7.78	180.13	14.93	180.65	22.99
179.10	1.35	179.62	7.93	180.14	14.96	180.66	23.71
179.11	1.44	179.63	8.09	180.15	14.98	180.67	24.46
179.12	1.53	179.64	8.25	180.16	15.01	180.68	25.22
179.13	1.62	179.65	8.41	180.17	15.03	180.69	26.01
179.14	1.72	179.66	8.57	180.18	15.05	180.70	26.82
179.15	1.81	179.67	8.73	180.19	15.08	180.71	27.69
179.16	1.91	179.68	8.89	180.20	15.10	180.72	28.58
179.17	2.01	179.69	9.06	180.21	15.13	180.73	29.50
179.18	2.11	179.70	9.22	180.22	15.15	180.74	30.45
179.19	2.22	179.71	9.38	180.23	15.17	180.75	31.42
179.20	2.32	179.72	9.55	180.24	15.20	180.76	32.42
179.21	2.43	179.73	9.72	180.25	15.22	180.77	33.44
179.22	2.53	179.74	9.88	180.26	15.24	180.78	34.48
179.23	2.64	179.75	10.05	180.27	15.27	180.79	35.55
179.24	2.76	179.76	10.22	180.28	15.29	180.80	36.65
179.25	2.87	179.77	10.39	180.29	15.32	180.81	37.76
179.26	2.98	179.78	10.56	180.30	15.34	180.82	38.91
179.27	3.10	179.79	10.73	180.31	15.36	180.83	40.08
179.28	3.21	179.80	10.91	180.32	15.39	180.84	41.27
179.29	3.33	179.81	11.08	180.33	15.41	180.85	42.48
179.30	3.45	179.82	11.25	180.34	15.43	180.86	43.72
179.31	3.57	179.83	11.43	180.35	15.46	180.87	44.99
179.32	3.70	179.84	11.60	180.36	15.48	180.88	46.28
179.33	3.82	179.85	11.78	180.37	15.50	180.89	47.59
179.34	3.95	179.86	11.96	180.38	15.53	180.90	48.93
179.35	4.07	179.87	12.13	180.39	15.55	180.91	50.31
179.36	4.20	179.88	12.31	180.40	15.57	180.92	51.73
179.37	4.33	179.89	12.49	180.41	15.60	180.93	53.17
179.38	4.46	179.90	12.67	180.42	15.62	180.94	54.63
179.39	4.59	179.91	12.85	180.43	15.64	180.95	56.12
179.40	4.73	179.92	13.03	180.44	15.67	180.96	57.64
179.41	4.86	179.93	13.22	180.45	15.69	180.97	59.19
179.42	4.99	179.94	13.40	180.46	15.71	180.98	60.76
179.43	5.13	179.95	13.58	180.47	15.74	180.99	62.35
179.44	5.27	179.96	13.77	180.48	15.76	181.00	63.98
179.45	5.41	179.97	13.95	180.49	15.78		
179.46	5.55	179.98	14.14	180.50	15.80		
179.47	5.69	179.99	14.32	180.51	15.94		
179.48	5.83	180.00	14.51	180.52	16.18		
179.49	5.97	180.01	14.64	180.53	16.48		
179.50	6.12	180.02	14.66	180.54	16.83		
179.51	6.26	180.03	14.69	180.55	17.23		
179.52	6.41	180.04	14.71	180.56	17.67		
179.53	6.56	180.05	14.74	180.57	18.14		
179.54	6.71	180.06	14.76	180.58	18.64		
179.55	6.86	180.07	14.79	180.59	19.18		
179.56	7.01	180.08	14.81	180.60	19.75		
179.57	7.16	180.09	14.84	180.61	20.35		
179.58	7.31	180.10	14.86	180.62	20.97		
179.59	7.47	180.11	14.88	180.63	21.62		

Stage-Area-Storage for Pond B-43: Basin #43

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
177.00	7,055	0	177.52	7,055	3,669
177.01	7,055	71	177.53	7,055	3,739
177.02	7,055	141	177.54	7,055	3,810
177.03	7,055	212	177.55	7,055	3,880
177.04	7,055	282	177.56	7,055	3,951
177.05	7,055	353	177.57	7,055	4,021
177.06	7,055	423	177.58	7,055	4,092
177.07	7,055	494	177.59	7,055	4,162
177.08	7,055	564	177.60	7,055	4,233
177.09	7,055	635	177.61	7,055	4,304
177.10	7,055	705	177.62	7,055	4,374
177.11	7,055	776	177.63	7,055	4,445
177.12	7,055	847	177.64	7,055	4,515
177.13	7,055	917	177.65	7,055	4,586
177.14	7,055	988	177.66	7,055	4,656
177.15	7,055	1,058	177.67	7,055	4,727
177.16	7,055	1,129	177.68	7,055	4,797
177.17	7,055	1,199	177.69	7,055	4,868
177.18	7,055	1,270	177.70	7,055	4,938
177.19	7,055	1,340	177.71	7,055	5,009
177.20	7,055	1,411	177.72	7,055	5,080
177.21	7,055	1,482	177.73	7,055	5,150
177.22	7,055	1,552	177.74	7,055	5,221
177.23	7,055	1,623	177.75	7,055	5,291
177.24	7,055	1,693	177.76	7,055	5,362
177.25	7,055	1,764	177.77	7,055	5,432
177.26	7,055	1,834	177.78	7,055	5,503
177.27	7,055	1,905	177.79	7,055	5,573
177.28	7,055	1,975	177.80	7,055	5,644
177.29	7,055	2,046	177.81	7,055	5,715
177.30	7,055	2,117	177.82	7,055	5,785
177.31	7,055	2,187	177.83	7,055	5,856
177.32	7,055	2,258	177.84	7,055	5,926
177.33	7,055	2,328	177.85	7,055	5,997
177.34	7,055	2,399	177.86	7,055	6,067
177.35	7,055	2,469	177.87	7,055	6,138
177.36	7,055	2,540	177.88	7,055	6,208
177.37	7,055	2,610	177.89	7,055	6,279
177.38	7,055	2,681	177.90	7,055	6,350
177.39	7,055	2,751	177.91	7,055	6,420
177.40	7,055	2,822	177.92	7,055	6,491
177.41	7,055	2,893	177.93	7,055	6,561
177.42	7,055	2,963	177.94	7,055	6,632
177.43	7,055	3,034	177.95	7,055	6,702
177.44	7,055	3,104	177.96	7,055	6,773
177.45	7,055	3,175	177.97	7,055	6,843
177.46	7,055	3,245	177.98	7,055	6,914
177.47	7,055	3,316	177.99	7,055	6,984
177.48	7,055	3,386	178.00	7,055	7,055
177.49	7,055	3,457	178.01	7,055	7,126
177.50	7,055	3,528	178.02	7,055	7,196
177.51	7,055	3,598	178.03	7,055	7,267

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
178.04	7,055	7,337	178.56	7,055	11,006
178.05	7,055	7,408	178.57	7,055	11,076
178.06	7,055	7,478	178.58	7,055	11,147
178.07	7,055	7,549	178.59	7,055	11,217
178.08	7,055	7,619	178.60	7,055	11,288
178.09	7,055	7,690	178.61	7,055	11,359
178.10	7,055	7,760	178.62	7,055	11,429
178.11	7,055	7,831	178.63	7,055	11,500
178.12	7,055	7,902	178.64	7,055	11,570
178.13	7,055	7,972	178.65	7,055	11,641
178.14	7,055	8,043	178.66	7,055	11,711
178.15	7,055	8,113	178.67	7,055	11,782
178.16	7,055	8,184	178.68	7,055	11,852
178.17	7,055	8,254	178.69	7,055	11,923
178.18	7,055	8,325	178.70	7,055	11,993
178.19	7,055	8,395	178.71	7,055	12,064
178.20	7,055	8,466	178.72	7,055	12,135
178.21	7,055	8,537	178.73	7,055	12,205
178.22	7,055	8,607	178.74	7,055	12,276
178.23	7,055	8,678	178.75	7,055	12,346
178.24	7,055	8,748	178.76	7,055	12,417
178.25	7,055	8,819	178.77	7,055	12,487
178.26	7,055	8,889	178.78	7,055	12,558
178.27	7,055	8,960	178.79	7,055	12,628
178.28	7,055	9,030	178.80	7,055	12,699
178.29	7,055	9,101	178.81	7,055	12,770
178.30	7,055	9,172	178.82	7,055	12,840
178.31	7,055	9,242	178.83	7,055	12,911
178.32	7,055	9,313	178.84	7,055	12,981
178.33	7,055	9,383	178.85	7,055	13,052
178.34	7,055	9,454	178.86	7,055	13,122
178.35	7,055	9,524	178.87	7,055	13,193
178.36	7,055	9,595	178.88	7,055	13,263
178.37	7,055	9,665	178.89	7,055	13,334
178.38	7,055	9,736	178.90	7,055	13,405
178.39	7,055	9,806	178.91	7,055	13,475
178.40	7,055	9,877	178.92	7,055	13,546
178.41	7,055	9,948	178.93	7,055	13,616
178.42	7,055	10,018	178.94	7,055	13,687
178.43	7,055	10,089	178.95	7,055	13,757
178.44	7,055	10,159	178.96	7,055	13,828
178.45	7,055	10,230	178.97	7,055	13,898
178.46	7,055	10,300	178.98	7,055	13,969
178.47	7,055	10,371	178.99	7,055	14,039
178.48	7,055	10,441	179.00	7,055	14,110
178.49	7,055	10,512	179.01	7,055	14,181
178.50	7,055	10,583	179.02	7,055	14,251
178.51	7,055	10,653	179.03	7,055	14,322
178.52	7,055	10,724	179.04	7,055	14,392
178.53	7,055	10,794	179.05	7,055	14,463
178.54	7,055	10,865	179.06	7,055	14,533
178.55	7,055	10,935	179.07	7,055	14,604

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
179.08	7,055	14,674	179.60	7,055	18,343
179.09	7,055	14,745	179.61	7,055	18,414
179.10	7,055	14,815	179.62	7,055	18,484
179.11	7,055	14,886	179.63	7,055	18,555
179.12	7,055	14,957	179.64	7,055	18,625
179.13	7,055	15,027	179.65	7,055	18,696
179.14	7,055	15,098	179.66	7,055	18,766
179.15	7,055	15,168	179.67	7,055	18,837
179.16	7,055	15,239	179.68	7,055	18,907
179.17	7,055	15,309	179.69	7,055	18,978
179.18	7,055	15,380	179.70	7,055	19,048
179.19	7,055	15,450	179.71	7,055	19,119
179.20	7,055	15,521	179.72	7,055	19,190
179.21	7,055	15,592	179.73	7,055	19,260
179.22	7,055	15,662	179.74	7,055	19,331
179.23	7,055	15,733	179.75	7,055	19,401
179.24	7,055	15,803	179.76	7,055	19,472
179.25	7,055	15,874	179.77	7,055	19,542
179.26	7,055	15,944	179.78	7,055	19,613
179.27	7,055	16,015	179.79	7,055	19,683
179.28	7,055	16,085	179.80	7,055	19,754
179.29	7,055	16,156	179.81	7,055	19,825
179.30	7,055	16,227	179.82	7,055	19,895
179.31	7,055	16,297	179.83	7,055	19,966
179.32	7,055	16,368	179.84	7,055	20,036
179.33	7,055	16,438	179.85	7,055	20,107
179.34	7,055	16,509	179.86	7,055	20,177
179.35	7,055	16,579	179.87	7,055	20,248
179.36	7,055	16,650	179.88	7,055	20,318
179.37	7,055	16,720	179.89	7,055	20,389
179.38	7,055	16,791	179.90	7,055	20,460
179.39	7,055	16,861	179.91	7,055	20,530
179.40	7,055	16,932	179.92	7,055	20,601
179.41	7,055	17,003	179.93	7,055	20,671
179.42	7,055	17,073	179.94	7,055	20,742
179.43	7,055	17,144	179.95	7,055	20,812
179.44	7,055	17,214	179.96	7,055	20,883
179.45	7,055	17,285	179.97	7,055	20,953
179.46	7,055	17,355	179.98	7,055	21,024
179.47	7,055	17,426	179.99	7,055	21,094
179.48	7,055	17,496	180.00	7,055	21,165
179.49	7,055	17,567	180.01	7,055	21,236
179.50	7,055	17,638	180.02	7,055	21,306
179.51	7,055	17,708	180.03	7,055	21,377
179.52	7,055	17,779	180.04	7,055	21,447
179.53	7,055	17,849	180.05	7,055	21,518
179.54	7,055	17,920	180.06	7,055	21,588
179.55	7,055	17,990	180.07	7,055	21,659
179.56	7,055	18,061	180.08	7,055	21,729
179.57	7,055	18,131	180.09	7,055	21,800
179.58	7,055	18,202	180.10	7,055	21,870
179.59	7,055	18,272	180.11	7,055	21,941

Stage-Area-Storage for Pond B-43: Basin #43 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.12	7,055	22,012	180.64	7,055	25,680
180.13	7,055	22,082	180.65	7,055	25,751
180.14	7,055	22,153	180.66	7,055	25,821
180.15	7,055	22,223	180.67	7,055	25,892
180.16	7,055	22,294	180.68	7,055	25,962
180.17	7,055	22,364	180.69	7,055	26,033
180.18	7,055	22,435	180.70	7,055	26,103
180.19	7,055	22,505	180.71	7,055	26,174
180.20	7,055	22,576	180.72	7,055	26,245
180.21	7,055	22,647	180.73	7,055	26,315
180.22	7,055	22,717	180.74	7,055	26,386
180.23	7,055	22,788	180.75	7,055	26,456
180.24	7,055	22,858	180.76	7,055	26,527
180.25	7,055	22,929	180.77	7,055	26,597
180.26	7,055	22,999	180.78	7,055	26,668
180.27	7,055	23,070	180.79	7,055	26,738
180.28	7,055	23,140	180.80	7,055	26,809
180.29	7,055	23,211	180.81	7,055	26,880
180.30	7,055	23,282	180.82	7,055	26,950
180.31	7,055	23,352	180.83	7,055	27,021
180.32	7,055	23,423	180.84	7,055	27,091
180.33	7,055	23,493	180.85	7,055	27,162
180.34	7,055	23,564	180.86	7,055	27,232
180.35	7,055	23,634	180.87	7,055	27,303
180.36	7,055	23,705	180.88	7,055	27,373
180.37	7,055	23,775	180.89	7,055	27,444
180.38	7,055	23,846	180.90	7,055	27,515
180.39	7,055	23,916	180.91	7,055	27,585
180.40	7,055	23,987	180.92	7,055	27,656
180.41	7,055	24,058	180.93	7,055	27,726
180.42	7,055	24,128	180.94	7,055	27,797
180.43	7,055	24,199	180.95	7,055	27,867
180.44	7,055	24,269	180.96	7,055	27,938
180.45	7,055	24,340	180.97	7,055	28,008
180.46	7,055	24,410	180.98	7,055	28,079
180.47	7,055	24,481	180.99	7,055	28,149
180.48	7,055	24,551	181.00	7,055	28,220
180.49	7,055	24,622			
180.50	7,055	24,693			
180.51	7,055	24,763			
180.52	7,055	24,834			
180.53	7,055	24,904			
180.54	7,055	24,975			
180.55	7,055	25,045			
180.56	7,055	25,116			
180.57	7,055	25,186			
180.58	7,055	25,257			
180.59	7,055	25,327			
180.60	7,055	25,398			
180.61	7,055	25,469			
180.62	7,055	25,539			
180.63	7,055	25,610			

Summary for Pond B-44: Basin #44

Inflow Area = 1.184 ac, 34.71% Impervious, Inflow Depth = 8.79" for Future 100 yr event
 Inflow = 10.60 cfs @ 12.17 hrs, Volume= 0.867 af
 Outflow = 0.87 cfs @ 13.36 hrs, Volume= 0.640 af, Atten= 92%, Lag= 71.5 min
 Primary = 0.87 cfs @ 13.36 hrs, Volume= 0.640 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 169.13' @ 13.36 hrs Surf.Area= 7,939 sf Storage= 24,830 cf

Plug-Flow detention time= 689.9 min calculated for 0.639 af (74% of inflow)
 Center-of-Mass det. time= 599.0 min (1,380.0 - 781.0)

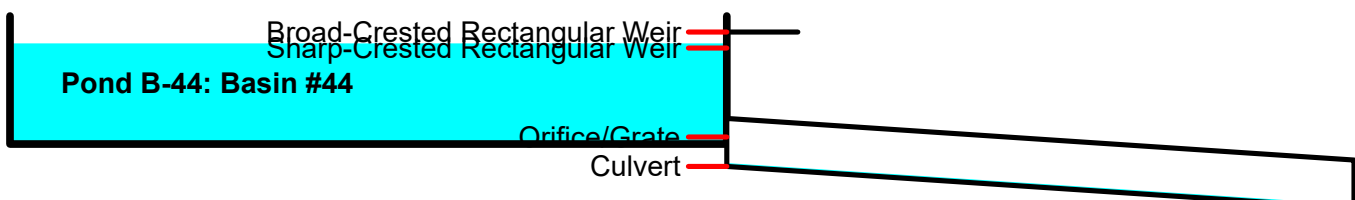
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	31,756 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,939	0	0
167.00	7,939	7,939	7,939
168.00	7,939	7,939	15,878
169.00	7,939	7,939	23,817
170.00	7,939	7,939	31,756

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 44.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0295 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.22'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	169.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

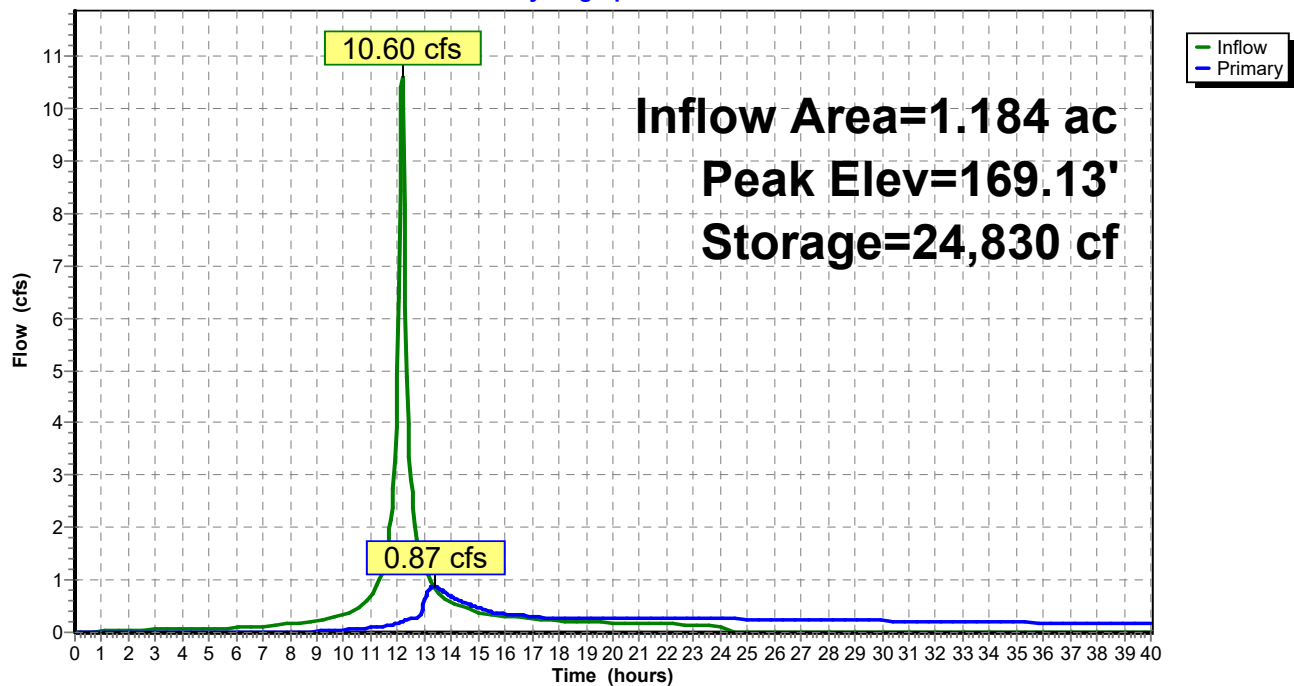
Primary OutFlow Max=0.87 cfs @ 13.36 hrs HW=169.13' (Free Discharge)

1=Culvert (Passes 0.87 cfs of 14.93 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.27 cfs @ 8.06 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 0.59 cfs @ 1.17 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-44: Basin #44

Hydrograph



Hydrograph for Pond B-44: Basin #44

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.00	0	166.00	0.00
0.60	0.01	2	166.00	0.00
0.70	0.01	5	166.00	0.00
0.80	0.01	9	166.00	0.00
0.90	0.02	14	166.00	0.00
1.00	0.02	21	166.00	0.00
1.10	0.02	29	166.00	0.00
1.20	0.03	38	166.00	0.00
1.30	0.03	48	166.01	0.00
1.40	0.03	58	166.01	0.00
1.50	0.03	69	166.01	0.00
1.60	0.03	81	166.01	0.00
1.70	0.04	94	166.01	0.00
1.80	0.04	107	166.01	0.00
1.90	0.04	121	166.02	0.00
2.00	0.04	135	166.02	0.00
2.10	0.04	149	166.02	0.00
2.20	0.04	165	166.02	0.00
2.30	0.04	180	166.02	0.00
2.40	0.05	196	166.02	0.00
2.50	0.05	213	166.03	0.00
2.60	0.05	229	166.03	0.00
2.70	0.05	246	166.03	0.00
2.80	0.05	264	166.03	0.00
2.90	0.05	282	166.04	0.00
3.00	0.05	300	166.04	0.00
3.10	0.05	318	166.04	0.00
3.20	0.05	337	166.04	0.00
3.30	0.05	356	166.04	0.00
3.40	0.05	375	166.05	0.00
3.50	0.05	395	166.05	0.00
3.60	0.06	414	166.05	0.00
3.70	0.06	435	166.05	0.00
3.80	0.06	455	166.06	0.00
3.90	0.06	476	166.06	0.00
4.00	0.06	496	166.06	0.00
4.10	0.06	518	166.07	0.00
4.20	0.06	539	166.07	0.00
4.30	0.06	560	166.07	0.00
4.40	0.06	582	166.07	0.00
4.50	0.06	604	166.08	0.00
4.60	0.06	627	166.08	0.00
4.70	0.06	649	166.08	0.00
4.80	0.06	672	166.08	0.00
4.90	0.06	695	166.09	0.00
5.00	0.06	718	166.09	0.00
5.10	0.07	741	166.09	0.00

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.07	765	166.10	0.00
5.30	0.07	789	166.10	0.00
5.40	0.07	814	166.10	0.00
5.50	0.07	839	166.11	0.00
5.60	0.07	866	166.11	0.00
5.70	0.08	892	166.11	0.00
5.80	0.08	920	166.12	0.00
5.90	0.08	948	166.12	0.00
6.00	0.08	977	166.12	0.00
6.10	0.08	1,006	166.13	0.00
6.20	0.09	1,037	166.13	0.00
6.30	0.09	1,068	166.13	0.00
6.40	0.09	1,101	166.14	0.00
6.50	0.10	1,135	166.14	0.00
6.60	0.10	1,171	166.15	0.00
6.70	0.10	1,208	166.15	0.00
6.80	0.11	1,246	166.16	0.00
6.90	0.11	1,286	166.16	0.00
7.00	0.12	1,327	166.17	0.00
7.10	0.12	1,369	166.17	0.00
7.20	0.12	1,413	166.18	0.00
7.30	0.13	1,459	166.18	0.00
7.40	0.13	1,505	166.19	0.00
7.50	0.14	1,554	166.20	0.00
7.60	0.14	1,604	166.20	0.00
7.70	0.15	1,656	166.21	0.00
7.80	0.15	1,709	166.22	0.00
7.90	0.15	1,764	166.22	0.00
8.00	0.16	1,820	166.23	0.00
8.10	0.16	1,879	166.24	0.00
8.20	0.17	1,938	166.24	0.00
8.30	0.17	1,999	166.25	0.00
8.40	0.18	2,061	166.26	0.00
8.50	0.18	2,125	166.27	0.00
8.60	0.19	2,190	166.28	0.01
8.70	0.19	2,256	166.28	0.01
8.80	0.20	2,324	166.29	0.01
8.90	0.20	2,392	166.30	0.01
9.00	0.21	2,461	166.31	0.01
9.10	0.22	2,532	166.32	0.02
9.20	0.23	2,605	166.33	0.02
9.30	0.24	2,682	166.34	0.02
9.40	0.26	2,763	166.35	0.03
9.50	0.27	2,847	166.36	0.03
9.60	0.29	2,936	166.37	0.03
9.70	0.30	3,029	166.38	0.04
9.80	0.32	3,125	166.39	0.04
9.90	0.33	3,226	166.41	0.05
10.00	0.35	3,332	166.42	0.05
10.10	0.37	3,442	166.43	0.05
10.20	0.38	3,556	166.45	0.06
10.30	0.40	3,676	166.46	0.06

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.42	3,801	166.48	0.06
10.50	0.44	3,931	166.50	0.07
10.60	0.46	4,067	166.51	0.07
10.70	0.51	4,216	166.53	0.07
10.80	0.57	4,383	166.55	0.08
10.90	0.63	4,569	166.58	0.08
11.00	0.69	4,776	166.60	0.09
11.10	0.76	5,005	166.63	0.09
11.20	0.87	5,265	166.66	0.10
11.30	0.98	5,563	166.70	0.10
11.40	1.10	5,901	166.74	0.11
11.50	1.22	6,280	166.79	0.11
11.60	1.48	6,716	166.85	0.12
11.70	1.96	7,296	166.92	0.13
11.80	2.39	8,024	167.01	0.14
11.90	3.24	8,975	167.13	0.15
12.00	4.95	10,359	167.30	0.16
12.10	8.44	12,654	167.59	0.18
12.20	10.23	16,137	168.03	0.21
12.30	6.19	19,002	168.39	0.24
12.40	3.98	20,708	168.61	0.25
12.50	2.92	21,837	168.75	0.26
12.60	2.36	22,698	168.86	0.26
12.70	1.78	23,342	168.94	0.27
12.80	1.54	23,839	169.00	0.28
12.90	1.38	24,237	169.05	0.44
13.00	1.25	24,519	169.09	0.62
13.10	1.12	24,695	169.11	0.76
13.20	1.00	24,788	169.12	0.83
13.30	0.92	24,825	169.13	0.87
13.40	0.84	24,828	169.13	0.87
13.50	0.77	24,809	169.12	0.85
13.60	0.70	24,773	169.12	0.82
13.70	0.64	24,726	169.11	0.78
13.80	0.61	24,677	169.11	0.74
13.90	0.59	24,632	169.10	0.71
14.00	0.57	24,593	169.10	0.68
14.10	0.55	24,557	169.09	0.65
14.20	0.54	24,524	169.09	0.62
14.30	0.52	24,493	169.09	0.60
14.40	0.50	24,464	169.08	0.58
14.50	0.48	24,437	169.08	0.56
14.60	0.46	24,408	169.07	0.54
14.70	0.44	24,380	169.07	0.52
14.80	0.42	24,351	169.07	0.51
14.90	0.41	24,321	169.06	0.49
15.00	0.39	24,292	169.06	0.47
15.10	0.37	24,262	169.06	0.45
15.20	0.35	24,232	169.05	0.43
15.30	0.35	24,205	169.05	0.42
15.40	0.34	24,181	169.05	0.40
15.50	0.34	24,160	169.04	0.39

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.33	24,141	169.04	0.38
15.70	0.33	24,124	169.04	0.37
15.80	0.32	24,108	169.04	0.37
15.90	0.32	24,091	169.03	0.36
16.00	0.31	24,075	169.03	0.36
16.10	0.31	24,059	169.03	0.35
16.20	0.30	24,044	169.03	0.34
16.30	0.30	24,028	169.03	0.34
16.40	0.29	24,013	169.02	0.33
16.50	0.29	23,997	169.02	0.33
16.60	0.28	23,982	169.02	0.32
16.70	0.28	23,967	169.02	0.32
16.80	0.27	23,952	169.02	0.31
16.90	0.27	23,936	169.02	0.31
17.00	0.26	23,921	169.01	0.30
17.10	0.26	23,906	169.01	0.30
17.20	0.25	23,891	169.01	0.29
17.30	0.25	23,876	169.01	0.29
17.40	0.24	23,861	169.01	0.28
17.50	0.24	23,846	169.00	0.28
17.60	0.23	23,832	169.00	0.27
17.70	0.23	23,817	169.00	0.27
17.80	0.22	23,801	169.00	0.27
17.90	0.22	23,783	169.00	0.27
18.00	0.21	23,764	168.99	0.27
18.10	0.21	23,743	168.99	0.27
18.20	0.20	23,721	168.99	0.27
18.30	0.20	23,697	168.98	0.27
18.40	0.20	23,673	168.98	0.27
18.50	0.20	23,648	168.98	0.27
18.60	0.20	23,623	168.98	0.27
18.70	0.20	23,597	168.97	0.27
18.80	0.19	23,572	168.97	0.27
18.90	0.19	23,545	168.97	0.27
19.00	0.19	23,519	168.96	0.27
19.10	0.19	23,492	168.96	0.27
19.20	0.19	23,465	168.96	0.27
19.30	0.19	23,437	168.95	0.27
19.40	0.19	23,409	168.95	0.27
19.50	0.19	23,380	168.94	0.27
19.60	0.18	23,351	168.94	0.27
19.70	0.18	23,322	168.94	0.27
19.80	0.18	23,293	168.93	0.27
19.90	0.18	23,263	168.93	0.26
20.00	0.18	23,233	168.93	0.26
20.10	0.18	23,202	168.92	0.26
20.20	0.18	23,171	168.92	0.26
20.30	0.18	23,139	168.91	0.26
20.40	0.17	23,108	168.91	0.26
20.50	0.17	23,075	168.91	0.26
20.60	0.17	23,043	168.90	0.26
20.70	0.17	23,010	168.90	0.26

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.17	22,977	168.89	0.26
20.90	0.17	22,943	168.89	0.26
21.00	0.17	22,909	168.89	0.26
21.10	0.17	22,875	168.88	0.26
21.20	0.17	22,840	168.88	0.26
21.30	0.16	22,805	168.87	0.26
21.40	0.16	22,769	168.87	0.26
21.50	0.16	22,734	168.86	0.26
21.60	0.16	22,697	168.86	0.26
21.70	0.16	22,661	168.85	0.26
21.80	0.16	22,624	168.85	0.26
21.90	0.16	22,587	168.85	0.26
22.00	0.16	22,549	168.84	0.26
22.10	0.15	22,511	168.84	0.26
22.20	0.15	22,473	168.83	0.26
22.30	0.15	22,434	168.83	0.26
22.40	0.15	22,395	168.82	0.26
22.50	0.15	22,355	168.82	0.26
22.60	0.15	22,316	168.81	0.26
22.70	0.15	22,276	168.81	0.26
22.80	0.15	22,235	168.80	0.26
22.90	0.14	22,194	168.80	0.26
23.00	0.14	22,153	168.79	0.26
23.10	0.14	22,112	168.79	0.26
23.20	0.14	22,070	168.78	0.26
23.30	0.14	22,028	168.77	0.26
23.40	0.14	21,985	168.77	0.26
23.50	0.14	21,942	168.76	0.26
23.60	0.14	21,899	168.76	0.26
23.70	0.13	21,855	168.75	0.26
23.80	0.13	21,811	168.75	0.26
23.90	0.13	21,767	168.74	0.26
24.00	0.14	21,723	168.74	0.25
24.10	0.12	21,680	168.73	0.25
24.20	0.03	21,615	168.72	0.25
24.30	0.01	21,530	168.71	0.25
24.40	0.00	21,440	168.70	0.25
24.50	0.00	21,349	168.69	0.25
24.60	0.00	21,259	168.68	0.25
24.70	0.00	21,168	168.67	0.25
24.80	0.00	21,078	168.65	0.25
24.90	0.00	20,988	168.64	0.25
25.00	0.00	20,898	168.63	0.25
25.10	0.00	20,808	168.62	0.25
25.20	0.00	20,719	168.61	0.25
25.30	0.00	20,629	168.60	0.25
25.40	0.00	20,540	168.59	0.25
25.50	0.00	20,452	168.58	0.25
25.60	0.00	20,363	168.56	0.25
25.70	0.00	20,275	168.55	0.25
25.80	0.00	20,187	168.54	0.24
25.90	0.00	20,099	168.53	0.24

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	20,011	168.52	0.24
26.10	0.00	19,924	168.51	0.24
26.20	0.00	19,836	168.50	0.24
26.30	0.00	19,749	168.49	0.24
26.40	0.00	19,662	168.48	0.24
26.50	0.00	19,576	168.47	0.24
26.60	0.00	19,490	168.45	0.24
26.70	0.00	19,403	168.44	0.24
26.80	0.00	19,317	168.43	0.24
26.90	0.00	19,232	168.42	0.24
27.00	0.00	19,146	168.41	0.24
27.10	0.00	19,061	168.40	0.24
27.20	0.00	18,976	168.39	0.24
27.30	0.00	18,891	168.38	0.24
27.40	0.00	18,807	168.37	0.23
27.50	0.00	18,722	168.36	0.23
27.60	0.00	18,638	168.35	0.23
27.70	0.00	18,554	168.34	0.23
27.80	0.00	18,470	168.33	0.23
27.90	0.00	18,387	168.32	0.23
28.00	0.00	18,304	168.31	0.23
28.10	0.00	18,220	168.30	0.23
28.20	0.00	18,138	168.28	0.23
28.30	0.00	18,055	168.27	0.23
28.40	0.00	17,973	168.26	0.23
28.50	0.00	17,890	168.25	0.23
28.60	0.00	17,808	168.24	0.23
28.70	0.00	17,727	168.23	0.23
28.80	0.00	17,645	168.22	0.23
28.90	0.00	17,564	168.21	0.23
29.00	0.00	17,483	168.20	0.22
29.10	0.00	17,402	168.19	0.22
29.20	0.00	17,321	168.18	0.22
29.30	0.00	17,241	168.17	0.22
29.40	0.00	17,161	168.16	0.22
29.50	0.00	17,081	168.15	0.22
29.60	0.00	17,001	168.14	0.22
29.70	0.00	16,921	168.13	0.22
29.80	0.00	16,842	168.12	0.22
29.90	0.00	16,763	168.11	0.22
30.00	0.00	16,684	168.10	0.22
30.10	0.00	16,605	168.09	0.22
30.20	0.00	16,527	168.08	0.22
30.30	0.00	16,449	168.07	0.22
30.40	0.00	16,371	168.06	0.22
30.50	0.00	16,293	168.05	0.22
30.60	0.00	16,215	168.04	0.22
30.70	0.00	16,138	168.03	0.21
30.80	0.00	16,061	168.02	0.21
30.90	0.00	15,984	168.01	0.21
31.00	0.00	15,907	168.00	0.21
31.10	0.00	15,831	167.99	0.21

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	15,755	167.98	0.21
31.30	0.00	15,679	167.97	0.21
31.40	0.00	15,603	167.97	0.21
31.50	0.00	15,527	167.96	0.21
31.60	0.00	15,452	167.95	0.21
31.70	0.00	15,377	167.94	0.21
31.80	0.00	15,302	167.93	0.21
31.90	0.00	15,227	167.92	0.21
32.00	0.00	15,153	167.91	0.21
32.10	0.00	15,078	167.90	0.21
32.20	0.00	15,004	167.89	0.21
32.30	0.00	14,930	167.88	0.20
32.40	0.00	14,857	167.87	0.20
32.50	0.00	14,783	167.86	0.20
32.60	0.00	14,710	167.85	0.20
32.70	0.00	14,637	167.84	0.20
32.80	0.00	14,565	167.83	0.20
32.90	0.00	14,492	167.83	0.20
33.00	0.00	14,420	167.82	0.20
33.10	0.00	14,348	167.81	0.20
33.20	0.00	14,276	167.80	0.20
33.30	0.00	14,204	167.79	0.20
33.40	0.00	14,133	167.78	0.20
33.50	0.00	14,062	167.77	0.20
33.60	0.00	13,991	167.76	0.20
33.70	0.00	13,920	167.75	0.20
33.80	0.00	13,849	167.74	0.20
33.90	0.00	13,779	167.74	0.19
34.00	0.00	13,709	167.73	0.19
34.10	0.00	13,639	167.72	0.19
34.20	0.00	13,569	167.71	0.19
34.30	0.00	13,500	167.70	0.19
34.40	0.00	13,431	167.69	0.19
34.50	0.00	13,362	167.68	0.19
34.60	0.00	13,293	167.67	0.19
34.70	0.00	13,225	167.67	0.19
34.80	0.00	13,156	167.66	0.19
34.90	0.00	13,088	167.65	0.19
35.00	0.00	13,020	167.64	0.19
35.10	0.00	12,953	167.63	0.19
35.20	0.00	12,885	167.62	0.19
35.30	0.00	12,818	167.61	0.19
35.40	0.00	12,751	167.61	0.19
35.50	0.00	12,684	167.60	0.19
35.60	0.00	12,617	167.59	0.18
35.70	0.00	12,551	167.58	0.18
35.80	0.00	12,485	167.57	0.18
35.90	0.00	12,419	167.56	0.18
36.00	0.00	12,353	167.56	0.18
36.10	0.00	12,288	167.55	0.18
36.20	0.00	12,223	167.54	0.18
36.30	0.00	12,158	167.53	0.18

Hydrograph for Pond B-44: Basin #44 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	12,093	167.52	0.18
36.50	0.00	12,028	167.52	0.18
36.60	0.00	11,964	167.51	0.18
36.70	0.00	11,900	167.50	0.18
36.80	0.00	11,836	167.49	0.18
36.90	0.00	11,772	167.48	0.18
37.00	0.00	11,709	167.47	0.18
37.10	0.00	11,645	167.47	0.18
37.20	0.00	11,582	167.46	0.17
37.30	0.00	11,519	167.45	0.17
37.40	0.00	11,457	167.44	0.17
37.50	0.00	11,394	167.44	0.17
37.60	0.00	11,332	167.43	0.17
37.70	0.00	11,270	167.42	0.17
37.80	0.00	11,209	167.41	0.17
37.90	0.00	11,147	167.40	0.17
38.00	0.00	11,086	167.40	0.17
38.10	0.00	11,025	167.39	0.17
38.20	0.00	10,964	167.38	0.17
38.30	0.00	10,903	167.37	0.17
38.40	0.00	10,843	167.37	0.17
38.50	0.00	10,783	167.36	0.17
38.60	0.00	10,723	167.35	0.17
38.70	0.00	10,663	167.34	0.17
38.80	0.00	10,603	167.34	0.17
38.90	0.00	10,544	167.33	0.16
39.00	0.00	10,485	167.32	0.16
39.10	0.00	10,426	167.31	0.16
39.20	0.00	10,367	167.31	0.16
39.30	0.00	10,309	167.30	0.16
39.40	0.00	10,251	167.29	0.16
39.50	0.00	10,193	167.28	0.16
39.60	0.00	10,135	167.28	0.16
39.70	0.00	10,077	167.27	0.16
39.80	0.00	10,020	167.26	0.16
39.90	0.00	9,963	167.25	0.16
40.00	0.00	9,906	167.25	0.16

Stage-Discharge for Pond B-44: Basin #44

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.07	167.04	0.14	167.56	0.18
166.01	0.00	166.53	0.07	167.05	0.14	167.57	0.18
166.02	0.00	166.54	0.08	167.06	0.14	167.58	0.18
166.03	0.00	166.55	0.08	167.07	0.14	167.59	0.18
166.04	0.00	166.56	0.08	167.08	0.14	167.60	0.19
166.05	0.00	166.57	0.08	167.09	0.14	167.61	0.19
166.06	0.00	166.58	0.08	167.10	0.14	167.62	0.19
166.07	0.00	166.59	0.08	167.11	0.15	167.63	0.19
166.08	0.00	166.60	0.09	167.12	0.15	167.64	0.19
166.09	0.00	166.61	0.09	167.13	0.15	167.65	0.19
166.10	0.00	166.62	0.09	167.14	0.15	167.66	0.19
166.11	0.00	166.63	0.09	167.15	0.15	167.67	0.19
166.12	0.00	166.64	0.09	167.16	0.15	167.68	0.19
166.13	0.00	166.65	0.09	167.17	0.15	167.69	0.19
166.14	0.00	166.66	0.10	167.18	0.15	167.70	0.19
166.15	0.00	166.67	0.10	167.19	0.15	167.71	0.19
166.16	0.00	166.68	0.10	167.20	0.15	167.72	0.19
166.17	0.00	166.69	0.10	167.21	0.15	167.73	0.19
166.18	0.00	166.70	0.10	167.22	0.16	167.74	0.20
166.19	0.00	166.71	0.10	167.23	0.16	167.75	0.20
166.20	0.00	166.72	0.10	167.24	0.16	167.76	0.20
166.21	0.00	166.73	0.10	167.25	0.16	167.77	0.20
166.22	0.00	166.74	0.11	167.26	0.16	167.78	0.20
166.23	0.00	166.75	0.11	167.27	0.16	167.79	0.20
166.24	0.00	166.76	0.11	167.28	0.16	167.80	0.20
166.25	0.00	166.77	0.11	167.29	0.16	167.81	0.20
166.26	0.00	166.78	0.11	167.30	0.16	167.82	0.20
166.27	0.00	166.79	0.11	167.31	0.16	167.83	0.20
166.28	0.01	166.80	0.11	167.32	0.16	167.84	0.20
166.29	0.01	166.81	0.11	167.33	0.16	167.85	0.20
166.30	0.01	166.82	0.12	167.34	0.17	167.86	0.20
166.31	0.01	166.83	0.12	167.35	0.17	167.87	0.20
166.32	0.02	166.84	0.12	167.36	0.17	167.88	0.20
166.33	0.02	166.85	0.12	167.37	0.17	167.89	0.21
166.34	0.02	166.86	0.12	167.38	0.17	167.90	0.21
166.35	0.03	166.87	0.12	167.39	0.17	167.91	0.21
166.36	0.03	166.88	0.12	167.40	0.17	167.92	0.21
166.37	0.03	166.89	0.12	167.41	0.17	167.93	0.21
166.38	0.04	166.90	0.12	167.42	0.17	167.94	0.21
166.39	0.04	166.91	0.13	167.43	0.17	167.95	0.21
166.40	0.05	166.92	0.13	167.44	0.17	167.96	0.21
166.41	0.05	166.93	0.13	167.45	0.17	167.97	0.21
166.42	0.05	166.94	0.13	167.46	0.17	167.98	0.21
166.43	0.05	166.95	0.13	167.47	0.18	167.99	0.21
166.44	0.06	166.96	0.13	167.48	0.18	168.00	0.21
166.45	0.06	166.97	0.13	167.49	0.18	168.01	0.21
166.46	0.06	166.98	0.13	167.50	0.18	168.02	0.21
166.47	0.06	166.99	0.13	167.51	0.18	168.03	0.21
166.48	0.06	167.00	0.13	167.52	0.18	168.04	0.22
166.49	0.07	167.01	0.14	167.53	0.18	168.05	0.22
166.50	0.07	167.02	0.14	167.54	0.18	168.06	0.22
166.51	0.07	167.03	0.14	167.55	0.18	168.07	0.22

Stage-Discharge for Pond B-44: Basin #44 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	0.22	168.60	0.25	169.12	0.81	169.64	12.95
168.09	0.22	168.61	0.25	169.13	0.88	169.65	13.78
168.10	0.22	168.62	0.25	169.14	0.96	169.66	14.63
168.11	0.22	168.63	0.25	169.15	1.03	169.67	15.50
168.12	0.22	168.64	0.25	169.16	1.11	169.68	16.40
168.13	0.22	168.65	0.25	169.17	1.19	169.69	17.32
168.14	0.22	168.66	0.25	169.18	1.27	169.70	18.26
168.15	0.22	168.67	0.25	169.19	1.35	169.71	19.26
168.16	0.22	168.68	0.25	169.20	1.44	169.72	20.29
168.17	0.22	168.69	0.25	169.21	1.52	169.73	21.35
168.18	0.22	168.70	0.25	169.22	1.61	169.74	22.43
168.19	0.22	168.71	0.25	169.23	1.71	169.75	23.53
168.20	0.22	168.72	0.25	169.24	1.80	169.76	24.67
168.21	0.23	168.73	0.25	169.25	1.90	169.77	25.83
168.22	0.23	168.74	0.26	169.26	1.99	169.78	27.01
168.23	0.23	168.75	0.26	169.27	2.09	169.79	28.22
168.24	0.23	168.76	0.26	169.28	2.19	169.80	29.46
168.25	0.23	168.77	0.26	169.29	2.30	169.81	30.72
168.26	0.23	168.78	0.26	169.30	2.40	169.82	32.01
168.27	0.23	168.79	0.26	169.31	2.51	169.83	33.32
168.28	0.23	168.80	0.26	169.32	2.61	169.84	34.66
168.29	0.23	168.81	0.26	169.33	2.72	169.85	36.02
168.30	0.23	168.82	0.26	169.34	2.83	169.86	37.41
168.31	0.23	168.83	0.26	169.35	2.95	169.87	38.82
168.32	0.23	168.84	0.26	169.36	3.06	169.88	40.26
168.33	0.23	168.85	0.26	169.37	3.18	169.89	41.72
168.34	0.23	168.86	0.26	169.38	3.29	169.90	43.21
168.35	0.23	168.87	0.26	169.39	3.41	169.91	44.74
168.36	0.23	168.88	0.26	169.40	3.53	169.92	46.31
168.37	0.23	168.89	0.26	169.41	3.65	169.93	47.90
168.38	0.24	168.90	0.26	169.42	3.77	169.94	49.52
168.39	0.24	168.91	0.26	169.43	3.90	169.95	51.17
168.40	0.24	168.92	0.26	169.44	4.02	169.96	52.84
168.41	0.24	168.93	0.26	169.45	4.15	169.97	54.54
168.42	0.24	168.94	0.27	169.46	4.28	169.98	56.27
168.43	0.24	168.95	0.27	169.47	4.41	169.99	58.02
168.44	0.24	168.96	0.27	169.48	4.54	170.00	59.81
168.45	0.24	168.97	0.27	169.49	4.67		
168.46	0.24	168.98	0.27	169.50	4.80		
168.47	0.24	168.99	0.27	169.51	5.05		
168.48	0.24	169.00	0.27	169.52	5.40		
168.49	0.24	169.01	0.28	169.53	5.82		
168.50	0.24	169.02	0.31	169.54	6.28		
168.51	0.24	169.03	0.34	169.55	6.79		
168.52	0.24	169.04	0.37	169.56	7.35		
168.53	0.24	169.05	0.42	169.57	7.94		
168.54	0.24	169.06	0.46	169.58	8.56		
168.55	0.24	169.07	0.51	169.59	9.22		
168.56	0.25	169.08	0.57	169.60	9.91		
168.57	0.25	169.09	0.62	169.61	10.63		
168.58	0.25	169.10	0.69	169.62	11.38		
168.59	0.25	169.11	0.75	169.63	12.15		

Stage-Area-Storage for Pond B-44: Basin #44

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,939	0	166.52	7,939	4,128
166.01	7,939	79	166.53	7,939	4,208
166.02	7,939	159	166.54	7,939	4,287
166.03	7,939	238	166.55	7,939	4,366
166.04	7,939	318	166.56	7,939	4,446
166.05	7,939	397	166.57	7,939	4,525
166.06	7,939	476	166.58	7,939	4,605
166.07	7,939	556	166.59	7,939	4,684
166.08	7,939	635	166.60	7,939	4,763
166.09	7,939	715	166.61	7,939	4,843
166.10	7,939	794	166.62	7,939	4,922
166.11	7,939	873	166.63	7,939	5,002
166.12	7,939	953	166.64	7,939	5,081
166.13	7,939	1,032	166.65	7,939	5,160
166.14	7,939	1,111	166.66	7,939	5,240
166.15	7,939	1,191	166.67	7,939	5,319
166.16	7,939	1,270	166.68	7,939	5,399
166.17	7,939	1,350	166.69	7,939	5,478
166.18	7,939	1,429	166.70	7,939	5,557
166.19	7,939	1,508	166.71	7,939	5,637
166.20	7,939	1,588	166.72	7,939	5,716
166.21	7,939	1,667	166.73	7,939	5,795
166.22	7,939	1,747	166.74	7,939	5,875
166.23	7,939	1,826	166.75	7,939	5,954
166.24	7,939	1,905	166.76	7,939	6,034
166.25	7,939	1,985	166.77	7,939	6,113
166.26	7,939	2,064	166.78	7,939	6,192
166.27	7,939	2,144	166.79	7,939	6,272
166.28	7,939	2,223	166.80	7,939	6,351
166.29	7,939	2,302	166.81	7,939	6,431
166.30	7,939	2,382	166.82	7,939	6,510
166.31	7,939	2,461	166.83	7,939	6,589
166.32	7,939	2,540	166.84	7,939	6,669
166.33	7,939	2,620	166.85	7,939	6,748
166.34	7,939	2,699	166.86	7,939	6,828
166.35	7,939	2,779	166.87	7,939	6,907
166.36	7,939	2,858	166.88	7,939	6,986
166.37	7,939	2,937	166.89	7,939	7,066
166.38	7,939	3,017	166.90	7,939	7,145
166.39	7,939	3,096	166.91	7,939	7,224
166.40	7,939	3,176	166.92	7,939	7,304
166.41	7,939	3,255	166.93	7,939	7,383
166.42	7,939	3,334	166.94	7,939	7,463
166.43	7,939	3,414	166.95	7,939	7,542
166.44	7,939	3,493	166.96	7,939	7,621
166.45	7,939	3,573	166.97	7,939	7,701
166.46	7,939	3,652	166.98	7,939	7,780
166.47	7,939	3,731	166.99	7,939	7,860
166.48	7,939	3,811	167.00	7,939	7,939
166.49	7,939	3,890	167.01	7,939	8,018
166.50	7,939	3,970	167.02	7,939	8,098
166.51	7,939	4,049	167.03	7,939	8,177

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,939	8,257	167.56	7,939	12,385
167.05	7,939	8,336	167.57	7,939	12,464
167.06	7,939	8,415	167.58	7,939	12,544
167.07	7,939	8,495	167.59	7,939	12,623
167.08	7,939	8,574	167.60	7,939	12,702
167.09	7,939	8,654	167.61	7,939	12,782
167.10	7,939	8,733	167.62	7,939	12,861
167.11	7,939	8,812	167.63	7,939	12,941
167.12	7,939	8,892	167.64	7,939	13,020
167.13	7,939	8,971	167.65	7,939	13,099
167.14	7,939	9,050	167.66	7,939	13,179
167.15	7,939	9,130	167.67	7,939	13,258
167.16	7,939	9,209	167.68	7,939	13,338
167.17	7,939	9,289	167.69	7,939	13,417
167.18	7,939	9,368	167.70	7,939	13,496
167.19	7,939	9,447	167.71	7,939	13,576
167.20	7,939	9,527	167.72	7,939	13,655
167.21	7,939	9,606	167.73	7,939	13,734
167.22	7,939	9,686	167.74	7,939	13,814
167.23	7,939	9,765	167.75	7,939	13,893
167.24	7,939	9,844	167.76	7,939	13,973
167.25	7,939	9,924	167.77	7,939	14,052
167.26	7,939	10,003	167.78	7,939	14,131
167.27	7,939	10,083	167.79	7,939	14,211
167.28	7,939	10,162	167.80	7,939	14,290
167.29	7,939	10,241	167.81	7,939	14,370
167.30	7,939	10,321	167.82	7,939	14,449
167.31	7,939	10,400	167.83	7,939	14,528
167.32	7,939	10,479	167.84	7,939	14,608
167.33	7,939	10,559	167.85	7,939	14,687
167.34	7,939	10,638	167.86	7,939	14,767
167.35	7,939	10,718	167.87	7,939	14,846
167.36	7,939	10,797	167.88	7,939	14,925
167.37	7,939	10,876	167.89	7,939	15,005
167.38	7,939	10,956	167.90	7,939	15,084
167.39	7,939	11,035	167.91	7,939	15,163
167.40	7,939	11,115	167.92	7,939	15,243
167.41	7,939	11,194	167.93	7,939	15,322
167.42	7,939	11,273	167.94	7,939	15,402
167.43	7,939	11,353	167.95	7,939	15,481
167.44	7,939	11,432	167.96	7,939	15,560
167.45	7,939	11,512	167.97	7,939	15,640
167.46	7,939	11,591	167.98	7,939	15,719
167.47	7,939	11,670	167.99	7,939	15,799
167.48	7,939	11,750	168.00	7,939	15,878
167.49	7,939	11,829	168.01	7,939	15,957
167.50	7,939	11,909	168.02	7,939	16,037
167.51	7,939	11,988	168.03	7,939	16,116
167.52	7,939	12,067	168.04	7,939	16,196
167.53	7,939	12,147	168.05	7,939	16,275
167.54	7,939	12,226	168.06	7,939	16,354
167.55	7,939	12,305	168.07	7,939	16,434

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,939	16,513	168.60	7,939	20,641
168.09	7,939	16,593	168.61	7,939	20,721
168.10	7,939	16,672	168.62	7,939	20,800
168.11	7,939	16,751	168.63	7,939	20,880
168.12	7,939	16,831	168.64	7,939	20,959
168.13	7,939	16,910	168.65	7,939	21,038
168.14	7,939	16,989	168.66	7,939	21,118
168.15	7,939	17,069	168.67	7,939	21,197
168.16	7,939	17,148	168.68	7,939	21,277
168.17	7,939	17,228	168.69	7,939	21,356
168.18	7,939	17,307	168.70	7,939	21,435
168.19	7,939	17,386	168.71	7,939	21,515
168.20	7,939	17,466	168.72	7,939	21,594
168.21	7,939	17,545	168.73	7,939	21,673
168.22	7,939	17,625	168.74	7,939	21,753
168.23	7,939	17,704	168.75	7,939	21,832
168.24	7,939	17,783	168.76	7,939	21,912
168.25	7,939	17,863	168.77	7,939	21,991
168.26	7,939	17,942	168.78	7,939	22,070
168.27	7,939	18,022	168.79	7,939	22,150
168.28	7,939	18,101	168.80	7,939	22,229
168.29	7,939	18,180	168.81	7,939	22,309
168.30	7,939	18,260	168.82	7,939	22,388
168.31	7,939	18,339	168.83	7,939	22,467
168.32	7,939	18,418	168.84	7,939	22,547
168.33	7,939	18,498	168.85	7,939	22,626
168.34	7,939	18,577	168.86	7,939	22,706
168.35	7,939	18,657	168.87	7,939	22,785
168.36	7,939	18,736	168.88	7,939	22,864
168.37	7,939	18,815	168.89	7,939	22,944
168.38	7,939	18,895	168.90	7,939	23,023
168.39	7,939	18,974	168.91	7,939	23,102
168.40	7,939	19,054	168.92	7,939	23,182
168.41	7,939	19,133	168.93	7,939	23,261
168.42	7,939	19,212	168.94	7,939	23,341
168.43	7,939	19,292	168.95	7,939	23,420
168.44	7,939	19,371	168.96	7,939	23,499
168.45	7,939	19,451	168.97	7,939	23,579
168.46	7,939	19,530	168.98	7,939	23,658
168.47	7,939	19,609	168.99	7,939	23,738
168.48	7,939	19,689	169.00	7,939	23,817
168.49	7,939	19,768	169.01	7,939	23,896
168.50	7,939	19,848	169.02	7,939	23,976
168.51	7,939	19,927	169.03	7,939	24,055
168.52	7,939	20,006	169.04	7,939	24,135
168.53	7,939	20,086	169.05	7,939	24,214
168.54	7,939	20,165	169.06	7,939	24,293
168.55	7,939	20,244	169.07	7,939	24,373
168.56	7,939	20,324	169.08	7,939	24,452
168.57	7,939	20,403	169.09	7,939	24,532
168.58	7,939	20,483	169.10	7,939	24,611
168.59	7,939	20,562	169.11	7,939	24,690

Stage-Area-Storage for Pond B-44: Basin #44 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,939	24,770	169.64	7,939	28,898
169.13	7,939	24,849	169.65	7,939	28,977
169.14	7,939	24,928	169.66	7,939	29,057
169.15	7,939	25,008	169.67	7,939	29,136
169.16	7,939	25,087	169.68	7,939	29,216
169.17	7,939	25,167	169.69	7,939	29,295
169.18	7,939	25,246	169.70	7,939	29,374
169.19	7,939	25,325	169.71	7,939	29,454
169.20	7,939	25,405	169.72	7,939	29,533
169.21	7,939	25,484	169.73	7,939	29,612
169.22	7,939	25,564	169.74	7,939	29,692
169.23	7,939	25,643	169.75	7,939	29,771
169.24	7,939	25,722	169.76	7,939	29,851
169.25	7,939	25,802	169.77	7,939	29,930
169.26	7,939	25,881	169.78	7,939	30,009
169.27	7,939	25,961	169.79	7,939	30,089
169.28	7,939	26,040	169.80	7,939	30,168
169.29	7,939	26,119	169.81	7,939	30,248
169.30	7,939	26,199	169.82	7,939	30,327
169.31	7,939	26,278	169.83	7,939	30,406
169.32	7,939	26,357	169.84	7,939	30,486
169.33	7,939	26,437	169.85	7,939	30,565
169.34	7,939	26,516	169.86	7,939	30,645
169.35	7,939	26,596	169.87	7,939	30,724
169.36	7,939	26,675	169.88	7,939	30,803
169.37	7,939	26,754	169.89	7,939	30,883
169.38	7,939	26,834	169.90	7,939	30,962
169.39	7,939	26,913	169.91	7,939	31,041
169.40	7,939	26,993	169.92	7,939	31,121
169.41	7,939	27,072	169.93	7,939	31,200
169.42	7,939	27,151	169.94	7,939	31,280
169.43	7,939	27,231	169.95	7,939	31,359
169.44	7,939	27,310	169.96	7,939	31,438
169.45	7,939	27,390	169.97	7,939	31,518
169.46	7,939	27,469	169.98	7,939	31,597
169.47	7,939	27,548	169.99	7,939	31,677
169.48	7,939	27,628	170.00	7,939	31,756
169.49	7,939	27,707			
169.50	7,939	27,787			
169.51	7,939	27,866			
169.52	7,939	27,945			
169.53	7,939	28,025			
169.54	7,939	28,104			
169.55	7,939	28,183			
169.56	7,939	28,263			
169.57	7,939	28,342			
169.58	7,939	28,422			
169.59	7,939	28,501			
169.60	7,939	28,580			
169.61	7,939	28,660			
169.62	7,939	28,739			
169.63	7,939	28,819			

Summary for Pond B-45: Basin #45

Inflow Area = 2.294 ac, 62.82% Impervious, Inflow Depth = 9.65" for Future 100 yr event
 Inflow = 25.68 cfs @ 12.10 hrs, Volume= 1.845 af
 Outflow = 17.82 cfs @ 12.17 hrs, Volume= 1.709 af, Atten= 31%, Lag= 4.2 min
 Primary = 17.82 cfs @ 12.17 hrs, Volume= 1.709 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 169.58' @ 12.17 hrs Surf.Area= 7,365 sf Storage= 26,353 cf

Plug-Flow detention time= 161.2 min calculated for 1.709 af (93% of inflow)
 Center-of-Mass det. time= 119.9 min (877.0 - 757.1)

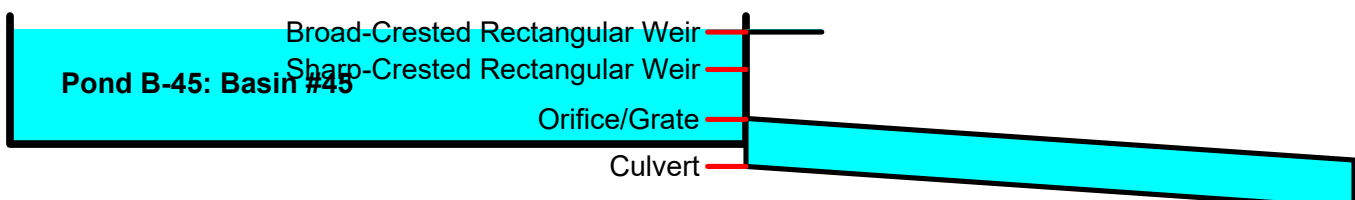
Volume	Invert	Avail.Storage	Storage Description
#1	166.00'	29,460 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
166.00	7,365	0	0
167.00	7,365	7,365	7,365
168.00	7,365	7,365	14,730
169.00	7,365	7,365	22,095
170.00	7,365	7,365	29,460

Device	Routing	Invert	Outlet Devices
#1	Primary	165.30'	18.0" Round Culvert L= 40.0' Ke= 0.500 Inlet / Outlet Invert= 165.30' / 164.00' S= 0.0325 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	166.77'	6.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	168.33'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	169.50'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

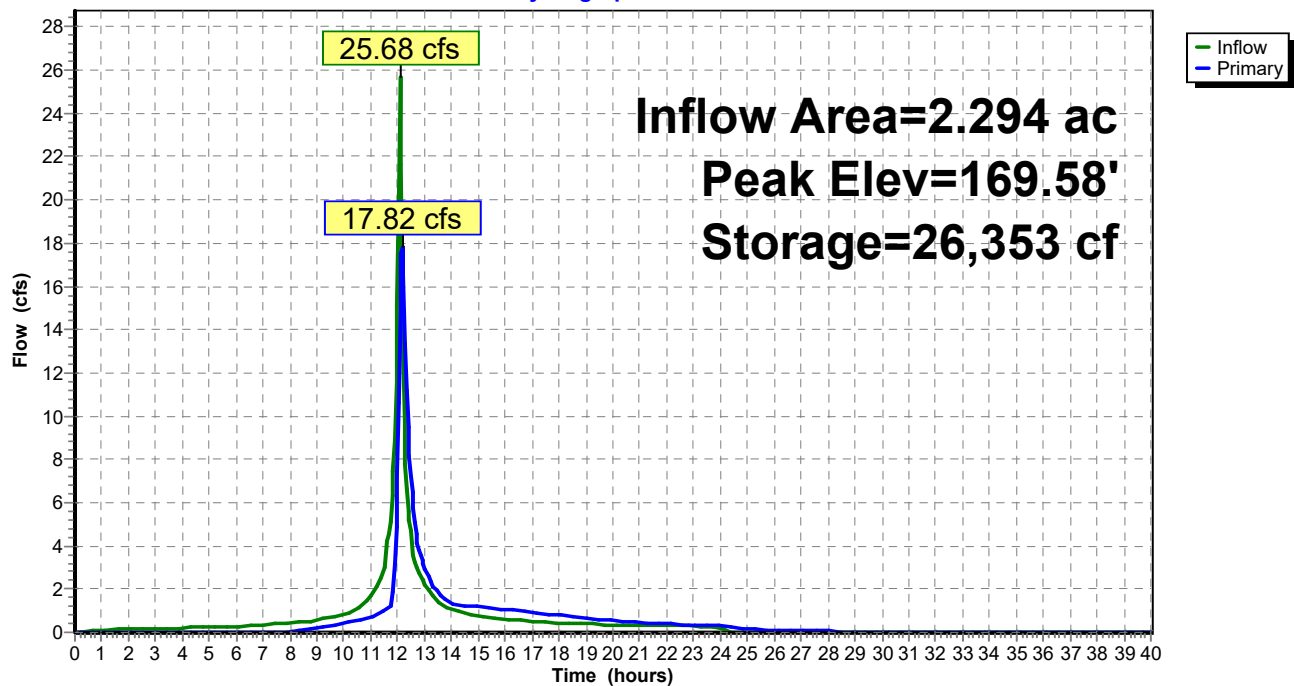
Primary OutFlow Max=17.46 cfs @ 12.17 hrs HW=169.56' (Free Discharge)

1=Culvert (Inlet Controls 15.93 cfs @ 9.01 fps)
 2=Orifice/Grate (Passes < 1.76 cfs potential flow)
 3=Sharp-Crested Rectangular Weir (Passes < 16.65 cfs potential flow)
 4=Broad-Crested Rectangular Weir (Weir Controls 1.53 cfs @ 0.55 fps)



Pond B-45: Basin #45

Hydrograph



Hydrograph for Pond B-45: Basin #45

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	166.00	0.00
0.10	0.00	0	166.00	0.00
0.20	0.00	0	166.00	0.00
0.30	0.00	0	166.00	0.00
0.40	0.00	0	166.00	0.00
0.50	0.02	3	166.00	0.00
0.60	0.03	12	166.00	0.00
0.70	0.05	26	166.00	0.00
0.80	0.06	44	166.01	0.00
0.90	0.07	67	166.01	0.00
1.00	0.08	94	166.01	0.00
1.10	0.09	124	166.02	0.00
1.20	0.10	157	166.02	0.00
1.30	0.10	194	166.03	0.00
1.40	0.11	232	166.03	0.00
1.50	0.12	274	166.04	0.00
1.60	0.12	317	166.04	0.00
1.70	0.13	363	166.05	0.00
1.80	0.13	410	166.06	0.00
1.90	0.14	459	166.06	0.00
2.00	0.14	510	166.07	0.00
2.10	0.15	563	166.08	0.00
2.20	0.15	617	166.08	0.00
2.30	0.16	673	166.09	0.00
2.40	0.16	730	166.10	0.00
2.50	0.16	788	166.11	0.00
2.60	0.17	848	166.12	0.00
2.70	0.17	909	166.12	0.00
2.80	0.17	971	166.13	0.00
2.90	0.18	1,034	166.14	0.00
3.00	0.18	1,098	166.15	0.00
3.10	0.18	1,164	166.16	0.00
3.20	0.19	1,230	166.17	0.00
3.30	0.19	1,297	166.18	0.00
3.40	0.19	1,365	166.19	0.00
3.50	0.19	1,435	166.19	0.00
3.60	0.20	1,505	166.20	0.00
3.70	0.20	1,576	166.21	0.00
3.80	0.20	1,648	166.22	0.00
3.90	0.20	1,721	166.23	0.00
4.00	0.21	1,795	166.24	0.00
4.10	0.21	1,870	166.25	0.00
4.20	0.21	1,945	166.26	0.00
4.30	0.21	2,021	166.27	0.00
4.40	0.22	2,099	166.28	0.00
4.50	0.22	2,177	166.30	0.00
4.60	0.22	2,255	166.31	0.00
4.70	0.22	2,335	166.32	0.00
4.80	0.22	2,415	166.33	0.00
4.90	0.23	2,496	166.34	0.00
5.00	0.23	2,577	166.35	0.00
5.10	0.23	2,660	166.36	0.00

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.23	2,744	166.37	0.00
5.30	0.24	2,828	166.38	0.00
5.40	0.24	2,914	166.40	0.00
5.50	0.24	3,002	166.41	0.00
5.60	0.25	3,090	166.42	0.00
5.70	0.25	3,180	166.43	0.00
5.80	0.25	3,271	166.44	0.00
5.90	0.26	3,363	166.46	0.00
6.00	0.26	3,456	166.47	0.00
6.10	0.27	3,551	166.48	0.00
6.20	0.28	3,649	166.50	0.00
6.30	0.28	3,750	166.51	0.00
6.40	0.29	3,854	166.52	0.00
6.50	0.30	3,961	166.54	0.00
6.60	0.31	4,071	166.55	0.00
6.70	0.32	4,184	166.57	0.00
6.80	0.33	4,300	166.58	0.00
6.90	0.34	4,419	166.60	0.00
7.00	0.35	4,542	166.62	0.00
7.10	0.35	4,668	166.63	0.00
7.20	0.36	4,798	166.65	0.00
7.30	0.37	4,930	166.67	0.00
7.40	0.38	5,066	166.69	0.00
7.50	0.39	5,205	166.71	0.00
7.60	0.40	5,347	166.73	0.00
7.70	0.41	5,493	166.75	0.00
7.80	0.42	5,642	166.77	0.00
7.90	0.43	5,795	166.79	0.00
8.00	0.44	5,950	166.81	0.01
8.10	0.45	6,107	166.83	0.01
8.20	0.46	6,264	166.85	0.02
8.30	0.47	6,421	166.87	0.03
8.40	0.48	6,576	166.89	0.05
8.50	0.49	6,730	166.91	0.06
8.60	0.50	6,882	166.93	0.08
8.70	0.51	7,030	166.95	0.10
8.80	0.52	7,174	166.97	0.12
8.90	0.53	7,314	166.99	0.14
9.00	0.54	7,450	167.01	0.17
9.10	0.57	7,585	167.03	0.19
9.20	0.60	7,721	167.05	0.21
9.30	0.63	7,860	167.07	0.24
9.40	0.66	8,001	167.09	0.27
9.50	0.70	8,144	167.11	0.30
9.60	0.73	8,288	167.13	0.33
9.70	0.76	8,434	167.15	0.36
9.80	0.80	8,581	167.17	0.39
9.90	0.83	8,730	167.19	0.42
10.00	0.87	8,881	167.21	0.45
10.10	0.90	9,033	167.23	0.48
10.20	0.94	9,187	167.25	0.51
10.30	0.97	9,344	167.27	0.53

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	1.01	9,504	167.29	0.56
10.50	1.05	9,670	167.31	0.58
10.60	1.15	9,851	167.34	0.60
10.70	1.28	10,066	167.37	0.63
10.80	1.41	10,316	167.40	0.67
10.90	1.54	10,601	167.44	0.70
11.00	1.67	10,920	167.48	0.74
11.10	1.90	11,288	167.53	0.78
11.20	2.14	11,725	167.59	0.82
11.30	2.39	12,234	167.66	0.87
11.40	2.65	12,816	167.74	0.93
11.50	2.87	13,464	167.83	0.98
11.60	4.21	14,347	167.95	1.06
11.70	4.76	15,578	168.12	1.15
11.80	6.33	17,115	168.32	1.26
11.90	8.89	19,095	168.59	3.12
12.00	15.14	21,521	168.92	7.30
12.10	25.65	24,865	169.38	14.96
12.20	13.20	26,176	169.55	17.45
12.30	7.79	24,229	169.29	13.37
12.40	5.59	22,554	169.06	9.48
12.50	5.00	21,473	168.92	7.21
12.60	3.53	20,702	168.81	5.73
12.70	3.05	20,031	168.72	4.56
12.80	2.79	19,579	168.66	3.84
12.90	2.53	19,249	168.61	3.34
13.00	2.26	18,979	168.58	2.96
13.10	2.00	18,739	168.54	2.65
13.20	1.84	18,525	168.52	2.38
13.30	1.70	18,342	168.49	2.17
13.40	1.55	18,179	168.47	2.00
13.50	1.41	18,023	168.45	1.84
13.60	1.28	17,871	168.43	1.70
13.70	1.22	17,728	168.41	1.58
13.80	1.18	17,608	168.39	1.49
13.90	1.14	17,503	168.38	1.42
14.00	1.11	17,407	168.36	1.36
14.10	1.07	17,318	168.35	1.32
14.20	1.03	17,228	168.34	1.28
14.30	1.00	17,136	168.33	1.26
14.40	0.96	17,036	168.31	1.25
14.50	0.92	16,926	168.30	1.24
14.60	0.89	16,805	168.28	1.24
14.70	0.85	16,674	168.26	1.23
14.80	0.81	16,533	168.24	1.22
14.90	0.77	16,383	168.22	1.21
15.00	0.74	16,222	168.20	1.20
15.10	0.70	16,053	168.18	1.18
15.20	0.69	15,879	168.16	1.17
15.30	0.68	15,704	168.13	1.16
15.40	0.67	15,531	168.11	1.15
15.50	0.66	15,359	168.09	1.13

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.65	15,187	168.06	1.12
15.70	0.64	15,017	168.04	1.11
15.80	0.63	14,848	168.02	1.10
15.90	0.62	14,680	167.99	1.08
16.00	0.61	14,513	167.97	1.07
16.10	0.60	14,347	167.95	1.06
16.20	0.59	14,183	167.93	1.04
16.30	0.58	14,020	167.90	1.03
16.40	0.57	13,858	167.88	1.02
16.50	0.56	13,697	167.86	1.00
16.60	0.55	13,537	167.84	0.99
16.70	0.54	13,379	167.82	0.98
16.80	0.53	13,222	167.80	0.96
16.90	0.52	13,066	167.77	0.95
17.00	0.51	12,912	167.75	0.94
17.10	0.50	12,759	167.73	0.92
17.20	0.49	12,608	167.71	0.91
17.30	0.48	12,458	167.69	0.89
17.40	0.47	12,309	167.67	0.88
17.50	0.46	12,163	167.65	0.87
17.60	0.45	12,017	167.63	0.85
17.70	0.44	11,873	167.61	0.84
17.80	0.43	11,731	167.59	0.82
17.90	0.42	11,591	167.57	0.81
18.00	0.41	11,452	167.55	0.80
18.10	0.40	11,314	167.54	0.78
18.20	0.40	11,180	167.52	0.77
18.30	0.40	11,049	167.50	0.75
18.40	0.39	10,923	167.48	0.74
18.50	0.39	10,801	167.47	0.72
18.60	0.39	10,683	167.45	0.71
18.70	0.39	10,569	167.44	0.70
18.80	0.38	10,459	167.42	0.68
18.90	0.38	10,353	167.41	0.67
19.00	0.38	10,251	167.39	0.66
19.10	0.38	10,152	167.38	0.64
19.20	0.37	10,057	167.37	0.63
19.30	0.37	9,966	167.35	0.62
19.40	0.37	9,878	167.34	0.61
19.50	0.37	9,794	167.33	0.60
19.60	0.36	9,712	167.32	0.58
19.70	0.36	9,634	167.31	0.57
19.80	0.36	9,559	167.30	0.56
19.90	0.36	9,486	167.29	0.55
20.00	0.35	9,416	167.28	0.55
20.10	0.35	9,349	167.27	0.53
20.20	0.35	9,285	167.26	0.52
20.30	0.35	9,224	167.25	0.51
20.40	0.34	9,166	167.24	0.50
20.50	0.34	9,110	167.24	0.49
20.60	0.34	9,058	167.23	0.48
20.70	0.34	9,009	167.22	0.47

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.33	8,961	167.22	0.46
20.90	0.33	8,916	167.21	0.45
21.00	0.33	8,873	167.20	0.44
21.10	0.33	8,833	167.20	0.44
21.20	0.32	8,794	167.19	0.43
21.30	0.32	8,757	167.19	0.42
21.40	0.32	8,723	167.18	0.41
21.50	0.32	8,689	167.18	0.41
21.60	0.31	8,657	167.18	0.40
21.70	0.31	8,627	167.17	0.39
21.80	0.31	8,598	167.17	0.39
21.90	0.31	8,570	167.16	0.38
22.00	0.30	8,543	167.16	0.38
22.10	0.30	8,517	167.16	0.37
22.20	0.30	8,493	167.15	0.37
22.30	0.30	8,469	167.15	0.36
22.40	0.29	8,446	167.15	0.36
22.50	0.29	8,424	167.14	0.35
22.60	0.29	8,402	167.14	0.35
22.70	0.29	8,382	167.14	0.34
22.80	0.28	8,361	167.14	0.34
22.90	0.28	8,342	167.13	0.34
23.00	0.28	8,323	167.13	0.33
23.10	0.28	8,304	167.13	0.33
23.20	0.27	8,286	167.13	0.32
23.30	0.27	8,268	167.12	0.32
23.40	0.27	8,251	167.12	0.32
23.50	0.27	8,234	167.12	0.31
23.60	0.26	8,218	167.12	0.31
23.70	0.26	8,201	167.11	0.31
23.80	0.26	8,186	167.11	0.30
23.90	0.26	8,170	167.11	0.30
24.00	0.31	8,162	167.11	0.30
24.10	0.06	8,126	167.10	0.29
24.20	0.00	8,031	167.09	0.27
24.30	0.00	7,937	167.08	0.26
24.40	0.00	7,848	167.07	0.24
24.50	0.00	7,765	167.05	0.22
24.60	0.00	7,687	167.04	0.21
24.70	0.00	7,615	167.03	0.20
24.80	0.00	7,546	167.02	0.18
24.90	0.00	7,482	167.02	0.17
25.00	0.00	7,422	167.01	0.16
25.10	0.00	7,366	167.00	0.15
25.20	0.00	7,312	166.99	0.14
25.30	0.00	7,262	166.99	0.14
25.40	0.00	7,214	166.98	0.13
25.50	0.00	7,169	166.97	0.12
25.60	0.00	7,126	166.97	0.12
25.70	0.00	7,086	166.96	0.11
25.80	0.00	7,047	166.96	0.10
25.90	0.00	7,011	166.95	0.10

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	6,976	166.95	0.09
26.10	0.00	6,943	166.94	0.09
26.20	0.00	6,911	166.94	0.09
26.30	0.00	6,880	166.93	0.08
26.40	0.00	6,852	166.93	0.08
26.50	0.00	6,824	166.93	0.07
26.60	0.00	6,798	166.92	0.07
26.70	0.00	6,773	166.92	0.07
26.80	0.00	6,748	166.92	0.07
26.90	0.00	6,725	166.91	0.06
27.00	0.00	6,703	166.91	0.06
27.10	0.00	6,681	166.91	0.06
27.20	0.00	6,661	166.90	0.06
27.30	0.00	6,641	166.90	0.05
27.40	0.00	6,621	166.90	0.05
27.50	0.00	6,603	166.90	0.05
27.60	0.00	6,585	166.89	0.05
27.70	0.00	6,568	166.89	0.05
27.80	0.00	6,551	166.89	0.05
27.90	0.00	6,535	166.89	0.04
28.00	0.00	6,520	166.89	0.04
28.10	0.00	6,505	166.88	0.04
28.20	0.00	6,491	166.88	0.04
28.30	0.00	6,477	166.88	0.04
28.40	0.00	6,464	166.88	0.04
28.50	0.00	6,451	166.88	0.04
28.60	0.00	6,438	166.87	0.03
28.70	0.00	6,426	166.87	0.03
28.80	0.00	6,414	166.87	0.03
28.90	0.00	6,402	166.87	0.03
29.00	0.00	6,391	166.87	0.03
29.10	0.00	6,380	166.87	0.03
29.20	0.00	6,369	166.86	0.03
29.30	0.00	6,359	166.86	0.03
29.40	0.00	6,348	166.86	0.03
29.50	0.00	6,338	166.86	0.03
29.60	0.00	6,329	166.86	0.03
29.70	0.00	6,319	166.86	0.03
29.80	0.00	6,310	166.86	0.03
29.90	0.00	6,301	166.86	0.02
30.00	0.00	6,293	166.85	0.02
30.10	0.00	6,284	166.85	0.02
30.20	0.00	6,276	166.85	0.02
30.30	0.00	6,268	166.85	0.02
30.40	0.00	6,260	166.85	0.02
30.50	0.00	6,253	166.85	0.02
30.60	0.00	6,246	166.85	0.02
30.70	0.00	6,238	166.85	0.02
30.80	0.00	6,231	166.85	0.02
30.90	0.00	6,225	166.85	0.02
31.00	0.00	6,218	166.84	0.02
31.10	0.00	6,212	166.84	0.02

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,205	166.84	0.02
31.30	0.00	6,199	166.84	0.02
31.40	0.00	6,193	166.84	0.02
31.50	0.00	6,188	166.84	0.02
31.60	0.00	6,182	166.84	0.02
31.70	0.00	6,176	166.84	0.02
31.80	0.00	6,171	166.84	0.02
31.90	0.00	6,166	166.84	0.01
32.00	0.00	6,160	166.84	0.01
32.10	0.00	6,155	166.84	0.01
32.20	0.00	6,150	166.84	0.01
32.30	0.00	6,145	166.83	0.01
32.40	0.00	6,140	166.83	0.01
32.50	0.00	6,135	166.83	0.01
32.60	0.00	6,130	166.83	0.01
32.70	0.00	6,125	166.83	0.01
32.80	0.00	6,121	166.83	0.01
32.90	0.00	6,116	166.83	0.01
33.00	0.00	6,112	166.83	0.01
33.10	0.00	6,107	166.83	0.01
33.20	0.00	6,103	166.83	0.01
33.30	0.00	6,099	166.83	0.01
33.40	0.00	6,094	166.83	0.01
33.50	0.00	6,090	166.83	0.01
33.60	0.00	6,086	166.83	0.01
33.70	0.00	6,082	166.83	0.01
33.80	0.00	6,078	166.83	0.01
33.90	0.00	6,074	166.82	0.01
34.00	0.00	6,070	166.82	0.01
34.10	0.00	6,066	166.82	0.01
34.20	0.00	6,063	166.82	0.01
34.30	0.00	6,059	166.82	0.01
34.40	0.00	6,055	166.82	0.01
34.50	0.00	6,052	166.82	0.01
34.60	0.00	6,048	166.82	0.01
34.70	0.00	6,045	166.82	0.01
34.80	0.00	6,041	166.82	0.01
34.90	0.00	6,038	166.82	0.01
35.00	0.00	6,035	166.82	0.01
35.10	0.00	6,031	166.82	0.01
35.20	0.00	6,028	166.82	0.01
35.30	0.00	6,025	166.82	0.01
35.40	0.00	6,022	166.82	0.01
35.50	0.00	6,019	166.82	0.01
35.60	0.00	6,016	166.82	0.01
35.70	0.00	6,013	166.82	0.01
35.80	0.00	6,010	166.82	0.01
35.90	0.00	6,007	166.82	0.01
36.00	0.00	6,004	166.82	0.01
36.10	0.00	6,001	166.81	0.01
36.20	0.00	5,999	166.81	0.01
36.30	0.00	5,996	166.81	0.01

Hydrograph for Pond B-45: Basin #45 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,993	166.81	0.01
36.50	0.00	5,991	166.81	0.01
36.60	0.00	5,988	166.81	0.01
36.70	0.00	5,985	166.81	0.01
36.80	0.00	5,983	166.81	0.01
36.90	0.00	5,980	166.81	0.01
37.00	0.00	5,978	166.81	0.01
37.10	0.00	5,976	166.81	0.01
37.20	0.00	5,973	166.81	0.01
37.30	0.00	5,971	166.81	0.01
37.40	0.00	5,969	166.81	0.01
37.50	0.00	5,966	166.81	0.01
37.60	0.00	5,964	166.81	0.01
37.70	0.00	5,962	166.81	0.01
37.80	0.00	5,960	166.81	0.01
37.90	0.00	5,958	166.81	0.01
38.00	0.00	5,956	166.81	0.01
38.10	0.00	5,954	166.81	0.01
38.20	0.00	5,952	166.81	0.01
38.30	0.00	5,950	166.81	0.01
38.40	0.00	5,948	166.81	0.01
38.50	0.00	5,946	166.81	0.01
38.60	0.00	5,944	166.81	0.01
38.70	0.00	5,942	166.81	0.01
38.80	0.00	5,940	166.81	0.01
38.90	0.00	5,938	166.81	0.00
39.00	0.00	5,937	166.81	0.00
39.10	0.00	5,935	166.81	0.00
39.20	0.00	5,933	166.81	0.00
39.30	0.00	5,932	166.81	0.00
39.40	0.00	5,930	166.81	0.00
39.50	0.00	5,928	166.80	0.00
39.60	0.00	5,927	166.80	0.00
39.70	0.00	5,925	166.80	0.00
39.80	0.00	5,923	166.80	0.00
39.90	0.00	5,922	166.80	0.00
40.00	0.00	5,920	166.80	0.00

Stage-Discharge for Pond B-45: Basin #45

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
166.00	0.00	166.52	0.00	167.04	0.20	167.56	0.80
166.01	0.00	166.53	0.00	167.05	0.22	167.57	0.81
166.02	0.00	166.54	0.00	167.06	0.23	167.58	0.81
166.03	0.00	166.55	0.00	167.07	0.24	167.59	0.82
166.04	0.00	166.56	0.00	167.08	0.26	167.60	0.83
166.05	0.00	166.57	0.00	167.09	0.27	167.61	0.84
166.06	0.00	166.58	0.00	167.10	0.29	167.62	0.84
166.07	0.00	166.59	0.00	167.11	0.30	167.63	0.85
166.08	0.00	166.60	0.00	167.12	0.32	167.64	0.86
166.09	0.00	166.61	0.00	167.13	0.33	167.65	0.87
166.10	0.00	166.62	0.00	167.14	0.35	167.66	0.87
166.11	0.00	166.63	0.00	167.15	0.36	167.67	0.88
166.12	0.00	166.64	0.00	167.16	0.38	167.68	0.89
166.13	0.00	166.65	0.00	167.17	0.39	167.69	0.89
166.14	0.00	166.66	0.00	167.18	0.41	167.70	0.90
166.15	0.00	166.67	0.00	167.19	0.42	167.71	0.91
166.16	0.00	166.68	0.00	167.20	0.44	167.72	0.91
166.17	0.00	166.69	0.00	167.21	0.45	167.73	0.92
166.18	0.00	166.70	0.00	167.22	0.47	167.74	0.93
166.19	0.00	166.71	0.00	167.23	0.48	167.75	0.93
166.20	0.00	166.72	0.00	167.24	0.50	167.76	0.94
166.21	0.00	166.73	0.00	167.25	0.51	167.77	0.95
166.22	0.00	166.74	0.00	167.26	0.52	167.78	0.95
166.23	0.00	166.75	0.00	167.27	0.54	167.79	0.96
166.24	0.00	166.76	0.00	167.28	0.55	167.80	0.97
166.25	0.00	166.77	0.00	167.29	0.56	167.81	0.97
166.26	0.00	166.78	0.00	167.30	0.57	167.82	0.98
166.27	0.00	166.79	0.00	167.31	0.58	167.83	0.99
166.28	0.00	166.80	0.00	167.32	0.59	167.84	0.99
166.29	0.00	166.81	0.01	167.33	0.60	167.85	1.00
166.30	0.00	166.82	0.01	167.34	0.61	167.86	1.00
166.31	0.00	166.83	0.01	167.35	0.62	167.87	1.01
166.32	0.00	166.84	0.02	167.36	0.63	167.88	1.02
166.33	0.00	166.85	0.02	167.37	0.64	167.89	1.02
166.34	0.00	166.86	0.03	167.38	0.65	167.90	1.03
166.35	0.00	166.87	0.03	167.39	0.66	167.91	1.03
166.36	0.00	166.88	0.04	167.40	0.66	167.92	1.04
166.37	0.00	166.89	0.04	167.41	0.67	167.93	1.05
166.38	0.00	166.90	0.05	167.42	0.68	167.94	1.05
166.39	0.00	166.91	0.06	167.43	0.69	167.95	1.06
166.40	0.00	166.92	0.07	167.44	0.70	167.96	1.06
166.41	0.00	166.93	0.08	167.45	0.71	167.97	1.07
166.42	0.00	166.94	0.09	167.46	0.72	167.98	1.08
166.43	0.00	166.95	0.10	167.47	0.73	167.99	1.08
166.44	0.00	166.96	0.11	167.48	0.74	168.00	1.09
166.45	0.00	166.97	0.12	167.49	0.74	168.01	1.09
166.46	0.00	166.98	0.13	167.50	0.75	168.02	1.10
166.47	0.00	166.99	0.14	167.51	0.76	168.03	1.10
166.48	0.00	167.00	0.15	167.52	0.77	168.04	1.11
166.49	0.00	167.01	0.16	167.53	0.78	168.05	1.11
166.50	0.00	167.02	0.18	167.54	0.78	168.06	1.12
166.51	0.00	167.03	0.19	167.55	0.79	168.07	1.13

Stage-Discharge for Pond B-45: Basin #45 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
168.08	1.13	168.60	3.20	169.12	10.42	169.64	22.29
168.09	1.14	168.61	3.30	169.13	10.59	169.65	22.99
168.10	1.14	168.62	3.41	169.14	10.76	169.66	23.71
168.11	1.15	168.63	3.52	169.15	10.93	169.67	24.46
168.12	1.15	168.64	3.63	169.16	11.10	169.68	25.22
168.13	1.16	168.65	3.74	169.17	11.27	169.69	26.01
168.14	1.16	168.66	3.85	169.18	11.44	169.70	26.82
168.15	1.17	168.67	3.97	169.19	11.61	169.71	27.69
168.16	1.17	168.68	4.08	169.20	11.78	169.72	28.58
168.17	1.18	168.69	4.20	169.21	11.96	169.73	29.50
168.18	1.18	168.70	4.32	169.22	12.13	169.74	30.45
168.19	1.19	168.71	4.44	169.23	12.31	169.75	31.42
168.20	1.19	168.72	4.56	169.24	12.48	169.76	32.42
168.21	1.20	168.73	4.68	169.25	12.66	169.77	33.44
168.22	1.20	168.74	4.81	169.26	12.84	169.78	34.48
168.23	1.21	168.75	4.94	169.27	13.02	169.79	35.55
168.24	1.22	168.76	5.06	169.28	13.20	169.80	36.65
168.25	1.22	168.77	5.19	169.29	13.38	169.81	37.76
168.26	1.23	168.78	5.32	169.30	13.56	169.82	38.91
168.27	1.23	168.79	5.45	169.31	13.74	169.83	40.08
168.28	1.24	168.80	5.59	169.32	13.92	169.84	41.27
168.29	1.24	168.81	5.72	169.33	14.10	169.85	42.48
168.30	1.25	168.82	5.86	169.34	14.29	169.86	43.72
168.31	1.25	168.83	5.99	169.35	14.47	169.87	44.99
168.32	1.25	168.84	6.13	169.36	14.66	169.88	46.28
168.33	1.26	168.85	6.27	169.37	14.84	169.89	47.59
168.34	1.28	168.86	6.41	169.38	15.03	169.90	48.93
168.35	1.31	168.87	6.55	169.39	15.22	169.91	50.31
168.36	1.34	168.88	6.69	169.40	15.41	169.92	51.73
168.37	1.38	168.89	6.84	169.41	15.60	169.93	53.17
168.38	1.43	168.90	6.98	169.42	15.62	169.94	54.63
168.39	1.48	168.91	7.13	169.43	15.64	169.95	56.12
168.40	1.53	168.92	7.27	169.44	15.67	169.96	57.64
168.41	1.59	168.93	7.42	169.45	15.69	169.97	59.19
168.42	1.65	168.94	7.57	169.46	15.71	169.98	60.76
168.43	1.72	168.95	7.72	169.47	15.74	169.99	62.35
168.44	1.79	168.96	7.87	169.48	15.76	170.00	63.98
168.45	1.86	168.97	8.02	169.49	15.78		
168.46	1.93	168.98	8.18	169.50	15.80		
168.47	2.01	168.99	8.33	169.51	15.94		
168.48	2.09	169.00	8.49	169.52	16.18		
168.49	2.17	169.01	8.64	169.53	16.48		
168.50	2.25	169.02	8.80	169.54	16.83		
168.51	2.33	169.03	8.96	169.55	17.23		
168.52	2.42	169.04	9.12	169.56	17.67		
168.53	2.51	169.05	9.28	169.57	18.14		
168.54	2.60	169.06	9.44	169.58	18.64		
168.55	2.70	169.07	9.60	169.59	19.18		
168.56	2.79	169.08	9.76	169.60	19.75		
168.57	2.89	169.09	9.93	169.61	20.35		
168.58	2.99	169.10	10.09	169.62	20.97		
168.59	3.09	169.11	10.26	169.63	21.62		

Stage-Area-Storage for Pond B-45: Basin #45

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
166.00	7,365	0	166.52	7,365	3,830
166.01	7,365	74	166.53	7,365	3,903
166.02	7,365	147	166.54	7,365	3,977
166.03	7,365	221	166.55	7,365	4,051
166.04	7,365	295	166.56	7,365	4,124
166.05	7,365	368	166.57	7,365	4,198
166.06	7,365	442	166.58	7,365	4,272
166.07	7,365	516	166.59	7,365	4,345
166.08	7,365	589	166.60	7,365	4,419
166.09	7,365	663	166.61	7,365	4,493
166.10	7,365	736	166.62	7,365	4,566
166.11	7,365	810	166.63	7,365	4,640
166.12	7,365	884	166.64	7,365	4,714
166.13	7,365	957	166.65	7,365	4,787
166.14	7,365	1,031	166.66	7,365	4,861
166.15	7,365	1,105	166.67	7,365	4,935
166.16	7,365	1,178	166.68	7,365	5,008
166.17	7,365	1,252	166.69	7,365	5,082
166.18	7,365	1,326	166.70	7,365	5,155
166.19	7,365	1,399	166.71	7,365	5,229
166.20	7,365	1,473	166.72	7,365	5,303
166.21	7,365	1,547	166.73	7,365	5,376
166.22	7,365	1,620	166.74	7,365	5,450
166.23	7,365	1,694	166.75	7,365	5,524
166.24	7,365	1,768	166.76	7,365	5,597
166.25	7,365	1,841	166.77	7,365	5,671
166.26	7,365	1,915	166.78	7,365	5,745
166.27	7,365	1,989	166.79	7,365	5,818
166.28	7,365	2,062	166.80	7,365	5,892
166.29	7,365	2,136	166.81	7,365	5,966
166.30	7,365	2,210	166.82	7,365	6,039
166.31	7,365	2,283	166.83	7,365	6,113
166.32	7,365	2,357	166.84	7,365	6,187
166.33	7,365	2,430	166.85	7,365	6,260
166.34	7,365	2,504	166.86	7,365	6,334
166.35	7,365	2,578	166.87	7,365	6,408
166.36	7,365	2,651	166.88	7,365	6,481
166.37	7,365	2,725	166.89	7,365	6,555
166.38	7,365	2,799	166.90	7,365	6,629
166.39	7,365	2,872	166.91	7,365	6,702
166.40	7,365	2,946	166.92	7,365	6,776
166.41	7,365	3,020	166.93	7,365	6,849
166.42	7,365	3,093	166.94	7,365	6,923
166.43	7,365	3,167	166.95	7,365	6,997
166.44	7,365	3,241	166.96	7,365	7,070
166.45	7,365	3,314	166.97	7,365	7,144
166.46	7,365	3,388	166.98	7,365	7,218
166.47	7,365	3,462	166.99	7,365	7,291
166.48	7,365	3,535	167.00	7,365	7,365
166.49	7,365	3,609	167.01	7,365	7,439
166.50	7,365	3,683	167.02	7,365	7,512
166.51	7,365	3,756	167.03	7,365	7,586

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
167.04	7,365	7,660	167.56	7,365	11,489
167.05	7,365	7,733	167.57	7,365	11,563
167.06	7,365	7,807	167.58	7,365	11,637
167.07	7,365	7,881	167.59	7,365	11,710
167.08	7,365	7,954	167.60	7,365	11,784
167.09	7,365	8,028	167.61	7,365	11,858
167.10	7,365	8,101	167.62	7,365	11,931
167.11	7,365	8,175	167.63	7,365	12,005
167.12	7,365	8,249	167.64	7,365	12,079
167.13	7,365	8,322	167.65	7,365	12,152
167.14	7,365	8,396	167.66	7,365	12,226
167.15	7,365	8,470	167.67	7,365	12,300
167.16	7,365	8,543	167.68	7,365	12,373
167.17	7,365	8,617	167.69	7,365	12,447
167.18	7,365	8,691	167.70	7,365	12,520
167.19	7,365	8,764	167.71	7,365	12,594
167.20	7,365	8,838	167.72	7,365	12,668
167.21	7,365	8,912	167.73	7,365	12,741
167.22	7,365	8,985	167.74	7,365	12,815
167.23	7,365	9,059	167.75	7,365	12,889
167.24	7,365	9,133	167.76	7,365	12,962
167.25	7,365	9,206	167.77	7,365	13,036
167.26	7,365	9,280	167.78	7,365	13,110
167.27	7,365	9,354	167.79	7,365	13,183
167.28	7,365	9,427	167.80	7,365	13,257
167.29	7,365	9,501	167.81	7,365	13,331
167.30	7,365	9,575	167.82	7,365	13,404
167.31	7,365	9,648	167.83	7,365	13,478
167.32	7,365	9,722	167.84	7,365	13,552
167.33	7,365	9,795	167.85	7,365	13,625
167.34	7,365	9,869	167.86	7,365	13,699
167.35	7,365	9,943	167.87	7,365	13,773
167.36	7,365	10,016	167.88	7,365	13,846
167.37	7,365	10,090	167.89	7,365	13,920
167.38	7,365	10,164	167.90	7,365	13,994
167.39	7,365	10,237	167.91	7,365	14,067
167.40	7,365	10,311	167.92	7,365	14,141
167.41	7,365	10,385	167.93	7,365	14,214
167.42	7,365	10,458	167.94	7,365	14,288
167.43	7,365	10,532	167.95	7,365	14,362
167.44	7,365	10,606	167.96	7,365	14,435
167.45	7,365	10,679	167.97	7,365	14,509
167.46	7,365	10,753	167.98	7,365	14,583
167.47	7,365	10,827	167.99	7,365	14,656
167.48	7,365	10,900	168.00	7,365	14,730
167.49	7,365	10,974	168.01	7,365	14,804
167.50	7,365	11,048	168.02	7,365	14,877
167.51	7,365	11,121	168.03	7,365	14,951
167.52	7,365	11,195	168.04	7,365	15,025
167.53	7,365	11,268	168.05	7,365	15,098
167.54	7,365	11,342	168.06	7,365	15,172
167.55	7,365	11,416	168.07	7,365	15,246

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
168.08	7,365	15,319	168.60	7,365	19,149
168.09	7,365	15,393	168.61	7,365	19,223
168.10	7,365	15,466	168.62	7,365	19,296
168.11	7,365	15,540	168.63	7,365	19,370
168.12	7,365	15,614	168.64	7,365	19,444
168.13	7,365	15,687	168.65	7,365	19,517
168.14	7,365	15,761	168.66	7,365	19,591
168.15	7,365	15,835	168.67	7,365	19,665
168.16	7,365	15,908	168.68	7,365	19,738
168.17	7,365	15,982	168.69	7,365	19,812
168.18	7,365	16,056	168.70	7,365	19,885
168.19	7,365	16,129	168.71	7,365	19,959
168.20	7,365	16,203	168.72	7,365	20,033
168.21	7,365	16,277	168.73	7,365	20,106
168.22	7,365	16,350	168.74	7,365	20,180
168.23	7,365	16,424	168.75	7,365	20,254
168.24	7,365	16,498	168.76	7,365	20,327
168.25	7,365	16,571	168.77	7,365	20,401
168.26	7,365	16,645	168.78	7,365	20,475
168.27	7,365	16,719	168.79	7,365	20,548
168.28	7,365	16,792	168.80	7,365	20,622
168.29	7,365	16,866	168.81	7,365	20,696
168.30	7,365	16,940	168.82	7,365	20,769
168.31	7,365	17,013	168.83	7,365	20,843
168.32	7,365	17,087	168.84	7,365	20,917
168.33	7,365	17,160	168.85	7,365	20,990
168.34	7,365	17,234	168.86	7,365	21,064
168.35	7,365	17,308	168.87	7,365	21,138
168.36	7,365	17,381	168.88	7,365	21,211
168.37	7,365	17,455	168.89	7,365	21,285
168.38	7,365	17,529	168.90	7,365	21,359
168.39	7,365	17,602	168.91	7,365	21,432
168.40	7,365	17,676	168.92	7,365	21,506
168.41	7,365	17,750	168.93	7,365	21,579
168.42	7,365	17,823	168.94	7,365	21,653
168.43	7,365	17,897	168.95	7,365	21,727
168.44	7,365	17,971	168.96	7,365	21,800
168.45	7,365	18,044	168.97	7,365	21,874
168.46	7,365	18,118	168.98	7,365	21,948
168.47	7,365	18,192	168.99	7,365	22,021
168.48	7,365	18,265	169.00	7,365	22,095
168.49	7,365	18,339	169.01	7,365	22,169
168.50	7,365	18,413	169.02	7,365	22,242
168.51	7,365	18,486	169.03	7,365	22,316
168.52	7,365	18,560	169.04	7,365	22,390
168.53	7,365	18,633	169.05	7,365	22,463
168.54	7,365	18,707	169.06	7,365	22,537
168.55	7,365	18,781	169.07	7,365	22,611
168.56	7,365	18,854	169.08	7,365	22,684
168.57	7,365	18,928	169.09	7,365	22,758
168.58	7,365	19,002	169.10	7,365	22,831
168.59	7,365	19,075	169.11	7,365	22,905

Stage-Area-Storage for Pond B-45: Basin #45 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
169.12	7,365	22,979	169.64	7,365	26,809
169.13	7,365	23,052	169.65	7,365	26,882
169.14	7,365	23,126	169.66	7,365	26,956
169.15	7,365	23,200	169.67	7,365	27,030
169.16	7,365	23,273	169.68	7,365	27,103
169.17	7,365	23,347	169.69	7,365	27,177
169.18	7,365	23,421	169.70	7,365	27,250
169.19	7,365	23,494	169.71	7,365	27,324
169.20	7,365	23,568	169.72	7,365	27,398
169.21	7,365	23,642	169.73	7,365	27,471
169.22	7,365	23,715	169.74	7,365	27,545
169.23	7,365	23,789	169.75	7,365	27,619
169.24	7,365	23,863	169.76	7,365	27,692
169.25	7,365	23,936	169.77	7,365	27,766
169.26	7,365	24,010	169.78	7,365	27,840
169.27	7,365	24,084	169.79	7,365	27,913
169.28	7,365	24,157	169.80	7,365	27,987
169.29	7,365	24,231	169.81	7,365	28,061
169.30	7,365	24,305	169.82	7,365	28,134
169.31	7,365	24,378	169.83	7,365	28,208
169.32	7,365	24,452	169.84	7,365	28,282
169.33	7,365	24,525	169.85	7,365	28,355
169.34	7,365	24,599	169.86	7,365	28,429
169.35	7,365	24,673	169.87	7,365	28,503
169.36	7,365	24,746	169.88	7,365	28,576
169.37	7,365	24,820	169.89	7,365	28,650
169.38	7,365	24,894	169.90	7,365	28,724
169.39	7,365	24,967	169.91	7,365	28,797
169.40	7,365	25,041	169.92	7,365	28,871
169.41	7,365	25,115	169.93	7,365	28,944
169.42	7,365	25,188	169.94	7,365	29,018
169.43	7,365	25,262	169.95	7,365	29,092
169.44	7,365	25,336	169.96	7,365	29,165
169.45	7,365	25,409	169.97	7,365	29,239
169.46	7,365	25,483	169.98	7,365	29,313
169.47	7,365	25,557	169.99	7,365	29,386
169.48	7,365	25,630	170.00	7,365	29,460
169.49	7,365	25,704			
169.50	7,365	25,778			
169.51	7,365	25,851			
169.52	7,365	25,925			
169.53	7,365	25,998			
169.54	7,365	26,072			
169.55	7,365	26,146			
169.56	7,365	26,219			
169.57	7,365	26,293			
169.58	7,365	26,367			
169.59	7,365	26,440			
169.60	7,365	26,514			
169.61	7,365	26,588			
169.62	7,365	26,661			
169.63	7,365	26,735			

Summary for Pond B-46A: Basin #46A

Inflow Area = 2.480 ac, 46.25% Impervious, Inflow Depth = 9.14" for Future 100 yr event
 Inflow = 29.65 cfs @ 12.08 hrs, Volume= 1.889 af
 Outflow = 8.60 cfs @ 12.25 hrs, Volume= 1.701 af, Atten= 71%, Lag= 10.1 min
 Primary = 8.60 cfs @ 12.25 hrs, Volume= 1.701 af
 Routed to Pond B-46B : Basin #46B

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.85' @ 12.25 hrs Surf.Area= 12,034 sf Storage= 31,266 cf

Plug-Flow detention time= 149.3 min calculated for 1.701 af (90% of inflow)
 Center-of-Mass det. time= 97.5 min (863.2 - 765.6)

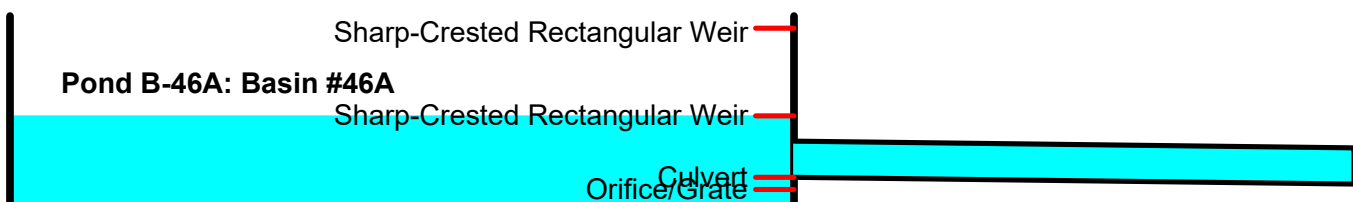
Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	96,530 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,720	0	0
181.00	6,639	6,180	6,180
182.00	7,998	7,319	13,498
183.00	9,413	8,706	22,204
184.00	12,515	10,964	33,168
185.00	14,128	13,322	46,489
186.00	15,798	14,963	61,452
187.00	17,524	16,661	78,113
188.00	19,310	18,417	96,530

Device	Routing	Invert	Outlet Devices
#1	Primary	187.50'	50.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s) 0.5' Crest Height
#2	Device 1	180.77'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	183.84'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	181.28'	18.0" Round Culvert L= 56.0' Ke= 1.000 Inlet / Outlet Invert= 181.28' / 181.00' S= 0.0050 ' /' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 1.77 sf

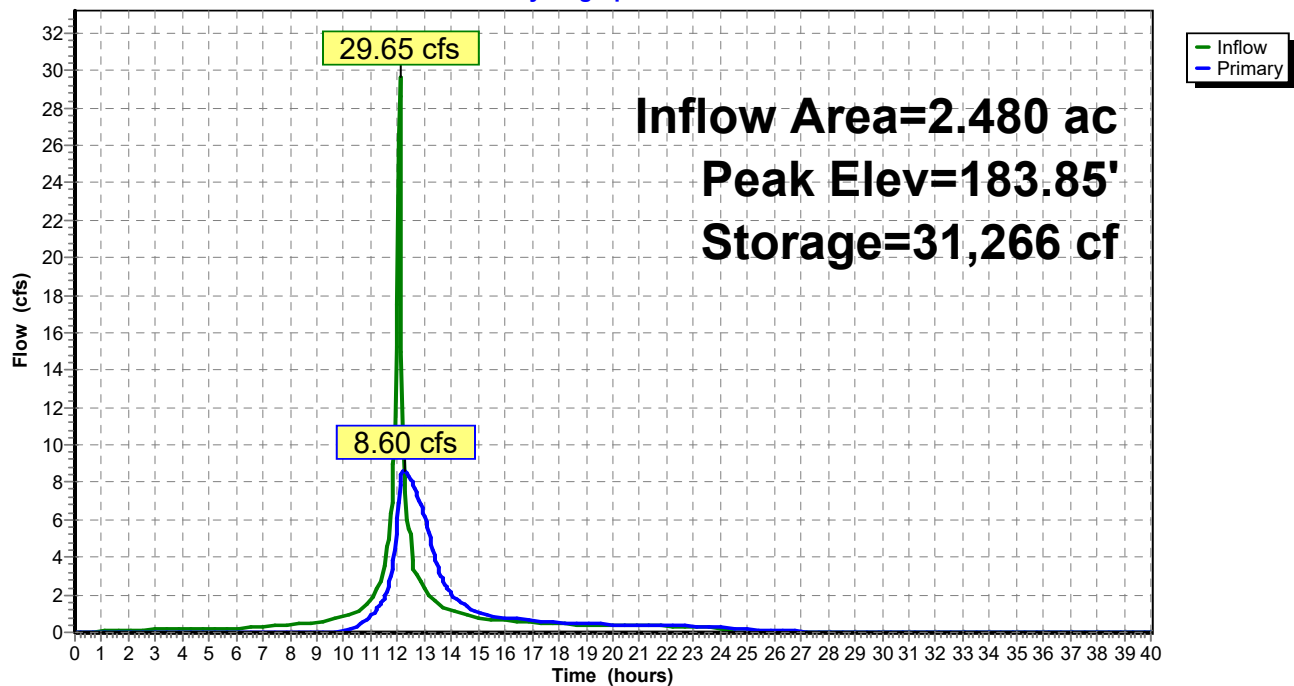
Primary OutFlow Max=8.60 cfs @ 12.25 hrs HW=183.85' (Free Discharge)

- 1=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 2=Orifice/Grate (Controls 0.00 cfs)
- 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
- 4=Culvert (Inlet Controls 8.60 cfs @ 4.87 fps)



Pond B-46A: Basin #46A

Hydrograph



Hydrograph for Pond B-46A: Basin #46A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.01	1	180.00	0.00
0.50	0.02	5	180.00	0.00
0.60	0.03	14	180.00	0.00
0.70	0.04	27	180.00	0.00
0.80	0.05	43	180.01	0.00
0.90	0.06	63	180.01	0.00
1.00	0.07	86	180.01	0.00
1.10	0.07	111	180.02	0.00
1.20	0.08	139	180.02	0.00
1.30	0.09	168	180.03	0.00
1.40	0.09	200	180.03	0.00
1.50	0.10	234	180.04	0.00
1.60	0.10	269	180.05	0.00
1.70	0.10	306	180.05	0.00
1.80	0.11	345	180.06	0.00
1.90	0.11	385	180.07	0.00
2.00	0.12	426	180.07	0.00
2.10	0.12	469	180.08	0.00
2.20	0.12	512	180.09	0.00
2.30	0.13	557	180.10	0.00
2.40	0.13	603	180.10	0.00
2.50	0.13	650	180.11	0.00
2.60	0.13	698	180.12	0.00
2.70	0.14	747	180.13	0.00
2.80	0.14	797	180.14	0.00
2.90	0.14	847	180.15	0.00
3.00	0.14	899	180.16	0.00
3.10	0.15	951	180.16	0.00
3.20	0.15	1,004	180.17	0.00
3.30	0.15	1,058	180.18	0.00
3.40	0.15	1,113	180.19	0.00
3.50	0.16	1,169	180.20	0.00
3.60	0.16	1,225	180.21	0.00
3.70	0.16	1,282	180.22	0.00
3.80	0.16	1,340	180.23	0.00
3.90	0.16	1,398	180.24	0.00
4.00	0.16	1,457	180.25	0.00
4.10	0.17	1,517	180.26	0.00
4.20	0.17	1,577	180.27	0.00
4.30	0.17	1,638	180.28	0.00
4.40	0.17	1,700	180.29	0.00
4.50	0.17	1,762	180.30	0.00
4.60	0.18	1,825	180.31	0.00
4.70	0.18	1,889	180.32	0.00
4.80	0.18	1,953	180.33	0.00
4.90	0.18	2,018	180.34	0.00
5.00	0.18	2,083	180.35	0.00
5.10	0.18	2,149	180.36	0.00

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.19	2,216	180.38	0.00
5.30	0.19	2,285	180.39	0.00
5.40	0.20	2,355	180.40	0.00
5.50	0.20	2,426	180.41	0.00
5.60	0.20	2,499	180.42	0.00
5.70	0.21	2,573	180.43	0.00
5.80	0.21	2,648	180.45	0.00
5.90	0.21	2,725	180.46	0.00
6.00	0.22	2,803	180.47	0.00
6.10	0.23	2,884	180.49	0.00
6.20	0.23	2,967	180.50	0.00
6.30	0.24	3,053	180.51	0.00
6.40	0.25	3,142	180.53	0.00
6.50	0.26	3,234	180.54	0.00
6.60	0.27	3,330	180.56	0.00
6.70	0.28	3,428	180.57	0.00
6.80	0.28	3,529	180.59	0.00
6.90	0.29	3,633	180.61	0.00
7.00	0.30	3,741	180.62	0.00
7.10	0.31	3,852	180.64	0.00
7.20	0.32	3,967	180.66	0.00
7.30	0.33	4,084	180.68	0.00
7.40	0.34	4,205	180.70	0.00
7.50	0.35	4,330	180.72	0.00
7.60	0.36	4,458	180.74	0.00
7.70	0.37	4,589	180.76	0.00
7.80	0.38	4,724	180.78	0.00
7.90	0.39	4,863	180.80	0.00
8.00	0.40	5,005	180.82	0.00
8.10	0.41	5,151	180.84	0.00
8.20	0.42	5,301	180.87	0.00
8.30	0.43	5,454	180.89	0.00
8.40	0.44	5,611	180.91	0.00
8.50	0.45	5,772	180.94	0.00
8.60	0.46	5,936	180.96	0.00
8.70	0.47	6,105	180.99	0.00
8.80	0.48	6,277	181.01	0.00
8.90	0.49	6,454	181.04	0.00
9.00	0.51	6,634	181.07	0.00
9.10	0.54	6,823	181.10	0.00
9.20	0.57	7,023	181.13	0.00
9.30	0.60	7,235	181.16	0.00
9.40	0.63	7,459	181.19	0.00
9.50	0.67	7,694	181.22	0.00
9.60	0.70	7,942	181.26	0.00
9.70	0.74	8,202	181.30	0.00
9.80	0.77	8,471	181.33	0.01
9.90	0.81	8,748	181.37	0.03
10.00	0.84	9,028	181.41	0.07
10.10	0.88	9,308	181.45	0.11
10.20	0.92	9,584	181.49	0.16
10.30	0.95	9,852	181.52	0.22

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.99	10,111	181.56	0.29
10.50	1.04	10,360	181.59	0.36
10.60	1.16	10,616	181.63	0.44
10.70	1.29	10,886	181.66	0.53
10.80	1.42	11,169	181.70	0.64
10.90	1.56	11,461	181.74	0.75
11.00	1.70	11,761	181.78	0.87
11.10	1.95	12,088	181.82	1.01
11.20	2.20	12,451	181.87	1.18
11.30	2.46	12,843	181.92	1.36
11.40	2.73	13,260	181.97	1.57
11.50	3.00	13,688	182.02	1.79
11.60	4.61	14,419	182.11	2.19
11.70	4.99	15,279	182.22	2.67
11.80	6.95	16,427	182.35	3.34
11.90	9.95	18,184	182.56	4.39
12.00	17.54	21,534	182.93	6.05
12.10	28.64	27,921	183.56	7.88
12.20	10.46	31,133	183.83	8.57
12.30	7.47	31,131	183.83	8.57
12.40	5.51	30,318	183.77	8.41
12.50	5.18	29,248	183.67	8.18
12.60	3.40	27,820	183.55	7.86
12.70	3.18	26,234	183.40	7.47
12.80	2.90	24,699	183.25	7.06
12.90	2.62	23,219	183.11	6.62
13.00	2.34	21,803	182.96	6.14
13.10	2.07	20,463	182.81	5.64
13.20	1.92	19,256	182.68	5.01
13.30	1.77	18,222	182.56	4.41
13.40	1.62	17,336	182.46	3.88
13.50	1.47	16,572	182.37	3.43
13.60	1.33	15,907	182.29	3.04
13.70	1.29	15,343	182.23	2.71
13.80	1.25	14,872	182.17	2.44
13.90	1.21	14,476	182.12	2.22
14.00	1.17	14,138	182.08	2.03
14.10	1.13	13,847	182.04	1.88
14.20	1.09	13,595	182.01	1.74
14.30	1.05	13,373	181.98	1.63
14.40	1.01	13,175	181.96	1.53
14.50	0.98	12,998	181.94	1.44
14.60	0.93	12,837	181.92	1.36
14.70	0.90	12,688	181.90	1.29
14.80	0.86	12,550	181.88	1.22
14.90	0.82	12,420	181.86	1.16
15.00	0.78	12,297	181.85	1.10
15.10	0.74	12,181	181.83	1.05
15.20	0.73	12,075	181.82	1.01
15.30	0.72	11,980	181.81	0.97
15.40	0.71	11,895	181.80	0.93
15.50	0.70	11,820	181.79	0.90

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.69	11,751	181.78	0.87
15.70	0.68	11,689	181.77	0.84
15.80	0.67	11,633	181.76	0.82
15.90	0.66	11,581	181.76	0.79
16.00	0.64	11,532	181.75	0.78
16.10	0.64	11,486	181.74	0.76
16.20	0.63	11,443	181.74	0.74
16.30	0.61	11,402	181.73	0.73
16.40	0.61	11,362	181.73	0.71
16.50	0.59	11,324	181.72	0.70
16.60	0.58	11,288	181.72	0.68
16.70	0.57	11,253	181.71	0.67
16.80	0.56	11,218	181.71	0.65
16.90	0.55	11,185	181.70	0.64
17.00	0.54	11,153	181.70	0.63
17.10	0.53	11,122	181.69	0.62
17.20	0.52	11,091	181.69	0.61
17.30	0.51	11,060	181.69	0.59
17.40	0.50	11,029	181.68	0.58
17.50	0.49	11,000	181.68	0.57
17.60	0.48	10,970	181.67	0.56
17.70	0.47	10,940	181.67	0.55
17.80	0.46	10,910	181.67	0.54
17.90	0.45	10,880	181.66	0.53
18.00	0.44	10,849	181.66	0.52
18.10	0.43	10,819	181.65	0.51
18.20	0.42	10,790	181.65	0.50
18.30	0.42	10,763	181.65	0.49
18.40	0.42	10,739	181.64	0.48
18.50	0.42	10,716	181.64	0.48
18.60	0.41	10,695	181.64	0.47
18.70	0.41	10,676	181.64	0.46
18.80	0.41	10,658	181.63	0.46
18.90	0.41	10,641	181.63	0.45
19.00	0.40	10,625	181.63	0.45
19.10	0.40	10,610	181.63	0.44
19.20	0.40	10,596	181.63	0.44
19.30	0.40	10,582	181.62	0.43
19.40	0.39	10,570	181.62	0.43
19.50	0.39	10,557	181.62	0.42
19.60	0.39	10,546	181.62	0.42
19.70	0.39	10,534	181.62	0.42
19.80	0.38	10,524	181.62	0.41
19.90	0.38	10,514	181.61	0.41
20.00	0.38	10,503	181.61	0.41
20.10	0.37	10,493	181.61	0.40
20.20	0.37	10,483	181.61	0.40
20.30	0.37	10,474	181.61	0.40
20.40	0.37	10,464	181.61	0.39
20.50	0.36	10,455	181.61	0.39
20.60	0.36	10,447	181.61	0.39
20.70	0.36	10,438	181.60	0.38

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.36	10,429	181.60	0.38
20.90	0.35	10,420	181.60	0.38
21.00	0.35	10,412	181.60	0.37
21.10	0.35	10,403	181.60	0.37
21.20	0.35	10,394	181.60	0.37
21.30	0.35	10,386	181.60	0.37
21.40	0.34	10,377	181.60	0.37
21.50	0.34	10,368	181.59	0.36
21.60	0.34	10,359	181.59	0.36
21.70	0.33	10,350	181.59	0.36
21.80	0.33	10,342	181.59	0.36
21.90	0.33	10,333	181.59	0.35
22.00	0.32	10,323	181.59	0.35
22.10	0.32	10,314	181.59	0.35
22.20	0.32	10,305	181.59	0.35
22.30	0.32	10,296	181.58	0.34
22.40	0.31	10,286	181.58	0.34
22.50	0.31	10,277	181.58	0.34
22.60	0.31	10,268	181.58	0.34
22.70	0.31	10,259	181.58	0.33
22.80	0.30	10,249	181.58	0.33
22.90	0.30	10,239	181.58	0.33
23.00	0.30	10,230	181.58	0.32
23.10	0.30	10,221	181.57	0.32
23.20	0.29	10,211	181.57	0.32
23.30	0.29	10,201	181.57	0.32
23.40	0.29	10,192	181.57	0.31
23.50	0.28	10,183	181.57	0.31
23.60	0.28	10,173	181.57	0.31
23.70	0.28	10,164	181.57	0.31
23.80	0.28	10,154	181.57	0.30
23.90	0.28	10,145	181.56	0.30
24.00	0.33	10,149	181.57	0.30
24.10	0.00	10,087	181.56	0.29
24.20	0.00	9,989	181.54	0.26
24.30	0.00	9,900	181.53	0.23
24.40	0.00	9,820	181.52	0.21
24.50	0.00	9,746	181.51	0.20
24.60	0.00	9,678	181.50	0.18
24.70	0.00	9,614	181.49	0.17
24.80	0.00	9,555	181.48	0.16
24.90	0.00	9,500	181.48	0.15
25.00	0.00	9,448	181.47	0.14
25.10	0.00	9,401	181.46	0.13
25.20	0.00	9,357	181.46	0.12
25.30	0.00	9,316	181.45	0.11
25.40	0.00	9,277	181.45	0.10
25.50	0.00	9,242	181.44	0.09
25.60	0.00	9,209	181.44	0.09
25.70	0.00	9,177	181.43	0.09
25.80	0.00	9,147	181.43	0.08
25.90	0.00	9,118	181.42	0.08

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	9,090	181.42	0.08
26.10	0.00	9,063	181.42	0.07
26.20	0.00	9,038	181.41	0.07
26.30	0.00	9,014	181.41	0.07
26.40	0.00	8,990	181.41	0.06
26.50	0.00	8,968	181.40	0.06
26.60	0.00	8,947	181.40	0.06
26.70	0.00	8,927	181.40	0.06
26.80	0.00	8,907	181.39	0.05
26.90	0.00	8,889	181.39	0.05
27.00	0.00	8,871	181.39	0.05
27.10	0.00	8,854	181.39	0.05
27.20	0.00	8,838	181.39	0.04
27.30	0.00	8,822	181.38	0.04
27.40	0.00	8,807	181.38	0.04
27.50	0.00	8,793	181.38	0.04
27.60	0.00	8,779	181.38	0.04
27.70	0.00	8,766	181.38	0.04
27.80	0.00	8,754	181.37	0.03
27.90	0.00	8,742	181.37	0.03
28.00	0.00	8,731	181.37	0.03
28.10	0.00	8,720	181.37	0.03
28.20	0.00	8,709	181.37	0.03
28.30	0.00	8,699	181.37	0.03
28.40	0.00	8,690	181.36	0.03
28.50	0.00	8,681	181.36	0.02
28.60	0.00	8,672	181.36	0.02
28.70	0.00	8,664	181.36	0.02
28.80	0.00	8,656	181.36	0.02
28.90	0.00	8,648	181.36	0.02
29.00	0.00	8,640	181.36	0.02
29.10	0.00	8,633	181.36	0.02
29.20	0.00	8,625	181.36	0.02
29.30	0.00	8,618	181.35	0.02
29.40	0.00	8,611	181.35	0.02
29.50	0.00	8,604	181.35	0.02
29.60	0.00	8,596	181.35	0.02
29.70	0.00	8,590	181.35	0.02
29.80	0.00	8,583	181.35	0.02
29.90	0.00	8,576	181.35	0.02
30.00	0.00	8,569	181.35	0.02
30.10	0.00	8,563	181.35	0.02
30.20	0.00	8,556	181.35	0.02
30.30	0.00	8,550	181.34	0.02
30.40	0.00	8,543	181.34	0.02
30.50	0.00	8,537	181.34	0.02
30.60	0.00	8,531	181.34	0.02
30.70	0.00	8,525	181.34	0.02
30.80	0.00	8,519	181.34	0.02
30.90	0.00	8,513	181.34	0.02
31.00	0.00	8,507	181.34	0.02
31.10	0.00	8,501	181.34	0.02

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,496	181.34	0.02
31.30	0.00	8,490	181.34	0.02
31.40	0.00	8,485	181.34	0.02
31.50	0.00	8,479	181.33	0.01
31.60	0.00	8,474	181.33	0.01
31.70	0.00	8,469	181.33	0.01
31.80	0.00	8,463	181.33	0.01
31.90	0.00	8,458	181.33	0.01
32.00	0.00	8,453	181.33	0.01
32.10	0.00	8,448	181.33	0.01
32.20	0.00	8,443	181.33	0.01
32.30	0.00	8,439	181.33	0.01
32.40	0.00	8,434	181.33	0.01
32.50	0.00	8,429	181.33	0.01
32.60	0.00	8,424	181.33	0.01
32.70	0.00	8,420	181.33	0.01
32.80	0.00	8,415	181.33	0.01
32.90	0.00	8,411	181.33	0.01
33.00	0.00	8,406	181.32	0.01
33.10	0.00	8,402	181.32	0.01
33.20	0.00	8,398	181.32	0.01
33.30	0.00	8,394	181.32	0.01
33.40	0.00	8,389	181.32	0.01
33.50	0.00	8,385	181.32	0.01
33.60	0.00	8,381	181.32	0.01
33.70	0.00	8,377	181.32	0.01
33.80	0.00	8,373	181.32	0.01
33.90	0.00	8,369	181.32	0.01
34.00	0.00	8,366	181.32	0.01
34.10	0.00	8,362	181.32	0.01
34.20	0.00	8,358	181.32	0.01
34.30	0.00	8,354	181.32	0.01
34.40	0.00	8,351	181.32	0.01
34.50	0.00	8,347	181.32	0.01
34.60	0.00	8,344	181.32	0.01
34.70	0.00	8,340	181.32	0.01
34.80	0.00	8,337	181.31	0.01
34.90	0.00	8,333	181.31	0.01
35.00	0.00	8,330	181.31	0.01
35.10	0.00	8,327	181.31	0.01
35.20	0.00	8,323	181.31	0.01
35.30	0.00	8,320	181.31	0.01
35.40	0.00	8,317	181.31	0.01
35.50	0.00	8,314	181.31	0.01
35.60	0.00	8,311	181.31	0.01
35.70	0.00	8,308	181.31	0.01
35.80	0.00	8,305	181.31	0.01
35.90	0.00	8,302	181.31	0.01
36.00	0.00	8,299	181.31	0.01
36.10	0.00	8,296	181.31	0.01
36.20	0.00	8,293	181.31	0.01
36.30	0.00	8,291	181.31	0.01

Hydrograph for Pond B-46A: Basin #46A (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,288	181.31	0.01
36.50	0.00	8,285	181.31	0.01
36.60	0.00	8,282	181.31	0.01
36.70	0.00	8,280	181.31	0.01
36.80	0.00	8,277	181.31	0.01
36.90	0.00	8,275	181.31	0.01
37.00	0.00	8,272	181.31	0.01
37.10	0.00	8,270	181.31	0.01
37.20	0.00	8,267	181.30	0.01
37.30	0.00	8,265	181.30	0.01
37.40	0.00	8,262	181.30	0.01
37.50	0.00	8,260	181.30	0.01
37.60	0.00	8,258	181.30	0.01
37.70	0.00	8,255	181.30	0.01
37.80	0.00	8,253	181.30	0.01
37.90	0.00	8,251	181.30	0.01
38.00	0.00	8,249	181.30	0.01
38.10	0.00	8,247	181.30	0.01
38.20	0.00	8,244	181.30	0.01
38.30	0.00	8,242	181.30	0.01
38.40	0.00	8,240	181.30	0.01
38.50	0.00	8,238	181.30	0.01
38.60	0.00	8,236	181.30	0.01
38.70	0.00	8,234	181.30	0.01
38.80	0.00	8,232	181.30	0.01
38.90	0.00	8,230	181.30	0.01
39.00	0.00	8,228	181.30	0.01
39.10	0.00	8,226	181.30	0.01
39.20	0.00	8,225	181.30	0.01
39.30	0.00	8,223	181.30	0.01
39.40	0.00	8,221	181.30	0.00
39.50	0.00	8,219	181.30	0.00
39.60	0.00	8,217	181.30	0.00
39.70	0.00	8,216	181.30	0.00
39.80	0.00	8,214	181.30	0.00
39.90	0.00	8,212	181.30	0.00
40.00	0.00	8,211	181.30	0.00

Stage-Discharge for Pond B-46A: Basin #46A

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.29
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.31
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.33
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.35
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.37
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.40
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.42
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.44
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.47
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.49
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.52
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.55
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.57
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.60
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.63
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.66
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.69
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.72
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.75
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.78
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.81
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.84
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.87
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.91
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.94
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.97
180.26	0.00	180.78	0.00	181.30	0.00	181.82	1.01
180.27	0.00	180.79	0.00	181.31	0.00	181.83	1.04
180.28	0.00	180.80	0.00	181.32	0.00	181.84	1.08
180.29	0.00	180.81	0.00	181.33	0.01	181.85	1.11
180.30	0.00	180.82	0.00	181.34	0.01	181.86	1.15
180.31	0.00	180.83	0.00	181.35	0.02	181.87	1.18
180.32	0.00	180.84	0.00	181.36	0.02	181.88	1.22
180.33	0.00	180.85	0.00	181.37	0.03	181.89	1.26
180.34	0.00	180.86	0.00	181.38	0.03	181.90	1.29
180.35	0.00	180.87	0.00	181.39	0.04	181.91	1.33
180.36	0.00	180.88	0.00	181.40	0.05	181.92	1.37
180.37	0.00	180.89	0.00	181.41	0.06	181.93	1.41
180.38	0.00	180.90	0.00	181.42	0.07	181.94	1.45
180.39	0.00	180.91	0.00	181.43	0.08	181.95	1.49
180.40	0.00	180.92	0.00	181.44	0.09	181.96	1.53
180.41	0.00	180.93	0.00	181.45	0.11	181.97	1.57
180.42	0.00	180.94	0.00	181.46	0.12	181.98	1.61
180.43	0.00	180.95	0.00	181.47	0.13	181.99	1.65
180.44	0.00	180.96	0.00	181.48	0.15	182.00	1.69
180.45	0.00	180.97	0.00	181.49	0.16	182.01	1.73
180.46	0.00	180.98	0.00	181.50	0.18	182.02	1.77
180.47	0.00	180.99	0.00	181.51	0.19	182.03	1.82
180.48	0.00	181.00	0.00	181.52	0.21	182.04	1.86
180.49	0.00	181.01	0.00	181.53	0.23	182.05	1.90
180.50	0.00	181.02	0.00	181.54	0.25	182.06	1.95
180.51	0.00	181.03	0.00	181.55	0.27	182.07	1.99

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	2.03	182.60	4.60	183.12	6.66	183.64	8.10
182.09	2.08	182.61	4.65	183.13	6.69	183.65	8.12
182.10	2.12	182.62	4.71	183.14	6.72	183.66	8.15
182.11	2.17	182.63	4.76	183.15	6.75	183.67	8.17
182.12	2.21	182.64	4.81	183.16	6.78	183.68	8.20
182.13	2.26	182.65	4.86	183.17	6.81	183.69	8.22
182.14	2.30	182.66	4.91	183.18	6.84	183.70	8.25
182.15	2.35	182.67	4.96	183.19	6.87	183.71	8.27
182.16	2.40	182.68	5.01	183.20	6.90	183.72	8.30
182.17	2.44	182.69	5.07	183.21	6.93	183.73	8.32
182.18	2.49	182.70	5.12	183.22	6.96	183.74	8.34
182.19	2.54	182.71	5.17	183.23	6.99	183.75	8.37
182.20	2.58	182.72	5.22	183.24	7.02	183.76	8.39
182.21	2.63	182.73	5.27	183.25	7.05	183.77	8.42
182.22	2.68	182.74	5.32	183.26	7.08	183.78	8.44
182.23	2.73	182.75	5.37	183.27	7.11	183.79	8.47
182.24	2.77	182.76	5.42	183.28	7.13	183.80	8.49
182.25	2.82	182.77	5.47	183.29	7.16	183.81	8.51
182.26	2.87	182.78	5.52	183.30	7.19	183.82	8.54
182.27	2.92	182.79	5.56	183.31	7.22	183.83	8.56
182.28	2.97	182.80	5.60	183.32	7.25	183.84	8.59
182.29	3.02	182.81	5.64	183.33	7.28	183.85	8.61
182.30	3.07	182.82	5.67	183.34	7.30	183.86	8.63
182.31	3.12	182.83	5.71	183.35	7.33	183.87	8.66
182.32	3.17	182.84	5.74	183.36	7.36	183.88	8.68
182.33	3.22	182.85	5.78	183.37	7.39	183.89	8.70
182.34	3.27	182.86	5.81	183.38	7.41	183.90	8.73
182.35	3.32	182.87	5.85	183.39	7.44	183.91	8.75
182.36	3.37	182.88	5.88	183.40	7.47	183.92	8.77
182.37	3.42	182.89	5.92	183.41	7.50	183.93	8.80
182.38	3.47	182.90	5.95	183.42	7.52	183.94	8.82
182.39	3.52	182.91	5.99	183.43	7.55	183.95	8.84
182.40	3.57	182.92	6.02	183.44	7.58	183.96	8.87
182.41	3.62	182.93	6.05	183.45	7.60	183.97	8.89
182.42	3.67	182.94	6.09	183.46	7.63	183.98	8.91
182.43	3.72	182.95	6.12	183.47	7.66	183.99	8.93
182.44	3.77	182.96	6.15	183.48	7.68	184.00	8.96
182.45	3.83	182.97	6.19	183.49	7.71	184.01	8.98
182.46	3.88	182.98	6.22	183.50	7.74	184.02	9.00
182.47	3.93	182.99	6.25	183.51	7.76	184.03	9.02
182.48	3.98	183.00	6.29	183.52	7.79	184.04	9.05
182.49	4.03	183.01	6.32	183.53	7.82	184.05	9.07
182.50	4.08	183.02	6.35	183.54	7.84	184.06	9.09
182.51	4.13	183.03	6.38	183.55	7.87	184.07	9.11
182.52	4.19	183.04	6.41	183.56	7.89	184.08	9.14
182.53	4.24	183.05	6.45	183.57	7.92	184.09	9.16
182.54	4.29	183.06	6.48	183.58	7.94	184.10	9.18
182.55	4.34	183.07	6.51	183.59	7.97	184.11	9.20
182.56	4.39	183.08	6.54	183.60	8.00	184.12	9.23
182.57	4.45	183.09	6.57	183.61	8.02	184.13	9.25
182.58	4.50	183.10	6.60	183.62	8.05	184.14	9.27
182.59	4.55	183.11	6.63	183.63	8.07	184.15	9.29

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	9.31	184.68	10.39	185.20	11.36	185.72	12.26
184.17	9.34	184.69	10.41	185.21	11.38	185.73	12.28
184.18	9.36	184.70	10.43	185.22	11.40	185.74	12.29
184.19	9.38	184.71	10.45	185.23	11.42	185.75	12.31
184.20	9.40	184.72	10.47	185.24	11.43	185.76	12.32
184.21	9.42	184.73	10.49	185.25	11.45	185.77	12.34
184.22	9.44	184.74	10.51	185.26	11.47	185.78	12.36
184.23	9.47	184.75	10.52	185.27	11.49	185.79	12.37
184.24	9.49	184.76	10.54	185.28	11.50	185.80	12.39
184.25	9.51	184.77	10.56	185.29	11.52	185.81	12.41
184.26	9.53	184.78	10.58	185.30	11.54	185.82	12.42
184.27	9.55	184.79	10.60	185.31	11.56	185.83	12.44
184.28	9.57	184.80	10.62	185.32	11.58	185.84	12.46
184.29	9.59	184.81	10.64	185.33	11.59	185.85	12.47
184.30	9.61	184.82	10.66	185.34	11.61	185.86	12.49
184.31	9.64	184.83	10.68	185.35	11.63	185.87	12.51
184.32	9.66	184.84	10.70	185.36	11.65	185.88	12.52
184.33	9.68	184.85	10.72	185.37	11.66	185.89	12.54
184.34	9.70	184.86	10.74	185.38	11.68	185.90	12.55
184.35	9.72	184.87	10.75	185.39	11.70	185.91	12.57
184.36	9.74	184.88	10.77	185.40	11.72	185.92	12.59
184.37	9.76	184.89	10.79	185.41	11.73	185.93	12.60
184.38	9.78	184.90	10.81	185.42	11.75	185.94	12.62
184.39	9.80	184.91	10.83	185.43	11.77	185.95	12.63
184.40	9.82	184.92	10.85	185.44	11.78	185.96	12.65
184.41	9.85	184.93	10.87	185.45	11.80	185.97	12.67
184.42	9.87	184.94	10.89	185.46	11.82	185.98	12.68
184.43	9.89	184.95	10.90	185.47	11.84	185.99	12.70
184.44	9.91	184.96	10.92	185.48	11.85	186.00	12.72
184.45	9.93	184.97	10.94	185.49	11.87	186.01	12.73
184.46	9.95	184.98	10.96	185.50	11.89	186.02	12.75
184.47	9.97	184.99	10.98	185.51	11.90	186.03	12.76
184.48	9.99	185.00	11.00	185.52	11.92	186.04	12.78
184.49	10.01	185.01	11.02	185.53	11.94	186.05	12.80
184.50	10.03	185.02	11.03	185.54	11.96	186.06	12.81
184.51	10.05	185.03	11.05	185.55	11.97	186.07	12.83
184.52	10.07	185.04	11.07	185.56	11.99	186.08	12.84
184.53	10.09	185.05	11.09	185.57	12.01	186.09	12.86
184.54	10.11	185.06	11.11	185.58	12.02	186.10	12.87
184.55	10.13	185.07	11.13	185.59	12.04	186.11	12.89
184.56	10.15	185.08	11.14	185.60	12.06	186.12	12.91
184.57	10.17	185.09	11.16	185.61	12.07	186.13	12.92
184.58	10.19	185.10	11.18	185.62	12.09	186.14	12.94
184.59	10.21	185.11	11.20	185.63	12.11	186.15	12.95
184.60	10.23	185.12	11.22	185.64	12.12	186.16	12.97
184.61	10.25	185.13	11.24	185.65	12.14	186.17	12.98
184.62	10.27	185.14	11.25	185.66	12.16	186.18	13.00
184.63	10.29	185.15	11.27	185.67	12.18	186.19	13.02
184.64	10.31	185.16	11.29	185.68	12.19	186.20	13.03
184.65	10.33	185.17	11.31	185.69	12.21	186.21	13.05
184.66	10.35	185.18	11.33	185.70	12.23	186.22	13.06
184.67	10.37	185.19	11.34	185.71	12.24	186.23	13.08

Stage-Discharge for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	13.09	186.76	13.88	187.28	14.62	187.80	44.13
186.25	13.11	186.77	13.89	187.29	14.64	187.81	45.67
186.26	13.12	186.78	13.91	187.30	14.65	187.82	47.23
186.27	13.14	186.79	13.92	187.31	14.66	187.83	48.82
186.28	13.16	186.80	13.94	187.32	14.68	187.84	50.44
186.29	13.17	186.81	13.95	187.33	14.69	187.85	52.10
186.30	13.19	186.82	13.97	187.34	14.71	187.86	53.78
186.31	13.20	186.83	13.98	187.35	14.72	187.87	54.55
186.32	13.22	186.84	14.00	187.36	14.73	187.88	55.04
186.33	13.23	186.85	14.01	187.37	14.75	187.89	55.53
186.34	13.25	186.86	14.02	187.38	14.76	187.90	56.02
186.35	13.26	186.87	14.04	187.39	14.77	187.91	56.49
186.36	13.28	186.88	14.05	187.40	14.79	187.92	56.97
186.37	13.29	186.89	14.07	187.41	14.80	187.93	57.44
186.38	13.31	186.90	14.08	187.42	14.82	187.94	57.90
186.39	13.33	186.91	14.10	187.43	14.83	187.95	58.36
186.40	13.34	186.92	14.11	187.44	14.84	187.96	58.82
186.41	13.36	186.93	14.13	187.45	14.86	187.97	59.27
186.42	13.37	186.94	14.14	187.46	14.87	187.98	59.72
186.43	13.39	186.95	14.16	187.47	14.88	187.99	60.17
186.44	13.40	186.96	14.17	187.48	14.90	188.00	60.62
186.45	13.42	186.97	14.18	187.49	14.91		
186.46	13.43	186.98	14.20	187.50	14.93		
186.47	13.45	186.99	14.21	187.51	15.10		
186.48	13.46	187.00	14.23	187.52	15.42		
186.49	13.48	187.01	14.24	187.53	15.82		
186.50	13.49	187.02	14.26	187.54	16.30		
186.51	13.51	187.03	14.27	187.55	16.84		
186.52	13.52	187.04	14.28	187.56	17.44		
186.53	13.54	187.05	14.30	187.57	18.10		
186.54	13.55	187.06	14.31	187.58	18.80		
186.55	13.57	187.07	14.33	187.59	19.56		
186.56	13.58	187.08	14.34	187.60	20.36		
186.57	13.60	187.09	14.35	187.61	21.20		
186.58	13.61	187.10	14.37	187.62	22.08		
186.59	13.63	187.11	14.38	187.63	23.00		
186.60	13.64	187.12	14.40	187.64	23.97		
186.61	13.66	187.13	14.41	187.65	24.97		
186.62	13.67	187.14	14.43	187.66	26.01		
186.63	13.69	187.15	14.44	187.67	27.08		
186.64	13.70	187.16	14.45	187.68	28.20		
186.65	13.72	187.17	14.47	187.69	29.34		
186.66	13.73	187.18	14.48	187.70	30.52		
186.67	13.75	187.19	14.50	187.71	31.74		
186.68	13.76	187.20	14.51	187.72	32.99		
186.69	13.78	187.21	14.52	187.73	34.27		
186.70	13.79	187.22	14.54	187.74	35.58		
186.71	13.81	187.23	14.55	187.75	36.93		
186.72	13.82	187.24	14.57	187.76	38.31		
186.73	13.83	187.25	14.58	187.77	39.72		
186.74	13.85	187.26	14.59	187.78	41.16		
186.75	13.86	187.27	14.61	187.79	42.63		

Stage-Area-Storage for Pond B-46A: Basin #46A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,720	0	180.52	6,198	3,099
180.01	5,729	57	180.53	6,207	3,161
180.02	5,738	115	180.54	6,216	3,223
180.03	5,748	172	180.55	6,225	3,285
180.04	5,757	230	180.56	6,235	3,347
180.05	5,766	287	180.57	6,244	3,410
180.06	5,775	345	180.58	6,253	3,472
180.07	5,784	403	180.59	6,262	3,535
180.08	5,794	461	180.60	6,271	3,597
180.09	5,803	519	180.61	6,281	3,660
180.10	5,812	577	180.62	6,290	3,723
180.11	5,821	635	180.63	6,299	3,786
180.12	5,830	693	180.64	6,308	3,849
180.13	5,839	751	180.65	6,317	3,912
180.14	5,849	810	180.66	6,327	3,975
180.15	5,858	868	180.67	6,336	4,039
180.16	5,867	927	180.68	6,345	4,102
180.17	5,876	986	180.69	6,354	4,166
180.18	5,885	1,044	180.70	6,363	4,229
180.19	5,895	1,103	180.71	6,372	4,293
180.20	5,904	1,162	180.72	6,382	4,357
180.21	5,913	1,221	180.73	6,391	4,420
180.22	5,922	1,281	180.74	6,400	4,484
180.23	5,931	1,340	180.75	6,409	4,548
180.24	5,941	1,399	180.76	6,418	4,613
180.25	5,950	1,459	180.77	6,428	4,677
180.26	5,959	1,518	180.78	6,437	4,741
180.27	5,968	1,578	180.79	6,446	4,806
180.28	5,977	1,638	180.80	6,455	4,870
180.29	5,987	1,697	180.81	6,464	4,935
180.30	5,996	1,757	180.82	6,474	4,999
180.31	6,005	1,817	180.83	6,483	5,064
180.32	6,014	1,877	180.84	6,492	5,129
180.33	6,023	1,938	180.85	6,501	5,194
180.34	6,032	1,998	180.86	6,510	5,259
180.35	6,042	2,058	180.87	6,520	5,324
180.36	6,051	2,119	180.88	6,529	5,389
180.37	6,060	2,179	180.89	6,538	5,455
180.38	6,069	2,240	180.90	6,547	5,520
180.39	6,078	2,301	180.91	6,556	5,586
180.40	6,088	2,362	180.92	6,565	5,651
180.41	6,097	2,422	180.93	6,575	5,717
180.42	6,106	2,483	180.94	6,584	5,783
180.43	6,115	2,545	180.95	6,593	5,849
180.44	6,124	2,606	180.96	6,602	5,915
180.45	6,134	2,667	180.97	6,611	5,981
180.46	6,143	2,728	180.98	6,621	6,047
180.47	6,152	2,790	180.99	6,630	6,113
180.48	6,161	2,851	181.00	6,639	6,180
180.49	6,170	2,913	181.01	6,653	6,246
180.50	6,180	2,975	181.02	6,666	6,313
180.51	6,189	3,037	181.03	6,680	6,379

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	6,693	6,446	181.56	7,400	10,110
181.05	6,707	6,513	181.57	7,414	10,184
181.06	6,721	6,580	181.58	7,427	10,259
181.07	6,734	6,648	181.59	7,441	10,333
181.08	6,748	6,715	181.60	7,454	10,408
181.09	6,761	6,783	181.61	7,468	10,482
181.10	6,775	6,850	181.62	7,482	10,557
181.11	6,788	6,918	181.63	7,495	10,632
181.12	6,802	6,986	181.64	7,509	10,707
181.13	6,816	7,054	181.65	7,522	10,782
181.14	6,829	7,122	181.66	7,536	10,857
181.15	6,843	7,191	181.67	7,550	10,933
181.16	6,856	7,259	181.68	7,563	11,008
181.17	6,870	7,328	181.69	7,577	11,084
181.18	6,884	7,397	181.70	7,590	11,160
181.19	6,897	7,465	181.71	7,604	11,236
181.20	6,911	7,534	181.72	7,617	11,312
181.21	6,924	7,604	181.73	7,631	11,388
181.22	6,938	7,673	181.74	7,645	11,464
181.23	6,952	7,742	181.75	7,658	11,541
181.24	6,965	7,812	181.76	7,672	11,618
181.25	6,979	7,882	181.77	7,685	11,694
181.26	6,992	7,952	181.78	7,699	11,771
181.27	7,006	8,022	181.79	7,713	11,848
181.28	7,020	8,092	181.80	7,726	11,926
181.29	7,033	8,162	181.81	7,740	12,003
181.30	7,047	8,232	181.82	7,753	12,080
181.31	7,060	8,303	181.83	7,767	12,158
181.32	7,074	8,374	181.84	7,781	12,236
181.33	7,087	8,444	181.85	7,794	12,314
181.34	7,101	8,515	181.86	7,808	12,392
181.35	7,115	8,586	181.87	7,821	12,470
181.36	7,128	8,658	181.88	7,835	12,548
181.37	7,142	8,729	181.89	7,849	12,626
181.38	7,155	8,800	181.90	7,862	12,705
181.39	7,169	8,872	181.91	7,876	12,784
181.40	7,183	8,944	181.92	7,889	12,863
181.41	7,196	9,016	181.93	7,903	12,941
181.42	7,210	9,088	181.94	7,916	13,021
181.43	7,223	9,160	181.95	7,930	13,100
181.44	7,237	9,232	181.96	7,944	13,179
181.45	7,251	9,305	181.97	7,957	13,259
181.46	7,264	9,377	181.98	7,971	13,338
181.47	7,278	9,450	181.99	7,984	13,418
181.48	7,291	9,523	182.00	7,998	13,498
181.49	7,305	9,596	182.01	8,012	13,578
181.50	7,319	9,669	182.02	8,026	13,658
181.51	7,332	9,742	182.03	8,040	13,739
181.52	7,346	9,816	182.04	8,055	13,819
181.53	7,359	9,889	182.05	8,069	13,900
181.54	7,373	9,963	182.06	8,083	13,980
181.55	7,386	10,036	182.07	8,097	14,061

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,111	14,142	182.60	8,847	18,551
182.09	8,125	14,224	182.61	8,861	18,640
182.10	8,139	14,305	182.62	8,875	18,729
182.11	8,154	14,386	182.63	8,889	18,818
182.12	8,168	14,468	182.64	8,904	18,907
182.13	8,182	14,550	182.65	8,918	18,996
182.14	8,196	14,632	182.66	8,932	19,085
182.15	8,210	14,714	182.67	8,946	19,174
182.16	8,224	14,796	182.68	8,960	19,264
182.17	8,239	14,878	182.69	8,974	19,353
182.18	8,253	14,961	182.70	8,988	19,443
182.19	8,267	15,043	182.71	9,003	19,533
182.20	8,281	15,126	182.72	9,017	19,623
182.21	8,295	15,209	182.73	9,031	19,714
182.22	8,309	15,292	182.74	9,045	19,804
182.23	8,323	15,375	182.75	9,059	19,894
182.24	8,338	15,458	182.76	9,073	19,985
182.25	8,352	15,542	182.77	9,088	20,076
182.26	8,366	15,625	182.78	9,102	20,167
182.27	8,380	15,709	182.79	9,116	20,258
182.28	8,394	15,793	182.80	9,130	20,349
182.29	8,408	15,877	182.81	9,144	20,441
182.30	8,423	15,961	182.82	9,158	20,532
182.31	8,437	16,045	182.83	9,172	20,624
182.32	8,451	16,130	182.84	9,187	20,716
182.33	8,465	16,214	182.85	9,201	20,807
182.34	8,479	16,299	182.86	9,215	20,900
182.35	8,493	16,384	182.87	9,229	20,992
182.36	8,507	16,469	182.88	9,243	21,084
182.37	8,522	16,554	182.89	9,257	21,177
182.38	8,536	16,639	182.90	9,272	21,269
182.39	8,550	16,725	182.91	9,286	21,362
182.40	8,564	16,810	182.92	9,300	21,455
182.41	8,578	16,896	182.93	9,314	21,548
182.42	8,592	16,982	182.94	9,328	21,641
182.43	8,606	17,068	182.95	9,342	21,735
182.44	8,621	17,154	182.96	9,356	21,828
182.45	8,635	17,240	182.97	9,371	21,922
182.46	8,649	17,327	182.98	9,385	22,016
182.47	8,663	17,413	182.99	9,399	22,109
182.48	8,677	17,500	183.00	9,413	22,204
182.49	8,691	17,587	183.01	9,444	22,298
182.50	8,706	17,674	183.02	9,475	22,392
182.51	8,720	17,761	183.03	9,506	22,487
182.52	8,734	17,848	183.04	9,537	22,583
182.53	8,748	17,936	183.05	9,568	22,678
182.54	8,762	18,023	183.06	9,599	22,774
182.55	8,776	18,111	183.07	9,630	22,870
182.56	8,790	18,199	183.08	9,661	22,966
182.57	8,805	18,287	183.09	9,692	23,063
182.58	8,819	18,375	183.10	9,723	23,160
182.59	8,833	18,463	183.11	9,754	23,258

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,785	23,355	183.64	11,398	28,863
183.13	9,816	23,453	183.65	11,429	28,977
183.14	9,847	23,552	183.66	11,460	29,092
183.15	9,878	23,650	183.67	11,491	29,206
183.16	9,909	23,749	183.68	11,522	29,322
183.17	9,940	23,849	183.69	11,553	29,437
183.18	9,971	23,948	183.70	11,584	29,553
183.19	10,002	24,048	183.71	11,615	29,669
183.20	10,033	24,148	183.72	11,646	29,785
183.21	10,064	24,249	183.73	11,677	29,902
183.22	10,095	24,349	183.74	11,708	30,018
183.23	10,126	24,451	183.75	11,740	30,136
183.24	10,157	24,552	183.76	11,771	30,253
183.25	10,189	24,654	183.77	11,802	30,371
183.26	10,220	24,756	183.78	11,833	30,489
183.27	10,251	24,858	183.79	11,864	30,608
183.28	10,282	24,961	183.80	11,895	30,727
183.29	10,313	25,064	183.81	11,926	30,846
183.30	10,344	25,167	183.82	11,957	30,965
183.31	10,375	25,271	183.83	11,988	31,085
183.32	10,406	25,374	183.84	12,019	31,205
183.33	10,437	25,479	183.85	12,050	31,325
183.34	10,468	25,583	183.86	12,081	31,446
183.35	10,499	25,688	183.87	12,112	31,567
183.36	10,530	25,793	183.88	12,143	31,688
183.37	10,561	25,899	183.89	12,174	31,810
183.38	10,592	26,004	183.90	12,205	31,932
183.39	10,623	26,110	183.91	12,236	32,054
183.40	10,654	26,217	183.92	12,267	32,176
183.41	10,685	26,324	183.93	12,298	32,299
183.42	10,716	26,431	183.94	12,329	32,422
183.43	10,747	26,538	183.95	12,360	32,546
183.44	10,778	26,645	183.96	12,391	32,669
183.45	10,809	26,753	183.97	12,422	32,793
183.46	10,840	26,862	183.98	12,453	32,918
183.47	10,871	26,970	183.99	12,484	33,043
183.48	10,902	27,079	184.00	12,515	33,168
183.49	10,933	27,188	184.01	12,531	33,293
183.50	10,964	27,298	184.02	12,547	33,418
183.51	10,995	27,408	184.03	12,563	33,544
183.52	11,026	27,518	184.04	12,580	33,669
183.53	11,057	27,628	184.05	12,596	33,795
183.54	11,088	27,739	184.06	12,612	33,921
183.55	11,119	27,850	184.07	12,628	34,048
183.56	11,150	27,961	184.08	12,644	34,174
183.57	11,181	28,073	184.09	12,660	34,300
183.58	11,212	28,185	184.10	12,676	34,427
183.59	11,243	28,297	184.11	12,692	34,554
183.60	11,274	28,410	184.12	12,709	34,681
183.61	11,305	28,523	184.13	12,725	34,808
183.62	11,336	28,636	184.14	12,741	34,935
183.63	11,367	28,749	184.15	12,757	35,063

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	12,773	35,191	184.68	13,612	42,051
184.17	12,789	35,318	184.69	13,628	42,187
184.18	12,805	35,446	184.70	13,644	42,323
184.19	12,821	35,574	184.71	13,660	42,460
184.20	12,838	35,703	184.72	13,676	42,596
184.21	12,854	35,831	184.73	13,692	42,733
184.22	12,870	35,960	184.74	13,709	42,870
184.23	12,886	36,089	184.75	13,725	43,007
184.24	12,902	36,218	184.76	13,741	43,145
184.25	12,918	36,347	184.77	13,757	43,282
184.26	12,934	36,476	184.78	13,773	43,420
184.27	12,951	36,605	184.79	13,789	43,558
184.28	12,967	36,735	184.80	13,805	43,696
184.29	12,983	36,865	184.81	13,822	43,834
184.30	12,999	36,995	184.82	13,838	43,972
184.31	13,015	37,125	184.83	13,854	44,111
184.32	13,031	37,255	184.84	13,870	44,249
184.33	13,047	37,385	184.85	13,886	44,388
184.34	13,063	37,516	184.86	13,902	44,527
184.35	13,080	37,647	184.87	13,918	44,666
184.36	13,096	37,777	184.88	13,934	44,805
184.37	13,112	37,908	184.89	13,951	44,945
184.38	13,128	38,040	184.90	13,967	45,084
184.39	13,144	38,171	184.91	13,983	45,224
184.40	13,160	38,303	184.92	13,999	45,364
184.41	13,176	38,434	184.93	14,015	45,504
184.42	13,192	38,566	184.94	14,031	45,644
184.43	13,209	38,698	184.95	14,047	45,785
184.44	13,225	38,830	184.96	14,063	45,925
184.45	13,241	38,963	184.97	14,080	46,066
184.46	13,257	39,095	184.98	14,096	46,207
184.47	13,273	39,228	184.99	14,112	46,348
184.48	13,289	39,361	185.00	14,128	46,489
184.49	13,305	39,493	185.01	14,145	46,630
184.50	13,322	39,627	185.02	14,161	46,772
184.51	13,338	39,760	185.03	14,178	46,914
184.52	13,354	39,893	185.04	14,195	47,055
184.53	13,370	40,027	185.05	14,212	47,197
184.54	13,386	40,161	185.06	14,228	47,340
184.55	13,402	40,295	185.07	14,245	47,482
184.56	13,418	40,429	185.08	14,262	47,625
184.57	13,434	40,563	185.09	14,278	47,767
184.58	13,451	40,698	185.10	14,295	47,910
184.59	13,467	40,832	185.11	14,312	48,053
184.60	13,483	40,967	185.12	14,328	48,196
184.61	13,499	41,102	185.13	14,345	48,340
184.62	13,515	41,237	185.14	14,362	48,483
184.63	13,531	41,372	185.15	14,379	48,627
184.64	13,547	41,507	185.16	14,395	48,771
184.65	13,563	41,643	185.17	14,412	48,915
184.66	13,580	41,779	185.18	14,429	49,059
184.67	13,596	41,915	185.19	14,445	49,203

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	14,462	49,348	185.72	15,330	57,094
185.21	14,479	49,493	185.73	15,347	57,247
185.22	14,495	49,638	185.74	15,364	57,401
185.23	14,512	49,783	185.75	15,381	57,555
185.24	14,529	49,928	185.76	15,397	57,709
185.25	14,546	50,073	185.77	15,414	57,863
185.26	14,562	50,219	185.78	15,431	58,017
185.27	14,579	50,364	185.79	15,447	58,171
185.28	14,596	50,510	185.80	15,464	58,326
185.29	14,612	50,656	185.81	15,481	58,481
185.30	14,629	50,803	185.82	15,497	58,635
185.31	14,646	50,949	185.83	15,514	58,790
185.32	14,662	51,095	185.84	15,531	58,946
185.33	14,679	51,242	185.85	15,547	59,101
185.34	14,696	51,389	185.86	15,564	59,257
185.35	14,712	51,536	185.87	15,581	59,412
185.36	14,729	51,683	185.88	15,598	59,568
185.37	14,746	51,831	185.89	15,614	59,724
185.38	14,763	51,978	185.90	15,631	59,881
185.39	14,779	52,126	185.91	15,648	60,037
185.40	14,796	52,274	185.92	15,664	60,194
185.41	14,813	52,422	185.93	15,681	60,350
185.42	14,829	52,570	185.94	15,698	60,507
185.43	14,846	52,718	185.95	15,714	60,664
185.44	14,863	52,867	185.96	15,731	60,821
185.45	14,879	53,016	185.97	15,748	60,979
185.46	14,896	53,165	185.98	15,765	61,136
185.47	14,913	53,314	185.99	15,781	61,294
185.48	14,930	53,463	186.00	15,798	61,452
185.49	14,946	53,612	186.01	15,815	61,610
185.50	14,963	53,762	186.02	15,833	61,768
185.51	14,980	53,911	186.03	15,850	61,927
185.52	14,996	54,061	186.04	15,867	62,085
185.53	15,013	54,211	186.05	15,884	62,244
185.54	15,030	54,362	186.06	15,902	62,403
185.55	15,047	54,512	186.07	15,919	62,562
185.56	15,063	54,663	186.08	15,936	62,721
185.57	15,080	54,813	186.09	15,953	62,881
185.58	15,097	54,964	186.10	15,971	63,040
185.59	15,113	55,115	186.11	15,988	63,200
185.60	15,130	55,266	186.12	16,005	63,360
185.61	15,147	55,418	186.13	16,022	63,520
185.62	15,163	55,569	186.14	16,040	63,681
185.63	15,180	55,721	186.15	16,057	63,841
185.64	15,197	55,873	186.16	16,074	64,002
185.65	15,214	56,025	186.17	16,091	64,163
185.66	15,230	56,177	186.18	16,109	64,324
185.67	15,247	56,330	186.19	16,126	64,485
185.68	15,264	56,482	186.20	16,143	64,646
185.69	15,280	56,635	186.21	16,160	64,808
185.70	15,297	56,788	186.22	16,178	64,969
185.71	15,314	56,941	186.23	16,195	65,131

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	16,212	65,293	186.76	17,110	73,957
186.25	16,230	65,455	186.77	17,127	74,128
186.26	16,247	65,618	186.78	17,144	74,299
186.27	16,264	65,780	186.79	17,162	74,471
186.28	16,281	65,943	186.80	17,179	74,643
186.29	16,299	66,106	186.81	17,196	74,815
186.30	16,316	66,269	186.82	17,213	74,987
186.31	16,333	66,432	186.83	17,231	75,159
186.32	16,350	66,596	186.84	17,248	75,331
186.33	16,368	66,759	186.85	17,265	75,504
186.34	16,385	66,923	186.86	17,282	75,677
186.35	16,402	67,087	186.87	17,300	75,849
186.36	16,419	67,251	186.88	17,317	76,023
186.37	16,437	67,415	186.89	17,334	76,196
186.38	16,454	67,580	186.90	17,351	76,369
186.39	16,471	67,744	186.91	17,369	76,543
186.40	16,488	67,909	186.92	17,386	76,717
186.41	16,506	68,074	186.93	17,403	76,891
186.42	16,523	68,239	186.94	17,420	77,065
186.43	16,540	68,405	186.95	17,438	77,239
186.44	16,557	68,570	186.96	17,455	77,413
186.45	16,575	68,736	186.97	17,472	77,588
186.46	16,592	68,902	186.98	17,489	77,763
186.47	16,609	69,068	186.99	17,507	77,938
186.48	16,626	69,234	187.00	17,524	78,113
186.49	16,644	69,400	187.01	17,542	78,288
186.50	16,661	69,567	187.02	17,560	78,464
186.51	16,678	69,733	187.03	17,578	78,640
186.52	16,696	69,900	187.04	17,595	78,815
186.53	16,713	70,067	187.05	17,613	78,991
186.54	16,730	70,235	187.06	17,631	79,168
186.55	16,747	70,402	187.07	17,649	79,344
186.56	16,765	70,570	187.08	17,667	79,521
186.57	16,782	70,737	187.09	17,685	79,697
186.58	16,799	70,905	187.10	17,703	79,874
186.59	16,816	71,073	187.11	17,720	80,051
186.60	16,834	71,241	187.12	17,738	80,229
186.61	16,851	71,410	187.13	17,756	80,406
186.62	16,868	71,578	187.14	17,774	80,584
186.63	16,885	71,747	187.15	17,792	80,762
186.64	16,903	71,916	187.16	17,810	80,940
186.65	16,920	72,085	187.17	17,828	81,118
186.66	16,937	72,255	187.18	17,845	81,296
186.67	16,954	72,424	187.19	17,863	81,475
186.68	16,972	72,594	187.20	17,881	81,654
186.69	16,989	72,763	187.21	17,899	81,832
186.70	17,006	72,933	187.22	17,917	82,012
186.71	17,023	73,104	187.23	17,935	82,191
186.72	17,041	73,274	187.24	17,953	82,370
186.73	17,058	73,444	187.25	17,971	82,550
186.74	17,075	73,615	187.26	17,988	82,730
186.75	17,093	73,786	187.27	18,006	82,910

Stage-Area-Storage for Pond B-46A: Basin #46A (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	18,024	83,090	187.80	18,953	92,704
187.29	18,042	83,270	187.81	18,971	92,893
187.30	18,060	83,451	187.82	18,989	93,083
187.31	18,078	83,631	187.83	19,006	93,273
187.32	18,096	83,812	187.84	19,024	93,463
187.33	18,113	83,993	187.85	19,042	93,654
187.34	18,131	84,174	187.86	19,060	93,844
187.35	18,149	84,356	187.87	19,078	94,035
187.36	18,167	84,537	187.88	19,096	94,226
187.37	18,185	84,719	187.89	19,114	94,417
187.38	18,203	84,901	187.90	19,131	94,608
187.39	18,221	85,083	187.91	19,149	94,799
187.40	18,238	85,265	187.92	19,167	94,991
187.41	18,256	85,448	187.93	19,185	95,183
187.42	18,274	85,631	187.94	19,203	95,375
187.43	18,292	85,813	187.95	19,221	95,567
187.44	18,310	85,996	187.96	19,239	95,759
187.45	18,328	86,180	187.97	19,256	95,952
187.46	18,346	86,363	187.98	19,274	96,144
187.47	18,363	86,547	187.99	19,292	96,337
187.48	18,381	86,730	188.00	19,310	96,530
187.49	18,399	86,914			
187.50	18,417	87,098			
187.51	18,435	87,283			
187.52	18,453	87,467			
187.53	18,471	87,652			
187.54	18,488	87,836			
187.55	18,506	88,021			
187.56	18,524	88,206			
187.57	18,542	88,392			
187.58	18,560	88,577			
187.59	18,578	88,763			
187.60	18,596	88,949			
187.61	18,613	89,135			
187.62	18,631	89,321			
187.63	18,649	89,508			
187.64	18,667	89,694			
187.65	18,685	89,881			
187.66	18,703	90,068			
187.67	18,721	90,255			
187.68	18,738	90,442			
187.69	18,756	90,630			
187.70	18,774	90,817			
187.71	18,792	91,005			
187.72	18,810	91,193			
187.73	18,828	91,381			
187.74	18,846	91,570			
187.75	18,864	91,758			
187.76	18,881	91,947			
187.77	18,899	92,136			
187.78	18,917	92,325			
187.79	18,935	92,514			

Summary for Pond B-46B: Basin #46B

Inflow Area = 2.931 ac, 39.13% Impervious, Inflow Depth > 8.15" for Future 100 yr event
 Inflow = 12.58 cfs @ 12.14 hrs, Volume= 1.991 af
 Outflow = 0.34 cfs @ 24.05 hrs, Volume= 0.730 af, Atten= 97%, Lag= 714.7 min
 Primary = 0.34 cfs @ 24.05 hrs, Volume= 0.730 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 186.92' @ 24.05 hrs Surf.Area= 15,143 sf Storage= 71,205 cf

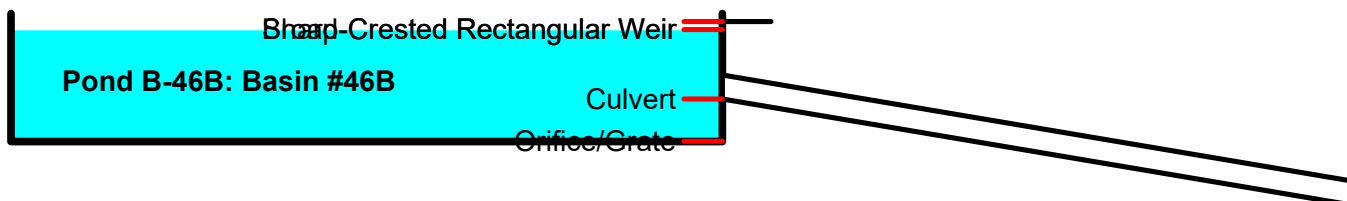
Plug-Flow detention time= 851.6 min calculated for 0.729 af (37% of inflow)
 Center-of-Mass det. time= 711.2 min (1,566.0 - 854.8)

Volume	Invert	Avail.Storage	Storage Description
#1	180.00'	88,429 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
180.00	5,813	0	0
181.00	6,961	6,387	6,387
182.00	8,181	7,571	13,958
183.00	9,471	8,826	22,784
184.00	11,059	10,265	33,049
185.00	12,402	11,731	44,780
186.00	13,803	13,103	57,882
187.00	15,259	14,531	72,413
188.00	16,772	16,016	88,429

Device	Routing	Invert	Outlet Devices
#1	Primary	182.65'	18.0" Round Culvert L= 65.0' Ke= 0.500 Inlet / Outlet Invert= 182.65' / 176.00' S= 0.1023 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	180.02'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.50'	50.0' long + 3.0 '/' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

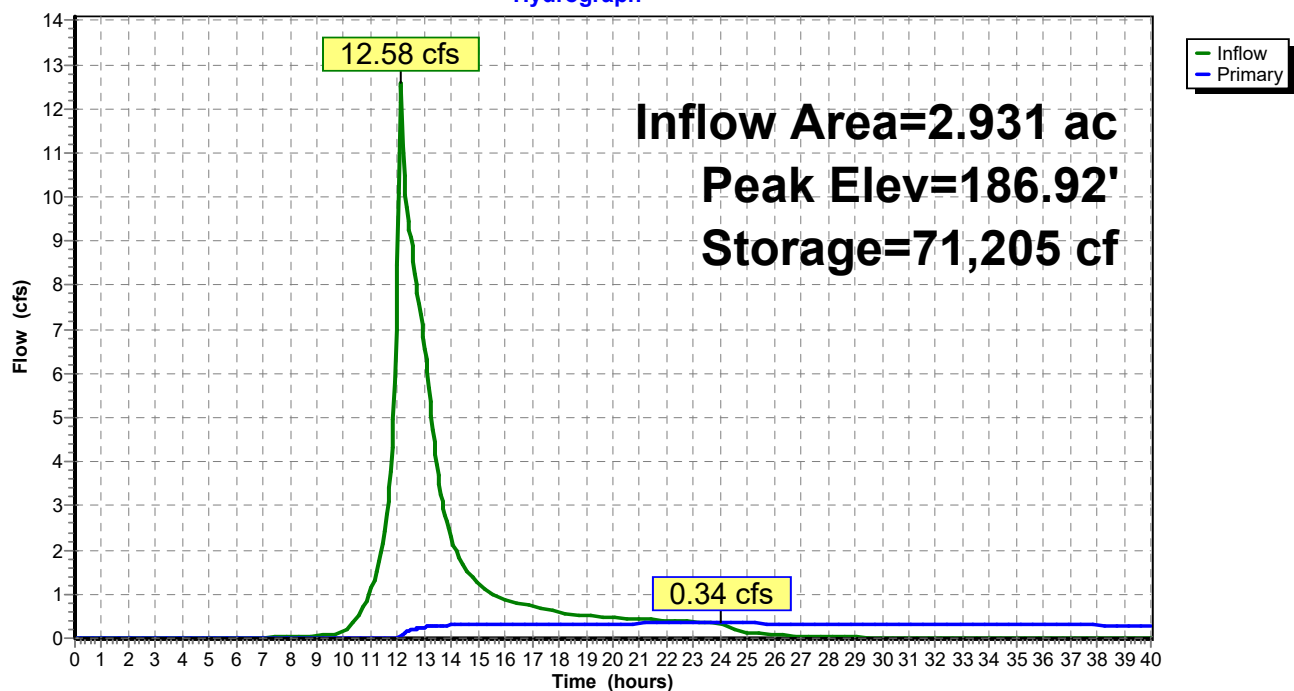
Primary OutFlow Max=0.34 cfs @ 24.05 hrs HW=186.92' (Free Discharge)

- 1=Culvert (Passes 0.34 cfs of 15.97 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.34 cfs @ 9.95 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-46B: Basin #46B

Hydrograph



Hydrograph for Pond B-46B: Basin #46B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	180.00	0.00
0.10	0.00	0	180.00	0.00
0.20	0.00	0	180.00	0.00
0.30	0.00	0	180.00	0.00
0.40	0.00	0	180.00	0.00
0.50	0.00	0	180.00	0.00
0.60	0.00	0	180.00	0.00
0.70	0.00	0	180.00	0.00
0.80	0.00	0	180.00	0.00
0.90	0.00	0	180.00	0.00
1.00	0.00	0	180.00	0.00
1.10	0.00	0	180.00	0.00
1.20	0.00	0	180.00	0.00
1.30	0.00	0	180.00	0.00
1.40	0.00	0	180.00	0.00
1.50	0.00	0	180.00	0.00
1.60	0.00	0	180.00	0.00
1.70	0.00	0	180.00	0.00
1.80	0.00	0	180.00	0.00
1.90	0.00	0	180.00	0.00
2.00	0.00	0	180.00	0.00
2.10	0.00	0	180.00	0.00
2.20	0.00	0	180.00	0.00
2.30	0.00	0	180.00	0.00
2.40	0.00	0	180.00	0.00
2.50	0.00	0	180.00	0.00
2.60	0.00	0	180.00	0.00
2.70	0.00	0	180.00	0.00
2.80	0.00	0	180.00	0.00
2.90	0.00	0	180.00	0.00
3.00	0.00	0	180.00	0.00
3.10	0.00	0	180.00	0.00
3.20	0.00	0	180.00	0.00
3.30	0.00	0	180.00	0.00
3.40	0.00	0	180.00	0.00
3.50	0.00	0	180.00	0.00
3.60	0.00	0	180.00	0.00
3.70	0.00	0	180.00	0.00
3.80	0.00	0	180.00	0.00
3.90	0.00	0	180.00	0.00
4.00	0.00	0	180.00	0.00
4.10	0.00	0	180.00	0.00
4.20	0.00	0	180.00	0.00
4.30	0.00	0	180.00	0.00
4.40	0.00	0	180.00	0.00
4.50	0.00	0	180.00	0.00
4.60	0.00	0	180.00	0.00
4.70	0.00	0	180.00	0.00
4.80	0.00	0	180.00	0.00
4.90	0.00	0	180.00	0.00
5.00	0.00	0	180.00	0.00
5.10	0.00	0	180.00	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	0	180.00	0.00
5.30	0.00	1	180.00	0.00
5.40	0.00	1	180.00	0.00
5.50	0.00	2	180.00	0.00
5.60	0.00	4	180.00	0.00
5.70	0.00	5	180.00	0.00
5.80	0.01	7	180.00	0.00
5.90	0.01	9	180.00	0.00
6.00	0.01	11	180.00	0.00
6.10	0.01	14	180.00	0.00
6.20	0.01	17	180.00	0.00
6.30	0.01	20	180.00	0.00
6.40	0.01	24	180.00	0.00
6.50	0.01	28	180.00	0.00
6.60	0.01	32	180.01	0.00
6.70	0.01	37	180.01	0.00
6.80	0.02	42	180.01	0.00
6.90	0.02	48	180.01	0.00
7.00	0.02	54	180.01	0.00
7.10	0.02	60	180.01	0.00
7.20	0.02	67	180.01	0.00
7.30	0.02	75	180.01	0.00
7.40	0.02	83	180.01	0.00
7.50	0.02	91	180.02	0.00
7.60	0.03	101	180.02	0.00
7.70	0.03	110	180.02	0.00
7.80	0.03	120	180.02	0.00
7.90	0.03	131	180.02	0.00
8.00	0.03	143	180.02	0.00
8.10	0.03	155	180.03	0.00
8.20	0.04	167	180.03	0.00
8.30	0.04	180	180.03	0.00
8.40	0.04	194	180.03	0.00
8.50	0.04	209	180.04	0.00
8.60	0.04	224	180.04	0.00
8.70	0.04	240	180.04	0.00
8.80	0.05	256	180.04	0.00
8.90	0.05	273	180.05	0.00
9.00	0.05	291	180.05	0.00
9.10	0.05	310	180.05	0.00
9.20	0.06	330	180.06	0.00
9.30	0.06	352	180.06	0.00
9.40	0.07	375	180.06	0.00
9.50	0.07	400	180.07	0.00
9.60	0.08	427	180.07	0.00
9.70	0.09	456	180.08	0.00
9.80	0.10	490	180.08	0.00
9.90	0.13	530	180.09	0.00
10.00	0.17	583	180.10	0.00
10.10	0.21	651	180.11	0.00
10.20	0.27	738	180.13	0.00
10.30	0.34	849	180.14	0.00

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.42	984	180.17	0.00
10.50	0.49	1,147	180.19	0.00
10.60	0.59	1,340	180.23	0.00
10.70	0.70	1,571	180.26	0.00
10.80	0.82	1,842	180.31	0.00
10.90	0.95	2,161	180.36	0.00
11.00	1.10	2,528	180.42	0.00
11.10	1.27	2,953	180.48	0.00
11.20	1.47	3,445	180.56	0.00
11.30	1.70	4,015	180.65	0.00
11.40	1.95	4,672	180.75	0.00
11.50	2.21	5,420	180.86	0.00
11.60	2.80	6,311	180.99	0.00
11.70	3.40	7,429	181.15	0.00
11.80	4.32	8,804	181.34	0.00
11.90	5.78	10,604	181.58	0.00
12.00	8.47	13,141	181.90	0.00
12.10	12.16	16,815	182.34	0.00
12.20	11.17	21,161	182.83	0.07
12.30	10.03	24,917	183.22	0.12
12.40	9.45	28,376	183.56	0.16
12.50	9.10	31,650	183.87	0.18
12.60	8.53	34,765	184.15	0.20
12.70	8.04	37,669	184.41	0.22
12.80	7.58	40,399	184.64	0.23
12.90	7.09	42,954	184.85	0.24
13.00	6.57	45,323	185.04	0.25
13.10	6.02	47,496	185.22	0.26
13.20	5.35	49,447	185.37	0.27
13.30	4.72	51,160	185.50	0.28
13.40	4.17	52,659	185.61	0.28
13.50	3.69	53,970	185.71	0.29
13.60	3.27	55,119	185.80	0.29
13.70	2.93	56,129	185.87	0.29
13.80	2.66	57,028	185.94	0.30
13.90	2.43	57,835	186.00	0.30
14.00	2.24	58,566	186.05	0.30
14.10	2.08	59,233	186.10	0.30
14.20	1.93	59,844	186.14	0.31
14.30	1.81	60,408	186.18	0.31
14.40	1.71	60,930	186.22	0.31
14.50	1.61	61,415	186.25	0.31
14.60	1.52	61,867	186.28	0.31
14.70	1.45	62,288	186.31	0.31
14.80	1.38	62,683	186.34	0.32
14.90	1.31	63,052	186.37	0.32
15.00	1.24	63,397	186.39	0.32
15.10	1.18	63,719	186.41	0.32
15.20	1.13	64,021	186.43	0.32
15.30	1.09	64,307	186.45	0.32
15.40	1.05	64,577	186.47	0.32
15.50	1.02	64,834	186.49	0.32

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.99	65,080	186.51	0.32
15.70	0.96	65,314	186.52	0.32
15.80	0.93	65,538	186.54	0.32
15.90	0.91	65,753	186.55	0.32
16.00	0.89	65,960	186.57	0.32
16.10	0.87	66,160	186.58	0.33
16.20	0.85	66,352	186.59	0.33
16.30	0.83	66,538	186.61	0.33
16.40	0.82	66,718	186.62	0.33
16.50	0.80	66,891	186.63	0.33
16.60	0.78	67,058	186.64	0.33
16.70	0.77	67,220	186.65	0.33
16.80	0.75	67,376	186.66	0.33
16.90	0.74	67,526	186.67	0.33
17.00	0.73	67,671	186.68	0.33
17.10	0.71	67,811	186.69	0.33
17.20	0.70	67,945	186.70	0.33
17.30	0.68	68,075	186.71	0.33
17.40	0.67	68,199	186.72	0.33
17.50	0.66	68,319	186.73	0.33
17.60	0.65	68,434	186.74	0.33
17.70	0.63	68,545	186.74	0.33
17.80	0.62	68,652	186.75	0.33
17.90	0.61	68,754	186.76	0.33
18.00	0.60	68,851	186.76	0.33
18.10	0.59	68,944	186.77	0.33
18.20	0.58	69,033	186.78	0.33
18.30	0.57	69,119	186.78	0.33
18.40	0.56	69,201	186.79	0.33
18.50	0.55	69,280	186.79	0.33
18.60	0.54	69,356	186.80	0.33
18.70	0.54	69,430	186.80	0.33
18.80	0.53	69,501	186.81	0.33
18.90	0.52	69,570	186.81	0.33
19.00	0.52	69,636	186.82	0.34
19.10	0.51	69,700	186.82	0.34
19.20	0.51	69,763	186.82	0.34
19.30	0.50	69,824	186.83	0.34
19.40	0.50	69,882	186.83	0.34
19.50	0.49	69,939	186.84	0.34
19.60	0.49	69,995	186.84	0.34
19.70	0.48	70,049	186.84	0.34
19.80	0.48	70,101	186.85	0.34
19.90	0.48	70,152	186.85	0.34
20.00	0.47	70,201	186.85	0.34
20.10	0.47	70,249	186.86	0.34
20.20	0.46	70,296	186.86	0.34
20.30	0.46	70,341	186.86	0.34
20.40	0.46	70,385	186.87	0.34
20.50	0.45	70,427	186.87	0.34
20.60	0.45	70,469	186.87	0.34
20.70	0.45	70,509	186.87	0.34

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.44	70,547	186.88	0.34
20.90	0.44	70,585	186.88	0.34
21.00	0.44	70,621	186.88	0.34
21.10	0.43	70,656	186.88	0.34
21.20	0.43	70,690	186.89	0.34
21.30	0.43	70,723	186.89	0.34
21.40	0.43	70,755	186.89	0.34
21.50	0.42	70,786	186.89	0.34
21.60	0.42	70,816	186.89	0.34
21.70	0.42	70,844	186.90	0.34
21.80	0.41	70,872	186.90	0.34
21.90	0.41	70,899	186.90	0.34
22.00	0.41	70,924	186.90	0.34
22.10	0.40	70,948	186.90	0.34
22.20	0.40	70,972	186.91	0.34
22.30	0.40	70,994	186.91	0.34
22.40	0.40	71,015	186.91	0.34
22.50	0.39	71,035	186.91	0.34
22.60	0.39	71,054	186.91	0.34
22.70	0.39	71,072	186.91	0.34
22.80	0.38	71,088	186.91	0.34
22.90	0.38	71,104	186.91	0.34
23.00	0.38	71,119	186.91	0.34
23.10	0.37	71,132	186.92	0.34
23.20	0.37	71,144	186.92	0.34
23.30	0.37	71,155	186.92	0.34
23.40	0.37	71,165	186.92	0.34
23.50	0.36	71,174	186.92	0.34
23.60	0.36	71,182	186.92	0.34
23.70	0.36	71,189	186.92	0.34
23.80	0.35	71,195	186.92	0.34
23.90	0.35	71,199	186.92	0.34
24.00	0.36	71,204	186.92	0.34
24.10	0.30	71,204	186.92	0.34
24.20	0.26	71,182	186.92	0.34
24.30	0.23	71,149	186.92	0.34
24.40	0.21	71,107	186.91	0.34
24.50	0.20	71,059	186.91	0.34
24.60	0.18	71,006	186.91	0.34
24.70	0.17	70,947	186.90	0.34
24.80	0.16	70,885	186.90	0.34
24.90	0.15	70,818	186.89	0.34
25.00	0.14	70,747	186.89	0.34
25.10	0.13	70,673	186.89	0.34
25.20	0.12	70,596	186.88	0.34
25.30	0.11	70,516	186.87	0.34
25.40	0.10	70,432	186.87	0.34
25.50	0.09	70,346	186.86	0.34
25.60	0.09	70,258	186.86	0.34
25.70	0.09	70,169	186.85	0.34
25.80	0.08	70,078	186.85	0.34
25.90	0.08	69,986	186.84	0.34

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.08	69,893	186.83	0.34
26.10	0.07	69,799	186.83	0.34
26.20	0.07	69,704	186.82	0.34
26.30	0.07	69,607	186.81	0.33
26.40	0.06	69,510	186.81	0.33
26.50	0.06	69,412	186.80	0.33
26.60	0.06	69,313	186.79	0.33
26.70	0.06	69,213	186.79	0.33
26.80	0.05	69,112	186.78	0.33
26.90	0.05	69,010	186.77	0.33
27.00	0.05	68,908	186.77	0.33
27.10	0.05	68,805	186.76	0.33
27.20	0.04	68,702	186.75	0.33
27.30	0.04	68,598	186.75	0.33
27.40	0.04	68,493	186.74	0.33
27.50	0.04	68,388	186.73	0.33
27.60	0.04	68,282	186.73	0.33
27.70	0.04	68,176	186.72	0.33
27.80	0.03	68,069	186.71	0.33
27.90	0.03	67,962	186.70	0.33
28.00	0.03	67,855	186.70	0.33
28.10	0.03	67,747	186.69	0.33
28.20	0.03	67,638	186.68	0.33
28.30	0.03	67,530	186.67	0.33
28.40	0.03	67,421	186.67	0.33
28.50	0.02	67,311	186.66	0.33
28.60	0.02	67,202	186.65	0.33
28.70	0.02	67,092	186.65	0.33
28.80	0.02	66,982	186.64	0.33
28.90	0.02	66,872	186.63	0.33
29.00	0.02	66,762	186.62	0.33
29.10	0.02	66,652	186.62	0.33
29.20	0.02	66,541	186.61	0.33
29.30	0.02	66,431	186.60	0.33
29.40	0.02	66,321	186.59	0.33
29.50	0.02	66,211	186.59	0.33
29.60	0.02	66,101	186.58	0.33
29.70	0.02	65,991	186.57	0.32
29.80	0.02	65,881	186.56	0.32
29.90	0.02	65,771	186.56	0.32
30.00	0.02	65,661	186.55	0.32
30.10	0.02	65,551	186.54	0.32
30.20	0.02	65,441	186.53	0.32
30.30	0.02	65,331	186.53	0.32
30.40	0.02	65,221	186.52	0.32
30.50	0.02	65,111	186.51	0.32
30.60	0.02	65,001	186.50	0.32
30.70	0.02	64,891	186.49	0.32
30.80	0.02	64,781	186.49	0.32
30.90	0.02	64,672	186.48	0.32
31.00	0.02	64,562	186.47	0.32
31.10	0.02	64,452	186.46	0.32

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.02	64,342	186.46	0.32
31.30	0.02	64,233	186.45	0.32
31.40	0.02	64,123	186.44	0.32
31.50	0.01	64,014	186.43	0.32
31.60	0.01	63,904	186.43	0.32
31.70	0.01	63,795	186.42	0.32
31.80	0.01	63,685	186.41	0.32
31.90	0.01	63,576	186.40	0.32
32.00	0.01	63,466	186.40	0.32
32.10	0.01	63,357	186.39	0.32
32.20	0.01	63,248	186.38	0.32
32.30	0.01	63,138	186.37	0.32
32.40	0.01	63,029	186.37	0.32
32.50	0.01	62,920	186.36	0.32
32.60	0.01	62,811	186.35	0.32
32.70	0.01	62,702	186.34	0.32
32.80	0.01	62,593	186.34	0.32
32.90	0.01	62,484	186.33	0.31
33.00	0.01	62,375	186.32	0.31
33.10	0.01	62,267	186.31	0.31
33.20	0.01	62,158	186.30	0.31
33.30	0.01	62,049	186.30	0.31
33.40	0.01	61,941	186.29	0.31
33.50	0.01	61,832	186.28	0.31
33.60	0.01	61,723	186.27	0.31
33.70	0.01	61,615	186.27	0.31
33.80	0.01	61,507	186.26	0.31
33.90	0.01	61,398	186.25	0.31
34.00	0.01	61,290	186.24	0.31
34.10	0.01	61,182	186.24	0.31
34.20	0.01	61,074	186.23	0.31
34.30	0.01	60,966	186.22	0.31
34.40	0.01	60,858	186.21	0.31
34.50	0.01	60,750	186.21	0.31
34.60	0.01	60,642	186.20	0.31
34.70	0.01	60,534	186.19	0.31
34.80	0.01	60,427	186.18	0.31
34.90	0.01	60,319	186.17	0.31
35.00	0.01	60,212	186.17	0.31
35.10	0.01	60,104	186.16	0.31
35.20	0.01	59,997	186.15	0.31
35.30	0.01	59,889	186.14	0.31
35.40	0.01	59,782	186.14	0.31
35.50	0.01	59,675	186.13	0.31
35.60	0.01	59,568	186.12	0.31
35.70	0.01	59,461	186.11	0.31
35.80	0.01	59,354	186.11	0.31
35.90	0.01	59,247	186.10	0.30
36.00	0.01	59,140	186.09	0.30
36.10	0.01	59,034	186.08	0.30
36.20	0.01	58,927	186.08	0.30
36.30	0.01	58,821	186.07	0.30

Hydrograph for Pond B-46B: Basin #46B (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.01	58,714	186.06	0.30
36.50	0.01	58,608	186.05	0.30
36.60	0.01	58,502	186.04	0.30
36.70	0.01	58,395	186.04	0.30
36.80	0.01	58,289	186.03	0.30
36.90	0.01	58,183	186.02	0.30
37.00	0.01	58,077	186.01	0.30
37.10	0.01	57,972	186.01	0.30
37.20	0.01	57,866	186.00	0.30
37.30	0.01	57,760	185.99	0.30
37.40	0.01	57,655	185.98	0.30
37.50	0.01	57,549	185.98	0.30
37.60	0.01	57,444	185.97	0.30
37.70	0.01	57,338	185.96	0.30
37.80	0.01	57,233	185.95	0.30
37.90	0.01	57,128	185.95	0.30
38.00	0.01	57,023	185.94	0.30
38.10	0.01	56,918	185.93	0.30
38.20	0.01	56,813	185.92	0.30
38.30	0.01	56,709	185.91	0.30
38.40	0.01	56,604	185.91	0.30
38.50	0.01	56,500	185.90	0.30
38.60	0.01	56,395	185.89	0.30
38.70	0.01	56,291	185.88	0.30
38.80	0.01	56,187	185.88	0.29
38.90	0.01	56,083	185.87	0.29
39.00	0.01	55,978	185.86	0.29
39.10	0.01	55,875	185.85	0.29
39.20	0.01	55,771	185.85	0.29
39.30	0.01	55,667	185.84	0.29
39.40	0.00	55,563	185.83	0.29
39.50	0.00	55,460	185.82	0.29
39.60	0.00	55,356	185.82	0.29
39.70	0.00	55,253	185.81	0.29
39.80	0.00	55,150	185.80	0.29
39.90	0.00	55,047	185.79	0.29
40.00	0.00	54,944	185.78	0.29

Stage-Discharge for Pond B-46B: Basin #46B

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
180.00	0.00	180.52	0.00	181.04	0.00	181.56	0.00
180.01	0.00	180.53	0.00	181.05	0.00	181.57	0.00
180.02	0.00	180.54	0.00	181.06	0.00	181.58	0.00
180.03	0.00	180.55	0.00	181.07	0.00	181.59	0.00
180.04	0.00	180.56	0.00	181.08	0.00	181.60	0.00
180.05	0.00	180.57	0.00	181.09	0.00	181.61	0.00
180.06	0.00	180.58	0.00	181.10	0.00	181.62	0.00
180.07	0.00	180.59	0.00	181.11	0.00	181.63	0.00
180.08	0.00	180.60	0.00	181.12	0.00	181.64	0.00
180.09	0.00	180.61	0.00	181.13	0.00	181.65	0.00
180.10	0.00	180.62	0.00	181.14	0.00	181.66	0.00
180.11	0.00	180.63	0.00	181.15	0.00	181.67	0.00
180.12	0.00	180.64	0.00	181.16	0.00	181.68	0.00
180.13	0.00	180.65	0.00	181.17	0.00	181.69	0.00
180.14	0.00	180.66	0.00	181.18	0.00	181.70	0.00
180.15	0.00	180.67	0.00	181.19	0.00	181.71	0.00
180.16	0.00	180.68	0.00	181.20	0.00	181.72	0.00
180.17	0.00	180.69	0.00	181.21	0.00	181.73	0.00
180.18	0.00	180.70	0.00	181.22	0.00	181.74	0.00
180.19	0.00	180.71	0.00	181.23	0.00	181.75	0.00
180.20	0.00	180.72	0.00	181.24	0.00	181.76	0.00
180.21	0.00	180.73	0.00	181.25	0.00	181.77	0.00
180.22	0.00	180.74	0.00	181.26	0.00	181.78	0.00
180.23	0.00	180.75	0.00	181.27	0.00	181.79	0.00
180.24	0.00	180.76	0.00	181.28	0.00	181.80	0.00
180.25	0.00	180.77	0.00	181.29	0.00	181.81	0.00
180.26	0.00	180.78	0.00	181.30	0.00	181.82	0.00
180.27	0.00	180.79	0.00	181.31	0.00	181.83	0.00
180.28	0.00	180.80	0.00	181.32	0.00	181.84	0.00
180.29	0.00	180.81	0.00	181.33	0.00	181.85	0.00
180.30	0.00	180.82	0.00	181.34	0.00	181.86	0.00
180.31	0.00	180.83	0.00	181.35	0.00	181.87	0.00
180.32	0.00	180.84	0.00	181.36	0.00	181.88	0.00
180.33	0.00	180.85	0.00	181.37	0.00	181.89	0.00
180.34	0.00	180.86	0.00	181.38	0.00	181.90	0.00
180.35	0.00	180.87	0.00	181.39	0.00	181.91	0.00
180.36	0.00	180.88	0.00	181.40	0.00	181.92	0.00
180.37	0.00	180.89	0.00	181.41	0.00	181.93	0.00
180.38	0.00	180.90	0.00	181.42	0.00	181.94	0.00
180.39	0.00	180.91	0.00	181.43	0.00	181.95	0.00
180.40	0.00	180.92	0.00	181.44	0.00	181.96	0.00
180.41	0.00	180.93	0.00	181.45	0.00	181.97	0.00
180.42	0.00	180.94	0.00	181.46	0.00	181.98	0.00
180.43	0.00	180.95	0.00	181.47	0.00	181.99	0.00
180.44	0.00	180.96	0.00	181.48	0.00	182.00	0.00
180.45	0.00	180.97	0.00	181.49	0.00	182.01	0.00
180.46	0.00	180.98	0.00	181.50	0.00	182.02	0.00
180.47	0.00	180.99	0.00	181.51	0.00	182.03	0.00
180.48	0.00	181.00	0.00	181.52	0.00	182.04	0.00
180.49	0.00	181.01	0.00	181.53	0.00	182.05	0.00
180.50	0.00	181.02	0.00	181.54	0.00	182.06	0.00
180.51	0.00	181.03	0.00	181.55	0.00	182.07	0.00

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
182.08	0.00	182.60	0.00	183.12	0.11	183.64	0.16
182.09	0.00	182.61	0.00	183.13	0.11	183.65	0.16
182.10	0.00	182.62	0.00	183.14	0.11	183.66	0.16
182.11	0.00	182.63	0.00	183.15	0.12	183.67	0.17
182.12	0.00	182.64	0.00	183.16	0.12	183.68	0.17
182.13	0.00	182.65	0.00	183.17	0.12	183.69	0.17
182.14	0.00	182.66	0.00	183.18	0.12	183.70	0.17
182.15	0.00	182.67	0.00	183.19	0.12	183.71	0.17
182.16	0.00	182.68	0.00	183.20	0.12	183.72	0.17
182.17	0.00	182.69	0.01	183.21	0.12	183.73	0.17
182.18	0.00	182.70	0.01	183.22	0.12	183.74	0.17
182.19	0.00	182.71	0.02	183.23	0.13	183.75	0.17
182.20	0.00	182.72	0.03	183.24	0.13	183.76	0.17
182.21	0.00	182.73	0.04	183.25	0.13	183.77	0.17
182.22	0.00	182.74	0.04	183.26	0.13	183.78	0.17
182.23	0.00	182.75	0.05	183.27	0.13	183.79	0.18
182.24	0.00	182.76	0.05	183.28	0.13	183.80	0.18
182.25	0.00	182.77	0.06	183.29	0.13	183.81	0.18
182.26	0.00	182.78	0.06	183.30	0.13	183.82	0.18
182.27	0.00	182.79	0.06	183.31	0.13	183.83	0.18
182.28	0.00	182.80	0.06	183.32	0.13	183.84	0.18
182.29	0.00	182.81	0.07	183.33	0.14	183.85	0.18
182.30	0.00	182.82	0.07	183.34	0.14	183.86	0.18
182.31	0.00	182.83	0.07	183.35	0.14	183.87	0.18
182.32	0.00	182.84	0.07	183.36	0.14	183.88	0.18
182.33	0.00	182.85	0.07	183.37	0.14	183.89	0.18
182.34	0.00	182.86	0.08	183.38	0.14	183.90	0.18
182.35	0.00	182.87	0.08	183.39	0.14	183.91	0.18
182.36	0.00	182.88	0.08	183.40	0.14	183.92	0.18
182.37	0.00	182.89	0.08	183.41	0.14	183.93	0.19
182.38	0.00	182.90	0.08	183.42	0.14	183.94	0.19
182.39	0.00	182.91	0.08	183.43	0.14	183.95	0.19
182.40	0.00	182.92	0.09	183.44	0.15	183.96	0.19
182.41	0.00	182.93	0.09	183.45	0.15	183.97	0.19
182.42	0.00	182.94	0.09	183.46	0.15	183.98	0.19
182.43	0.00	182.95	0.09	183.47	0.15	183.99	0.19
182.44	0.00	182.96	0.09	183.48	0.15	184.00	0.19
182.45	0.00	182.97	0.09	183.49	0.15	184.01	0.19
182.46	0.00	182.98	0.09	183.50	0.15	184.02	0.19
182.47	0.00	182.99	0.10	183.51	0.15	184.03	0.19
182.48	0.00	183.00	0.10	183.52	0.15	184.04	0.19
182.49	0.00	183.01	0.10	183.53	0.15	184.05	0.19
182.50	0.00	183.02	0.10	183.54	0.15	184.06	0.19
182.51	0.00	183.03	0.10	183.55	0.16	184.07	0.20
182.52	0.00	183.04	0.10	183.56	0.16	184.08	0.20
182.53	0.00	183.05	0.10	183.57	0.16	184.09	0.20
182.54	0.00	183.06	0.11	183.58	0.16	184.10	0.20
182.55	0.00	183.07	0.11	183.59	0.16	184.11	0.20
182.56	0.00	183.08	0.11	183.60	0.16	184.12	0.20
182.57	0.00	183.09	0.11	183.61	0.16	184.13	0.20
182.58	0.00	183.10	0.11	183.62	0.16	184.14	0.20
182.59	0.00	183.11	0.11	183.63	0.16	184.15	0.20

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.16	0.20	184.68	0.23	185.20	0.26	185.72	0.29
184.17	0.20	184.69	0.23	185.21	0.26	185.73	0.29
184.18	0.20	184.70	0.24	185.22	0.26	185.74	0.29
184.19	0.20	184.71	0.24	185.23	0.26	185.75	0.29
184.20	0.20	184.72	0.24	185.24	0.26	185.76	0.29
184.21	0.21	184.73	0.24	185.25	0.26	185.77	0.29
184.22	0.21	184.74	0.24	185.26	0.27	185.78	0.29
184.23	0.21	184.75	0.24	185.27	0.27	185.79	0.29
184.24	0.21	184.76	0.24	185.28	0.27	185.80	0.29
184.25	0.21	184.77	0.24	185.29	0.27	185.81	0.29
184.26	0.21	184.78	0.24	185.30	0.27	185.82	0.29
184.27	0.21	184.79	0.24	185.31	0.27	185.83	0.29
184.28	0.21	184.80	0.24	185.32	0.27	185.84	0.29
184.29	0.21	184.81	0.24	185.33	0.27	185.85	0.29
184.30	0.21	184.82	0.24	185.34	0.27	185.86	0.29
184.31	0.21	184.83	0.24	185.35	0.27	185.87	0.29
184.32	0.21	184.84	0.24	185.36	0.27	185.88	0.29
184.33	0.21	184.85	0.24	185.37	0.27	185.89	0.30
184.34	0.21	184.86	0.24	185.38	0.27	185.90	0.30
184.35	0.21	184.87	0.24	185.39	0.27	185.91	0.30
184.36	0.21	184.88	0.25	185.40	0.27	185.92	0.30
184.37	0.22	184.89	0.25	185.41	0.27	185.93	0.30
184.38	0.22	184.90	0.25	185.42	0.27	185.94	0.30
184.39	0.22	184.91	0.25	185.43	0.27	185.95	0.30
184.40	0.22	184.92	0.25	185.44	0.27	185.96	0.30
184.41	0.22	184.93	0.25	185.45	0.27	185.97	0.30
184.42	0.22	184.94	0.25	185.46	0.28	185.98	0.30
184.43	0.22	184.95	0.25	185.47	0.28	185.99	0.30
184.44	0.22	184.96	0.25	185.48	0.28	186.00	0.30
184.45	0.22	184.97	0.25	185.49	0.28	186.01	0.30
184.46	0.22	184.98	0.25	185.50	0.28	186.02	0.30
184.47	0.22	184.99	0.25	185.51	0.28	186.03	0.30
184.48	0.22	185.00	0.25	185.52	0.28	186.04	0.30
184.49	0.22	185.01	0.25	185.53	0.28	186.05	0.30
184.50	0.22	185.02	0.25	185.54	0.28	186.06	0.30
184.51	0.22	185.03	0.25	185.55	0.28	186.07	0.30
184.52	0.22	185.04	0.25	185.56	0.28	186.08	0.30
184.53	0.23	185.05	0.25	185.57	0.28	186.09	0.30
184.54	0.23	185.06	0.25	185.58	0.28	186.10	0.30
184.55	0.23	185.07	0.26	185.59	0.28	186.11	0.31
184.56	0.23	185.08	0.26	185.60	0.28	186.12	0.31
184.57	0.23	185.09	0.26	185.61	0.28	186.13	0.31
184.58	0.23	185.10	0.26	185.62	0.28	186.14	0.31
184.59	0.23	185.11	0.26	185.63	0.28	186.15	0.31
184.60	0.23	185.12	0.26	185.64	0.28	186.16	0.31
184.61	0.23	185.13	0.26	185.65	0.28	186.17	0.31
184.62	0.23	185.14	0.26	185.66	0.28	186.18	0.31
184.63	0.23	185.15	0.26	185.67	0.29	186.19	0.31
184.64	0.23	185.16	0.26	185.68	0.29	186.20	0.31
184.65	0.23	185.17	0.26	185.69	0.29	186.21	0.31
184.66	0.23	185.18	0.26	185.70	0.29	186.22	0.31
184.67	0.23	185.19	0.26	185.71	0.29	186.23	0.31

Stage-Discharge for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.24	0.31	186.76	0.33	187.28	2.26	187.80	29.53
186.25	0.31	186.77	0.33	187.29	2.37	187.81	30.79
186.26	0.31	186.78	0.33	187.30	2.47	187.82	32.07
186.27	0.31	186.79	0.33	187.31	2.58	187.83	33.39
186.28	0.31	186.80	0.33	187.32	2.68	187.84	34.72
186.29	0.31	186.81	0.33	187.33	2.79	187.85	36.09
186.30	0.31	186.82	0.34	187.34	2.90	187.86	37.47
186.31	0.31	186.83	0.34	187.35	3.02	187.87	38.89
186.32	0.31	186.84	0.34	187.36	3.13	187.88	40.32
186.33	0.31	186.85	0.34	187.37	3.25	187.89	41.78
186.34	0.32	186.86	0.34	187.38	3.36	187.90	43.27
186.35	0.32	186.87	0.34	187.39	3.48	187.91	44.81
186.36	0.32	186.88	0.34	187.40	3.60	187.92	46.38
186.37	0.32	186.89	0.34	187.41	3.72	187.93	47.97
186.38	0.32	186.90	0.34	187.42	3.84	187.94	49.59
186.39	0.32	186.91	0.34	187.43	3.97	187.95	51.23
186.40	0.32	186.92	0.34	187.44	4.09	187.96	52.91
186.41	0.32	186.93	0.34	187.45	4.22	187.97	54.61
186.42	0.32	186.94	0.34	187.46	4.35	187.98	56.33
186.43	0.32	186.95	0.34	187.47	4.48	187.99	58.09
186.44	0.32	186.96	0.34	187.48	4.61	188.00	59.87
186.45	0.32	186.97	0.34	187.49	4.74		
186.46	0.32	186.98	0.34	187.50	4.87		
186.47	0.32	186.99	0.34	187.51	5.12		
186.48	0.32	187.00	0.34	187.52	5.47		
186.49	0.32	187.01	0.36	187.53	5.88		
186.50	0.32	187.02	0.38	187.54	6.35		
186.51	0.32	187.03	0.41	187.55	6.86		
186.52	0.32	187.04	0.45	187.56	7.42		
186.53	0.32	187.05	0.49	187.57	8.01		
186.54	0.32	187.06	0.54	187.58	8.63		
186.55	0.32	187.07	0.59	187.59	9.29		
186.56	0.32	187.08	0.64	187.60	9.98		
186.57	0.32	187.09	0.70	187.61	10.70		
186.58	0.33	187.10	0.76	187.62	11.45		
186.59	0.33	187.11	0.82	187.63	12.22		
186.60	0.33	187.12	0.89	187.64	13.02		
186.61	0.33	187.13	0.96	187.65	13.84		
186.62	0.33	187.14	1.03	187.66	14.69		
186.63	0.33	187.15	1.10	187.67	15.57		
186.64	0.33	187.16	1.18	187.68	16.47		
186.65	0.33	187.17	1.26	187.69	17.38		
186.66	0.33	187.18	1.34	187.70	18.33		
186.67	0.33	187.19	1.42	187.71	19.33		
186.68	0.33	187.20	1.51	187.72	20.36		
186.69	0.33	187.21	1.60	187.73	21.41		
186.70	0.33	187.22	1.69	187.74	22.49		
186.71	0.33	187.23	1.78	187.75	23.60		
186.72	0.33	187.24	1.87	187.76	24.73		
186.73	0.33	187.25	1.97	187.77	25.89		
186.74	0.33	187.26	2.06	187.78	27.08		
186.75	0.33	187.27	2.16	187.79	28.29		

Stage-Area-Storage for Pond B-46B: Basin #46B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
180.00	5,813	0	180.52	6,410	3,178
180.01	5,824	58	180.53	6,421	3,242
180.02	5,836	116	180.54	6,433	3,306
180.03	5,847	175	180.55	6,444	3,371
180.04	5,859	233	180.56	6,456	3,435
180.05	5,870	292	180.57	6,467	3,500
180.06	5,882	351	180.58	6,479	3,565
180.07	5,893	410	180.59	6,490	3,629
180.08	5,905	469	180.60	6,502	3,694
180.09	5,916	528	180.61	6,513	3,760
180.10	5,928	587	180.62	6,525	3,825
180.11	5,939	646	180.63	6,536	3,890
180.12	5,951	706	180.64	6,548	3,955
180.13	5,962	765	180.65	6,559	4,021
180.14	5,974	825	180.66	6,571	4,087
180.15	5,985	885	180.67	6,582	4,152
180.16	5,997	945	180.68	6,594	4,218
180.17	6,008	1,005	180.69	6,605	4,284
180.18	6,020	1,065	180.70	6,617	4,350
180.19	6,031	1,125	180.71	6,628	4,417
180.20	6,043	1,186	180.72	6,640	4,483
180.21	6,054	1,246	180.73	6,651	4,549
180.22	6,066	1,307	180.74	6,663	4,616
180.23	6,077	1,367	180.75	6,674	4,683
180.24	6,089	1,428	180.76	6,685	4,749
180.25	6,100	1,489	180.77	6,697	4,816
180.26	6,111	1,550	180.78	6,708	4,883
180.27	6,123	1,611	180.79	6,720	4,951
180.28	6,134	1,673	180.80	6,731	5,018
180.29	6,146	1,734	180.81	6,743	5,085
180.30	6,157	1,796	180.82	6,754	5,153
180.31	6,169	1,857	180.83	6,766	5,220
180.32	6,180	1,919	180.84	6,777	5,288
180.33	6,192	1,981	180.85	6,789	5,356
180.34	6,203	2,043	180.86	6,800	5,424
180.35	6,215	2,105	180.87	6,812	5,492
180.36	6,226	2,167	180.88	6,823	5,560
180.37	6,238	2,229	180.89	6,835	5,628
180.38	6,249	2,292	180.90	6,846	5,697
180.39	6,261	2,354	180.91	6,858	5,765
180.40	6,272	2,417	180.92	6,869	5,834
180.41	6,284	2,480	180.93	6,881	5,903
180.42	6,295	2,543	180.94	6,892	5,971
180.43	6,307	2,606	180.95	6,904	6,040
180.44	6,318	2,669	180.96	6,915	6,109
180.45	6,330	2,732	180.97	6,927	6,179
180.46	6,341	2,795	180.98	6,938	6,248
180.47	6,353	2,859	180.99	6,950	6,317
180.48	6,364	2,922	181.00	6,961	6,387
180.49	6,376	2,986	181.01	6,973	6,457
180.50	6,387	3,050	181.02	6,985	6,526
180.51	6,398	3,114	181.03	6,998	6,596

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
181.04	7,010	6,666	181.56	7,644	10,476
181.05	7,022	6,737	181.57	7,656	10,553
181.06	7,034	6,807	181.58	7,669	10,630
181.07	7,046	6,877	181.59	7,681	10,706
181.08	7,059	6,948	181.60	7,693	10,783
181.09	7,071	7,018	181.61	7,705	10,860
181.10	7,083	7,089	181.62	7,717	10,937
181.11	7,095	7,160	181.63	7,730	11,015
181.12	7,107	7,231	181.64	7,742	11,092
181.13	7,120	7,302	181.65	7,754	11,169
181.14	7,132	7,373	181.66	7,766	11,247
181.15	7,144	7,445	181.67	7,778	11,325
181.16	7,156	7,516	181.68	7,791	11,403
181.17	7,168	7,588	181.69	7,803	11,481
181.18	7,181	7,660	181.70	7,815	11,559
181.19	7,193	7,732	181.71	7,827	11,637
181.20	7,205	7,804	181.72	7,839	11,715
181.21	7,217	7,876	181.73	7,852	11,794
181.22	7,229	7,948	181.74	7,864	11,872
181.23	7,242	8,020	181.75	7,876	11,951
181.24	7,254	8,093	181.76	7,888	12,030
181.25	7,266	8,165	181.77	7,900	12,109
181.26	7,278	8,238	181.78	7,913	12,188
181.27	7,290	8,311	181.79	7,925	12,267
181.28	7,303	8,384	181.80	7,937	12,346
181.29	7,315	8,457	181.81	7,949	12,426
181.30	7,327	8,530	181.82	7,961	12,505
181.31	7,339	8,604	181.83	7,974	12,585
181.32	7,351	8,677	181.84	7,986	12,665
181.33	7,364	8,751	181.85	7,998	12,745
181.34	7,376	8,824	181.86	8,010	12,825
181.35	7,388	8,898	181.87	8,022	12,905
181.36	7,400	8,972	181.88	8,035	12,985
181.37	7,412	9,046	181.89	8,047	13,065
181.38	7,425	9,120	181.90	8,059	13,146
181.39	7,437	9,195	181.91	8,071	13,227
181.40	7,449	9,269	181.92	8,083	13,307
181.41	7,461	9,344	181.93	8,096	13,388
181.42	7,473	9,418	181.94	8,108	13,469
181.43	7,486	9,493	181.95	8,120	13,550
181.44	7,498	9,568	181.96	8,132	13,632
181.45	7,510	9,643	181.97	8,144	13,713
181.46	7,522	9,718	181.98	8,157	13,795
181.47	7,534	9,793	181.99	8,169	13,876
181.48	7,547	9,869	182.00	8,181	13,958
181.49	7,559	9,944	182.01	8,194	14,040
181.50	7,571	10,020	182.02	8,207	14,122
181.51	7,583	10,096	182.03	8,220	14,204
181.52	7,595	10,172	182.04	8,233	14,286
181.53	7,608	10,248	182.05	8,246	14,369
181.54	7,620	10,324	182.06	8,258	14,451
181.55	7,632	10,400	182.07	8,271	14,534

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
182.08	8,284	14,617	182.60	8,955	19,099
182.09	8,297	14,700	182.61	8,968	19,188
182.10	8,310	14,783	182.62	8,981	19,278
182.11	8,323	14,866	182.63	8,994	19,368
182.12	8,336	14,949	182.64	9,007	19,458
182.13	8,349	15,032	182.65	9,020	19,548
182.14	8,362	15,116	182.66	9,032	19,638
182.15	8,375	15,200	182.67	9,045	19,729
182.16	8,387	15,283	182.68	9,058	19,819
182.17	8,400	15,367	182.69	9,071	19,910
182.18	8,413	15,451	182.70	9,084	20,001
182.19	8,426	15,536	182.71	9,097	20,092
182.20	8,439	15,620	182.72	9,110	20,183
182.21	8,452	15,704	182.73	9,123	20,274
182.22	8,465	15,789	182.74	9,136	20,365
182.23	8,478	15,874	182.75	9,149	20,457
182.24	8,491	15,959	182.76	9,161	20,548
182.25	8,504	16,044	182.77	9,174	20,640
182.26	8,516	16,129	182.78	9,187	20,732
182.27	8,529	16,214	182.79	9,200	20,824
182.28	8,542	16,299	182.80	9,213	20,916
182.29	8,555	16,385	182.81	9,226	21,008
182.30	8,568	16,470	182.82	9,239	21,100
182.31	8,581	16,556	182.83	9,252	21,193
182.32	8,594	16,642	182.84	9,265	21,285
182.33	8,607	16,728	182.85	9,277	21,378
182.34	8,620	16,814	182.86	9,290	21,471
182.35	8,632	16,900	182.87	9,303	21,564
182.36	8,645	16,987	182.88	9,316	21,657
182.37	8,658	17,073	182.89	9,329	21,750
182.38	8,671	17,160	182.90	9,342	21,843
182.39	8,684	17,247	182.91	9,355	21,937
182.40	8,697	17,334	182.92	9,368	22,030
182.41	8,710	17,421	182.93	9,381	22,124
182.42	8,723	17,508	182.94	9,394	22,218
182.43	8,736	17,595	182.95	9,406	22,312
182.44	8,749	17,683	182.96	9,419	22,406
182.45	8,761	17,770	182.97	9,432	22,500
182.46	8,774	17,858	182.98	9,445	22,595
182.47	8,787	17,946	182.99	9,458	22,689
182.48	8,800	18,033	183.00	9,471	22,784
182.49	8,813	18,122	183.01	9,487	22,879
182.50	8,826	18,210	183.02	9,503	22,974
182.51	8,839	18,298	183.03	9,519	23,069
182.52	8,852	18,387	183.04	9,535	23,164
182.53	8,865	18,475	183.05	9,550	23,260
182.54	8,878	18,564	183.06	9,566	23,355
182.55	8,891	18,653	183.07	9,582	23,451
182.56	8,903	18,742	183.08	9,598	23,547
182.57	8,916	18,831	183.09	9,614	23,643
182.58	8,929	18,920	183.10	9,630	23,739
182.59	8,942	19,009	183.11	9,646	23,835

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.12	9,662	23,932	183.64	10,487	29,171
183.13	9,677	24,029	183.65	10,503	29,276
183.14	9,693	24,126	183.66	10,519	29,381
183.15	9,709	24,223	183.67	10,535	29,486
183.16	9,725	24,320	183.68	10,551	29,591
183.17	9,741	24,417	183.69	10,567	29,697
183.18	9,757	24,515	183.70	10,583	29,803
183.19	9,773	24,612	183.71	10,598	29,909
183.20	9,789	24,710	183.72	10,614	30,015
183.21	9,804	24,808	183.73	10,630	30,121
183.22	9,820	24,906	183.74	10,646	30,227
183.23	9,836	25,004	183.75	10,662	30,334
183.24	9,852	25,103	183.76	10,678	30,441
183.25	9,868	25,201	183.77	10,694	30,547
183.26	9,884	25,300	183.78	10,710	30,654
183.27	9,900	25,399	183.79	10,726	30,762
183.28	9,916	25,498	183.80	10,741	30,869
183.29	9,932	25,597	183.81	10,757	30,976
183.30	9,947	25,697	183.82	10,773	31,084
183.31	9,963	25,796	183.83	10,789	31,192
183.32	9,979	25,896	183.84	10,805	31,300
183.33	9,995	25,996	183.85	10,821	31,408
183.34	10,011	26,096	183.86	10,837	31,516
183.35	10,027	26,196	183.87	10,853	31,625
183.36	10,043	26,296	183.88	10,868	31,733
183.37	10,059	26,397	183.89	10,884	31,842
183.38	10,074	26,498	183.90	10,900	31,951
183.39	10,090	26,598	183.91	10,916	32,060
183.40	10,106	26,699	183.92	10,932	32,169
183.41	10,122	26,801	183.93	10,948	32,279
183.42	10,138	26,902	183.94	10,964	32,388
183.43	10,154	27,003	183.95	10,980	32,498
183.44	10,170	27,105	183.96	10,995	32,608
183.45	10,186	27,207	183.97	11,011	32,718
183.46	10,201	27,309	183.98	11,027	32,828
183.47	10,217	27,411	183.99	11,043	32,938
183.48	10,233	27,513	184.00	11,059	33,049
183.49	10,249	27,615	184.01	11,072	33,160
183.50	10,265	27,718	184.02	11,086	33,270
183.51	10,281	27,821	184.03	11,099	33,381
183.52	10,297	27,924	184.04	11,113	33,492
183.53	10,313	28,027	184.05	11,126	33,604
183.54	10,329	28,130	184.06	11,140	33,715
183.55	10,344	28,233	184.07	11,153	33,826
183.56	10,360	28,337	184.08	11,166	33,938
183.57	10,376	28,440	184.09	11,180	34,050
183.58	10,392	28,544	184.10	11,193	34,162
183.59	10,408	28,648	184.11	11,207	34,274
183.60	10,424	28,752	184.12	11,220	34,386
183.61	10,440	28,857	184.13	11,234	34,498
183.62	10,456	28,961	184.14	11,247	34,610
183.63	10,471	29,066	184.15	11,260	34,723

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.16	11,274	34,836	184.68	11,972	40,880
184.17	11,287	34,948	184.69	11,986	40,999
184.18	11,301	35,061	184.70	11,999	41,119
184.19	11,314	35,174	184.71	12,013	41,239
184.20	11,328	35,288	184.72	12,026	41,360
184.21	11,341	35,401	184.73	12,039	41,480
184.22	11,354	35,514	184.74	12,053	41,600
184.23	11,368	35,628	184.75	12,066	41,721
184.24	11,381	35,742	184.76	12,080	41,842
184.25	11,395	35,856	184.77	12,093	41,963
184.26	11,408	35,970	184.78	12,107	42,084
184.27	11,422	36,084	184.79	12,120	42,205
184.28	11,435	36,198	184.80	12,133	42,326
184.29	11,448	36,313	184.81	12,147	42,447
184.30	11,462	36,427	184.82	12,160	42,569
184.31	11,475	36,542	184.83	12,174	42,691
184.32	11,489	36,657	184.84	12,187	42,812
184.33	11,502	36,772	184.85	12,201	42,934
184.34	11,516	36,887	184.86	12,214	43,056
184.35	11,529	37,002	184.87	12,227	43,179
184.36	11,542	37,117	184.88	12,241	43,301
184.37	11,556	37,233	184.89	12,254	43,423
184.38	11,569	37,348	184.90	12,268	43,546
184.39	11,583	37,464	184.91	12,281	43,669
184.40	11,596	37,580	184.92	12,295	43,792
184.41	11,610	37,696	184.93	12,308	43,915
184.42	11,623	37,812	184.94	12,321	44,038
184.43	11,636	37,929	184.95	12,335	44,161
184.44	11,650	38,045	184.96	12,348	44,284
184.45	11,663	38,162	184.97	12,362	44,408
184.46	11,677	38,278	184.98	12,375	44,532
184.47	11,690	38,395	184.99	12,389	44,656
184.48	11,704	38,512	185.00	12,402	44,780
184.49	11,717	38,629	185.01	12,416	44,904
184.50	11,731	38,746	185.02	12,430	45,028
184.51	11,744	38,864	185.03	12,444	45,152
184.52	11,757	38,981	185.04	12,458	45,277
184.53	11,771	39,099	185.05	12,472	45,401
184.54	11,784	39,217	185.06	12,486	45,526
184.55	11,798	39,335	185.07	12,500	45,651
184.56	11,811	39,453	185.08	12,514	45,776
184.57	11,825	39,571	185.09	12,528	45,901
184.58	11,838	39,689	185.10	12,542	46,027
184.59	11,851	39,808	185.11	12,556	46,152
184.60	11,865	39,926	185.12	12,570	46,278
184.61	11,878	40,045	185.13	12,584	46,404
184.62	11,892	40,164	185.14	12,598	46,530
184.63	11,905	40,283	185.15	12,612	46,656
184.64	11,919	40,402	185.16	12,626	46,782
184.65	11,932	40,521	185.17	12,640	46,908
184.66	11,945	40,640	185.18	12,654	47,035
184.67	11,959	40,760	185.19	12,668	47,161

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.20	12,682	47,288	185.72	13,411	54,072
185.21	12,696	47,415	185.73	13,425	54,206
185.22	12,710	47,542	185.74	13,439	54,341
185.23	12,724	47,669	185.75	13,453	54,475
185.24	12,738	47,796	185.76	13,467	54,610
185.25	12,752	47,924	185.77	13,481	54,744
185.26	12,766	48,051	185.78	13,495	54,879
185.27	12,780	48,179	185.79	13,509	55,014
185.28	12,794	48,307	185.80	13,523	55,149
185.29	12,808	48,435	185.81	13,537	55,285
185.30	12,822	48,563	185.82	13,551	55,420
185.31	12,836	48,691	185.83	13,565	55,556
185.32	12,850	48,820	185.84	13,579	55,691
185.33	12,864	48,948	185.85	13,593	55,827
185.34	12,878	49,077	185.86	13,607	55,963
185.35	12,892	49,206	185.87	13,621	56,099
185.36	12,906	49,335	185.88	13,635	56,236
185.37	12,920	49,464	185.89	13,649	56,372
185.38	12,934	49,593	185.90	13,663	56,509
185.39	12,948	49,723	185.91	13,677	56,645
185.40	12,962	49,852	185.92	13,691	56,782
185.41	12,976	49,982	185.93	13,705	56,919
185.42	12,990	50,112	185.94	13,719	57,056
185.43	13,004	50,242	185.95	13,733	57,194
185.44	13,018	50,372	185.96	13,747	57,331
185.45	13,032	50,502	185.97	13,761	57,469
185.46	13,046	50,633	185.98	13,775	57,606
185.47	13,060	50,763	185.99	13,789	57,744
185.48	13,074	50,894	186.00	13,803	57,882
185.49	13,088	51,025	186.01	13,818	58,020
185.50	13,103	51,156	186.02	13,832	58,158
185.51	13,117	51,287	186.03	13,847	58,297
185.52	13,131	51,418	186.04	13,861	58,435
185.53	13,145	51,549	186.05	13,876	58,574
185.54	13,159	51,681	186.06	13,890	58,713
185.55	13,173	51,813	186.07	13,905	58,852
185.56	13,187	51,944	186.08	13,919	58,991
185.57	13,201	52,076	186.09	13,934	59,130
185.58	13,215	52,208	186.10	13,949	59,270
185.59	13,229	52,341	186.11	13,963	59,409
185.60	13,243	52,473	186.12	13,978	59,549
185.61	13,257	52,605	186.13	13,992	59,689
185.62	13,271	52,738	186.14	14,007	59,829
185.63	13,285	52,871	186.15	14,021	59,969
185.64	13,299	53,004	186.16	14,036	60,109
185.65	13,313	53,137	186.17	14,051	60,250
185.66	13,327	53,270	186.18	14,065	60,390
185.67	13,341	53,403	186.19	14,080	60,531
185.68	13,355	53,537	186.20	14,094	60,672
185.69	13,369	53,670	186.21	14,109	60,813
185.70	13,383	53,804	186.22	14,123	60,954
185.71	13,397	53,938	186.23	14,138	61,095

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.24	14,152	61,237	186.76	14,910	68,793
186.25	14,167	61,378	186.77	14,924	68,942
186.26	14,182	61,520	186.78	14,939	69,091
186.27	14,196	61,662	186.79	14,953	69,241
186.28	14,211	61,804	186.80	14,968	69,390
186.29	14,225	61,946	186.81	14,982	69,540
186.30	14,240	62,088	186.82	14,997	69,690
186.31	14,254	62,231	186.83	15,011	69,840
186.32	14,269	62,374	186.84	15,026	69,990
186.33	14,283	62,516	186.85	15,041	70,141
186.34	14,298	62,659	186.86	15,055	70,291
186.35	14,313	62,802	186.87	15,070	70,442
186.36	14,327	62,945	186.88	15,084	70,592
186.37	14,342	63,089	186.89	15,099	70,743
186.38	14,356	63,232	186.90	15,113	70,894
186.39	14,371	63,376	186.91	15,128	71,046
186.40	14,385	63,520	186.92	15,143	71,197
186.41	14,400	63,664	186.93	15,157	71,348
186.42	14,415	63,808	186.94	15,172	71,500
186.43	14,429	63,952	186.95	15,186	71,652
186.44	14,444	64,096	186.96	15,201	71,804
186.45	14,458	64,241	186.97	15,215	71,956
186.46	14,473	64,385	186.98	15,230	72,108
186.47	14,487	64,530	186.99	15,244	72,260
186.48	14,502	64,675	187.00	15,259	72,413
186.49	14,516	64,820	187.01	15,274	72,566
186.50	14,531	64,966	187.02	15,289	72,718
186.51	14,546	65,111	187.03	15,304	72,871
186.52	14,560	65,256	187.04	15,320	73,025
186.53	14,575	65,402	187.05	15,335	73,178
186.54	14,589	65,548	187.06	15,350	73,331
186.55	14,604	65,694	187.07	15,365	73,485
186.56	14,618	65,840	187.08	15,380	73,639
186.57	14,633	65,986	187.09	15,395	73,792
186.58	14,647	66,133	187.10	15,410	73,946
186.59	14,662	66,279	187.11	15,425	74,101
186.60	14,677	66,426	187.12	15,441	74,255
186.61	14,691	66,573	187.13	15,456	74,409
186.62	14,706	66,720	187.14	15,471	74,564
186.63	14,720	66,867	187.15	15,486	74,719
186.64	14,735	67,014	187.16	15,501	74,874
186.65	14,749	67,162	187.17	15,516	75,029
186.66	14,764	67,309	187.18	15,531	75,184
186.67	14,779	67,457	187.19	15,546	75,340
186.68	14,793	67,605	187.20	15,562	75,495
186.69	14,808	67,753	187.21	15,577	75,651
186.70	14,822	67,901	187.22	15,592	75,807
186.71	14,837	68,049	187.23	15,607	75,963
186.72	14,851	68,198	187.24	15,622	76,119
186.73	14,866	68,346	187.25	15,637	76,275
186.74	14,880	68,495	187.26	15,652	76,431
186.75	14,895	68,644	187.27	15,668	76,588

Stage-Area-Storage for Pond B-46B: Basin #46B (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.28	15,683	76,745	187.80	16,469	85,104
187.29	15,698	76,902	187.81	16,485	85,269
187.30	15,713	77,059	187.82	16,500	85,434
187.31	15,728	77,216	187.83	16,515	85,599
187.32	15,743	77,373	187.84	16,530	85,764
187.33	15,758	77,531	187.85	16,545	85,930
187.34	15,773	77,689	187.86	16,560	86,095
187.35	15,789	77,846	187.87	16,575	86,261
187.36	15,804	78,004	187.88	16,590	86,427
187.37	15,819	78,162	187.89	16,606	86,593
187.38	15,834	78,321	187.90	16,621	86,759
187.39	15,849	78,479	187.91	16,636	86,925
187.40	15,864	78,638	187.92	16,651	87,092
187.41	15,879	78,796	187.93	16,666	87,258
187.42	15,894	78,955	187.94	16,681	87,425
187.43	15,910	79,114	187.95	16,696	87,592
187.44	15,925	79,273	187.96	16,711	87,759
187.45	15,940	79,433	187.97	16,727	87,926
187.46	15,955	79,592	187.98	16,742	88,093
187.47	15,970	79,752	187.99	16,757	88,261
187.48	15,985	79,912	188.00	16,772	88,429
187.49	16,000	80,072			
187.50	16,016	80,232			
187.51	16,031	80,392			
187.52	16,046	80,552			
187.53	16,061	80,713			
187.54	16,076	80,873			
187.55	16,091	81,034			
187.56	16,106	81,195			
187.57	16,121	81,356			
187.58	16,137	81,518			
187.59	16,152	81,679			
187.60	16,167	81,841			
187.61	16,182	82,002			
187.62	16,197	82,164			
187.63	16,212	82,326			
187.64	16,227	82,489			
187.65	16,242	82,651			
187.66	16,258	82,813			
187.67	16,273	82,976			
187.68	16,288	83,139			
187.69	16,303	83,302			
187.70	16,318	83,465			
187.71	16,333	83,628			
187.72	16,348	83,792			
187.73	16,363	83,955			
187.74	16,379	84,119			
187.75	16,394	84,283			
187.76	16,409	84,447			
187.77	16,424	84,611			
187.78	16,439	84,775			
187.79	16,454	84,940			

Summary for Pond B-47: Basin #47

Inflow Area = 2.436 ac, 30.62% Impervious, Inflow Depth = 8.66" for Future 100 yr event
 Inflow = 16.53 cfs @ 12.14 hrs, Volume= 1.758 af
 Outflow = 9.18 cfs @ 12.44 hrs, Volume= 1.572 af, Atten= 44%, Lag= 17.8 min
 Primary = 9.18 cfs @ 12.44 hrs, Volume= 1.572 af
 Routed to Link PDA-4 : Proposed Drainage Area #4

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 190.32' @ 12.44 hrs Surf.Area= 23,892 sf Storage= 29,870 cf

Plug-Flow detention time= 200.0 min calculated for 1.570 af (89% of inflow)
 Center-of-Mass det. time= 147.8 min (933.9 - 786.2)

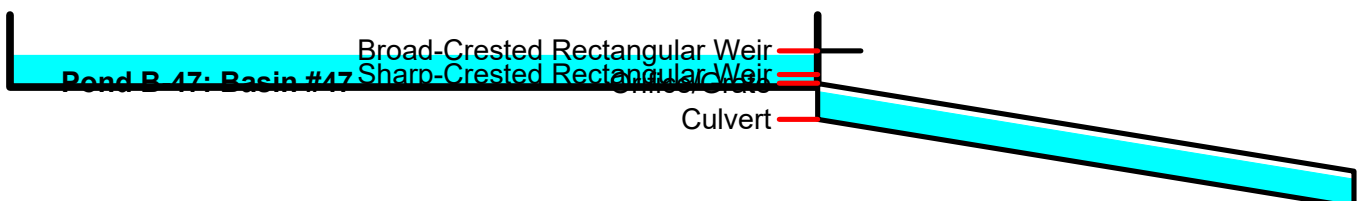
Volume	Invert	Avail.Storage	Storage Description
#1	189.00'	72,844 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
189.00	21,318	0	0
190.00	23,252	22,285	22,285
191.00	25,242	24,247	46,532
192.00	27,382	26,312	72,844

Device	Routing	Invert	Outlet Devices
#1	Primary	187.65'	18.0" Round Culvert L= 62.0' Ke= 0.500 Inlet / Outlet Invert= 187.65' / 184.00' S= 0.0589 ' / Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	189.16'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	189.52'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	190.51'	50.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

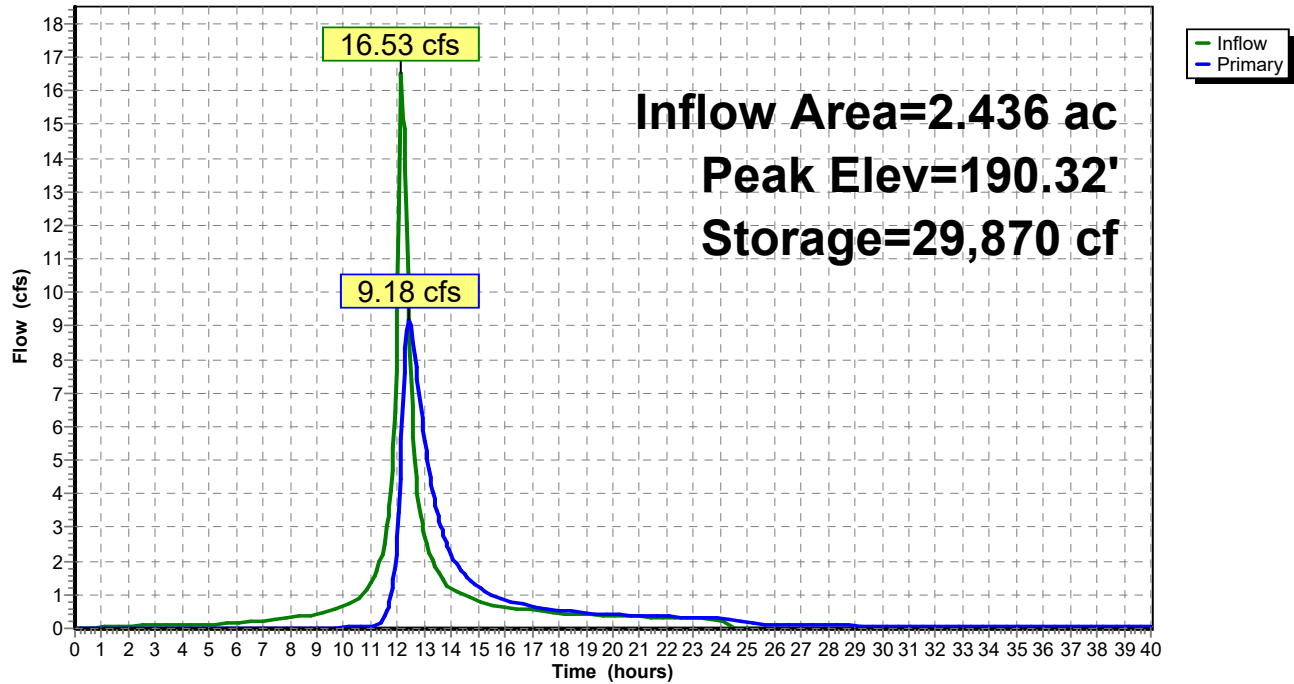
Primary OutFlow Max=9.17 cfs @ 12.44 hrs HW=190.32' (Free Discharge)

1=Culvert (Passes 9.17 cfs of 11.79 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.17 cfs @ 4.95 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 9.00 cfs @ 2.93 fps)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-47: Basin #47

Hydrograph



Hydrograph for Pond B-47: Basin #47

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	189.00	0.00
0.10	0.00	0	189.00	0.00
0.20	0.00	0	189.00	0.00
0.30	0.00	0	189.00	0.00
0.40	0.00	0	189.00	0.00
0.50	0.01	2	189.00	0.00
0.60	0.02	7	189.00	0.00
0.70	0.02	14	189.00	0.00
0.80	0.03	24	189.00	0.00
0.90	0.04	36	189.00	0.00
1.00	0.04	50	189.00	0.00
1.10	0.05	66	189.00	0.00
1.20	0.05	83	189.00	0.00
1.30	0.05	102	189.00	0.00
1.40	0.06	122	189.01	0.00
1.50	0.06	144	189.01	0.00
1.60	0.06	167	189.01	0.00
1.70	0.07	190	189.01	0.00
1.80	0.07	215	189.01	0.00
1.90	0.07	241	189.01	0.00
2.00	0.07	267	189.01	0.00
2.10	0.08	294	189.01	0.00
2.20	0.08	322	189.02	0.00
2.30	0.08	351	189.02	0.00
2.40	0.08	381	189.02	0.00
2.50	0.08	411	189.02	0.00
2.60	0.09	442	189.02	0.00
2.70	0.09	474	189.02	0.00
2.80	0.09	506	189.02	0.00
2.90	0.09	539	189.03	0.00
3.00	0.09	572	189.03	0.00
3.10	0.09	606	189.03	0.00
3.20	0.10	640	189.03	0.00
3.30	0.10	675	189.03	0.00
3.40	0.10	711	189.03	0.00
3.50	0.10	747	189.03	0.00
3.60	0.10	783	189.04	0.00
3.70	0.10	820	189.04	0.00
3.80	0.10	857	189.04	0.00
3.90	0.11	895	189.04	0.00
4.00	0.11	933	189.04	0.00
4.10	0.11	972	189.05	0.00
4.20	0.11	1,011	189.05	0.00
4.30	0.11	1,051	189.05	0.00
4.40	0.11	1,091	189.05	0.00
4.50	0.11	1,131	189.05	0.00
4.60	0.11	1,172	189.05	0.00
4.70	0.11	1,213	189.06	0.00
4.80	0.12	1,255	189.06	0.00
4.90	0.12	1,297	189.06	0.00
5.00	0.12	1,339	189.06	0.00
5.10	0.12	1,382	189.06	0.00

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.12	1,425	189.07	0.00
5.30	0.12	1,469	189.07	0.00
5.40	0.13	1,514	189.07	0.00
5.50	0.13	1,560	189.07	0.00
5.60	0.13	1,607	189.08	0.00
5.70	0.14	1,656	189.08	0.00
5.80	0.14	1,706	189.08	0.00
5.90	0.14	1,757	189.08	0.00
6.00	0.15	1,810	189.08	0.00
6.10	0.15	1,864	189.09	0.00
6.20	0.16	1,921	189.09	0.00
6.30	0.17	1,980	189.09	0.00
6.40	0.17	2,042	189.10	0.00
6.50	0.18	2,106	189.10	0.00
6.60	0.19	2,172	189.10	0.00
6.70	0.20	2,241	189.10	0.00
6.80	0.20	2,313	189.11	0.00
6.90	0.21	2,388	189.11	0.00
7.00	0.22	2,465	189.12	0.00
7.10	0.23	2,545	189.12	0.00
7.20	0.24	2,629	189.12	0.00
7.30	0.24	2,715	189.13	0.00
7.40	0.25	2,804	189.13	0.00
7.50	0.26	2,896	189.14	0.00
7.60	0.27	2,991	189.14	0.00
7.70	0.28	3,090	189.14	0.00
7.80	0.29	3,192	189.15	0.00
7.90	0.30	3,297	189.15	0.00
8.00	0.31	3,405	189.16	0.00
8.10	0.31	3,517	189.16	0.00
8.20	0.33	3,632	189.17	0.00
8.30	0.33	3,750	189.17	0.00
8.40	0.34	3,872	189.18	0.00
8.50	0.35	3,997	189.19	0.00
8.60	0.36	4,126	189.19	0.00
8.70	0.37	4,258	189.20	0.00
8.80	0.38	4,393	189.20	0.00
8.90	0.39	4,532	189.21	0.00
9.00	0.41	4,674	189.22	0.01
9.10	0.42	4,821	189.22	0.01
9.20	0.45	4,974	189.23	0.01
9.30	0.47	5,136	189.24	0.01
9.40	0.50	5,306	189.25	0.01
9.50	0.53	5,486	189.25	0.02
9.60	0.56	5,675	189.26	0.02
9.70	0.59	5,874	189.27	0.02
9.80	0.62	6,083	189.28	0.02
9.90	0.65	6,302	189.29	0.03
10.00	0.68	6,531	189.30	0.03
10.10	0.72	6,771	189.31	0.04
10.20	0.75	7,021	189.32	0.04
10.30	0.78	7,282	189.34	0.04

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.82	7,554	189.35	0.05
10.50	0.86	7,838	189.36	0.05
10.60	0.92	8,138	189.38	0.05
10.70	1.01	8,465	189.39	0.06
10.80	1.11	8,824	189.41	0.06
10.90	1.23	9,221	189.42	0.07
11.00	1.34	9,659	189.44	0.07
11.10	1.51	10,145	189.47	0.07
11.20	1.69	10,692	189.49	0.08
11.30	1.91	11,310	189.52	0.08
11.40	2.14	11,996	189.55	0.16
11.50	2.36	12,726	189.58	0.30
11.60	3.06	13,548	189.62	0.50
11.70	3.62	14,517	189.66	0.79
11.80	4.68	15,644	189.71	1.19
11.90	6.28	17,069	189.77	1.77
12.00	9.72	19,100	189.86	2.70
12.10	15.93	22,370	190.00	4.43
12.20	15.17	26,125	190.16	6.70
12.30	13.71	28,670	190.27	8.37
12.40	10.15	29,812	190.32	9.14
12.50	7.60	29,688	190.31	9.06
12.60	5.66	28,897	190.28	8.52
12.70	4.49	27,781	190.23	7.77
12.80	3.65	26,582	190.18	6.99
12.90	3.12	25,415	190.13	6.25
13.00	2.74	24,338	190.09	5.59
13.10	2.43	23,362	190.05	5.01
13.20	2.18	22,481	190.01	4.50
13.30	1.98	21,691	189.97	4.06
13.40	1.81	20,983	189.94	3.67
13.50	1.65	20,346	189.92	3.33
13.60	1.50	19,768	189.89	3.04
13.70	1.39	19,243	189.87	2.77
13.80	1.30	18,771	189.85	2.54
13.90	1.24	18,350	189.83	2.34
14.00	1.20	17,977	189.81	2.17
14.10	1.15	17,646	189.80	2.02
14.20	1.12	17,351	189.79	1.89
14.30	1.08	17,087	189.77	1.77
14.40	1.04	16,848	189.76	1.67
14.50	1.00	16,629	189.75	1.58
14.60	0.96	16,429	189.75	1.50
14.70	0.93	16,242	189.74	1.43
14.80	0.89	16,069	189.73	1.36
14.90	0.85	15,905	189.72	1.29
15.00	0.81	15,750	189.72	1.23
15.10	0.77	15,602	189.71	1.18
15.20	0.74	15,461	189.70	1.12
15.30	0.72	15,329	189.70	1.08
15.40	0.71	15,207	189.69	1.03
15.50	0.69	15,095	189.69	0.99

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.68	14,993	189.68	0.96
15.70	0.67	14,899	189.68	0.92
15.80	0.66	14,812	189.67	0.89
15.90	0.65	14,731	189.67	0.87
16.00	0.64	14,657	189.67	0.84
16.10	0.63	14,588	189.66	0.82
16.20	0.62	14,524	189.66	0.79
16.30	0.61	14,463	189.66	0.78
16.40	0.60	14,406	189.66	0.76
16.50	0.59	14,351	189.65	0.74
16.60	0.58	14,299	189.65	0.72
16.70	0.57	14,248	189.65	0.71
16.80	0.56	14,200	189.65	0.69
16.90	0.55	14,153	189.65	0.68
17.00	0.54	14,108	189.64	0.66
17.10	0.53	14,064	189.64	0.65
17.20	0.52	14,022	189.64	0.64
17.30	0.51	13,980	189.64	0.63
17.40	0.50	13,939	189.64	0.61
17.50	0.49	13,899	189.63	0.60
17.60	0.48	13,860	189.63	0.59
17.70	0.47	13,822	189.63	0.58
17.80	0.46	13,784	189.63	0.57
17.90	0.45	13,746	189.63	0.56
18.00	0.44	13,708	189.63	0.54
18.10	0.43	13,670	189.62	0.53
18.20	0.42	13,633	189.62	0.52
18.30	0.42	13,597	189.62	0.51
18.40	0.41	13,562	189.62	0.51
18.50	0.41	13,529	189.62	0.50
18.60	0.41	13,499	189.62	0.49
18.70	0.40	13,470	189.61	0.48
18.80	0.40	13,443	189.61	0.47
18.90	0.40	13,418	189.61	0.47
19.00	0.40	13,394	189.61	0.46
19.10	0.39	13,372	189.61	0.45
19.20	0.39	13,351	189.61	0.45
19.30	0.39	13,331	189.61	0.44
19.40	0.39	13,312	189.61	0.44
19.50	0.38	13,294	189.61	0.43
19.60	0.38	13,276	189.61	0.43
19.70	0.38	13,260	189.61	0.42
19.80	0.38	13,244	189.60	0.42
19.90	0.37	13,229	189.60	0.41
20.00	0.37	13,214	189.60	0.41
20.10	0.37	13,200	189.60	0.41
20.20	0.37	13,187	189.60	0.40
20.30	0.36	13,173	189.60	0.40
20.40	0.36	13,160	189.60	0.40
20.50	0.36	13,148	189.60	0.39
20.60	0.36	13,135	189.60	0.39
20.70	0.35	13,123	189.60	0.39

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.35	13,111	189.60	0.38
20.90	0.35	13,099	189.60	0.38
21.00	0.34	13,088	189.60	0.38
21.10	0.34	13,076	189.60	0.38
21.20	0.34	13,064	189.60	0.37
21.30	0.34	13,052	189.60	0.37
21.40	0.34	13,040	189.60	0.37
21.50	0.33	13,029	189.60	0.36
21.60	0.33	13,017	189.59	0.36
21.70	0.33	13,005	189.59	0.36
21.80	0.33	12,994	189.59	0.36
21.90	0.32	12,983	189.59	0.35
22.00	0.32	12,971	189.59	0.35
22.10	0.32	12,960	189.59	0.35
22.20	0.32	12,948	189.59	0.35
22.30	0.31	12,937	189.59	0.34
22.40	0.31	12,926	189.59	0.34
22.50	0.31	12,914	189.59	0.34
22.60	0.30	12,903	189.59	0.34
22.70	0.30	12,891	189.59	0.33
22.80	0.30	12,880	189.59	0.33
22.90	0.30	12,869	189.59	0.33
23.00	0.29	12,857	189.59	0.33
23.10	0.29	12,846	189.59	0.32
23.20	0.29	12,835	189.59	0.32
23.30	0.29	12,823	189.59	0.32
23.40	0.28	12,812	189.59	0.32
23.50	0.28	12,801	189.58	0.31
23.60	0.28	12,790	189.58	0.31
23.70	0.28	12,778	189.58	0.31
23.80	0.27	12,767	189.58	0.31
23.90	0.27	12,756	189.58	0.30
24.00	0.29	12,747	189.58	0.30
24.10	0.20	12,731	189.58	0.30
24.20	0.14	12,687	189.58	0.29
24.30	0.06	12,622	189.58	0.27
24.40	0.03	12,543	189.57	0.25
24.50	0.01	12,461	189.57	0.24
24.60	0.00	12,382	189.57	0.22
24.70	0.00	12,305	189.56	0.21
24.80	0.00	12,232	189.56	0.20
24.90	0.00	12,164	189.56	0.19
25.00	0.00	12,099	189.55	0.17
25.10	0.00	12,038	189.55	0.16
25.20	0.00	11,980	189.55	0.15
25.30	0.00	11,926	189.55	0.15
25.40	0.00	11,875	189.54	0.14
25.50	0.00	11,828	189.54	0.13
25.60	0.00	11,782	189.54	0.12
25.70	0.00	11,739	189.54	0.12
25.80	0.00	11,697	189.54	0.11
25.90	0.00	11,657	189.53	0.11

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,617	189.53	0.11
26.10	0.00	11,579	189.53	0.10
26.20	0.00	11,543	189.53	0.10
26.30	0.00	11,507	189.53	0.10
26.40	0.00	11,472	189.53	0.09
26.50	0.00	11,439	189.52	0.09
26.60	0.00	11,407	189.52	0.09
26.70	0.00	11,375	189.52	0.09
26.80	0.00	11,345	189.52	0.08
26.90	0.00	11,315	189.52	0.08
27.00	0.00	11,285	189.52	0.08
27.10	0.00	11,256	189.52	0.08
27.20	0.00	11,226	189.51	0.08
27.30	0.00	11,197	189.51	0.08
27.40	0.00	11,167	189.51	0.08
27.50	0.00	11,138	189.51	0.08
27.60	0.00	11,109	189.51	0.08
27.70	0.00	11,079	189.51	0.08
27.80	0.00	11,050	189.51	0.08
27.90	0.00	11,021	189.51	0.08
28.00	0.00	10,992	189.50	0.08
28.10	0.00	10,963	189.50	0.08
28.20	0.00	10,934	189.50	0.08
28.30	0.00	10,906	189.50	0.08
28.40	0.00	10,877	189.50	0.08
28.50	0.00	10,848	189.50	0.08
28.60	0.00	10,820	189.50	0.08
28.70	0.00	10,792	189.50	0.08
28.80	0.00	10,763	189.49	0.08
28.90	0.00	10,735	189.49	0.08
29.00	0.00	10,707	189.49	0.08
29.10	0.00	10,679	189.49	0.08
29.20	0.00	10,651	189.49	0.08
29.30	0.00	10,623	189.49	0.08
29.40	0.00	10,595	189.49	0.08
29.50	0.00	10,567	189.49	0.08
29.60	0.00	10,539	189.48	0.08
29.70	0.00	10,512	189.48	0.08
29.80	0.00	10,484	189.48	0.08
29.90	0.00	10,457	189.48	0.08
30.00	0.00	10,429	189.48	0.08
30.10	0.00	10,402	189.48	0.08
30.20	0.00	10,375	189.48	0.08
30.30	0.00	10,347	189.48	0.08
30.40	0.00	10,320	189.47	0.08
30.50	0.00	10,293	189.47	0.07
30.60	0.00	10,266	189.47	0.07
30.70	0.00	10,240	189.47	0.07
30.80	0.00	10,213	189.47	0.07
30.90	0.00	10,186	189.47	0.07
31.00	0.00	10,159	189.47	0.07
31.10	0.00	10,133	189.47	0.07

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	10,106	189.46	0.07
31.30	0.00	10,080	189.46	0.07
31.40	0.00	10,054	189.46	0.07
31.50	0.00	10,028	189.46	0.07
31.60	0.00	10,001	189.46	0.07
31.70	0.00	9,975	189.46	0.07
31.80	0.00	9,949	189.46	0.07
31.90	0.00	9,923	189.46	0.07
32.00	0.00	9,898	189.45	0.07
32.10	0.00	9,872	189.45	0.07
32.20	0.00	9,846	189.45	0.07
32.30	0.00	9,821	189.45	0.07
32.40	0.00	9,795	189.45	0.07
32.50	0.00	9,770	189.45	0.07
32.60	0.00	9,744	189.45	0.07
32.70	0.00	9,719	189.45	0.07
32.80	0.00	9,694	189.45	0.07
32.90	0.00	9,669	189.44	0.07
33.00	0.00	9,644	189.44	0.07
33.10	0.00	9,619	189.44	0.07
33.20	0.00	9,594	189.44	0.07
33.30	0.00	9,569	189.44	0.07
33.40	0.00	9,544	189.44	0.07
33.50	0.00	9,520	189.44	0.07
33.60	0.00	9,495	189.44	0.07
33.70	0.00	9,471	189.44	0.07
33.80	0.00	9,446	189.43	0.07
33.90	0.00	9,422	189.43	0.07
34.00	0.00	9,398	189.43	0.07
34.10	0.00	9,373	189.43	0.07
34.20	0.00	9,349	189.43	0.07
34.30	0.00	9,325	189.43	0.07
34.40	0.00	9,301	189.43	0.07
34.50	0.00	9,277	189.43	0.07
34.60	0.00	9,254	189.43	0.07
34.70	0.00	9,230	189.42	0.07
34.80	0.00	9,206	189.42	0.07
34.90	0.00	9,183	189.42	0.07
35.00	0.00	9,159	189.42	0.07
35.10	0.00	9,136	189.42	0.06
35.20	0.00	9,113	189.42	0.06
35.30	0.00	9,089	189.42	0.06
35.40	0.00	9,066	189.42	0.06
35.50	0.00	9,043	189.42	0.06
35.60	0.00	9,020	189.42	0.06
35.70	0.00	8,997	189.41	0.06
35.80	0.00	8,974	189.41	0.06
35.90	0.00	8,952	189.41	0.06
36.00	0.00	8,929	189.41	0.06
36.10	0.00	8,906	189.41	0.06
36.20	0.00	8,884	189.41	0.06
36.30	0.00	8,861	189.41	0.06

Hydrograph for Pond B-47: Basin #47 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	8,839	189.41	0.06
36.50	0.00	8,817	189.41	0.06
36.60	0.00	8,795	189.41	0.06
36.70	0.00	8,773	189.40	0.06
36.80	0.00	8,750	189.40	0.06
36.90	0.00	8,729	189.40	0.06
37.00	0.00	8,707	189.40	0.06
37.10	0.00	8,685	189.40	0.06
37.20	0.00	8,663	189.40	0.06
37.30	0.00	8,642	189.40	0.06
37.40	0.00	8,620	189.40	0.06
37.50	0.00	8,598	189.40	0.06
37.60	0.00	8,577	189.40	0.06
37.70	0.00	8,556	189.39	0.06
37.80	0.00	8,534	189.39	0.06
37.90	0.00	8,513	189.39	0.06
38.00	0.00	8,492	189.39	0.06
38.10	0.00	8,471	189.39	0.06
38.20	0.00	8,450	189.39	0.06
38.30	0.00	8,429	189.39	0.06
38.40	0.00	8,408	189.39	0.06
38.50	0.00	8,388	189.39	0.06
38.60	0.00	8,367	189.39	0.06
38.70	0.00	8,347	189.38	0.06
38.80	0.00	8,326	189.38	0.06
38.90	0.00	8,306	189.38	0.06
39.00	0.00	8,285	189.38	0.06
39.10	0.00	8,265	189.38	0.06
39.20	0.00	8,245	189.38	0.06
39.30	0.00	8,225	189.38	0.06
39.40	0.00	8,205	189.38	0.06
39.50	0.00	8,185	189.38	0.06
39.60	0.00	8,165	189.38	0.06
39.70	0.00	8,145	189.38	0.05
39.80	0.00	8,125	189.37	0.05
39.90	0.00	8,106	189.37	0.05
40.00	0.00	8,086	189.37	0.05

Stage-Discharge for Pond B-47: Basin #47

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
189.00	0.00	189.52	0.08	190.04	4.92	190.56	13.82
189.01	0.00	189.53	0.10	190.05	5.06	190.57	14.26
189.02	0.00	189.54	0.12	190.06	5.20	190.58	14.74
189.03	0.00	189.55	0.16	190.07	5.34	190.59	15.25
189.04	0.00	189.56	0.19	190.08	5.48	190.60	15.79
189.05	0.00	189.57	0.24	190.09	5.62	190.61	16.37
189.06	0.00	189.58	0.28	190.10	5.76	190.62	16.97
189.07	0.00	189.59	0.34	190.11	5.90	190.63	17.60
189.08	0.00	189.60	0.39	190.12	6.05	190.64	18.25
189.09	0.00	189.61	0.45	190.13	6.19	190.65	18.93
189.10	0.00	189.62	0.51	190.14	6.34	190.66	19.64
189.11	0.00	189.63	0.57	190.15	6.49	190.67	20.37
189.12	0.00	189.64	0.64	190.16	6.64	190.68	21.12
189.13	0.00	189.65	0.71	190.17	6.79	190.69	21.89
189.14	0.00	189.66	0.78	190.18	6.94	190.70	22.68
189.15	0.00	189.67	0.86	190.19	7.09	190.71	23.50
189.16	0.00	189.68	0.94	190.20	7.24	190.72	24.37
189.17	0.00	189.69	1.02	190.21	7.40	190.73	25.27
189.18	0.00	189.70	1.10	190.22	7.55	190.74	26.20
189.19	0.00	189.71	1.18	190.23	7.71	190.75	27.15
189.20	0.00	189.72	1.27	190.24	7.87	190.76	28.12
189.21	0.00	189.73	1.36	190.25	8.02	190.77	29.13
189.22	0.01	189.74	1.45	190.26	8.18	190.78	30.15
189.23	0.01	189.75	1.54	190.27	8.34	190.79	31.20
189.24	0.01	189.76	1.64	190.28	8.50	190.80	32.28
189.25	0.01	189.77	1.73	190.29	8.66	190.81	33.38
189.26	0.02	189.78	1.83	190.30	8.83	190.82	34.50
189.27	0.02	189.79	1.93	190.31	8.99	190.83	35.65
189.28	0.02	189.80	2.03	190.32	9.15	190.84	36.82
189.29	0.03	189.81	2.13	190.33	9.32	190.85	38.02
189.30	0.03	189.82	2.24	190.34	9.48	190.86	39.24
189.31	0.03	189.83	2.35	190.35	9.65	190.87	40.49
189.32	0.04	189.84	2.45	190.36	9.82	190.88	41.76
189.33	0.04	189.85	2.56	190.37	9.99	190.89	43.05
189.34	0.05	189.86	2.68	190.38	10.16	190.90	44.37
189.35	0.05	189.87	2.79	190.39	10.33	190.91	45.71
189.36	0.05	189.88	2.90	190.40	10.50	190.92	47.10
189.37	0.05	189.89	3.02	190.41	10.67	190.93	48.52
189.38	0.06	189.90	3.14	190.42	10.84	190.94	49.97
189.39	0.06	189.91	3.26	190.43	11.02	190.95	51.44
189.40	0.06	189.92	3.38	190.44	11.19	190.96	52.93
189.41	0.06	189.93	3.50	190.45	11.36	190.97	54.46
189.42	0.06	189.94	3.62	190.46	11.54	190.98	56.01
189.43	0.07	189.95	3.74	190.47	11.72	190.99	57.58
189.44	0.07	189.96	3.87	190.48	11.89	191.00	59.18
189.45	0.07	189.97	4.00	190.49	12.07	191.01	60.81
189.46	0.07	189.98	4.13	190.50	12.25	191.02	62.47
189.47	0.07	189.99	4.26	190.51	12.36	191.03	64.15
189.48	0.08	190.00	4.39	190.52	12.51	191.04	65.85
189.49	0.08	190.01	4.52	190.53	12.75	191.05	67.59
189.50	0.08	190.02	4.65	190.54	13.06	191.06	69.35
189.51	0.08	190.03	4.79	190.55	13.41	191.07	71.14

Stage-Discharge for Pond B-47: Basin #47 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.08	72.95	191.60	175.15
191.09	74.79	191.61	177.39
191.10	76.66	191.62	179.65
191.11	78.56	191.63	181.91
191.12	80.21	191.64	184.18
191.13	81.88	191.65	186.47
191.14	83.55	191.66	188.76
191.15	85.25	191.67	191.07
191.16	86.95	191.68	193.38
191.17	88.67	191.69	195.71
191.18	90.41	191.70	198.04
191.19	92.15	191.71	200.38
191.20	93.91	191.72	202.77
191.21	95.68	191.73	205.17
191.22	97.47	191.74	207.58
191.23	99.26	191.75	210.01
191.24	101.07	191.76	212.44
191.25	102.89	191.77	214.88
191.26	104.73	191.78	217.33
191.27	106.57	191.79	219.80
191.28	108.43	191.80	222.27
191.29	110.30	191.81	224.76
191.30	112.18	191.82	227.25
191.31	114.08	191.83	229.76
191.32	116.02	191.84	232.27
191.33	117.98	191.85	234.80
191.34	119.95	191.86	237.34
191.35	121.94	191.87	239.88
191.36	123.93	191.88	242.44
191.37	125.94	191.89	245.01
191.38	127.97	191.90	247.59
191.39	130.00	191.91	250.18
191.40	132.05	191.92	252.82
191.41	134.12	191.93	255.48
191.42	136.19	191.94	258.14
191.43	138.28	191.95	260.82
191.44	140.38	191.96	263.51
191.45	142.49	191.97	266.20
191.46	144.62	191.98	268.91
191.47	146.76	191.99	271.64
191.48	148.91	192.00	274.37
191.49	151.07		
191.50	153.25		
191.51	155.44		
191.52	157.59		
191.53	159.74		
191.54	161.91		
191.55	164.09		
191.56	166.28		
191.57	168.49		
191.58	170.70		
191.59	172.92		

Stage-Area-Storage for Pond B-47: Basin #47

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
189.00	21,318	0	189.52	22,324	11,347
189.01	21,337	213	189.53	22,343	11,570
189.02	21,357	427	189.54	22,362	11,794
189.03	21,376	640	189.55	22,382	12,017
189.04	21,395	854	189.56	22,401	12,241
189.05	21,415	1,068	189.57	22,420	12,465
189.06	21,434	1,283	189.58	22,440	12,690
189.07	21,453	1,497	189.59	22,459	12,914
189.08	21,473	1,712	189.60	22,478	13,139
189.09	21,492	1,926	189.61	22,498	13,364
189.10	21,511	2,141	189.62	22,517	13,589
189.11	21,531	2,357	189.63	22,536	13,814
189.12	21,550	2,572	189.64	22,556	14,040
189.13	21,569	2,788	189.65	22,575	14,265
189.14	21,589	3,003	189.66	22,594	14,491
189.15	21,608	3,219	189.67	22,614	14,717
189.16	21,627	3,436	189.68	22,633	14,943
189.17	21,647	3,652	189.69	22,652	15,170
189.18	21,666	3,869	189.70	22,672	15,396
189.19	21,685	4,085	189.71	22,691	15,623
189.20	21,705	4,302	189.72	22,710	15,850
189.21	21,724	4,519	189.73	22,730	16,077
189.22	21,743	4,737	189.74	22,749	16,305
189.23	21,763	4,954	189.75	22,769	16,532
189.24	21,782	5,172	189.76	22,788	16,760
189.25	21,802	5,390	189.77	22,807	16,988
189.26	21,821	5,608	189.78	22,827	17,216
189.27	21,840	5,826	189.79	22,846	17,445
189.28	21,860	6,045	189.80	22,865	17,673
189.29	21,879	6,264	189.81	22,885	17,902
189.30	21,898	6,482	189.82	22,904	18,131
189.31	21,918	6,702	189.83	22,923	18,360
189.32	21,937	6,921	189.84	22,943	18,589
189.33	21,956	7,140	189.85	22,962	18,819
189.34	21,976	7,360	189.86	22,981	19,049
189.35	21,995	7,580	189.87	23,001	19,279
189.36	22,014	7,800	189.88	23,020	19,509
189.37	22,034	8,020	189.89	23,039	19,739
189.38	22,053	8,240	189.90	23,059	19,969
189.39	22,072	8,461	189.91	23,078	20,200
189.40	22,092	8,682	189.92	23,097	20,431
189.41	22,111	8,903	189.93	23,117	20,662
189.42	22,130	9,124	189.94	23,136	20,893
189.43	22,150	9,346	189.95	23,155	21,125
189.44	22,169	9,567	189.96	23,175	21,356
189.45	22,188	9,789	189.97	23,194	21,588
189.46	22,208	10,011	189.98	23,213	21,820
189.47	22,227	10,233	189.99	23,233	22,053
189.48	22,246	10,455	190.00	23,252	22,285
189.49	22,266	10,678	190.01	23,272	22,518
189.50	22,285	10,901	190.02	23,292	22,750
189.51	22,304	11,124	190.03	23,312	22,983

Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
190.04	23,332	23,217	190.56	24,366	35,618
190.05	23,352	23,450	190.57	24,386	35,862
190.06	23,371	23,684	190.58	24,406	36,106
190.07	23,391	23,918	190.59	24,426	36,350
190.08	23,411	24,152	190.60	24,446	36,594
190.09	23,431	24,386	190.61	24,466	36,839
190.10	23,451	24,620	190.62	24,486	37,084
190.11	23,471	24,855	190.63	24,506	37,329
190.12	23,491	25,090	190.64	24,526	37,574
190.13	23,511	25,325	190.65	24,546	37,819
190.14	23,531	25,560	190.66	24,565	38,065
190.15	23,551	25,795	190.67	24,585	38,310
190.16	23,570	26,031	190.68	24,605	38,556
190.17	23,590	26,267	190.69	24,625	38,803
190.18	23,610	26,503	190.70	24,645	39,049
190.19	23,630	26,739	190.71	24,665	39,295
190.20	23,650	26,975	190.72	24,685	39,542
190.21	23,670	27,212	190.73	24,705	39,789
190.22	23,690	27,449	190.74	24,725	40,036
190.23	23,710	27,686	190.75	24,745	40,284
190.24	23,730	27,923	190.76	24,764	40,531
190.25	23,750	28,160	190.77	24,784	40,779
190.26	23,769	28,398	190.78	24,804	41,027
190.27	23,789	28,636	190.79	24,824	41,275
190.28	23,809	28,874	190.80	24,844	41,523
190.29	23,829	29,112	190.81	24,864	41,772
190.30	23,849	29,350	190.82	24,884	42,021
190.31	23,869	29,589	190.83	24,904	42,270
190.32	23,889	29,828	190.84	24,924	42,519
190.33	23,909	30,067	190.85	24,943	42,768
190.34	23,929	30,306	190.86	24,963	43,018
190.35	23,948	30,545	190.87	24,983	43,267
190.36	23,968	30,785	190.88	25,003	43,517
190.37	23,988	31,024	190.89	25,023	43,767
190.38	24,008	31,264	190.90	25,043	44,018
190.39	24,028	31,505	190.91	25,063	44,268
190.40	24,048	31,745	190.92	25,083	44,519
190.41	24,068	31,986	190.93	25,103	44,770
190.42	24,088	32,226	190.94	25,123	45,021
190.43	24,108	32,467	190.95	25,142	45,272
190.44	24,128	32,709	190.96	25,162	45,524
190.45	24,147	32,950	190.97	25,182	45,776
190.46	24,167	33,191	190.98	25,202	46,028
190.47	24,187	33,433	190.99	25,222	46,280
190.48	24,207	33,675	191.00	25,242	46,532
190.49	24,227	33,917	191.01	25,263	46,785
190.50	24,247	34,160	191.02	25,285	47,037
190.51	24,267	34,402	191.03	25,306	47,290
190.52	24,287	34,645	191.04	25,328	47,543
190.53	24,307	34,888	191.05	25,349	47,797
190.54	24,327	35,131	191.06	25,370	48,050
190.55	24,347	35,375	191.07	25,392	48,304

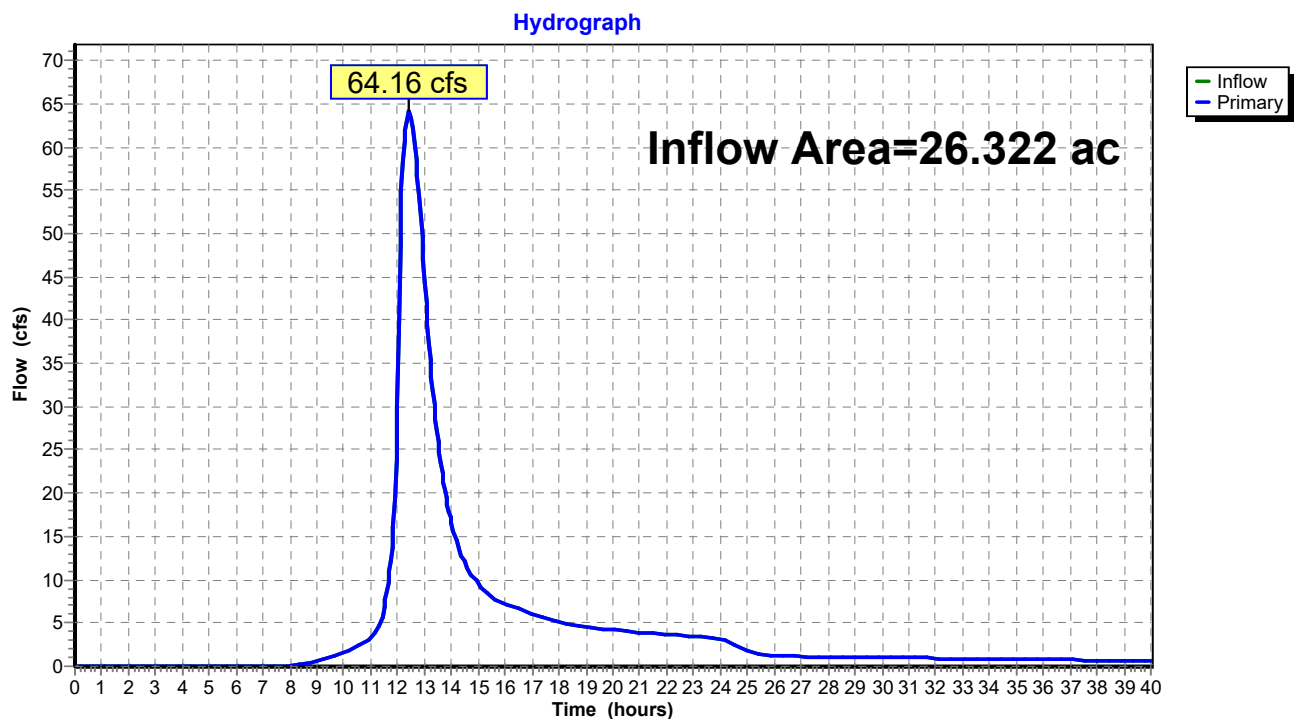
Stage-Area-Storage for Pond B-47: Basin #47 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.08	25,413	48,558	191.60	26,526	62,062
191.09	25,435	48,812	191.61	26,547	62,328
191.10	25,456	49,067	191.62	26,569	62,593
191.11	25,477	49,322	191.63	26,590	62,859
191.12	25,499	49,576	191.64	26,612	63,125
191.13	25,520	49,832	191.65	26,633	63,391
191.14	25,542	50,087	191.66	26,654	63,658
191.15	25,563	50,342	191.67	26,676	63,924
191.16	25,584	50,598	191.68	26,697	64,191
191.17	25,606	50,854	191.69	26,719	64,458
191.18	25,627	51,110	191.70	26,740	64,726
191.19	25,649	51,367	191.71	26,761	64,993
191.20	25,670	51,623	191.72	26,783	65,261
191.21	25,691	51,880	191.73	26,804	65,529
191.22	25,713	52,137	191.74	26,826	65,797
191.23	25,734	52,394	191.75	26,847	66,065
191.24	25,756	52,652	191.76	26,868	66,334
191.25	25,777	52,909	191.77	26,890	66,603
191.26	25,798	53,167	191.78	26,911	66,872
191.27	25,820	53,425	191.79	26,933	67,141
191.28	25,841	53,684	191.80	26,954	67,410
191.29	25,863	53,942	191.81	26,975	67,680
191.30	25,884	54,201	191.82	26,997	67,950
191.31	25,905	54,460	191.83	27,018	68,220
191.32	25,927	54,719	191.84	27,040	68,490
191.33	25,948	54,978	191.85	27,061	68,761
191.34	25,970	55,238	191.86	27,082	69,031
191.35	25,991	55,498	191.87	27,104	69,302
191.36	26,012	55,758	191.88	27,125	69,574
191.37	26,034	56,018	191.89	27,147	69,845
191.38	26,055	56,278	191.90	27,168	70,117
191.39	26,077	56,539	191.91	27,189	70,388
191.40	26,098	56,800	191.92	27,211	70,660
191.41	26,119	57,061	191.93	27,232	70,933
191.42	26,141	57,322	191.94	27,254	71,205
191.43	26,162	57,584	191.95	27,275	71,478
191.44	26,184	57,846	191.96	27,296	71,750
191.45	26,205	58,108	191.97	27,318	72,024
191.46	26,226	58,370	191.98	27,339	72,297
191.47	26,248	58,632	191.99	27,361	72,570
191.48	26,269	58,895	192.00	27,382	72,844
191.49	26,291	59,157			
191.50	26,312	59,421			
191.51	26,333	59,684			
191.52	26,355	59,947			
191.53	26,376	60,211			
191.54	26,398	60,475			
191.55	26,419	60,739			
191.56	26,440	61,003			
191.57	26,462	61,268			
191.58	26,483	61,532			
191.59	26,505	61,797			

Summary for Link PDA-4: Proposed Drainage Area #4

Inflow Area = 26.322 ac, 21.46% Impervious, Inflow Depth > 6.35" for Future 100 yr event
Inflow = 64.16 cfs @ 12.41 hrs, Volume= 13.932 af
Primary = 64.16 cfs @ 12.41 hrs, Volume= 13.932 af, Atten= 0%, Lag= 0.0 min
Routed to nonexistent node DP-2

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-4: Proposed Drainage Area #4

Hydrograph for Link PDA-4: Proposed Drainage Area #4

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.01	0.00	0.01
5.25	0.00	0.00	0.00	7.85	0.01	0.00	0.01
5.30	0.00	0.00	0.00	7.90	0.03	0.00	0.03
5.35	0.00	0.00	0.00	7.95	0.04	0.00	0.04
5.40	0.00	0.00	0.00	8.00	0.06	0.00	0.06
5.45	0.00	0.00	0.00	8.05	0.07	0.00	0.07
5.50	0.00	0.00	0.00	8.10	0.09	0.00	0.09
5.55	0.00	0.00	0.00	8.15	0.11	0.00	0.11
5.60	0.00	0.00	0.00	8.20	0.13	0.00	0.13
5.65	0.00	0.00	0.00	8.25	0.16	0.00	0.16
5.70	0.00	0.00	0.00	8.30	0.18	0.00	0.18
5.75	0.00	0.00	0.00	8.35	0.20	0.00	0.20
5.80	0.00	0.00	0.00	8.40	0.23	0.00	0.23
5.85	0.00	0.00	0.00	8.45	0.25	0.00	0.25
5.90	0.00	0.00	0.00	8.50	0.28	0.00	0.28
5.95	0.00	0.00	0.00	8.55	0.30	0.00	0.30
6.00	0.00	0.00	0.00	8.60	0.33	0.00	0.33
6.05	0.00	0.00	0.00	8.65	0.36	0.00	0.36
6.10	0.00	0.00	0.00	8.70	0.39	0.00	0.39
6.15	0.00	0.00	0.00	8.75	0.41	0.00	0.41
6.20	0.00	0.00	0.00	8.80	0.44	0.00	0.44
6.25	0.00	0.00	0.00	8.85	0.47	0.00	0.47
6.30	0.00	0.00	0.00	8.90	0.50	0.00	0.50
6.35	0.00	0.00	0.00	8.95	0.53	0.00	0.53
6.40	0.00	0.00	0.00	9.00	0.56	0.00	0.56
6.45	0.00	0.00	0.00	9.05	0.59	0.00	0.59
6.50	0.00	0.00	0.00	9.10	0.62	0.00	0.62
6.55	0.00	0.00	0.00	9.15	0.65	0.00	0.65
6.60	0.00	0.00	0.00	9.20	0.69	0.00	0.69
6.65	0.00	0.00	0.00	9.25	0.73	0.00	0.73
6.70	0.00	0.00	0.00	9.30	0.77	0.00	0.77
6.75	0.00	0.00	0.00	9.35	0.81	0.00	0.81
6.80	0.00	0.00	0.00	9.40	0.85	0.00	0.85
6.85	0.00	0.00	0.00	9.45	0.90	0.00	0.90
6.90	0.00	0.00	0.00	9.50	0.95	0.00	0.95
6.95	0.00	0.00	0.00	9.55	0.99	0.00	0.99
7.00	0.00	0.00	0.00	9.60	1.04	0.00	1.04
7.05	0.00	0.00	0.00	9.65	1.09	0.00	1.09
7.10	0.00	0.00	0.00	9.70	1.15	0.00	1.15
7.15	0.00	0.00	0.00	9.75	1.20	0.00	1.20
7.20	0.00	0.00	0.00	9.80	1.26	0.00	1.26
7.25	0.00	0.00	0.00	9.85	1.32	0.00	1.32
7.30	0.00	0.00	0.00	9.90	1.39	0.00	1.39
7.35	0.00	0.00	0.00	9.95	1.46	0.00	1.46
7.40	0.00	0.00	0.00	10.00	1.53	0.00	1.53
7.45	0.00	0.00	0.00	10.05	1.61	0.00	1.61
7.50	0.00	0.00	0.00	10.10	1.68	0.00	1.68
7.55	0.00	0.00	0.00	10.15	1.75	0.00	1.75
7.60	0.00	0.00	0.00	10.20	1.82	0.00	1.82
7.65	0.00	0.00	0.00	10.25	1.89	0.00	1.89
7.70	0.00	0.00	0.00	10.30	1.96	0.00	1.96
7.75	0.00	0.00	0.00	10.35	2.04	0.00	2.04

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	2.11	0.00	2.11	13.00	44.33	0.00	44.33
10.45	2.18	0.00	2.18	13.05	41.83	0.00	41.83
10.50	2.26	0.00	2.26	13.10	39.51	0.00	39.51
10.55	2.34	0.00	2.34	13.15	37.33	0.00	37.33
10.60	2.42	0.00	2.42	13.20	35.33	0.00	35.33
10.65	2.52	0.00	2.52	13.25	33.46	0.00	33.46
10.70	2.62	0.00	2.62	13.30	31.73	0.00	31.73
10.75	2.72	0.00	2.72	13.35	30.09	0.00	30.09
10.80	2.84	0.00	2.84	13.40	28.58	0.00	28.58
10.85	2.96	0.00	2.96	13.45	27.16	0.00	27.16
10.90	3.09	0.00	3.09	13.50	25.85	0.00	25.85
10.95	3.23	0.00	3.23	13.55	24.61	0.00	24.61
11.00	3.38	0.00	3.38	13.60	23.44	0.00	23.44
11.05	3.54	0.00	3.54	13.65	22.36	0.00	22.36
11.10	3.72	0.00	3.72	13.70	21.33	0.00	21.33
11.15	3.92	0.00	3.92	13.75	20.39	0.00	20.39
11.20	4.13	0.00	4.13	13.80	19.50	0.00	19.50
11.25	4.36	0.00	4.36	13.85	18.68	0.00	18.68
11.30	4.61	0.00	4.61	13.90	17.91	0.00	17.91
11.35	4.90	0.00	4.90	13.95	17.21	0.00	17.21
11.40	5.41	0.00	5.41	14.00	16.53	0.00	16.53
11.45	6.06	0.00	6.06	14.05	15.92	0.00	15.92
11.50	6.80	0.00	6.80	14.10	15.35	0.00	15.35
11.55	7.67	0.00	7.67	14.15	14.81	0.00	14.81
11.60	8.69	0.00	8.69	14.20	14.31	0.00	14.31
11.65	9.77	0.00	9.77	14.25	13.84	0.00	13.84
11.70	10.90	0.00	10.90	14.30	13.41	0.00	13.41
11.75	12.20	0.00	12.20	14.35	13.00	0.00	13.00
11.80	13.69	0.00	13.69	14.40	12.63	0.00	12.63
11.85	16.02	0.00	16.02	14.45	12.26	0.00	12.26
11.90	19.30	0.00	19.30	14.50	11.93	0.00	11.93
11.95	23.82	0.00	23.82	14.55	11.61	0.00	11.61
12.00	29.91	0.00	29.91	14.60	11.33	0.00	11.33
12.05	38.19	0.00	38.19	14.65	11.05	0.00	11.05
12.10	48.61	0.00	48.61	14.70	10.80	0.00	10.80
12.15	54.80	0.00	54.80	14.75	10.56	0.00	10.56
12.20	58.56	0.00	58.56	14.80	10.33	0.00	10.33
12.25	60.64	0.00	60.64	14.85	10.12	0.00	10.12
12.30	61.99	0.00	61.99	14.90	9.92	0.00	9.92
12.35	63.02	0.00	63.02	14.95	9.73	0.00	9.73
12.40	64.14	0.00	64.14	15.00	9.54	0.00	9.54
12.45	63.55	0.00	63.55	15.05	9.36	0.00	9.36
12.50	63.07	0.00	63.07	15.10	9.18	0.00	9.18
12.55	62.56	0.00	62.56	15.15	9.02	0.00	9.02
12.60	61.55	0.00	61.55	15.20	8.85	0.00	8.85
12.65	60.28	0.00	60.28	15.25	8.70	0.00	8.70
12.70	58.56	0.00	58.56	15.30	8.55	0.00	8.55
12.75	56.63	0.00	56.63	15.35	8.41	0.00	8.41
12.80	54.42	0.00	54.42	15.40	8.27	0.00	8.27
12.85	52.05	0.00	52.05	15.45	8.14	0.00	8.14
12.90	49.52	0.00	49.52	15.50	8.02	0.00	8.02
12.95	46.89	0.00	46.89	15.55	7.91	0.00	7.91

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	7.80	0.00	7.80	18.20	5.04	0.00	5.04
15.65	7.69	0.00	7.69	18.25	4.99	0.00	4.99
15.70	7.60	0.00	7.60	18.30	4.96	0.00	4.96
15.75	7.51	0.00	7.51	18.35	4.92	0.00	4.92
15.80	7.43	0.00	7.43	18.40	4.88	0.00	4.88
15.85	7.35	0.00	7.35	18.45	4.84	0.00	4.84
15.90	7.28	0.00	7.28	18.50	4.81	0.00	4.81
15.95	7.20	0.00	7.20	18.55	4.77	0.00	4.77
16.00	7.14	0.00	7.14	18.60	4.74	0.00	4.74
16.05	7.07	0.00	7.07	18.65	4.71	0.00	4.71
16.10	7.01	0.00	7.01	18.70	4.68	0.00	4.68
16.15	6.95	0.00	6.95	18.75	4.65	0.00	4.65
16.20	6.89	0.00	6.89	18.80	4.63	0.00	4.63
16.25	6.84	0.00	6.84	18.85	4.60	0.00	4.60
16.30	6.78	0.00	6.78	18.90	4.58	0.00	4.58
16.35	6.73	0.00	6.73	18.95	4.55	0.00	4.55
16.40	6.68	0.00	6.68	19.00	4.53	0.00	4.53
16.45	6.63	0.00	6.63	19.05	4.51	0.00	4.51
16.50	6.58	0.00	6.58	19.10	4.49	0.00	4.49
16.55	6.53	0.00	6.53	19.15	4.47	0.00	4.47
16.60	6.48	0.00	6.48	19.20	4.45	0.00	4.45
16.65	6.43	0.00	6.43	19.25	4.43	0.00	4.43
16.70	6.38	0.00	6.38	19.30	4.41	0.00	4.41
16.75	6.33	0.00	6.33	19.35	4.39	0.00	4.39
16.80	6.29	0.00	6.29	19.40	4.38	0.00	4.38
16.85	6.24	0.00	6.24	19.45	4.36	0.00	4.36
16.90	6.19	0.00	6.19	19.50	4.34	0.00	4.34
16.95	6.14	0.00	6.14	19.55	4.33	0.00	4.33
17.00	6.10	0.00	6.10	19.60	4.31	0.00	4.31
17.05	6.05	0.00	6.05	19.65	4.29	0.00	4.29
17.10	6.00	0.00	6.00	19.70	4.28	0.00	4.28
17.15	5.96	0.00	5.96	19.75	4.26	0.00	4.26
17.20	5.91	0.00	5.91	19.80	4.25	0.00	4.25
17.25	5.86	0.00	5.86	19.85	4.23	0.00	4.23
17.30	5.82	0.00	5.82	19.90	4.22	0.00	4.22
17.35	5.77	0.00	5.77	19.95	4.20	0.00	4.20
17.40	5.73	0.00	5.73	20.00	4.19	0.00	4.19
17.45	5.68	0.00	5.68	20.05	4.17	0.00	4.17
17.50	5.64	0.00	5.64	20.10	4.16	0.00	4.16
17.55	5.59	0.00	5.59	20.15	4.14	0.00	4.14
17.60	5.55	0.00	5.55	20.20	4.13	0.00	4.13
17.65	5.50	0.00	5.50	20.25	4.11	0.00	4.11
17.70	5.46	0.00	5.46	20.30	4.10	0.00	4.10
17.75	5.42	0.00	5.42	20.35	4.08	0.00	4.08
17.80	5.37	0.00	5.37	20.40	4.07	0.00	4.07
17.85	5.33	0.00	5.33	20.45	4.05	0.00	4.05
17.90	5.29	0.00	5.29	20.50	4.04	0.00	4.04
17.95	5.25	0.00	5.25	20.55	4.02	0.00	4.02
18.00	5.21	0.00	5.21	20.60	4.01	0.00	4.01
18.05	5.16	0.00	5.16	20.65	3.99	0.00	3.99
18.10	5.12	0.00	5.12	20.70	3.98	0.00	3.98
18.15	5.08	0.00	5.08	20.75	3.96	0.00	3.96

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	3.95	0.00	3.95	23.40	3.33	0.00	3.33
20.85	3.94	0.00	3.94	23.45	3.32	0.00	3.32
20.90	3.92	0.00	3.92	23.50	3.30	0.00	3.30
20.95	3.91	0.00	3.91	23.55	3.29	0.00	3.29
21.00	3.90	0.00	3.90	23.60	3.28	0.00	3.28
21.05	3.88	0.00	3.88	23.65	3.27	0.00	3.27
21.10	3.87	0.00	3.87	23.70	3.26	0.00	3.26
21.15	3.86	0.00	3.86	23.75	3.25	0.00	3.25
21.20	3.84	0.00	3.84	23.80	3.24	0.00	3.24
21.25	3.83	0.00	3.83	23.85	3.23	0.00	3.23
21.30	3.82	0.00	3.82	23.90	3.22	0.00	3.22
21.35	3.81	0.00	3.81	23.95	3.21	0.00	3.21
21.40	3.79	0.00	3.79	24.00	3.21	0.00	3.21
21.45	3.78	0.00	3.78	24.05	3.18	0.00	3.18
21.50	3.77	0.00	3.77	24.10	3.14	0.00	3.14
21.55	3.76	0.00	3.76	24.15	3.09	0.00	3.09
21.60	3.74	0.00	3.74	24.20	3.03	0.00	3.03
21.65	3.73	0.00	3.73	24.25	2.96	0.00	2.96
21.70	3.72	0.00	3.72	24.30	2.88	0.00	2.88
21.75	3.71	0.00	3.71	24.35	2.80	0.00	2.80
21.80	3.70	0.00	3.70	24.40	2.72	0.00	2.72
21.85	3.68	0.00	3.68	24.45	2.62	0.00	2.62
21.90	3.67	0.00	3.67	24.50	2.51	0.00	2.51
21.95	3.66	0.00	3.66	24.55	2.41	0.00	2.41
22.00	3.65	0.00	3.65	24.60	2.31	0.00	2.31
22.05	3.64	0.00	3.64	24.65	2.21	0.00	2.21
22.10	3.63	0.00	3.63	24.70	2.11	0.00	2.11
22.15	3.61	0.00	3.61	24.75	2.02	0.00	2.02
22.20	3.60	0.00	3.60	24.80	1.93	0.00	1.93
22.25	3.59	0.00	3.59	24.85	1.85	0.00	1.85
22.30	3.58	0.00	3.58	24.90	1.78	0.00	1.78
22.35	3.57	0.00	3.57	24.95	1.72	0.00	1.72
22.40	3.55	0.00	3.55	25.00	1.67	0.00	1.67
22.45	3.54	0.00	3.54	25.05	1.62	0.00	1.62
22.50	3.53	0.00	3.53	25.10	1.58	0.00	1.58
22.55	3.52	0.00	3.52	25.15	1.54	0.00	1.54
22.60	3.51	0.00	3.51	25.20	1.51	0.00	1.51
22.65	3.50	0.00	3.50	25.25	1.47	0.00	1.47
22.70	3.49	0.00	3.49	25.30	1.45	0.00	1.45
22.75	3.48	0.00	3.48	25.35	1.42	0.00	1.42
22.80	3.46	0.00	3.46	25.40	1.40	0.00	1.40
22.85	3.45	0.00	3.45	25.45	1.38	0.00	1.38
22.90	3.44	0.00	3.44	25.50	1.36	0.00	1.36
22.95	3.43	0.00	3.43	25.55	1.34	0.00	1.34
23.00	3.42	0.00	3.42	25.60	1.32	0.00	1.32
23.05	3.41	0.00	3.41	25.65	1.31	0.00	1.31
23.10	3.40	0.00	3.40	25.70	1.30	0.00	1.30
23.15	3.38	0.00	3.38	25.75	1.28	0.00	1.28
23.20	3.37	0.00	3.37	25.80	1.27	0.00	1.27
23.25	3.36	0.00	3.36	25.85	1.26	0.00	1.26
23.30	3.35	0.00	3.35	25.90	1.25	0.00	1.25
23.35	3.34	0.00	3.34	25.95	1.24	0.00	1.24

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

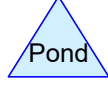
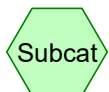
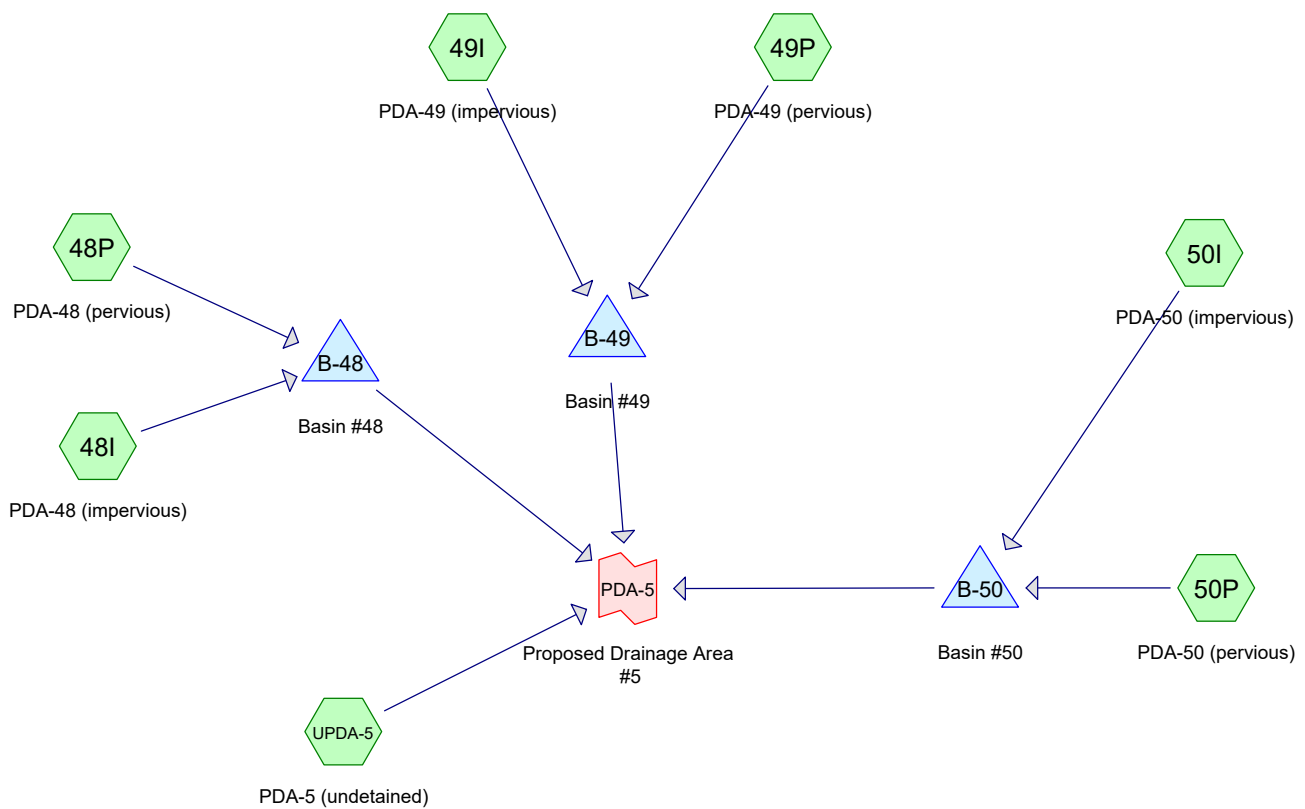
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	1.24	0.00	1.24	28.60	1.04	0.00	1.04
26.05	1.23	0.00	1.23	28.65	1.04	0.00	1.04
26.10	1.22	0.00	1.22	28.70	1.03	0.00	1.03
26.15	1.21	0.00	1.21	28.75	1.03	0.00	1.03
26.20	1.20	0.00	1.20	28.80	1.03	0.00	1.03
26.25	1.20	0.00	1.20	28.85	1.03	0.00	1.03
26.30	1.19	0.00	1.19	28.90	1.03	0.00	1.03
26.35	1.18	0.00	1.18	28.95	1.02	0.00	1.02
26.40	1.18	0.00	1.18	29.00	1.02	0.00	1.02
26.45	1.17	0.00	1.17	29.05	1.02	0.00	1.02
26.50	1.17	0.00	1.17	29.10	1.02	0.00	1.02
26.55	1.16	0.00	1.16	29.15	1.01	0.00	1.01
26.60	1.15	0.00	1.15	29.20	1.01	0.00	1.01
26.65	1.15	0.00	1.15	29.25	1.01	0.00	1.01
26.70	1.14	0.00	1.14	29.30	1.01	0.00	1.01
26.75	1.14	0.00	1.14	29.35	1.01	0.00	1.01
26.80	1.13	0.00	1.13	29.40	1.00	0.00	1.00
26.85	1.13	0.00	1.13	29.45	1.00	0.00	1.00
26.90	1.13	0.00	1.13	29.50	1.00	0.00	1.00
26.95	1.13	0.00	1.13	29.55	1.00	0.00	1.00
27.00	1.12	0.00	1.12	29.60	1.00	0.00	1.00
27.05	1.12	0.00	1.12	29.65	0.99	0.00	0.99
27.10	1.12	0.00	1.12	29.70	0.99	0.00	0.99
27.15	1.11	0.00	1.11	29.75	0.99	0.00	0.99
27.20	1.11	0.00	1.11	29.80	0.99	0.00	0.99
27.25	1.11	0.00	1.11	29.85	0.99	0.00	0.99
27.30	1.10	0.00	1.10	29.90	0.98	0.00	0.98
27.35	1.10	0.00	1.10	29.95	0.98	0.00	0.98
27.40	1.10	0.00	1.10	30.00	0.98	0.00	0.98
27.45	1.10	0.00	1.10	30.05	0.98	0.00	0.98
27.50	1.09	0.00	1.09	30.10	0.97	0.00	0.97
27.55	1.09	0.00	1.09	30.15	0.97	0.00	0.97
27.60	1.09	0.00	1.09	30.20	0.97	0.00	0.97
27.65	1.09	0.00	1.09	30.25	0.97	0.00	0.97
27.70	1.08	0.00	1.08	30.30	0.97	0.00	0.97
27.75	1.08	0.00	1.08	30.35	0.96	0.00	0.96
27.80	1.08	0.00	1.08	30.40	0.96	0.00	0.96
27.85	1.07	0.00	1.07	30.45	0.96	0.00	0.96
27.90	1.07	0.00	1.07	30.50	0.96	0.00	0.96
27.95	1.07	0.00	1.07	30.55	0.96	0.00	0.96
28.00	1.07	0.00	1.07	30.60	0.95	0.00	0.95
28.05	1.06	0.00	1.06	30.65	0.95	0.00	0.95
28.10	1.06	0.00	1.06	30.70	0.95	0.00	0.95
28.15	1.06	0.00	1.06	30.75	0.95	0.00	0.95
28.20	1.06	0.00	1.06	30.80	0.95	0.00	0.95
28.25	1.05	0.00	1.05	30.85	0.94	0.00	0.94
28.30	1.05	0.00	1.05	30.90	0.94	0.00	0.94
28.35	1.05	0.00	1.05	30.95	0.94	0.00	0.94
28.40	1.05	0.00	1.05	31.00	0.94	0.00	0.94
28.45	1.05	0.00	1.05	31.05	0.94	0.00	0.94
28.50	1.04	0.00	1.04	31.10	0.93	0.00	0.93
28.55	1.04	0.00	1.04	31.15	0.93	0.00	0.93

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.93	0.00	0.93	33.80	0.83	0.00	0.83
31.25	0.93	0.00	0.93	33.85	0.83	0.00	0.83
31.30	0.93	0.00	0.93	33.90	0.83	0.00	0.83
31.35	0.93	0.00	0.93	33.95	0.83	0.00	0.83
31.40	0.92	0.00	0.92	34.00	0.83	0.00	0.83
31.45	0.92	0.00	0.92	34.05	0.82	0.00	0.82
31.50	0.92	0.00	0.92	34.10	0.82	0.00	0.82
31.55	0.92	0.00	0.92	34.15	0.82	0.00	0.82
31.60	0.92	0.00	0.92	34.20	0.82	0.00	0.82
31.65	0.91	0.00	0.91	34.25	0.82	0.00	0.82
31.70	0.91	0.00	0.91	34.30	0.82	0.00	0.82
31.75	0.91	0.00	0.91	34.35	0.81	0.00	0.81
31.80	0.91	0.00	0.91	34.40	0.81	0.00	0.81
31.85	0.91	0.00	0.91	34.45	0.81	0.00	0.81
31.90	0.90	0.00	0.90	34.50	0.81	0.00	0.81
31.95	0.90	0.00	0.90	34.55	0.81	0.00	0.81
32.00	0.90	0.00	0.90	34.60	0.80	0.00	0.80
32.05	0.90	0.00	0.90	34.65	0.80	0.00	0.80
32.10	0.90	0.00	0.90	34.70	0.80	0.00	0.80
32.15	0.90	0.00	0.90	34.75	0.80	0.00	0.80
32.20	0.89	0.00	0.89	34.80	0.80	0.00	0.80
32.25	0.89	0.00	0.89	34.85	0.79	0.00	0.79
32.30	0.89	0.00	0.89	34.90	0.79	0.00	0.79
32.35	0.89	0.00	0.89	34.95	0.79	0.00	0.79
32.40	0.89	0.00	0.89	35.00	0.79	0.00	0.79
32.45	0.88	0.00	0.88	35.05	0.79	0.00	0.79
32.50	0.88	0.00	0.88	35.10	0.79	0.00	0.79
32.55	0.88	0.00	0.88	35.15	0.78	0.00	0.78
32.60	0.88	0.00	0.88	35.20	0.78	0.00	0.78
32.65	0.88	0.00	0.88	35.25	0.78	0.00	0.78
32.70	0.87	0.00	0.87	35.30	0.78	0.00	0.78
32.75	0.87	0.00	0.87	35.35	0.78	0.00	0.78
32.80	0.87	0.00	0.87	35.40	0.77	0.00	0.77
32.85	0.87	0.00	0.87	35.45	0.77	0.00	0.77
32.90	0.87	0.00	0.87	35.50	0.77	0.00	0.77
32.95	0.87	0.00	0.87	35.55	0.77	0.00	0.77
33.00	0.86	0.00	0.86	35.60	0.77	0.00	0.77
33.05	0.86	0.00	0.86	35.65	0.76	0.00	0.76
33.10	0.86	0.00	0.86	35.70	0.76	0.00	0.76
33.15	0.86	0.00	0.86	35.75	0.76	0.00	0.76
33.20	0.86	0.00	0.86	35.80	0.76	0.00	0.76
33.25	0.85	0.00	0.85	35.85	0.76	0.00	0.76
33.30	0.85	0.00	0.85	35.90	0.76	0.00	0.76
33.35	0.85	0.00	0.85	35.95	0.75	0.00	0.75
33.40	0.85	0.00	0.85	36.00	0.75	0.00	0.75
33.45	0.85	0.00	0.85	36.05	0.75	0.00	0.75
33.50	0.84	0.00	0.84	36.10	0.75	0.00	0.75
33.55	0.84	0.00	0.84	36.15	0.75	0.00	0.75
33.60	0.84	0.00	0.84	36.20	0.74	0.00	0.74
33.65	0.84	0.00	0.84	36.25	0.74	0.00	0.74
33.70	0.84	0.00	0.84	36.30	0.74	0.00	0.74
33.75	0.84	0.00	0.84	36.35	0.74	0.00	0.74

Hydrograph for Link PDA-4: Proposed Drainage Area #4 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.74	0.00	0.74	39.00	0.62	0.00	0.62
36.45	0.73	0.00	0.73	39.05	0.62	0.00	0.62
36.50	0.73	0.00	0.73	39.10	0.62	0.00	0.62
36.55	0.73	0.00	0.73	39.15	0.62	0.00	0.62
36.60	0.73	0.00	0.73	39.20	0.61	0.00	0.61
36.65	0.73	0.00	0.73	39.25	0.61	0.00	0.61
36.70	0.73	0.00	0.73	39.30	0.61	0.00	0.61
36.75	0.72	0.00	0.72	39.35	0.61	0.00	0.61
36.80	0.72	0.00	0.72	39.40	0.61	0.00	0.61
36.85	0.72	0.00	0.72	39.45	0.61	0.00	0.61
36.90	0.72	0.00	0.72	39.50	0.60	0.00	0.60
36.95	0.72	0.00	0.72	39.55	0.60	0.00	0.60
37.00	0.71	0.00	0.71	39.60	0.60	0.00	0.60
37.05	0.71	0.00	0.71	39.65	0.60	0.00	0.60
37.10	0.71	0.00	0.71	39.70	0.60	0.00	0.60
37.15	0.71	0.00	0.71	39.75	0.60	0.00	0.60
37.20	0.71	0.00	0.71	39.80	0.60	0.00	0.60
37.25	0.70	0.00	0.70	39.85	0.60	0.00	0.60
37.30	0.70	0.00	0.70	39.90	0.59	0.00	0.59
37.35	0.70	0.00	0.70	39.95	0.59	0.00	0.59
37.40	0.70	0.00	0.70	40.00	0.59	0.00	0.59
37.45	0.69	0.00	0.69				
37.50	0.69	0.00	0.69				
37.55	0.69	0.00	0.69				
37.60	0.69	0.00	0.69				
37.65	0.69	0.00	0.69				
37.70	0.68	0.00	0.68				
37.75	0.68	0.00	0.68				
37.80	0.68	0.00	0.68				
37.85	0.68	0.00	0.68				
37.90	0.68	0.00	0.68				
37.95	0.67	0.00	0.67				
38.00	0.67	0.00	0.67				
38.05	0.67	0.00	0.67				
38.10	0.66	0.00	0.66				
38.15	0.66	0.00	0.66				
38.20	0.66	0.00	0.66				
38.25	0.65	0.00	0.65				
38.30	0.65	0.00	0.65				
38.35	0.65	0.00	0.65				
38.40	0.65	0.00	0.65				
38.45	0.64	0.00	0.64				
38.50	0.64	0.00	0.64				
38.55	0.64	0.00	0.64				
38.60	0.64	0.00	0.64				
38.65	0.64	0.00	0.64				
38.70	0.63	0.00	0.63				
38.75	0.63	0.00	0.63				
38.80	0.63	0.00	0.63				
38.85	0.63	0.00	0.63				
38.90	0.63	0.00	0.63				
38.95	0.62	0.00	0.62				



Routing Diagram for 2025-07-14 Proposed- 081391_5
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2025-07-14 Proposed- 081391_5

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Printed 9/30/2025

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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
4.922	74	>75% Grass cover, Good, HSG C (48P, 49P, 50P, UPDA-5)
0.126	98	Concrete, HSG C (48I, 49I, 50I)
0.960	98	Pavement, HSG C (48I, 49I, 50I)
1.265	98	Roof, HSG C (48I, 49I, 50I)
7.273	82	TOTAL AREA

Summary for Subcatchment 48I: PDA-48 (impervious)

Runoff = 2.33 cfs @ 1.06 hrs, Volume= 0.067 af, Depth= 1.03"
Routed to Pond B-48 : Basin #48

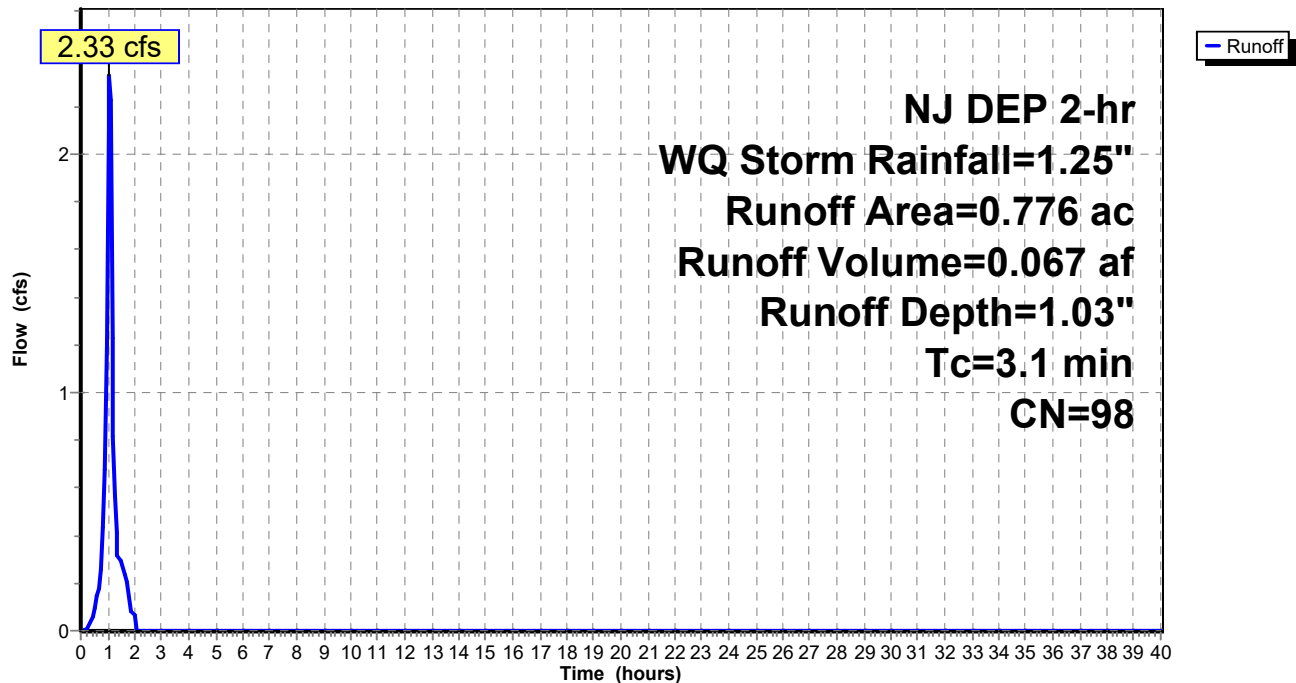
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.019	98	Concrete, HSG C
0.776	98	Weighted Average
0.776		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1					Direct Entry,

Subcatchment 48I: PDA-48 (impervious)

Hydrograph



Hydrograph for Subcatchment 48I: PDA-48 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.01	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.03	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.06	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.08	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.11	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.15	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.17	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.19	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.21	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.31	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.43	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.68	3.50	1.25	1.03	0.00
0.95	0.46	0.29	1.21	3.55	1.25	1.03	0.00
1.00	0.63	0.43	2.11	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.32	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.22	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.22	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.82	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.57	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.41	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.32	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.30	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.30	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.30	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.26	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.23	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.23	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.23	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.23	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.14	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.08	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.08	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.08	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.08	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.03	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.00	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 48P: PDA-48 (pervious)

Runoff = 0.19 cfs @ 1.28 hrs, Volume= 0.009 af, Depth= 0.07"
 Routed to Pond B-48 : Basin #48

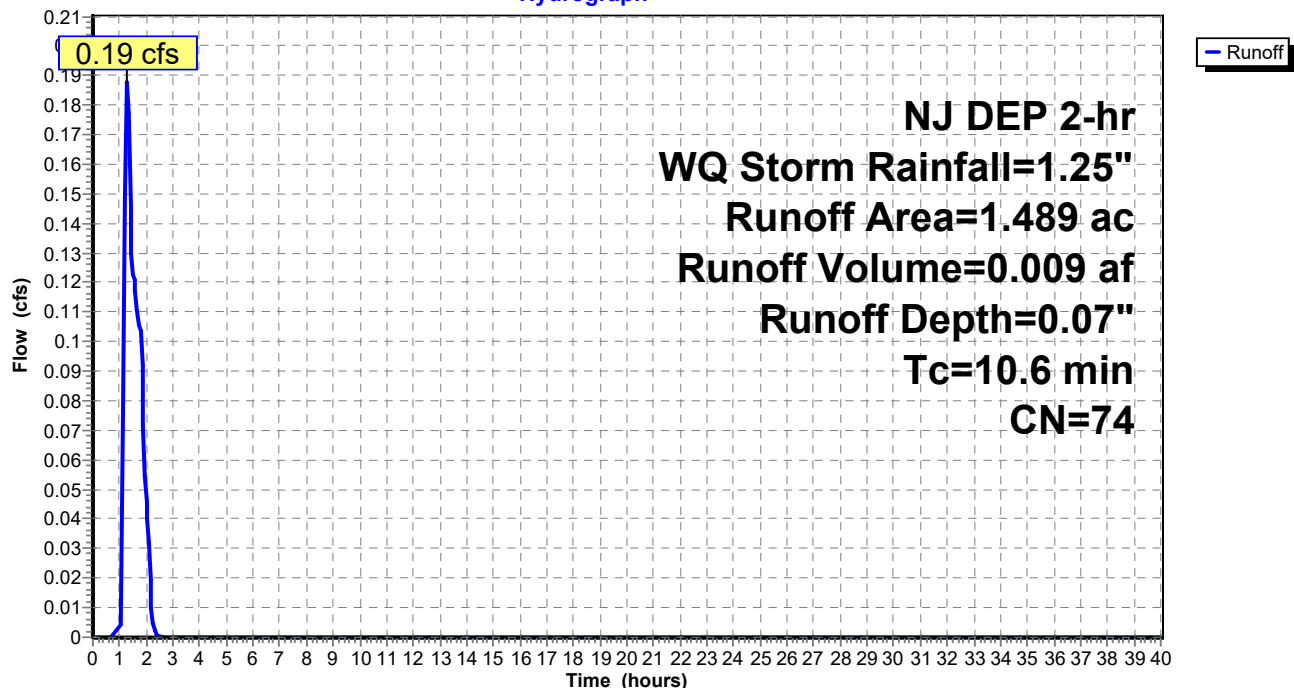
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.489	74	>75% Grass cover, Good, HSG C
1.489		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.6					Direct Entry,

Subcatchment 48P: PDA-48 (pervious)

Hydrograph



Hydrograph for Subcatchment 48P: PDA-48 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.02	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.08	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.15	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.19	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.19	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.17	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.15	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.13	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.12	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.12	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.12	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.11	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.11	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.10	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.10	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.09	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.07	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.05	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.05	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.04	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.03	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.02	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.01	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 49I: PDA-49 (impervious)

Runoff = 2.78 cfs @ 1.08 hrs, Volume= 0.079 af, Depth= 1.03"
Routed to Pond B-49 : Basin #49

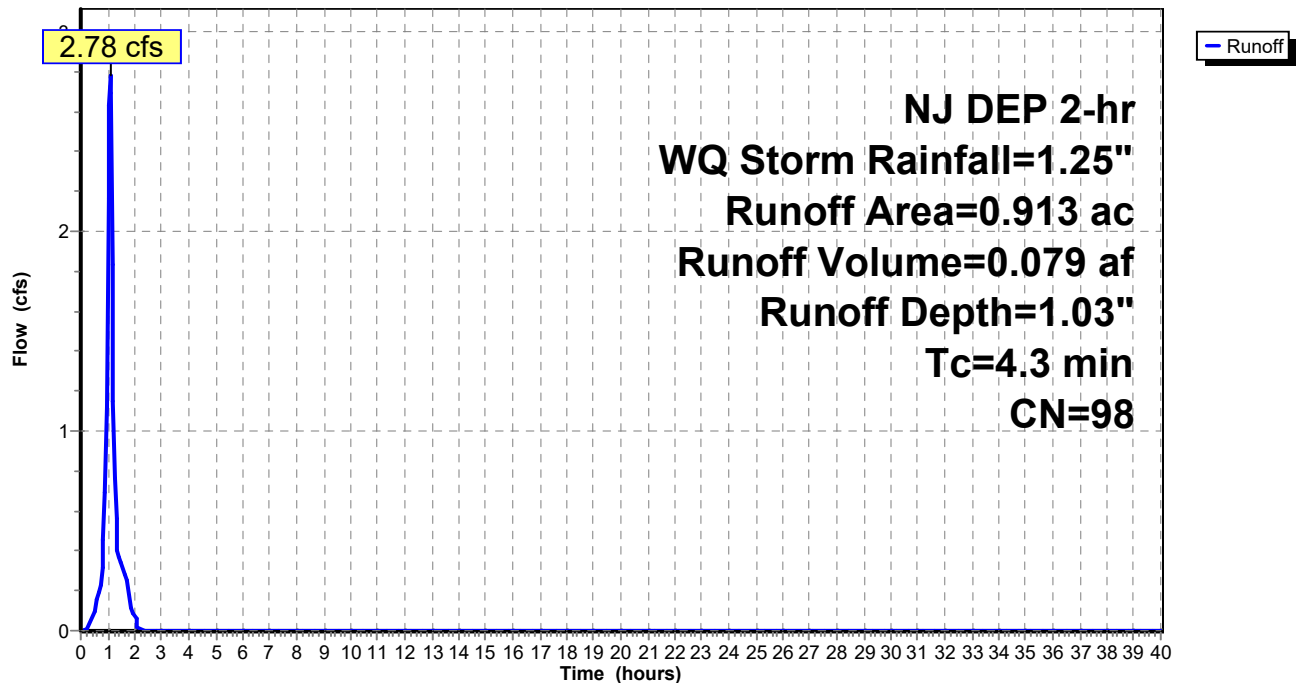
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.434	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.061	98	Concrete, HSG C
0.913	98	Weighted Average
0.913		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 49I: PDA-49 (impervious)

Hydrograph



Hydrograph for Subcatchment 49I: PDA-49 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.00	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.03	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.05	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.08	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.12	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.16	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.19	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.21	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.24	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.32	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.45	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.70	3.50	1.25	1.03	0.00
0.95	0.46	0.29	1.12	3.55	1.25	1.03	0.00
1.00	0.63	0.43	2.17	3.60	1.25	1.03	0.00
1.05	0.79	0.58	2.63	3.65	1.25	1.03	0.00
1.10	0.91	0.71	2.69	3.70	1.25	1.03	0.00
1.15	0.97	0.76	1.83	3.75	1.25	1.03	0.00
1.20	1.02	0.81	1.15	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.76	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.56	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.41	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.37	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.36	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.36	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.33	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.28	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.27	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.27	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.27	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.21	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.12	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.09	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.09	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.09	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.06	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.01	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 49P: PDA-49 (pervious)

Runoff = 0.17 cfs @ 1.20 hrs, Volume= 0.007 af, Depth= 0.07"
 Routed to Pond B-49 : Basin #49

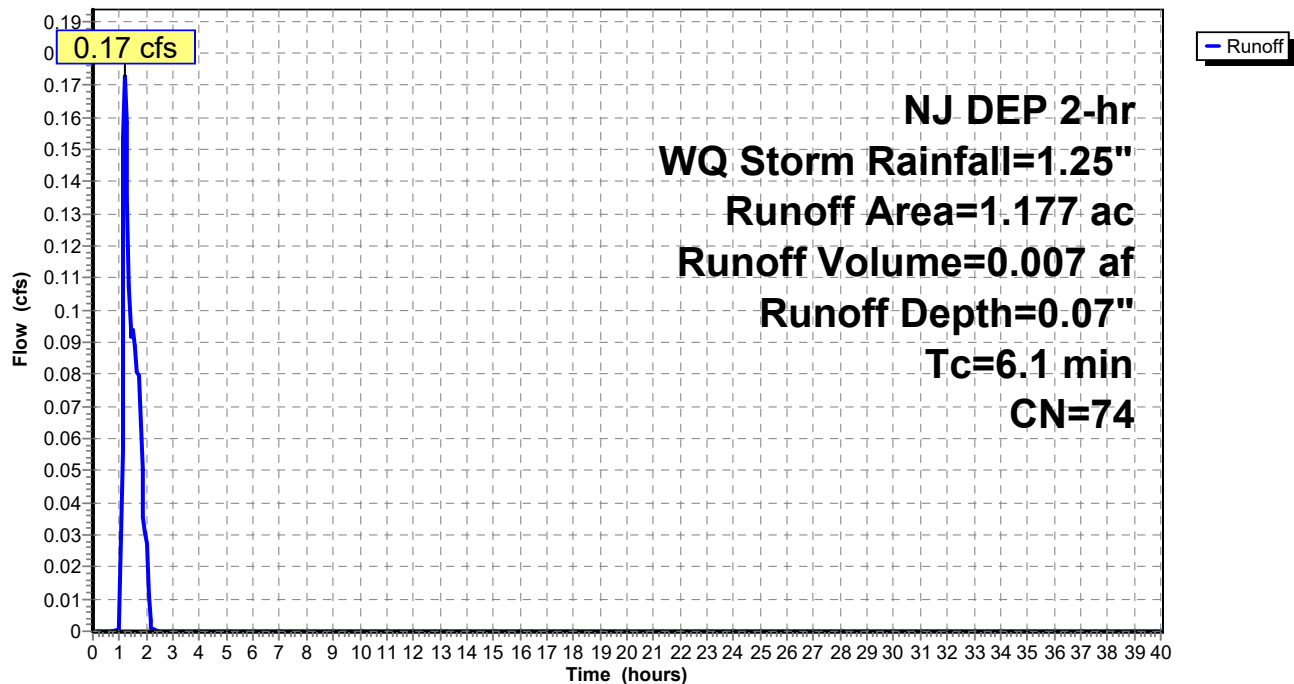
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.177	74	>75% Grass cover, Good, HSG C
1.177		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 49P: PDA-49 (pervious)

Hydrograph



Hydrograph for Subcatchment 49P: PDA-49 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.06	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.15	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.17	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.16	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.13	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.11	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.09	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.09	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.09	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.09	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.08	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.08	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.08	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.08	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.08	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.05	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.04	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.03	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.03	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.01	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment 50I: PDA-50 (impervious)

Runoff = 1.99 cfs @ 1.05 hrs, Volume= 0.057 af, Depth= 1.03"
Routed to Pond B-50 : Basin #50

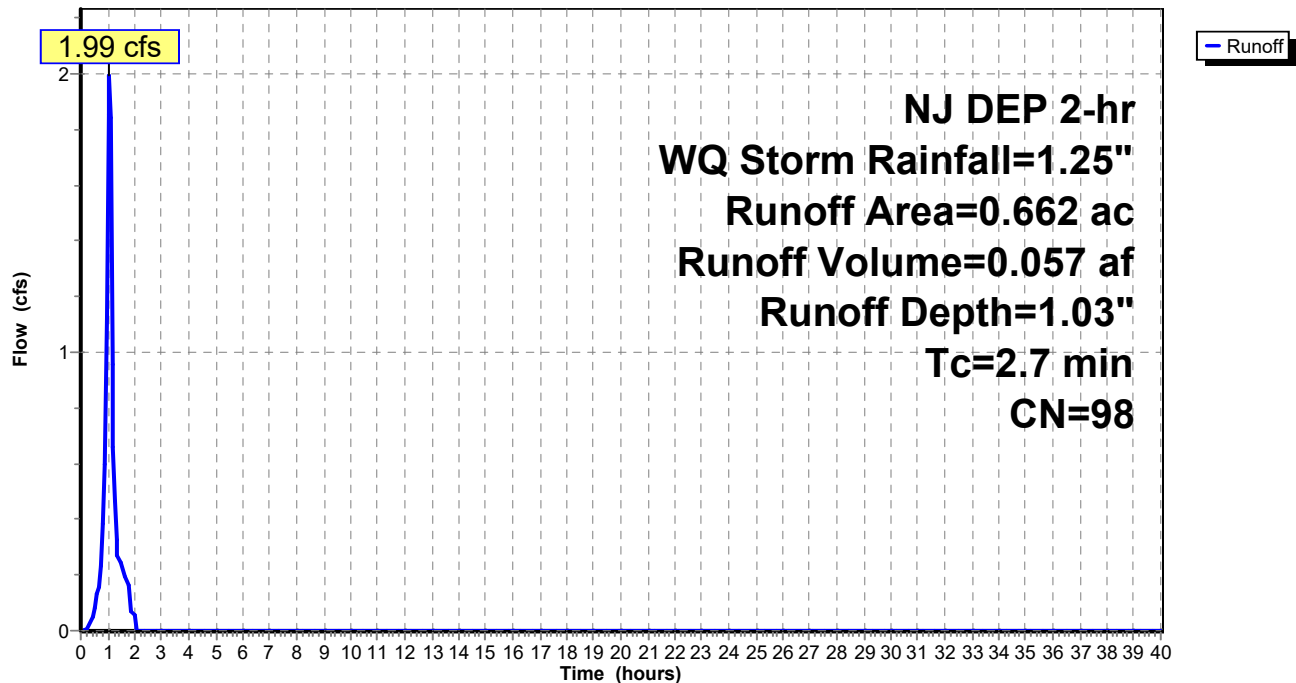
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
* 0.291	98	Pavement, HSG C
* 0.325	98	Roof, HSG C
* 0.046	98	Concrete, HSG C
0.662	98	Weighted Average
0.662		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7					Direct Entry,

Subcatchment 50I: PDA-50 (impervious)

Hydrograph



Hydrograph for Subcatchment 50I: PDA-50 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	1.03	0.00
0.05	0.00	0.00	0.00	2.65	1.25	1.03	0.00
0.10	0.01	0.00	0.00	2.70	1.25	1.03	0.00
0.15	0.01	0.00	0.00	2.75	1.25	1.03	0.00
0.20	0.02	0.00	0.00	2.80	1.25	1.03	0.00
0.25	0.03	0.00	0.00	2.85	1.25	1.03	0.00
0.30	0.04	0.00	0.00	2.90	1.25	1.03	0.00
0.35	0.06	0.00	0.01	2.95	1.25	1.03	0.00
0.40	0.07	0.00	0.03	3.00	1.25	1.03	0.00
0.45	0.09	0.01	0.05	3.05	1.25	1.03	0.00
0.50	0.10	0.01	0.07	3.10	1.25	1.03	0.00
0.55	0.12	0.02	0.10	3.15	1.25	1.03	0.00
0.60	0.14	0.03	0.13	3.20	1.25	1.03	0.00
0.65	0.16	0.04	0.15	3.25	1.25	1.03	0.00
0.70	0.18	0.06	0.16	3.30	1.25	1.03	0.00
0.75	0.20	0.07	0.18	3.35	1.25	1.03	0.00
0.80	0.23	0.09	0.28	3.40	1.25	1.03	0.00
0.85	0.28	0.13	0.38	3.45	1.25	1.03	0.00
0.90	0.34	0.18	0.60	3.50	1.25	1.03	0.00
0.95	0.46	0.29	1.13	3.55	1.25	1.03	0.00
1.00	0.63	0.43	1.86	3.60	1.25	1.03	0.00
1.05	0.79	0.58	1.99	3.65	1.25	1.03	0.00
1.10	0.91	0.71	1.85	3.70	1.25	1.03	0.00
1.15	0.97	0.76	0.96	3.75	1.25	1.03	0.00
1.20	1.02	0.81	0.66	3.80	1.25	1.03	0.00
1.25	1.05	0.84	0.47	3.85	1.25	1.03	0.00
1.30	1.07	0.86	0.33	3.90	1.25	1.03	0.00
1.35	1.09	0.88	0.27	3.95	1.25	1.03	0.00
1.40	1.11	0.90	0.26	4.00	1.25	1.03	0.00
1.45	1.13	0.92	0.26	4.05	1.25	1.03	0.00
1.50	1.15	0.94	0.26	4.10	1.25	1.03	0.00
1.55	1.17	0.95	0.22	4.15	1.25	1.03	0.00
1.60	1.18	0.97	0.20	4.20	1.25	1.03	0.00
1.65	1.20	0.98	0.20	4.25	1.25	1.03	0.00
1.70	1.21	1.00	0.20	4.30	1.25	1.03	0.00
1.75	1.23	1.01	0.19	4.35	1.25	1.03	0.00
1.80	1.23	1.02	0.11	4.40	1.25	1.03	0.00
1.85	1.24	1.02	0.07	4.45	1.25	1.03	0.00
1.90	1.24	1.02	0.07	4.50	1.25	1.03	0.00
1.95	1.25	1.03	0.07	4.55	1.25	1.03	0.00
2.00	1.25	1.03	0.06	4.60	1.25	1.03	0.00
2.05	1.25	1.03	0.02	4.65	1.25	1.03	0.00
2.10	1.25	1.03	0.00	4.70	1.25	1.03	0.00
2.15	1.25	1.03	0.00	4.75	1.25	1.03	0.00
2.20	1.25	1.03	0.00	4.80	1.25	1.03	0.00
2.25	1.25	1.03	0.00	4.85	1.25	1.03	0.00
2.30	1.25	1.03	0.00	4.90	1.25	1.03	0.00
2.35	1.25	1.03	0.00	4.95	1.25	1.03	0.00
2.40	1.25	1.03	0.00	5.00	1.25	1.03	0.00
2.45	1.25	1.03	0.00	5.05	1.25	1.03	0.00
2.50	1.25	1.03	0.00	5.10	1.25	1.03	0.00
2.55	1.25	1.03	0.00	5.15	1.25	1.03	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	1.03	0.00	7.80	1.25	1.03	0.00
5.25	1.25	1.03	0.00	7.85	1.25	1.03	0.00
5.30	1.25	1.03	0.00	7.90	1.25	1.03	0.00
5.35	1.25	1.03	0.00	7.95	1.25	1.03	0.00
5.40	1.25	1.03	0.00	8.00	1.25	1.03	0.00
5.45	1.25	1.03	0.00	8.05	1.25	1.03	0.00
5.50	1.25	1.03	0.00	8.10	1.25	1.03	0.00
5.55	1.25	1.03	0.00	8.15	1.25	1.03	0.00
5.60	1.25	1.03	0.00	8.20	1.25	1.03	0.00
5.65	1.25	1.03	0.00	8.25	1.25	1.03	0.00
5.70	1.25	1.03	0.00	8.30	1.25	1.03	0.00
5.75	1.25	1.03	0.00	8.35	1.25	1.03	0.00
5.80	1.25	1.03	0.00	8.40	1.25	1.03	0.00
5.85	1.25	1.03	0.00	8.45	1.25	1.03	0.00
5.90	1.25	1.03	0.00	8.50	1.25	1.03	0.00
5.95	1.25	1.03	0.00	8.55	1.25	1.03	0.00
6.00	1.25	1.03	0.00	8.60	1.25	1.03	0.00
6.05	1.25	1.03	0.00	8.65	1.25	1.03	0.00
6.10	1.25	1.03	0.00	8.70	1.25	1.03	0.00
6.15	1.25	1.03	0.00	8.75	1.25	1.03	0.00
6.20	1.25	1.03	0.00	8.80	1.25	1.03	0.00
6.25	1.25	1.03	0.00	8.85	1.25	1.03	0.00
6.30	1.25	1.03	0.00	8.90	1.25	1.03	0.00
6.35	1.25	1.03	0.00	8.95	1.25	1.03	0.00
6.40	1.25	1.03	0.00	9.00	1.25	1.03	0.00
6.45	1.25	1.03	0.00	9.05	1.25	1.03	0.00
6.50	1.25	1.03	0.00	9.10	1.25	1.03	0.00
6.55	1.25	1.03	0.00	9.15	1.25	1.03	0.00
6.60	1.25	1.03	0.00	9.20	1.25	1.03	0.00
6.65	1.25	1.03	0.00	9.25	1.25	1.03	0.00
6.70	1.25	1.03	0.00	9.30	1.25	1.03	0.00
6.75	1.25	1.03	0.00	9.35	1.25	1.03	0.00
6.80	1.25	1.03	0.00	9.40	1.25	1.03	0.00
6.85	1.25	1.03	0.00	9.45	1.25	1.03	0.00
6.90	1.25	1.03	0.00	9.50	1.25	1.03	0.00
6.95	1.25	1.03	0.00	9.55	1.25	1.03	0.00
7.00	1.25	1.03	0.00	9.60	1.25	1.03	0.00
7.05	1.25	1.03	0.00	9.65	1.25	1.03	0.00
7.10	1.25	1.03	0.00	9.70	1.25	1.03	0.00
7.15	1.25	1.03	0.00	9.75	1.25	1.03	0.00
7.20	1.25	1.03	0.00	9.80	1.25	1.03	0.00
7.25	1.25	1.03	0.00	9.85	1.25	1.03	0.00
7.30	1.25	1.03	0.00	9.90	1.25	1.03	0.00
7.35	1.25	1.03	0.00	9.95	1.25	1.03	0.00
7.40	1.25	1.03	0.00	10.00	1.25	1.03	0.00
7.45	1.25	1.03	0.00	10.05	1.25	1.03	0.00
7.50	1.25	1.03	0.00	10.10	1.25	1.03	0.00
7.55	1.25	1.03	0.00	10.15	1.25	1.03	0.00
7.60	1.25	1.03	0.00	10.20	1.25	1.03	0.00
7.65	1.25	1.03	0.00	10.25	1.25	1.03	0.00
7.70	1.25	1.03	0.00	10.30	1.25	1.03	0.00
7.75	1.25	1.03	0.00	10.35	1.25	1.03	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	1.03	0.00	13.00	1.25	1.03	0.00
10.45	1.25	1.03	0.00	13.05	1.25	1.03	0.00
10.50	1.25	1.03	0.00	13.10	1.25	1.03	0.00
10.55	1.25	1.03	0.00	13.15	1.25	1.03	0.00
10.60	1.25	1.03	0.00	13.20	1.25	1.03	0.00
10.65	1.25	1.03	0.00	13.25	1.25	1.03	0.00
10.70	1.25	1.03	0.00	13.30	1.25	1.03	0.00
10.75	1.25	1.03	0.00	13.35	1.25	1.03	0.00
10.80	1.25	1.03	0.00	13.40	1.25	1.03	0.00
10.85	1.25	1.03	0.00	13.45	1.25	1.03	0.00
10.90	1.25	1.03	0.00	13.50	1.25	1.03	0.00
10.95	1.25	1.03	0.00	13.55	1.25	1.03	0.00
11.00	1.25	1.03	0.00	13.60	1.25	1.03	0.00
11.05	1.25	1.03	0.00	13.65	1.25	1.03	0.00
11.10	1.25	1.03	0.00	13.70	1.25	1.03	0.00
11.15	1.25	1.03	0.00	13.75	1.25	1.03	0.00
11.20	1.25	1.03	0.00	13.80	1.25	1.03	0.00
11.25	1.25	1.03	0.00	13.85	1.25	1.03	0.00
11.30	1.25	1.03	0.00	13.90	1.25	1.03	0.00
11.35	1.25	1.03	0.00	13.95	1.25	1.03	0.00
11.40	1.25	1.03	0.00	14.00	1.25	1.03	0.00
11.45	1.25	1.03	0.00	14.05	1.25	1.03	0.00
11.50	1.25	1.03	0.00	14.10	1.25	1.03	0.00
11.55	1.25	1.03	0.00	14.15	1.25	1.03	0.00
11.60	1.25	1.03	0.00	14.20	1.25	1.03	0.00
11.65	1.25	1.03	0.00	14.25	1.25	1.03	0.00
11.70	1.25	1.03	0.00	14.30	1.25	1.03	0.00
11.75	1.25	1.03	0.00	14.35	1.25	1.03	0.00
11.80	1.25	1.03	0.00	14.40	1.25	1.03	0.00
11.85	1.25	1.03	0.00	14.45	1.25	1.03	0.00
11.90	1.25	1.03	0.00	14.50	1.25	1.03	0.00
11.95	1.25	1.03	0.00	14.55	1.25	1.03	0.00
12.00	1.25	1.03	0.00	14.60	1.25	1.03	0.00
12.05	1.25	1.03	0.00	14.65	1.25	1.03	0.00
12.10	1.25	1.03	0.00	14.70	1.25	1.03	0.00
12.15	1.25	1.03	0.00	14.75	1.25	1.03	0.00
12.20	1.25	1.03	0.00	14.80	1.25	1.03	0.00
12.25	1.25	1.03	0.00	14.85	1.25	1.03	0.00
12.30	1.25	1.03	0.00	14.90	1.25	1.03	0.00
12.35	1.25	1.03	0.00	14.95	1.25	1.03	0.00
12.40	1.25	1.03	0.00	15.00	1.25	1.03	0.00
12.45	1.25	1.03	0.00	15.05	1.25	1.03	0.00
12.50	1.25	1.03	0.00	15.10	1.25	1.03	0.00
12.55	1.25	1.03	0.00	15.15	1.25	1.03	0.00
12.60	1.25	1.03	0.00	15.20	1.25	1.03	0.00
12.65	1.25	1.03	0.00	15.25	1.25	1.03	0.00
12.70	1.25	1.03	0.00	15.30	1.25	1.03	0.00
12.75	1.25	1.03	0.00	15.35	1.25	1.03	0.00
12.80	1.25	1.03	0.00	15.40	1.25	1.03	0.00
12.85	1.25	1.03	0.00	15.45	1.25	1.03	0.00
12.90	1.25	1.03	0.00	15.50	1.25	1.03	0.00
12.95	1.25	1.03	0.00	15.55	1.25	1.03	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	1.03	0.00	18.20	1.25	1.03	0.00
15.65	1.25	1.03	0.00	18.25	1.25	1.03	0.00
15.70	1.25	1.03	0.00	18.30	1.25	1.03	0.00
15.75	1.25	1.03	0.00	18.35	1.25	1.03	0.00
15.80	1.25	1.03	0.00	18.40	1.25	1.03	0.00
15.85	1.25	1.03	0.00	18.45	1.25	1.03	0.00
15.90	1.25	1.03	0.00	18.50	1.25	1.03	0.00
15.95	1.25	1.03	0.00	18.55	1.25	1.03	0.00
16.00	1.25	1.03	0.00	18.60	1.25	1.03	0.00
16.05	1.25	1.03	0.00	18.65	1.25	1.03	0.00
16.10	1.25	1.03	0.00	18.70	1.25	1.03	0.00
16.15	1.25	1.03	0.00	18.75	1.25	1.03	0.00
16.20	1.25	1.03	0.00	18.80	1.25	1.03	0.00
16.25	1.25	1.03	0.00	18.85	1.25	1.03	0.00
16.30	1.25	1.03	0.00	18.90	1.25	1.03	0.00
16.35	1.25	1.03	0.00	18.95	1.25	1.03	0.00
16.40	1.25	1.03	0.00	19.00	1.25	1.03	0.00
16.45	1.25	1.03	0.00	19.05	1.25	1.03	0.00
16.50	1.25	1.03	0.00	19.10	1.25	1.03	0.00
16.55	1.25	1.03	0.00	19.15	1.25	1.03	0.00
16.60	1.25	1.03	0.00	19.20	1.25	1.03	0.00
16.65	1.25	1.03	0.00	19.25	1.25	1.03	0.00
16.70	1.25	1.03	0.00	19.30	1.25	1.03	0.00
16.75	1.25	1.03	0.00	19.35	1.25	1.03	0.00
16.80	1.25	1.03	0.00	19.40	1.25	1.03	0.00
16.85	1.25	1.03	0.00	19.45	1.25	1.03	0.00
16.90	1.25	1.03	0.00	19.50	1.25	1.03	0.00
16.95	1.25	1.03	0.00	19.55	1.25	1.03	0.00
17.00	1.25	1.03	0.00	19.60	1.25	1.03	0.00
17.05	1.25	1.03	0.00	19.65	1.25	1.03	0.00
17.10	1.25	1.03	0.00	19.70	1.25	1.03	0.00
17.15	1.25	1.03	0.00	19.75	1.25	1.03	0.00
17.20	1.25	1.03	0.00	19.80	1.25	1.03	0.00
17.25	1.25	1.03	0.00	19.85	1.25	1.03	0.00
17.30	1.25	1.03	0.00	19.90	1.25	1.03	0.00
17.35	1.25	1.03	0.00	19.95	1.25	1.03	0.00
17.40	1.25	1.03	0.00	20.00	1.25	1.03	0.00
17.45	1.25	1.03	0.00	20.05	1.25	1.03	0.00
17.50	1.25	1.03	0.00	20.10	1.25	1.03	0.00
17.55	1.25	1.03	0.00	20.15	1.25	1.03	0.00
17.60	1.25	1.03	0.00	20.20	1.25	1.03	0.00
17.65	1.25	1.03	0.00	20.25	1.25	1.03	0.00
17.70	1.25	1.03	0.00	20.30	1.25	1.03	0.00
17.75	1.25	1.03	0.00	20.35	1.25	1.03	0.00
17.80	1.25	1.03	0.00	20.40	1.25	1.03	0.00
17.85	1.25	1.03	0.00	20.45	1.25	1.03	0.00
17.90	1.25	1.03	0.00	20.50	1.25	1.03	0.00
17.95	1.25	1.03	0.00	20.55	1.25	1.03	0.00
18.00	1.25	1.03	0.00	20.60	1.25	1.03	0.00
18.05	1.25	1.03	0.00	20.65	1.25	1.03	0.00
18.10	1.25	1.03	0.00	20.70	1.25	1.03	0.00
18.15	1.25	1.03	0.00	20.75	1.25	1.03	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	1.03	0.00	23.40	1.25	1.03	0.00
20.85	1.25	1.03	0.00	23.45	1.25	1.03	0.00
20.90	1.25	1.03	0.00	23.50	1.25	1.03	0.00
20.95	1.25	1.03	0.00	23.55	1.25	1.03	0.00
21.00	1.25	1.03	0.00	23.60	1.25	1.03	0.00
21.05	1.25	1.03	0.00	23.65	1.25	1.03	0.00
21.10	1.25	1.03	0.00	23.70	1.25	1.03	0.00
21.15	1.25	1.03	0.00	23.75	1.25	1.03	0.00
21.20	1.25	1.03	0.00	23.80	1.25	1.03	0.00
21.25	1.25	1.03	0.00	23.85	1.25	1.03	0.00
21.30	1.25	1.03	0.00	23.90	1.25	1.03	0.00
21.35	1.25	1.03	0.00	23.95	1.25	1.03	0.00
21.40	1.25	1.03	0.00	24.00	1.25	1.03	0.00
21.45	1.25	1.03	0.00	24.05	1.25	1.03	0.00
21.50	1.25	1.03	0.00	24.10	1.25	1.03	0.00
21.55	1.25	1.03	0.00	24.15	1.25	1.03	0.00
21.60	1.25	1.03	0.00	24.20	1.25	1.03	0.00
21.65	1.25	1.03	0.00	24.25	1.25	1.03	0.00
21.70	1.25	1.03	0.00	24.30	1.25	1.03	0.00
21.75	1.25	1.03	0.00	24.35	1.25	1.03	0.00
21.80	1.25	1.03	0.00	24.40	1.25	1.03	0.00
21.85	1.25	1.03	0.00	24.45	1.25	1.03	0.00
21.90	1.25	1.03	0.00	24.50	1.25	1.03	0.00
21.95	1.25	1.03	0.00	24.55	1.25	1.03	0.00
22.00	1.25	1.03	0.00	24.60	1.25	1.03	0.00
22.05	1.25	1.03	0.00	24.65	1.25	1.03	0.00
22.10	1.25	1.03	0.00	24.70	1.25	1.03	0.00
22.15	1.25	1.03	0.00	24.75	1.25	1.03	0.00
22.20	1.25	1.03	0.00	24.80	1.25	1.03	0.00
22.25	1.25	1.03	0.00	24.85	1.25	1.03	0.00
22.30	1.25	1.03	0.00	24.90	1.25	1.03	0.00
22.35	1.25	1.03	0.00	24.95	1.25	1.03	0.00
22.40	1.25	1.03	0.00	25.00	1.25	1.03	0.00
22.45	1.25	1.03	0.00	25.05	1.25	1.03	0.00
22.50	1.25	1.03	0.00	25.10	1.25	1.03	0.00
22.55	1.25	1.03	0.00	25.15	1.25	1.03	0.00
22.60	1.25	1.03	0.00	25.20	1.25	1.03	0.00
22.65	1.25	1.03	0.00	25.25	1.25	1.03	0.00
22.70	1.25	1.03	0.00	25.30	1.25	1.03	0.00
22.75	1.25	1.03	0.00	25.35	1.25	1.03	0.00
22.80	1.25	1.03	0.00	25.40	1.25	1.03	0.00
22.85	1.25	1.03	0.00	25.45	1.25	1.03	0.00
22.90	1.25	1.03	0.00	25.50	1.25	1.03	0.00
22.95	1.25	1.03	0.00	25.55	1.25	1.03	0.00
23.00	1.25	1.03	0.00	25.60	1.25	1.03	0.00
23.05	1.25	1.03	0.00	25.65	1.25	1.03	0.00
23.10	1.25	1.03	0.00	25.70	1.25	1.03	0.00
23.15	1.25	1.03	0.00	25.75	1.25	1.03	0.00
23.20	1.25	1.03	0.00	25.80	1.25	1.03	0.00
23.25	1.25	1.03	0.00	25.85	1.25	1.03	0.00
23.30	1.25	1.03	0.00	25.90	1.25	1.03	0.00
23.35	1.25	1.03	0.00	25.95	1.25	1.03	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	1.03	0.00	28.60	1.25	1.03	0.00
26.05	1.25	1.03	0.00	28.65	1.25	1.03	0.00
26.10	1.25	1.03	0.00	28.70	1.25	1.03	0.00
26.15	1.25	1.03	0.00	28.75	1.25	1.03	0.00
26.20	1.25	1.03	0.00	28.80	1.25	1.03	0.00
26.25	1.25	1.03	0.00	28.85	1.25	1.03	0.00
26.30	1.25	1.03	0.00	28.90	1.25	1.03	0.00
26.35	1.25	1.03	0.00	28.95	1.25	1.03	0.00
26.40	1.25	1.03	0.00	29.00	1.25	1.03	0.00
26.45	1.25	1.03	0.00	29.05	1.25	1.03	0.00
26.50	1.25	1.03	0.00	29.10	1.25	1.03	0.00
26.55	1.25	1.03	0.00	29.15	1.25	1.03	0.00
26.60	1.25	1.03	0.00	29.20	1.25	1.03	0.00
26.65	1.25	1.03	0.00	29.25	1.25	1.03	0.00
26.70	1.25	1.03	0.00	29.30	1.25	1.03	0.00
26.75	1.25	1.03	0.00	29.35	1.25	1.03	0.00
26.80	1.25	1.03	0.00	29.40	1.25	1.03	0.00
26.85	1.25	1.03	0.00	29.45	1.25	1.03	0.00
26.90	1.25	1.03	0.00	29.50	1.25	1.03	0.00
26.95	1.25	1.03	0.00	29.55	1.25	1.03	0.00
27.00	1.25	1.03	0.00	29.60	1.25	1.03	0.00
27.05	1.25	1.03	0.00	29.65	1.25	1.03	0.00
27.10	1.25	1.03	0.00	29.70	1.25	1.03	0.00
27.15	1.25	1.03	0.00	29.75	1.25	1.03	0.00
27.20	1.25	1.03	0.00	29.80	1.25	1.03	0.00
27.25	1.25	1.03	0.00	29.85	1.25	1.03	0.00
27.30	1.25	1.03	0.00	29.90	1.25	1.03	0.00
27.35	1.25	1.03	0.00	29.95	1.25	1.03	0.00
27.40	1.25	1.03	0.00	30.00	1.25	1.03	0.00
27.45	1.25	1.03	0.00	30.05	1.25	1.03	0.00
27.50	1.25	1.03	0.00	30.10	1.25	1.03	0.00
27.55	1.25	1.03	0.00	30.15	1.25	1.03	0.00
27.60	1.25	1.03	0.00	30.20	1.25	1.03	0.00
27.65	1.25	1.03	0.00	30.25	1.25	1.03	0.00
27.70	1.25	1.03	0.00	30.30	1.25	1.03	0.00
27.75	1.25	1.03	0.00	30.35	1.25	1.03	0.00
27.80	1.25	1.03	0.00	30.40	1.25	1.03	0.00
27.85	1.25	1.03	0.00	30.45	1.25	1.03	0.00
27.90	1.25	1.03	0.00	30.50	1.25	1.03	0.00
27.95	1.25	1.03	0.00	30.55	1.25	1.03	0.00
28.00	1.25	1.03	0.00	30.60	1.25	1.03	0.00
28.05	1.25	1.03	0.00	30.65	1.25	1.03	0.00
28.10	1.25	1.03	0.00	30.70	1.25	1.03	0.00
28.15	1.25	1.03	0.00	30.75	1.25	1.03	0.00
28.20	1.25	1.03	0.00	30.80	1.25	1.03	0.00
28.25	1.25	1.03	0.00	30.85	1.25	1.03	0.00
28.30	1.25	1.03	0.00	30.90	1.25	1.03	0.00
28.35	1.25	1.03	0.00	30.95	1.25	1.03	0.00
28.40	1.25	1.03	0.00	31.00	1.25	1.03	0.00
28.45	1.25	1.03	0.00	31.05	1.25	1.03	0.00
28.50	1.25	1.03	0.00	31.10	1.25	1.03	0.00
28.55	1.25	1.03	0.00	31.15	1.25	1.03	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	1.03	0.00	33.80	1.25	1.03	0.00
31.25	1.25	1.03	0.00	33.85	1.25	1.03	0.00
31.30	1.25	1.03	0.00	33.90	1.25	1.03	0.00
31.35	1.25	1.03	0.00	33.95	1.25	1.03	0.00
31.40	1.25	1.03	0.00	34.00	1.25	1.03	0.00
31.45	1.25	1.03	0.00	34.05	1.25	1.03	0.00
31.50	1.25	1.03	0.00	34.10	1.25	1.03	0.00
31.55	1.25	1.03	0.00	34.15	1.25	1.03	0.00
31.60	1.25	1.03	0.00	34.20	1.25	1.03	0.00
31.65	1.25	1.03	0.00	34.25	1.25	1.03	0.00
31.70	1.25	1.03	0.00	34.30	1.25	1.03	0.00
31.75	1.25	1.03	0.00	34.35	1.25	1.03	0.00
31.80	1.25	1.03	0.00	34.40	1.25	1.03	0.00
31.85	1.25	1.03	0.00	34.45	1.25	1.03	0.00
31.90	1.25	1.03	0.00	34.50	1.25	1.03	0.00
31.95	1.25	1.03	0.00	34.55	1.25	1.03	0.00
32.00	1.25	1.03	0.00	34.60	1.25	1.03	0.00
32.05	1.25	1.03	0.00	34.65	1.25	1.03	0.00
32.10	1.25	1.03	0.00	34.70	1.25	1.03	0.00
32.15	1.25	1.03	0.00	34.75	1.25	1.03	0.00
32.20	1.25	1.03	0.00	34.80	1.25	1.03	0.00
32.25	1.25	1.03	0.00	34.85	1.25	1.03	0.00
32.30	1.25	1.03	0.00	34.90	1.25	1.03	0.00
32.35	1.25	1.03	0.00	34.95	1.25	1.03	0.00
32.40	1.25	1.03	0.00	35.00	1.25	1.03	0.00
32.45	1.25	1.03	0.00	35.05	1.25	1.03	0.00
32.50	1.25	1.03	0.00	35.10	1.25	1.03	0.00
32.55	1.25	1.03	0.00	35.15	1.25	1.03	0.00
32.60	1.25	1.03	0.00	35.20	1.25	1.03	0.00
32.65	1.25	1.03	0.00	35.25	1.25	1.03	0.00
32.70	1.25	1.03	0.00	35.30	1.25	1.03	0.00
32.75	1.25	1.03	0.00	35.35	1.25	1.03	0.00
32.80	1.25	1.03	0.00	35.40	1.25	1.03	0.00
32.85	1.25	1.03	0.00	35.45	1.25	1.03	0.00
32.90	1.25	1.03	0.00	35.50	1.25	1.03	0.00
32.95	1.25	1.03	0.00	35.55	1.25	1.03	0.00
33.00	1.25	1.03	0.00	35.60	1.25	1.03	0.00
33.05	1.25	1.03	0.00	35.65	1.25	1.03	0.00
33.10	1.25	1.03	0.00	35.70	1.25	1.03	0.00
33.15	1.25	1.03	0.00	35.75	1.25	1.03	0.00
33.20	1.25	1.03	0.00	35.80	1.25	1.03	0.00
33.25	1.25	1.03	0.00	35.85	1.25	1.03	0.00
33.30	1.25	1.03	0.00	35.90	1.25	1.03	0.00
33.35	1.25	1.03	0.00	35.95	1.25	1.03	0.00
33.40	1.25	1.03	0.00	36.00	1.25	1.03	0.00
33.45	1.25	1.03	0.00	36.05	1.25	1.03	0.00
33.50	1.25	1.03	0.00	36.10	1.25	1.03	0.00
33.55	1.25	1.03	0.00	36.15	1.25	1.03	0.00
33.60	1.25	1.03	0.00	36.20	1.25	1.03	0.00
33.65	1.25	1.03	0.00	36.25	1.25	1.03	0.00
33.70	1.25	1.03	0.00	36.30	1.25	1.03	0.00
33.75	1.25	1.03	0.00	36.35	1.25	1.03	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	1.03	0.00	39.00	1.25	1.03	0.00
36.45	1.25	1.03	0.00	39.05	1.25	1.03	0.00
36.50	1.25	1.03	0.00	39.10	1.25	1.03	0.00
36.55	1.25	1.03	0.00	39.15	1.25	1.03	0.00
36.60	1.25	1.03	0.00	39.20	1.25	1.03	0.00
36.65	1.25	1.03	0.00	39.25	1.25	1.03	0.00
36.70	1.25	1.03	0.00	39.30	1.25	1.03	0.00
36.75	1.25	1.03	0.00	39.35	1.25	1.03	0.00
36.80	1.25	1.03	0.00	39.40	1.25	1.03	0.00
36.85	1.25	1.03	0.00	39.45	1.25	1.03	0.00
36.90	1.25	1.03	0.00	39.50	1.25	1.03	0.00
36.95	1.25	1.03	0.00	39.55	1.25	1.03	0.00
37.00	1.25	1.03	0.00	39.60	1.25	1.03	0.00
37.05	1.25	1.03	0.00	39.65	1.25	1.03	0.00
37.10	1.25	1.03	0.00	39.70	1.25	1.03	0.00
37.15	1.25	1.03	0.00	39.75	1.25	1.03	0.00
37.20	1.25	1.03	0.00	39.80	1.25	1.03	0.00
37.25	1.25	1.03	0.00	39.85	1.25	1.03	0.00
37.30	1.25	1.03	0.00	39.90	1.25	1.03	0.00
37.35	1.25	1.03	0.00	39.95	1.25	1.03	0.00
37.40	1.25	1.03	0.00	40.00	1.25	1.03	0.00
37.45	1.25	1.03	0.00				
37.50	1.25	1.03	0.00				
37.55	1.25	1.03	0.00				
37.60	1.25	1.03	0.00				
37.65	1.25	1.03	0.00				
37.70	1.25	1.03	0.00				
37.75	1.25	1.03	0.00				
37.80	1.25	1.03	0.00				
37.85	1.25	1.03	0.00				
37.90	1.25	1.03	0.00				
37.95	1.25	1.03	0.00				
38.00	1.25	1.03	0.00				
38.05	1.25	1.03	0.00				
38.10	1.25	1.03	0.00				
38.15	1.25	1.03	0.00				
38.20	1.25	1.03	0.00				
38.25	1.25	1.03	0.00				
38.30	1.25	1.03	0.00				
38.35	1.25	1.03	0.00				
38.40	1.25	1.03	0.00				
38.45	1.25	1.03	0.00				
38.50	1.25	1.03	0.00				
38.55	1.25	1.03	0.00				
38.60	1.25	1.03	0.00				
38.65	1.25	1.03	0.00				
38.70	1.25	1.03	0.00				
38.75	1.25	1.03	0.00				
38.80	1.25	1.03	0.00				
38.85	1.25	1.03	0.00				
38.90	1.25	1.03	0.00				
38.95	1.25	1.03	0.00				

Summary for Subcatchment 50P: PDA-50 (pervious)

Runoff = 0.24 cfs @ 1.20 hrs, Volume= 0.010 af, Depth= 0.07"
Routed to Pond B-50 : Basin #50

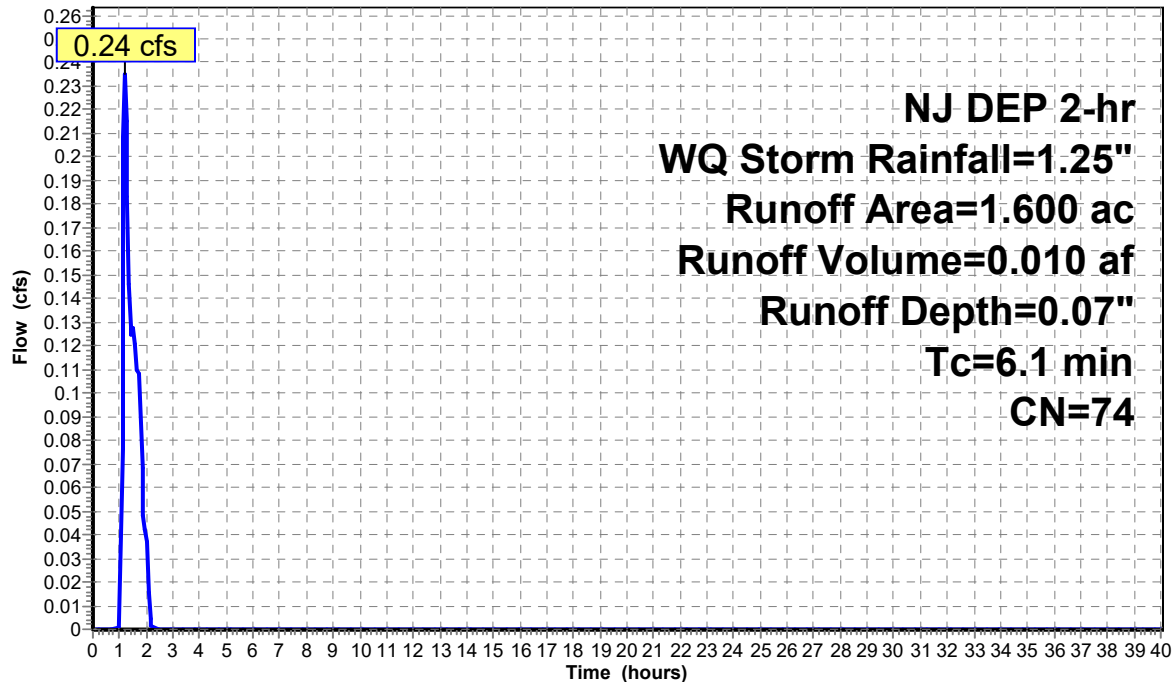
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
1.600	74	>75% Grass cover, Good, HSG C
1.600		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 50P: PDA-50 (pervious)

Hydrograph



Hydrograph for Subcatchment 50P: PDA-50 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.08	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.21	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.24	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.21	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.18	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.15	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.13	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.12	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.13	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.13	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.12	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.11	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.11	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.11	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.10	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.07	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.05	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.04	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.04	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.03	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.02	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Subcatchment UPDA-5: PDA-5 (undetained)

Runoff = 0.09 cfs @ 1.24 hrs, Volume= 0.004 af, Depth= 0.07"

Routed to Link PDA-5 : Proposed Drainage Area #5

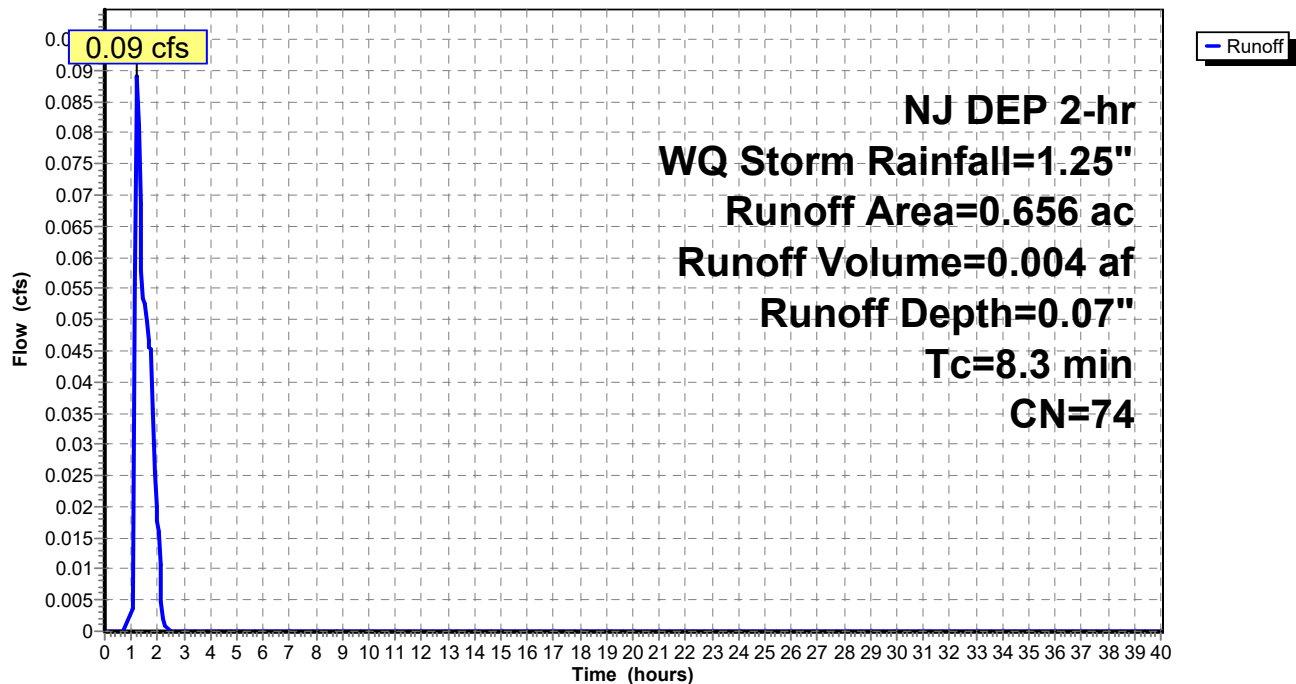
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
NJ DEP 2-hr WQ Storm Rainfall=1.25"

Area (ac)	CN	Description
0.656	74	>75% Grass cover, Good, HSG C
0.656		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.3					Direct Entry,

Subcatchment UPDA-5: PDA-5 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	1.25	0.07	0.00
0.05	0.00	0.00	0.00	2.65	1.25	0.07	0.00
0.10	0.01	0.00	0.00	2.70	1.25	0.07	0.00
0.15	0.01	0.00	0.00	2.75	1.25	0.07	0.00
0.20	0.02	0.00	0.00	2.80	1.25	0.07	0.00
0.25	0.03	0.00	0.00	2.85	1.25	0.07	0.00
0.30	0.04	0.00	0.00	2.90	1.25	0.07	0.00
0.35	0.06	0.00	0.00	2.95	1.25	0.07	0.00
0.40	0.07	0.00	0.00	3.00	1.25	0.07	0.00
0.45	0.09	0.00	0.00	3.05	1.25	0.07	0.00
0.50	0.10	0.00	0.00	3.10	1.25	0.07	0.00
0.55	0.12	0.00	0.00	3.15	1.25	0.07	0.00
0.60	0.14	0.00	0.00	3.20	1.25	0.07	0.00
0.65	0.16	0.00	0.00	3.25	1.25	0.07	0.00
0.70	0.18	0.00	0.00	3.30	1.25	0.07	0.00
0.75	0.20	0.00	0.00	3.35	1.25	0.07	0.00
0.80	0.23	0.00	0.00	3.40	1.25	0.07	0.00
0.85	0.28	0.00	0.00	3.45	1.25	0.07	0.00
0.90	0.34	0.00	0.00	3.50	1.25	0.07	0.00
0.95	0.46	0.00	0.00	3.55	1.25	0.07	0.00
1.00	0.63	0.00	0.00	3.60	1.25	0.07	0.00
1.05	0.79	0.00	0.00	3.65	1.25	0.07	0.00
1.10	0.91	0.01	0.01	3.70	1.25	0.07	0.00
1.15	0.97	0.02	0.06	3.75	1.25	0.07	0.00
1.20	1.02	0.03	0.09	3.80	1.25	0.07	0.00
1.25	1.05	0.03	0.09	3.85	1.25	0.07	0.00
1.30	1.07	0.03	0.08	3.90	1.25	0.07	0.00
1.35	1.09	0.04	0.07	3.95	1.25	0.07	0.00
1.40	1.11	0.04	0.06	4.00	1.25	0.07	0.00
1.45	1.13	0.05	0.05	4.05	1.25	0.07	0.00
1.50	1.15	0.05	0.05	4.10	1.25	0.07	0.00
1.55	1.17	0.05	0.05	4.15	1.25	0.07	0.00
1.60	1.18	0.06	0.05	4.20	1.25	0.07	0.00
1.65	1.20	0.06	0.05	4.25	1.25	0.07	0.00
1.70	1.21	0.06	0.05	4.30	1.25	0.07	0.00
1.75	1.23	0.07	0.05	4.35	1.25	0.07	0.00
1.80	1.23	0.07	0.04	4.40	1.25	0.07	0.00
1.85	1.24	0.07	0.04	4.45	1.25	0.07	0.00
1.90	1.24	0.07	0.03	4.50	1.25	0.07	0.00
1.95	1.25	0.07	0.02	4.55	1.25	0.07	0.00
2.00	1.25	0.07	0.02	4.60	1.25	0.07	0.00
2.05	1.25	0.07	0.02	4.65	1.25	0.07	0.00
2.10	1.25	0.07	0.01	4.70	1.25	0.07	0.00
2.15	1.25	0.07	0.00	4.75	1.25	0.07	0.00
2.20	1.25	0.07	0.00	4.80	1.25	0.07	0.00
2.25	1.25	0.07	0.00	4.85	1.25	0.07	0.00
2.30	1.25	0.07	0.00	4.90	1.25	0.07	0.00
2.35	1.25	0.07	0.00	4.95	1.25	0.07	0.00
2.40	1.25	0.07	0.00	5.00	1.25	0.07	0.00
2.45	1.25	0.07	0.00	5.05	1.25	0.07	0.00
2.50	1.25	0.07	0.00	5.10	1.25	0.07	0.00
2.55	1.25	0.07	0.00	5.15	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	1.25	0.07	0.00	7.80	1.25	0.07	0.00
5.25	1.25	0.07	0.00	7.85	1.25	0.07	0.00
5.30	1.25	0.07	0.00	7.90	1.25	0.07	0.00
5.35	1.25	0.07	0.00	7.95	1.25	0.07	0.00
5.40	1.25	0.07	0.00	8.00	1.25	0.07	0.00
5.45	1.25	0.07	0.00	8.05	1.25	0.07	0.00
5.50	1.25	0.07	0.00	8.10	1.25	0.07	0.00
5.55	1.25	0.07	0.00	8.15	1.25	0.07	0.00
5.60	1.25	0.07	0.00	8.20	1.25	0.07	0.00
5.65	1.25	0.07	0.00	8.25	1.25	0.07	0.00
5.70	1.25	0.07	0.00	8.30	1.25	0.07	0.00
5.75	1.25	0.07	0.00	8.35	1.25	0.07	0.00
5.80	1.25	0.07	0.00	8.40	1.25	0.07	0.00
5.85	1.25	0.07	0.00	8.45	1.25	0.07	0.00
5.90	1.25	0.07	0.00	8.50	1.25	0.07	0.00
5.95	1.25	0.07	0.00	8.55	1.25	0.07	0.00
6.00	1.25	0.07	0.00	8.60	1.25	0.07	0.00
6.05	1.25	0.07	0.00	8.65	1.25	0.07	0.00
6.10	1.25	0.07	0.00	8.70	1.25	0.07	0.00
6.15	1.25	0.07	0.00	8.75	1.25	0.07	0.00
6.20	1.25	0.07	0.00	8.80	1.25	0.07	0.00
6.25	1.25	0.07	0.00	8.85	1.25	0.07	0.00
6.30	1.25	0.07	0.00	8.90	1.25	0.07	0.00
6.35	1.25	0.07	0.00	8.95	1.25	0.07	0.00
6.40	1.25	0.07	0.00	9.00	1.25	0.07	0.00
6.45	1.25	0.07	0.00	9.05	1.25	0.07	0.00
6.50	1.25	0.07	0.00	9.10	1.25	0.07	0.00
6.55	1.25	0.07	0.00	9.15	1.25	0.07	0.00
6.60	1.25	0.07	0.00	9.20	1.25	0.07	0.00
6.65	1.25	0.07	0.00	9.25	1.25	0.07	0.00
6.70	1.25	0.07	0.00	9.30	1.25	0.07	0.00
6.75	1.25	0.07	0.00	9.35	1.25	0.07	0.00
6.80	1.25	0.07	0.00	9.40	1.25	0.07	0.00
6.85	1.25	0.07	0.00	9.45	1.25	0.07	0.00
6.90	1.25	0.07	0.00	9.50	1.25	0.07	0.00
6.95	1.25	0.07	0.00	9.55	1.25	0.07	0.00
7.00	1.25	0.07	0.00	9.60	1.25	0.07	0.00
7.05	1.25	0.07	0.00	9.65	1.25	0.07	0.00
7.10	1.25	0.07	0.00	9.70	1.25	0.07	0.00
7.15	1.25	0.07	0.00	9.75	1.25	0.07	0.00
7.20	1.25	0.07	0.00	9.80	1.25	0.07	0.00
7.25	1.25	0.07	0.00	9.85	1.25	0.07	0.00
7.30	1.25	0.07	0.00	9.90	1.25	0.07	0.00
7.35	1.25	0.07	0.00	9.95	1.25	0.07	0.00
7.40	1.25	0.07	0.00	10.00	1.25	0.07	0.00
7.45	1.25	0.07	0.00	10.05	1.25	0.07	0.00
7.50	1.25	0.07	0.00	10.10	1.25	0.07	0.00
7.55	1.25	0.07	0.00	10.15	1.25	0.07	0.00
7.60	1.25	0.07	0.00	10.20	1.25	0.07	0.00
7.65	1.25	0.07	0.00	10.25	1.25	0.07	0.00
7.70	1.25	0.07	0.00	10.30	1.25	0.07	0.00
7.75	1.25	0.07	0.00	10.35	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.25	0.07	0.00	13.00	1.25	0.07	0.00
10.45	1.25	0.07	0.00	13.05	1.25	0.07	0.00
10.50	1.25	0.07	0.00	13.10	1.25	0.07	0.00
10.55	1.25	0.07	0.00	13.15	1.25	0.07	0.00
10.60	1.25	0.07	0.00	13.20	1.25	0.07	0.00
10.65	1.25	0.07	0.00	13.25	1.25	0.07	0.00
10.70	1.25	0.07	0.00	13.30	1.25	0.07	0.00
10.75	1.25	0.07	0.00	13.35	1.25	0.07	0.00
10.80	1.25	0.07	0.00	13.40	1.25	0.07	0.00
10.85	1.25	0.07	0.00	13.45	1.25	0.07	0.00
10.90	1.25	0.07	0.00	13.50	1.25	0.07	0.00
10.95	1.25	0.07	0.00	13.55	1.25	0.07	0.00
11.00	1.25	0.07	0.00	13.60	1.25	0.07	0.00
11.05	1.25	0.07	0.00	13.65	1.25	0.07	0.00
11.10	1.25	0.07	0.00	13.70	1.25	0.07	0.00
11.15	1.25	0.07	0.00	13.75	1.25	0.07	0.00
11.20	1.25	0.07	0.00	13.80	1.25	0.07	0.00
11.25	1.25	0.07	0.00	13.85	1.25	0.07	0.00
11.30	1.25	0.07	0.00	13.90	1.25	0.07	0.00
11.35	1.25	0.07	0.00	13.95	1.25	0.07	0.00
11.40	1.25	0.07	0.00	14.00	1.25	0.07	0.00
11.45	1.25	0.07	0.00	14.05	1.25	0.07	0.00
11.50	1.25	0.07	0.00	14.10	1.25	0.07	0.00
11.55	1.25	0.07	0.00	14.15	1.25	0.07	0.00
11.60	1.25	0.07	0.00	14.20	1.25	0.07	0.00
11.65	1.25	0.07	0.00	14.25	1.25	0.07	0.00
11.70	1.25	0.07	0.00	14.30	1.25	0.07	0.00
11.75	1.25	0.07	0.00	14.35	1.25	0.07	0.00
11.80	1.25	0.07	0.00	14.40	1.25	0.07	0.00
11.85	1.25	0.07	0.00	14.45	1.25	0.07	0.00
11.90	1.25	0.07	0.00	14.50	1.25	0.07	0.00
11.95	1.25	0.07	0.00	14.55	1.25	0.07	0.00
12.00	1.25	0.07	0.00	14.60	1.25	0.07	0.00
12.05	1.25	0.07	0.00	14.65	1.25	0.07	0.00
12.10	1.25	0.07	0.00	14.70	1.25	0.07	0.00
12.15	1.25	0.07	0.00	14.75	1.25	0.07	0.00
12.20	1.25	0.07	0.00	14.80	1.25	0.07	0.00
12.25	1.25	0.07	0.00	14.85	1.25	0.07	0.00
12.30	1.25	0.07	0.00	14.90	1.25	0.07	0.00
12.35	1.25	0.07	0.00	14.95	1.25	0.07	0.00
12.40	1.25	0.07	0.00	15.00	1.25	0.07	0.00
12.45	1.25	0.07	0.00	15.05	1.25	0.07	0.00
12.50	1.25	0.07	0.00	15.10	1.25	0.07	0.00
12.55	1.25	0.07	0.00	15.15	1.25	0.07	0.00
12.60	1.25	0.07	0.00	15.20	1.25	0.07	0.00
12.65	1.25	0.07	0.00	15.25	1.25	0.07	0.00
12.70	1.25	0.07	0.00	15.30	1.25	0.07	0.00
12.75	1.25	0.07	0.00	15.35	1.25	0.07	0.00
12.80	1.25	0.07	0.00	15.40	1.25	0.07	0.00
12.85	1.25	0.07	0.00	15.45	1.25	0.07	0.00
12.90	1.25	0.07	0.00	15.50	1.25	0.07	0.00
12.95	1.25	0.07	0.00	15.55	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	1.25	0.07	0.00	18.20	1.25	0.07	0.00
15.65	1.25	0.07	0.00	18.25	1.25	0.07	0.00
15.70	1.25	0.07	0.00	18.30	1.25	0.07	0.00
15.75	1.25	0.07	0.00	18.35	1.25	0.07	0.00
15.80	1.25	0.07	0.00	18.40	1.25	0.07	0.00
15.85	1.25	0.07	0.00	18.45	1.25	0.07	0.00
15.90	1.25	0.07	0.00	18.50	1.25	0.07	0.00
15.95	1.25	0.07	0.00	18.55	1.25	0.07	0.00
16.00	1.25	0.07	0.00	18.60	1.25	0.07	0.00
16.05	1.25	0.07	0.00	18.65	1.25	0.07	0.00
16.10	1.25	0.07	0.00	18.70	1.25	0.07	0.00
16.15	1.25	0.07	0.00	18.75	1.25	0.07	0.00
16.20	1.25	0.07	0.00	18.80	1.25	0.07	0.00
16.25	1.25	0.07	0.00	18.85	1.25	0.07	0.00
16.30	1.25	0.07	0.00	18.90	1.25	0.07	0.00
16.35	1.25	0.07	0.00	18.95	1.25	0.07	0.00
16.40	1.25	0.07	0.00	19.00	1.25	0.07	0.00
16.45	1.25	0.07	0.00	19.05	1.25	0.07	0.00
16.50	1.25	0.07	0.00	19.10	1.25	0.07	0.00
16.55	1.25	0.07	0.00	19.15	1.25	0.07	0.00
16.60	1.25	0.07	0.00	19.20	1.25	0.07	0.00
16.65	1.25	0.07	0.00	19.25	1.25	0.07	0.00
16.70	1.25	0.07	0.00	19.30	1.25	0.07	0.00
16.75	1.25	0.07	0.00	19.35	1.25	0.07	0.00
16.80	1.25	0.07	0.00	19.40	1.25	0.07	0.00
16.85	1.25	0.07	0.00	19.45	1.25	0.07	0.00
16.90	1.25	0.07	0.00	19.50	1.25	0.07	0.00
16.95	1.25	0.07	0.00	19.55	1.25	0.07	0.00
17.00	1.25	0.07	0.00	19.60	1.25	0.07	0.00
17.05	1.25	0.07	0.00	19.65	1.25	0.07	0.00
17.10	1.25	0.07	0.00	19.70	1.25	0.07	0.00
17.15	1.25	0.07	0.00	19.75	1.25	0.07	0.00
17.20	1.25	0.07	0.00	19.80	1.25	0.07	0.00
17.25	1.25	0.07	0.00	19.85	1.25	0.07	0.00
17.30	1.25	0.07	0.00	19.90	1.25	0.07	0.00
17.35	1.25	0.07	0.00	19.95	1.25	0.07	0.00
17.40	1.25	0.07	0.00	20.00	1.25	0.07	0.00
17.45	1.25	0.07	0.00	20.05	1.25	0.07	0.00
17.50	1.25	0.07	0.00	20.10	1.25	0.07	0.00
17.55	1.25	0.07	0.00	20.15	1.25	0.07	0.00
17.60	1.25	0.07	0.00	20.20	1.25	0.07	0.00
17.65	1.25	0.07	0.00	20.25	1.25	0.07	0.00
17.70	1.25	0.07	0.00	20.30	1.25	0.07	0.00
17.75	1.25	0.07	0.00	20.35	1.25	0.07	0.00
17.80	1.25	0.07	0.00	20.40	1.25	0.07	0.00
17.85	1.25	0.07	0.00	20.45	1.25	0.07	0.00
17.90	1.25	0.07	0.00	20.50	1.25	0.07	0.00
17.95	1.25	0.07	0.00	20.55	1.25	0.07	0.00
18.00	1.25	0.07	0.00	20.60	1.25	0.07	0.00
18.05	1.25	0.07	0.00	20.65	1.25	0.07	0.00
18.10	1.25	0.07	0.00	20.70	1.25	0.07	0.00
18.15	1.25	0.07	0.00	20.75	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	1.25	0.07	0.00	23.40	1.25	0.07	0.00
20.85	1.25	0.07	0.00	23.45	1.25	0.07	0.00
20.90	1.25	0.07	0.00	23.50	1.25	0.07	0.00
20.95	1.25	0.07	0.00	23.55	1.25	0.07	0.00
21.00	1.25	0.07	0.00	23.60	1.25	0.07	0.00
21.05	1.25	0.07	0.00	23.65	1.25	0.07	0.00
21.10	1.25	0.07	0.00	23.70	1.25	0.07	0.00
21.15	1.25	0.07	0.00	23.75	1.25	0.07	0.00
21.20	1.25	0.07	0.00	23.80	1.25	0.07	0.00
21.25	1.25	0.07	0.00	23.85	1.25	0.07	0.00
21.30	1.25	0.07	0.00	23.90	1.25	0.07	0.00
21.35	1.25	0.07	0.00	23.95	1.25	0.07	0.00
21.40	1.25	0.07	0.00	24.00	1.25	0.07	0.00
21.45	1.25	0.07	0.00	24.05	1.25	0.07	0.00
21.50	1.25	0.07	0.00	24.10	1.25	0.07	0.00
21.55	1.25	0.07	0.00	24.15	1.25	0.07	0.00
21.60	1.25	0.07	0.00	24.20	1.25	0.07	0.00
21.65	1.25	0.07	0.00	24.25	1.25	0.07	0.00
21.70	1.25	0.07	0.00	24.30	1.25	0.07	0.00
21.75	1.25	0.07	0.00	24.35	1.25	0.07	0.00
21.80	1.25	0.07	0.00	24.40	1.25	0.07	0.00
21.85	1.25	0.07	0.00	24.45	1.25	0.07	0.00
21.90	1.25	0.07	0.00	24.50	1.25	0.07	0.00
21.95	1.25	0.07	0.00	24.55	1.25	0.07	0.00
22.00	1.25	0.07	0.00	24.60	1.25	0.07	0.00
22.05	1.25	0.07	0.00	24.65	1.25	0.07	0.00
22.10	1.25	0.07	0.00	24.70	1.25	0.07	0.00
22.15	1.25	0.07	0.00	24.75	1.25	0.07	0.00
22.20	1.25	0.07	0.00	24.80	1.25	0.07	0.00
22.25	1.25	0.07	0.00	24.85	1.25	0.07	0.00
22.30	1.25	0.07	0.00	24.90	1.25	0.07	0.00
22.35	1.25	0.07	0.00	24.95	1.25	0.07	0.00
22.40	1.25	0.07	0.00	25.00	1.25	0.07	0.00
22.45	1.25	0.07	0.00	25.05	1.25	0.07	0.00
22.50	1.25	0.07	0.00	25.10	1.25	0.07	0.00
22.55	1.25	0.07	0.00	25.15	1.25	0.07	0.00
22.60	1.25	0.07	0.00	25.20	1.25	0.07	0.00
22.65	1.25	0.07	0.00	25.25	1.25	0.07	0.00
22.70	1.25	0.07	0.00	25.30	1.25	0.07	0.00
22.75	1.25	0.07	0.00	25.35	1.25	0.07	0.00
22.80	1.25	0.07	0.00	25.40	1.25	0.07	0.00
22.85	1.25	0.07	0.00	25.45	1.25	0.07	0.00
22.90	1.25	0.07	0.00	25.50	1.25	0.07	0.00
22.95	1.25	0.07	0.00	25.55	1.25	0.07	0.00
23.00	1.25	0.07	0.00	25.60	1.25	0.07	0.00
23.05	1.25	0.07	0.00	25.65	1.25	0.07	0.00
23.10	1.25	0.07	0.00	25.70	1.25	0.07	0.00
23.15	1.25	0.07	0.00	25.75	1.25	0.07	0.00
23.20	1.25	0.07	0.00	25.80	1.25	0.07	0.00
23.25	1.25	0.07	0.00	25.85	1.25	0.07	0.00
23.30	1.25	0.07	0.00	25.90	1.25	0.07	0.00
23.35	1.25	0.07	0.00	25.95	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	1.25	0.07	0.00	28.60	1.25	0.07	0.00
26.05	1.25	0.07	0.00	28.65	1.25	0.07	0.00
26.10	1.25	0.07	0.00	28.70	1.25	0.07	0.00
26.15	1.25	0.07	0.00	28.75	1.25	0.07	0.00
26.20	1.25	0.07	0.00	28.80	1.25	0.07	0.00
26.25	1.25	0.07	0.00	28.85	1.25	0.07	0.00
26.30	1.25	0.07	0.00	28.90	1.25	0.07	0.00
26.35	1.25	0.07	0.00	28.95	1.25	0.07	0.00
26.40	1.25	0.07	0.00	29.00	1.25	0.07	0.00
26.45	1.25	0.07	0.00	29.05	1.25	0.07	0.00
26.50	1.25	0.07	0.00	29.10	1.25	0.07	0.00
26.55	1.25	0.07	0.00	29.15	1.25	0.07	0.00
26.60	1.25	0.07	0.00	29.20	1.25	0.07	0.00
26.65	1.25	0.07	0.00	29.25	1.25	0.07	0.00
26.70	1.25	0.07	0.00	29.30	1.25	0.07	0.00
26.75	1.25	0.07	0.00	29.35	1.25	0.07	0.00
26.80	1.25	0.07	0.00	29.40	1.25	0.07	0.00
26.85	1.25	0.07	0.00	29.45	1.25	0.07	0.00
26.90	1.25	0.07	0.00	29.50	1.25	0.07	0.00
26.95	1.25	0.07	0.00	29.55	1.25	0.07	0.00
27.00	1.25	0.07	0.00	29.60	1.25	0.07	0.00
27.05	1.25	0.07	0.00	29.65	1.25	0.07	0.00
27.10	1.25	0.07	0.00	29.70	1.25	0.07	0.00
27.15	1.25	0.07	0.00	29.75	1.25	0.07	0.00
27.20	1.25	0.07	0.00	29.80	1.25	0.07	0.00
27.25	1.25	0.07	0.00	29.85	1.25	0.07	0.00
27.30	1.25	0.07	0.00	29.90	1.25	0.07	0.00
27.35	1.25	0.07	0.00	29.95	1.25	0.07	0.00
27.40	1.25	0.07	0.00	30.00	1.25	0.07	0.00
27.45	1.25	0.07	0.00	30.05	1.25	0.07	0.00
27.50	1.25	0.07	0.00	30.10	1.25	0.07	0.00
27.55	1.25	0.07	0.00	30.15	1.25	0.07	0.00
27.60	1.25	0.07	0.00	30.20	1.25	0.07	0.00
27.65	1.25	0.07	0.00	30.25	1.25	0.07	0.00
27.70	1.25	0.07	0.00	30.30	1.25	0.07	0.00
27.75	1.25	0.07	0.00	30.35	1.25	0.07	0.00
27.80	1.25	0.07	0.00	30.40	1.25	0.07	0.00
27.85	1.25	0.07	0.00	30.45	1.25	0.07	0.00
27.90	1.25	0.07	0.00	30.50	1.25	0.07	0.00
27.95	1.25	0.07	0.00	30.55	1.25	0.07	0.00
28.00	1.25	0.07	0.00	30.60	1.25	0.07	0.00
28.05	1.25	0.07	0.00	30.65	1.25	0.07	0.00
28.10	1.25	0.07	0.00	30.70	1.25	0.07	0.00
28.15	1.25	0.07	0.00	30.75	1.25	0.07	0.00
28.20	1.25	0.07	0.00	30.80	1.25	0.07	0.00
28.25	1.25	0.07	0.00	30.85	1.25	0.07	0.00
28.30	1.25	0.07	0.00	30.90	1.25	0.07	0.00
28.35	1.25	0.07	0.00	30.95	1.25	0.07	0.00
28.40	1.25	0.07	0.00	31.00	1.25	0.07	0.00
28.45	1.25	0.07	0.00	31.05	1.25	0.07	0.00
28.50	1.25	0.07	0.00	31.10	1.25	0.07	0.00
28.55	1.25	0.07	0.00	31.15	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	1.25	0.07	0.00	33.80	1.25	0.07	0.00
31.25	1.25	0.07	0.00	33.85	1.25	0.07	0.00
31.30	1.25	0.07	0.00	33.90	1.25	0.07	0.00
31.35	1.25	0.07	0.00	33.95	1.25	0.07	0.00
31.40	1.25	0.07	0.00	34.00	1.25	0.07	0.00
31.45	1.25	0.07	0.00	34.05	1.25	0.07	0.00
31.50	1.25	0.07	0.00	34.10	1.25	0.07	0.00
31.55	1.25	0.07	0.00	34.15	1.25	0.07	0.00
31.60	1.25	0.07	0.00	34.20	1.25	0.07	0.00
31.65	1.25	0.07	0.00	34.25	1.25	0.07	0.00
31.70	1.25	0.07	0.00	34.30	1.25	0.07	0.00
31.75	1.25	0.07	0.00	34.35	1.25	0.07	0.00
31.80	1.25	0.07	0.00	34.40	1.25	0.07	0.00
31.85	1.25	0.07	0.00	34.45	1.25	0.07	0.00
31.90	1.25	0.07	0.00	34.50	1.25	0.07	0.00
31.95	1.25	0.07	0.00	34.55	1.25	0.07	0.00
32.00	1.25	0.07	0.00	34.60	1.25	0.07	0.00
32.05	1.25	0.07	0.00	34.65	1.25	0.07	0.00
32.10	1.25	0.07	0.00	34.70	1.25	0.07	0.00
32.15	1.25	0.07	0.00	34.75	1.25	0.07	0.00
32.20	1.25	0.07	0.00	34.80	1.25	0.07	0.00
32.25	1.25	0.07	0.00	34.85	1.25	0.07	0.00
32.30	1.25	0.07	0.00	34.90	1.25	0.07	0.00
32.35	1.25	0.07	0.00	34.95	1.25	0.07	0.00
32.40	1.25	0.07	0.00	35.00	1.25	0.07	0.00
32.45	1.25	0.07	0.00	35.05	1.25	0.07	0.00
32.50	1.25	0.07	0.00	35.10	1.25	0.07	0.00
32.55	1.25	0.07	0.00	35.15	1.25	0.07	0.00
32.60	1.25	0.07	0.00	35.20	1.25	0.07	0.00
32.65	1.25	0.07	0.00	35.25	1.25	0.07	0.00
32.70	1.25	0.07	0.00	35.30	1.25	0.07	0.00
32.75	1.25	0.07	0.00	35.35	1.25	0.07	0.00
32.80	1.25	0.07	0.00	35.40	1.25	0.07	0.00
32.85	1.25	0.07	0.00	35.45	1.25	0.07	0.00
32.90	1.25	0.07	0.00	35.50	1.25	0.07	0.00
32.95	1.25	0.07	0.00	35.55	1.25	0.07	0.00
33.00	1.25	0.07	0.00	35.60	1.25	0.07	0.00
33.05	1.25	0.07	0.00	35.65	1.25	0.07	0.00
33.10	1.25	0.07	0.00	35.70	1.25	0.07	0.00
33.15	1.25	0.07	0.00	35.75	1.25	0.07	0.00
33.20	1.25	0.07	0.00	35.80	1.25	0.07	0.00
33.25	1.25	0.07	0.00	35.85	1.25	0.07	0.00
33.30	1.25	0.07	0.00	35.90	1.25	0.07	0.00
33.35	1.25	0.07	0.00	35.95	1.25	0.07	0.00
33.40	1.25	0.07	0.00	36.00	1.25	0.07	0.00
33.45	1.25	0.07	0.00	36.05	1.25	0.07	0.00
33.50	1.25	0.07	0.00	36.10	1.25	0.07	0.00
33.55	1.25	0.07	0.00	36.15	1.25	0.07	0.00
33.60	1.25	0.07	0.00	36.20	1.25	0.07	0.00
33.65	1.25	0.07	0.00	36.25	1.25	0.07	0.00
33.70	1.25	0.07	0.00	36.30	1.25	0.07	0.00
33.75	1.25	0.07	0.00	36.35	1.25	0.07	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	1.25	0.07	0.00	39.00	1.25	0.07	0.00
36.45	1.25	0.07	0.00	39.05	1.25	0.07	0.00
36.50	1.25	0.07	0.00	39.10	1.25	0.07	0.00
36.55	1.25	0.07	0.00	39.15	1.25	0.07	0.00
36.60	1.25	0.07	0.00	39.20	1.25	0.07	0.00
36.65	1.25	0.07	0.00	39.25	1.25	0.07	0.00
36.70	1.25	0.07	0.00	39.30	1.25	0.07	0.00
36.75	1.25	0.07	0.00	39.35	1.25	0.07	0.00
36.80	1.25	0.07	0.00	39.40	1.25	0.07	0.00
36.85	1.25	0.07	0.00	39.45	1.25	0.07	0.00
36.90	1.25	0.07	0.00	39.50	1.25	0.07	0.00
36.95	1.25	0.07	0.00	39.55	1.25	0.07	0.00
37.00	1.25	0.07	0.00	39.60	1.25	0.07	0.00
37.05	1.25	0.07	0.00	39.65	1.25	0.07	0.00
37.10	1.25	0.07	0.00	39.70	1.25	0.07	0.00
37.15	1.25	0.07	0.00	39.75	1.25	0.07	0.00
37.20	1.25	0.07	0.00	39.80	1.25	0.07	0.00
37.25	1.25	0.07	0.00	39.85	1.25	0.07	0.00
37.30	1.25	0.07	0.00	39.90	1.25	0.07	0.00
37.35	1.25	0.07	0.00	39.95	1.25	0.07	0.00
37.40	1.25	0.07	0.00	40.00	1.25	0.07	0.00
37.45	1.25	0.07	0.00				
37.50	1.25	0.07	0.00				
37.55	1.25	0.07	0.00				
37.60	1.25	0.07	0.00				
37.65	1.25	0.07	0.00				
37.70	1.25	0.07	0.00				
37.75	1.25	0.07	0.00				
37.80	1.25	0.07	0.00				
37.85	1.25	0.07	0.00				
37.90	1.25	0.07	0.00				
37.95	1.25	0.07	0.00				
38.00	1.25	0.07	0.00				
38.05	1.25	0.07	0.00				
38.10	1.25	0.07	0.00				
38.15	1.25	0.07	0.00				
38.20	1.25	0.07	0.00				
38.25	1.25	0.07	0.00				
38.30	1.25	0.07	0.00				
38.35	1.25	0.07	0.00				
38.40	1.25	0.07	0.00				
38.45	1.25	0.07	0.00				
38.50	1.25	0.07	0.00				
38.55	1.25	0.07	0.00				
38.60	1.25	0.07	0.00				
38.65	1.25	0.07	0.00				
38.70	1.25	0.07	0.00				
38.75	1.25	0.07	0.00				
38.80	1.25	0.07	0.00				
38.85	1.25	0.07	0.00				
38.90	1.25	0.07	0.00				
38.95	1.25	0.07	0.00				

Summary for Pond B-48: Basin #48

Inflow Area = 2.265 ac, 34.26% Impervious, Inflow Depth = 0.40" for WQ Storm event
 Inflow = 2.33 cfs @ 1.06 hrs, Volume= 0.076 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 191.36' @ 2.65 hrs Surf.Area= 9,317 sf Storage= 3,313 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

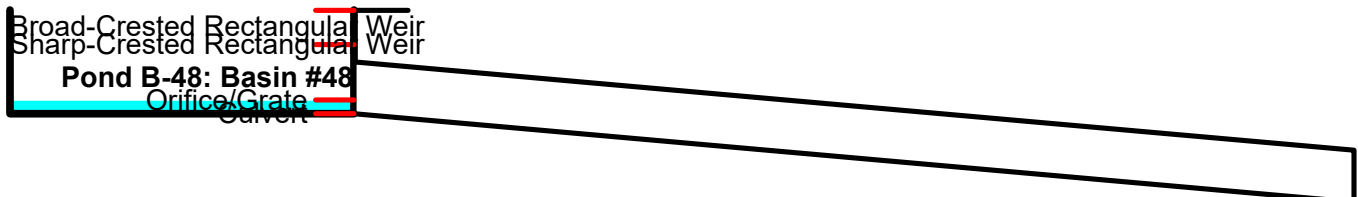
Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	32,287 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	8,869	0	0
192.00	10,100	9,485	9,485
193.00	11,387	10,744	20,228
194.00	12,731	12,059	32,287

Device	Routing	Invert	Outlet Devices
#1	Primary	191.00'	18.0" Round Culvert L= 185.0' Ke= 0.500 Inlet / Outlet Invert= 191.00' / 188.45' S= 0.0138 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.40'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	193.99'	50.0' long + 3.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

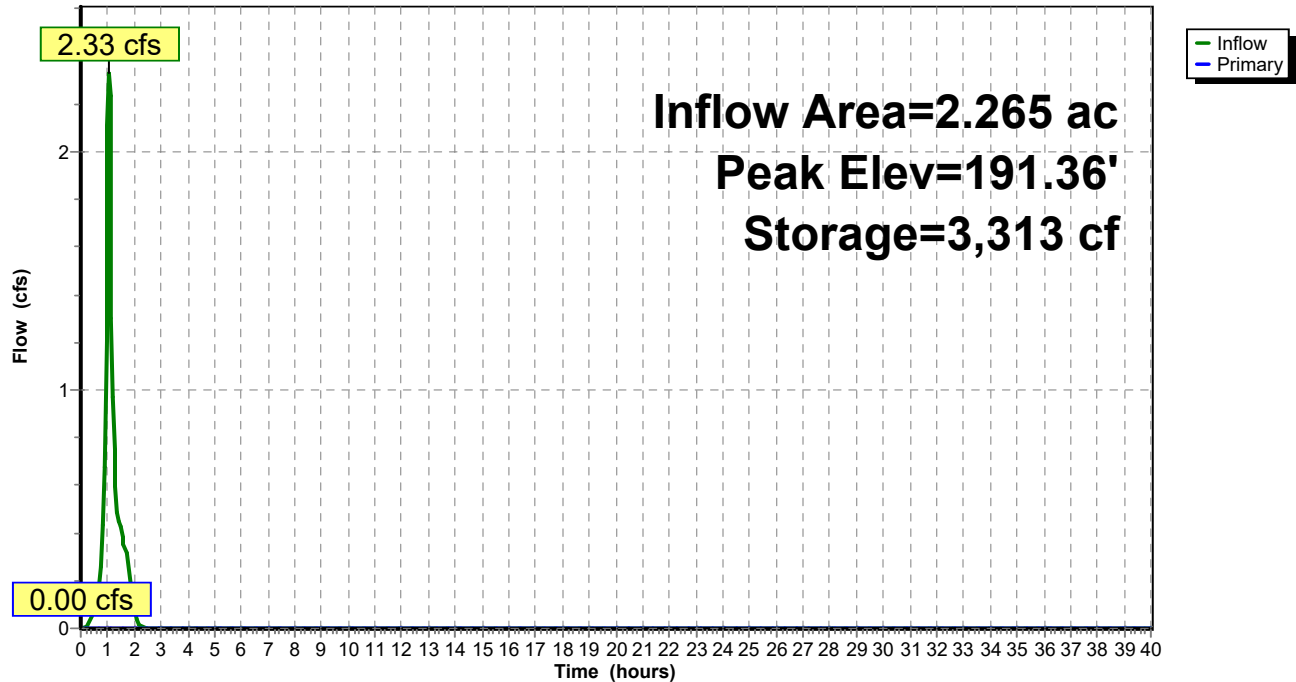
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=191.00' (Free Discharge)

1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-48: Basin #48

Hydrograph



Hydrograph for Pond B-48: Basin #48

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.03	4	191.00	0.00
0.50	0.08	24	191.00	0.00
0.60	0.15	64	191.01	0.00
0.70	0.19	125	191.01	0.00
0.80	0.31	207	191.02	0.00
0.90	0.68	374	191.04	0.00
1.00	2.11	842	191.09	0.00
1.10	2.24	1,652	191.18	0.00
1.20	0.97	2,174	191.24	0.00
1.30	0.59	2,450	191.27	0.00
1.40	0.45	2,631	191.29	0.00
1.50	0.42	2,788	191.31	0.00
1.60	0.35	2,926	191.32	0.00
1.70	0.34	3,049	191.34	0.00
1.80	0.25	3,161	191.35	0.00
1.90	0.15	3,228	191.36	0.00
2.00	0.12	3,275	191.36	0.00
2.10	0.04	3,303	191.36	0.00
2.20	0.01	3,310	191.36	0.00
2.30	0.00	3,312	191.36	0.00
2.40	0.00	3,313	191.36	0.00
2.50	0.00	3,313	191.36	0.00
2.60	0.00	3,313	191.36	0.00
2.70	0.00	3,313	191.36	0.00
2.80	0.00	3,313	191.36	0.00
2.90	0.00	3,313	191.36	0.00
3.00	0.00	3,313	191.36	0.00
3.10	0.00	3,313	191.36	0.00
3.20	0.00	3,313	191.36	0.00
3.30	0.00	3,313	191.36	0.00
3.40	0.00	3,313	191.36	0.00
3.50	0.00	3,313	191.36	0.00
3.60	0.00	3,313	191.36	0.00
3.70	0.00	3,313	191.36	0.00
3.80	0.00	3,313	191.36	0.00
3.90	0.00	3,313	191.36	0.00
4.00	0.00	3,313	191.36	0.00
4.10	0.00	3,313	191.36	0.00
4.20	0.00	3,313	191.36	0.00
4.30	0.00	3,313	191.36	0.00
4.40	0.00	3,313	191.36	0.00
4.50	0.00	3,313	191.36	0.00
4.60	0.00	3,313	191.36	0.00
4.70	0.00	3,313	191.36	0.00
4.80	0.00	3,313	191.36	0.00
4.90	0.00	3,313	191.36	0.00
5.00	0.00	3,313	191.36	0.00
5.10	0.00	3,313	191.36	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,313	191.36	0.00
5.30	0.00	3,313	191.36	0.00
5.40	0.00	3,313	191.36	0.00
5.50	0.00	3,313	191.36	0.00
5.60	0.00	3,313	191.36	0.00
5.70	0.00	3,313	191.36	0.00
5.80	0.00	3,313	191.36	0.00
5.90	0.00	3,313	191.36	0.00
6.00	0.00	3,313	191.36	0.00
6.10	0.00	3,313	191.36	0.00
6.20	0.00	3,313	191.36	0.00
6.30	0.00	3,313	191.36	0.00
6.40	0.00	3,313	191.36	0.00
6.50	0.00	3,313	191.36	0.00
6.60	0.00	3,313	191.36	0.00
6.70	0.00	3,313	191.36	0.00
6.80	0.00	3,313	191.36	0.00
6.90	0.00	3,313	191.36	0.00
7.00	0.00	3,313	191.36	0.00
7.10	0.00	3,313	191.36	0.00
7.20	0.00	3,313	191.36	0.00
7.30	0.00	3,313	191.36	0.00
7.40	0.00	3,313	191.36	0.00
7.50	0.00	3,313	191.36	0.00
7.60	0.00	3,313	191.36	0.00
7.70	0.00	3,313	191.36	0.00
7.80	0.00	3,313	191.36	0.00
7.90	0.00	3,313	191.36	0.00
8.00	0.00	3,313	191.36	0.00
8.10	0.00	3,313	191.36	0.00
8.20	0.00	3,313	191.36	0.00
8.30	0.00	3,313	191.36	0.00
8.40	0.00	3,313	191.36	0.00
8.50	0.00	3,313	191.36	0.00
8.60	0.00	3,313	191.36	0.00
8.70	0.00	3,313	191.36	0.00
8.80	0.00	3,313	191.36	0.00
8.90	0.00	3,313	191.36	0.00
9.00	0.00	3,313	191.36	0.00
9.10	0.00	3,313	191.36	0.00
9.20	0.00	3,313	191.36	0.00
9.30	0.00	3,313	191.36	0.00
9.40	0.00	3,313	191.36	0.00
9.50	0.00	3,313	191.36	0.00
9.60	0.00	3,313	191.36	0.00
9.70	0.00	3,313	191.36	0.00
9.80	0.00	3,313	191.36	0.00
9.90	0.00	3,313	191.36	0.00
10.00	0.00	3,313	191.36	0.00
10.10	0.00	3,313	191.36	0.00
10.20	0.00	3,313	191.36	0.00
10.30	0.00	3,313	191.36	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,313	191.36	0.00
10.50	0.00	3,313	191.36	0.00
10.60	0.00	3,313	191.36	0.00
10.70	0.00	3,313	191.36	0.00
10.80	0.00	3,313	191.36	0.00
10.90	0.00	3,313	191.36	0.00
11.00	0.00	3,313	191.36	0.00
11.10	0.00	3,313	191.36	0.00
11.20	0.00	3,313	191.36	0.00
11.30	0.00	3,313	191.36	0.00
11.40	0.00	3,313	191.36	0.00
11.50	0.00	3,313	191.36	0.00
11.60	0.00	3,313	191.36	0.00
11.70	0.00	3,313	191.36	0.00
11.80	0.00	3,313	191.36	0.00
11.90	0.00	3,313	191.36	0.00
12.00	0.00	3,313	191.36	0.00
12.10	0.00	3,313	191.36	0.00
12.20	0.00	3,313	191.36	0.00
12.30	0.00	3,313	191.36	0.00
12.40	0.00	3,313	191.36	0.00
12.50	0.00	3,313	191.36	0.00
12.60	0.00	3,313	191.36	0.00
12.70	0.00	3,313	191.36	0.00
12.80	0.00	3,313	191.36	0.00
12.90	0.00	3,313	191.36	0.00
13.00	0.00	3,313	191.36	0.00
13.10	0.00	3,313	191.36	0.00
13.20	0.00	3,313	191.36	0.00
13.30	0.00	3,313	191.36	0.00
13.40	0.00	3,313	191.36	0.00
13.50	0.00	3,313	191.36	0.00
13.60	0.00	3,313	191.36	0.00
13.70	0.00	3,313	191.36	0.00
13.80	0.00	3,313	191.36	0.00
13.90	0.00	3,313	191.36	0.00
14.00	0.00	3,313	191.36	0.00
14.10	0.00	3,313	191.36	0.00
14.20	0.00	3,313	191.36	0.00
14.30	0.00	3,313	191.36	0.00
14.40	0.00	3,313	191.36	0.00
14.50	0.00	3,313	191.36	0.00
14.60	0.00	3,313	191.36	0.00
14.70	0.00	3,313	191.36	0.00
14.80	0.00	3,313	191.36	0.00
14.90	0.00	3,313	191.36	0.00
15.00	0.00	3,313	191.36	0.00
15.10	0.00	3,313	191.36	0.00
15.20	0.00	3,313	191.36	0.00
15.30	0.00	3,313	191.36	0.00
15.40	0.00	3,313	191.36	0.00
15.50	0.00	3,313	191.36	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,313	191.36	0.00
15.70	0.00	3,313	191.36	0.00
15.80	0.00	3,313	191.36	0.00
15.90	0.00	3,313	191.36	0.00
16.00	0.00	3,313	191.36	0.00
16.10	0.00	3,313	191.36	0.00
16.20	0.00	3,313	191.36	0.00
16.30	0.00	3,313	191.36	0.00
16.40	0.00	3,313	191.36	0.00
16.50	0.00	3,313	191.36	0.00
16.60	0.00	3,313	191.36	0.00
16.70	0.00	3,313	191.36	0.00
16.80	0.00	3,313	191.36	0.00
16.90	0.00	3,313	191.36	0.00
17.00	0.00	3,313	191.36	0.00
17.10	0.00	3,313	191.36	0.00
17.20	0.00	3,313	191.36	0.00
17.30	0.00	3,313	191.36	0.00
17.40	0.00	3,313	191.36	0.00
17.50	0.00	3,313	191.36	0.00
17.60	0.00	3,313	191.36	0.00
17.70	0.00	3,313	191.36	0.00
17.80	0.00	3,313	191.36	0.00
17.90	0.00	3,313	191.36	0.00
18.00	0.00	3,313	191.36	0.00
18.10	0.00	3,313	191.36	0.00
18.20	0.00	3,313	191.36	0.00
18.30	0.00	3,313	191.36	0.00
18.40	0.00	3,313	191.36	0.00
18.50	0.00	3,313	191.36	0.00
18.60	0.00	3,313	191.36	0.00
18.70	0.00	3,313	191.36	0.00
18.80	0.00	3,313	191.36	0.00
18.90	0.00	3,313	191.36	0.00
19.00	0.00	3,313	191.36	0.00
19.10	0.00	3,313	191.36	0.00
19.20	0.00	3,313	191.36	0.00
19.30	0.00	3,313	191.36	0.00
19.40	0.00	3,313	191.36	0.00
19.50	0.00	3,313	191.36	0.00
19.60	0.00	3,313	191.36	0.00
19.70	0.00	3,313	191.36	0.00
19.80	0.00	3,313	191.36	0.00
19.90	0.00	3,313	191.36	0.00
20.00	0.00	3,313	191.36	0.00
20.10	0.00	3,313	191.36	0.00
20.20	0.00	3,313	191.36	0.00
20.30	0.00	3,313	191.36	0.00
20.40	0.00	3,313	191.36	0.00
20.50	0.00	3,313	191.36	0.00
20.60	0.00	3,313	191.36	0.00
20.70	0.00	3,313	191.36	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,313	191.36	0.00
20.90	0.00	3,313	191.36	0.00
21.00	0.00	3,313	191.36	0.00
21.10	0.00	3,313	191.36	0.00
21.20	0.00	3,313	191.36	0.00
21.30	0.00	3,313	191.36	0.00
21.40	0.00	3,313	191.36	0.00
21.50	0.00	3,313	191.36	0.00
21.60	0.00	3,313	191.36	0.00
21.70	0.00	3,313	191.36	0.00
21.80	0.00	3,313	191.36	0.00
21.90	0.00	3,313	191.36	0.00
22.00	0.00	3,313	191.36	0.00
22.10	0.00	3,313	191.36	0.00
22.20	0.00	3,313	191.36	0.00
22.30	0.00	3,313	191.36	0.00
22.40	0.00	3,313	191.36	0.00
22.50	0.00	3,313	191.36	0.00
22.60	0.00	3,313	191.36	0.00
22.70	0.00	3,313	191.36	0.00
22.80	0.00	3,313	191.36	0.00
22.90	0.00	3,313	191.36	0.00
23.00	0.00	3,313	191.36	0.00
23.10	0.00	3,313	191.36	0.00
23.20	0.00	3,313	191.36	0.00
23.30	0.00	3,313	191.36	0.00
23.40	0.00	3,313	191.36	0.00
23.50	0.00	3,313	191.36	0.00
23.60	0.00	3,313	191.36	0.00
23.70	0.00	3,313	191.36	0.00
23.80	0.00	3,313	191.36	0.00
23.90	0.00	3,313	191.36	0.00
24.00	0.00	3,313	191.36	0.00
24.10	0.00	3,313	191.36	0.00
24.20	0.00	3,313	191.36	0.00
24.30	0.00	3,313	191.36	0.00
24.40	0.00	3,313	191.36	0.00
24.50	0.00	3,313	191.36	0.00
24.60	0.00	3,313	191.36	0.00
24.70	0.00	3,313	191.36	0.00
24.80	0.00	3,313	191.36	0.00
24.90	0.00	3,313	191.36	0.00
25.00	0.00	3,313	191.36	0.00
25.10	0.00	3,313	191.36	0.00
25.20	0.00	3,313	191.36	0.00
25.30	0.00	3,313	191.36	0.00
25.40	0.00	3,313	191.36	0.00
25.50	0.00	3,313	191.36	0.00
25.60	0.00	3,313	191.36	0.00
25.70	0.00	3,313	191.36	0.00
25.80	0.00	3,313	191.36	0.00
25.90	0.00	3,313	191.36	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,313	191.36	0.00
26.10	0.00	3,313	191.36	0.00
26.20	0.00	3,313	191.36	0.00
26.30	0.00	3,313	191.36	0.00
26.40	0.00	3,313	191.36	0.00
26.50	0.00	3,313	191.36	0.00
26.60	0.00	3,313	191.36	0.00
26.70	0.00	3,313	191.36	0.00
26.80	0.00	3,313	191.36	0.00
26.90	0.00	3,313	191.36	0.00
27.00	0.00	3,313	191.36	0.00
27.10	0.00	3,313	191.36	0.00
27.20	0.00	3,313	191.36	0.00
27.30	0.00	3,313	191.36	0.00
27.40	0.00	3,313	191.36	0.00
27.50	0.00	3,313	191.36	0.00
27.60	0.00	3,313	191.36	0.00
27.70	0.00	3,313	191.36	0.00
27.80	0.00	3,313	191.36	0.00
27.90	0.00	3,313	191.36	0.00
28.00	0.00	3,313	191.36	0.00
28.10	0.00	3,313	191.36	0.00
28.20	0.00	3,313	191.36	0.00
28.30	0.00	3,313	191.36	0.00
28.40	0.00	3,313	191.36	0.00
28.50	0.00	3,313	191.36	0.00
28.60	0.00	3,313	191.36	0.00
28.70	0.00	3,313	191.36	0.00
28.80	0.00	3,313	191.36	0.00
28.90	0.00	3,313	191.36	0.00
29.00	0.00	3,313	191.36	0.00
29.10	0.00	3,313	191.36	0.00
29.20	0.00	3,313	191.36	0.00
29.30	0.00	3,313	191.36	0.00
29.40	0.00	3,313	191.36	0.00
29.50	0.00	3,313	191.36	0.00
29.60	0.00	3,313	191.36	0.00
29.70	0.00	3,313	191.36	0.00
29.80	0.00	3,313	191.36	0.00
29.90	0.00	3,313	191.36	0.00
30.00	0.00	3,313	191.36	0.00
30.10	0.00	3,313	191.36	0.00
30.20	0.00	3,313	191.36	0.00
30.30	0.00	3,313	191.36	0.00
30.40	0.00	3,313	191.36	0.00
30.50	0.00	3,313	191.36	0.00
30.60	0.00	3,313	191.36	0.00
30.70	0.00	3,313	191.36	0.00
30.80	0.00	3,313	191.36	0.00
30.90	0.00	3,313	191.36	0.00
31.00	0.00	3,313	191.36	0.00
31.10	0.00	3,313	191.36	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,313	191.36	0.00
31.30	0.00	3,313	191.36	0.00
31.40	0.00	3,313	191.36	0.00
31.50	0.00	3,313	191.36	0.00
31.60	0.00	3,313	191.36	0.00
31.70	0.00	3,313	191.36	0.00
31.80	0.00	3,313	191.36	0.00
31.90	0.00	3,313	191.36	0.00
32.00	0.00	3,313	191.36	0.00
32.10	0.00	3,313	191.36	0.00
32.20	0.00	3,313	191.36	0.00
32.30	0.00	3,313	191.36	0.00
32.40	0.00	3,313	191.36	0.00
32.50	0.00	3,313	191.36	0.00
32.60	0.00	3,313	191.36	0.00
32.70	0.00	3,313	191.36	0.00
32.80	0.00	3,313	191.36	0.00
32.90	0.00	3,313	191.36	0.00
33.00	0.00	3,313	191.36	0.00
33.10	0.00	3,313	191.36	0.00
33.20	0.00	3,313	191.36	0.00
33.30	0.00	3,313	191.36	0.00
33.40	0.00	3,313	191.36	0.00
33.50	0.00	3,313	191.36	0.00
33.60	0.00	3,313	191.36	0.00
33.70	0.00	3,313	191.36	0.00
33.80	0.00	3,313	191.36	0.00
33.90	0.00	3,313	191.36	0.00
34.00	0.00	3,313	191.36	0.00
34.10	0.00	3,313	191.36	0.00
34.20	0.00	3,313	191.36	0.00
34.30	0.00	3,313	191.36	0.00
34.40	0.00	3,313	191.36	0.00
34.50	0.00	3,313	191.36	0.00
34.60	0.00	3,313	191.36	0.00
34.70	0.00	3,313	191.36	0.00
34.80	0.00	3,313	191.36	0.00
34.90	0.00	3,313	191.36	0.00
35.00	0.00	3,313	191.36	0.00
35.10	0.00	3,313	191.36	0.00
35.20	0.00	3,313	191.36	0.00
35.30	0.00	3,313	191.36	0.00
35.40	0.00	3,313	191.36	0.00
35.50	0.00	3,313	191.36	0.00
35.60	0.00	3,313	191.36	0.00
35.70	0.00	3,313	191.36	0.00
35.80	0.00	3,313	191.36	0.00
35.90	0.00	3,313	191.36	0.00
36.00	0.00	3,313	191.36	0.00
36.10	0.00	3,313	191.36	0.00
36.20	0.00	3,313	191.36	0.00
36.30	0.00	3,313	191.36	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,313	191.36	0.00
36.50	0.00	3,313	191.36	0.00
36.60	0.00	3,313	191.36	0.00
36.70	0.00	3,313	191.36	0.00
36.80	0.00	3,313	191.36	0.00
36.90	0.00	3,313	191.36	0.00
37.00	0.00	3,313	191.36	0.00
37.10	0.00	3,313	191.36	0.00
37.20	0.00	3,313	191.36	0.00
37.30	0.00	3,313	191.36	0.00
37.40	0.00	3,313	191.36	0.00
37.50	0.00	3,313	191.36	0.00
37.60	0.00	3,313	191.36	0.00
37.70	0.00	3,313	191.36	0.00
37.80	0.00	3,313	191.36	0.00
37.90	0.00	3,313	191.36	0.00
38.00	0.00	3,313	191.36	0.00
38.10	0.00	3,313	191.36	0.00
38.20	0.00	3,313	191.36	0.00
38.30	0.00	3,313	191.36	0.00
38.40	0.00	3,313	191.36	0.00
38.50	0.00	3,313	191.36	0.00
38.60	0.00	3,313	191.36	0.00
38.70	0.00	3,313	191.36	0.00
38.80	0.00	3,313	191.36	0.00
38.90	0.00	3,313	191.36	0.00
39.00	0.00	3,313	191.36	0.00
39.10	0.00	3,313	191.36	0.00
39.20	0.00	3,313	191.36	0.00
39.30	0.00	3,313	191.36	0.00
39.40	0.00	3,313	191.36	0.00
39.50	0.00	3,313	191.36	0.00
39.60	0.00	3,313	191.36	0.00
39.70	0.00	3,313	191.36	0.00
39.80	0.00	3,313	191.36	0.00
39.90	0.00	3,313	191.36	0.00
40.00	0.00	3,313	191.36	0.00

Stage-Discharge for Pond B-48: Basin #48

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.02	192.04	0.12	192.56	0.17
191.01	0.00	191.53	0.03	192.05	0.12	192.57	0.17
191.02	0.00	191.54	0.03	192.06	0.12	192.58	0.17
191.03	0.00	191.55	0.03	192.07	0.12	192.59	0.17
191.04	0.00	191.56	0.04	192.08	0.12	192.60	0.17
191.05	0.00	191.57	0.04	192.09	0.13	192.61	0.17
191.06	0.00	191.58	0.05	192.10	0.13	192.62	0.17
191.07	0.00	191.59	0.05	192.11	0.13	192.63	0.17
191.08	0.00	191.60	0.05	192.12	0.13	192.64	0.17
191.09	0.00	191.61	0.05	192.13	0.13	192.65	0.18
191.10	0.00	191.62	0.06	192.14	0.13	192.66	0.18
191.11	0.00	191.63	0.06	192.15	0.13	192.67	0.18
191.12	0.00	191.64	0.06	192.16	0.13	192.68	0.18
191.13	0.00	191.65	0.06	192.17	0.13	192.69	0.18
191.14	0.00	191.66	0.06	192.18	0.13	192.70	0.18
191.15	0.00	191.67	0.07	192.19	0.14	192.71	0.18
191.16	0.00	191.68	0.07	192.20	0.14	192.72	0.18
191.17	0.00	191.69	0.07	192.21	0.14	192.73	0.18
191.18	0.00	191.70	0.07	192.22	0.14	192.74	0.18
191.19	0.00	191.71	0.07	192.23	0.14	192.75	0.18
191.20	0.00	191.72	0.08	192.24	0.14	192.76	0.18
191.21	0.00	191.73	0.08	192.25	0.14	192.77	0.18
191.22	0.00	191.74	0.08	192.26	0.14	192.78	0.19
191.23	0.00	191.75	0.08	192.27	0.14	192.79	0.19
191.24	0.00	191.76	0.08	192.28	0.14	192.80	0.19
191.25	0.00	191.77	0.08	192.29	0.15	192.81	0.19
191.26	0.00	191.78	0.09	192.30	0.15	192.82	0.19
191.27	0.00	191.79	0.09	192.31	0.15	192.83	0.19
191.28	0.00	191.80	0.09	192.32	0.15	192.84	0.19
191.29	0.00	191.81	0.09	192.33	0.15	192.85	0.19
191.30	0.00	191.82	0.09	192.34	0.15	192.86	0.19
191.31	0.00	191.83	0.09	192.35	0.15	192.87	0.19
191.32	0.00	191.84	0.10	192.36	0.15	192.88	0.19
191.33	0.00	191.85	0.10	192.37	0.15	192.89	0.19
191.34	0.00	191.86	0.10	192.38	0.15	192.90	0.19
191.35	0.00	191.87	0.10	192.39	0.15	192.91	0.19
191.36	0.00	191.88	0.10	192.40	0.16	192.92	0.20
191.37	0.00	191.89	0.10	192.41	0.16	192.93	0.20
191.38	0.00	191.90	0.10	192.42	0.16	192.94	0.20
191.39	0.00	191.91	0.10	192.43	0.16	192.95	0.20
191.40	0.00	191.92	0.11	192.44	0.16	192.96	0.20
191.41	0.00	191.93	0.11	192.45	0.16	192.97	0.20
191.42	0.00	191.94	0.11	192.46	0.16	192.98	0.20
191.43	0.00	191.95	0.11	192.47	0.16	192.99	0.20
191.44	0.00	191.96	0.11	192.48	0.16	193.00	0.20
191.45	0.00	191.97	0.11	192.49	0.16	193.01	0.21
191.46	0.01	191.98	0.11	192.50	0.16	193.02	0.24
191.47	0.01	191.99	0.11	192.51	0.16	193.03	0.27
191.48	0.01	192.00	0.12	192.52	0.17	193.04	0.31
191.49	0.01	192.01	0.12	192.53	0.17	193.05	0.35
191.50	0.02	192.02	0.12	192.54	0.17	193.06	0.40
191.51	0.02	192.03	0.12	192.55	0.17	193.07	0.45

Stage-Discharge for Pond B-48: Basin #48 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.50	193.60	6.13
193.09	0.56	193.61	6.28
193.10	0.62	193.62	6.43
193.11	0.68	193.63	6.57
193.12	0.75	193.64	6.72
193.13	0.82	193.65	6.87
193.14	0.89	193.66	7.02
193.15	0.96	193.67	7.17
193.16	1.04	193.68	7.33
193.17	1.12	193.69	7.48
193.18	1.20	193.70	7.64
193.19	1.29	193.71	7.79
193.20	1.37	193.72	7.95
193.21	1.46	193.73	8.11
193.22	1.55	193.74	8.26
193.23	1.64	193.75	8.42
193.24	1.74	193.76	8.58
193.25	1.83	193.77	8.74
193.26	1.93	193.78	8.91
193.27	2.03	193.79	9.07
193.28	2.13	193.80	9.23
193.29	2.23	193.81	9.40
193.30	2.34	193.82	9.56
193.31	2.44	193.83	9.73
193.32	2.55	193.84	9.90
193.33	2.66	193.85	10.07
193.34	2.77	193.86	10.24
193.35	2.88	193.87	10.40
193.36	3.00	193.88	10.58
193.37	3.11	193.89	10.75
193.38	3.23	193.90	10.92
193.39	3.35	193.91	11.09
193.40	3.47	193.92	11.27
193.41	3.59	193.93	11.44
193.42	3.71	193.94	11.62
193.43	3.84	193.95	11.79
193.44	3.96	193.96	11.97
193.45	4.09	193.97	12.15
193.46	4.22	193.98	12.33
193.47	4.35	193.99	12.51
193.48	4.48	194.00	12.81
193.49	4.61		
193.50	4.74		
193.51	4.87		
193.52	5.01		
193.53	5.15		
193.54	5.28		
193.55	5.42		
193.56	5.56		
193.57	5.70		
193.58	5.85		
193.59	5.99		

Stage-Area-Storage for Pond B-48: Basin #48

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	8,869	0	191.52	9,509	4,778
191.01	8,881	89	191.53	9,521	4,873
191.02	8,894	178	191.54	9,534	4,969
191.03	8,906	267	191.55	9,546	5,064
191.04	8,918	356	191.56	9,558	5,160
191.05	8,931	445	191.57	9,571	5,255
191.06	8,943	534	191.58	9,583	5,351
191.07	8,955	624	191.59	9,595	5,447
191.08	8,967	713	191.60	9,608	5,543
191.09	8,980	803	191.61	9,620	5,639
191.10	8,992	893	191.62	9,632	5,735
191.11	9,004	983	191.63	9,645	5,832
191.12	9,017	1,073	191.64	9,657	5,928
191.13	9,029	1,163	191.65	9,669	6,025
191.14	9,041	1,254	191.66	9,681	6,122
191.15	9,054	1,344	191.67	9,694	6,219
191.16	9,066	1,435	191.68	9,706	6,316
191.17	9,078	1,526	191.69	9,718	6,413
191.18	9,091	1,616	191.70	9,731	6,510
191.19	9,103	1,707	191.71	9,743	6,607
191.20	9,115	1,798	191.72	9,755	6,705
191.21	9,128	1,890	191.73	9,768	6,802
191.22	9,140	1,981	191.74	9,780	6,900
191.23	9,152	2,072	191.75	9,792	6,998
191.24	9,164	2,164	191.76	9,805	7,096
191.25	9,177	2,256	191.77	9,817	7,194
191.26	9,189	2,348	191.78	9,829	7,292
191.27	9,201	2,439	191.79	9,841	7,391
191.28	9,214	2,532	191.80	9,854	7,489
191.29	9,226	2,624	191.81	9,866	7,588
191.30	9,238	2,716	191.82	9,878	7,686
191.31	9,251	2,809	191.83	9,891	7,785
191.32	9,263	2,901	191.84	9,903	7,884
191.33	9,275	2,994	191.85	9,915	7,983
191.34	9,288	3,087	191.86	9,928	8,083
191.35	9,300	3,180	191.87	9,940	8,182
191.36	9,312	3,273	191.88	9,952	8,281
191.37	9,324	3,366	191.89	9,965	8,381
191.38	9,337	3,459	191.90	9,977	8,481
191.39	9,349	3,553	191.91	9,989	8,580
191.40	9,361	3,646	191.92	10,002	8,680
191.41	9,374	3,740	191.93	10,014	8,781
191.42	9,386	3,834	191.94	10,026	8,881
191.43	9,398	3,927	191.95	10,038	8,981
191.44	9,411	4,022	191.96	10,051	9,081
191.45	9,423	4,116	191.97	10,063	9,182
191.46	9,435	4,210	191.98	10,075	9,283
191.47	9,448	4,304	191.99	10,088	9,384
191.48	9,460	4,399	192.00	10,100	9,485
191.49	9,472	4,494	192.01	10,113	9,586
191.50	9,485	4,588	192.02	10,126	9,687
191.51	9,497	4,683	192.03	10,139	9,788

Stage-Area-Storage for Pond B-48: Basin #48 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	10,151	9,890	192.56	10,821	15,342
192.05	10,164	9,991	192.57	10,834	15,451
192.06	10,177	10,093	192.58	10,846	15,559
192.07	10,190	10,195	192.59	10,859	15,668
192.08	10,203	10,297	192.60	10,872	15,776
192.09	10,216	10,399	192.61	10,885	15,885
192.10	10,229	10,501	192.62	10,898	15,994
192.11	10,242	10,603	192.63	10,911	16,103
192.12	10,254	10,706	192.64	10,924	16,212
192.13	10,267	10,808	192.65	10,937	16,321
192.14	10,280	10,911	192.66	10,949	16,431
192.15	10,293	11,014	192.67	10,962	16,540
192.16	10,306	11,117	192.68	10,975	16,650
192.17	10,319	11,220	192.69	10,988	16,760
192.18	10,332	11,323	192.70	11,001	16,870
192.19	10,345	11,427	192.71	11,014	16,980
192.20	10,357	11,530	192.72	11,027	17,090
192.21	10,370	11,634	192.73	11,040	17,200
192.22	10,383	11,738	192.74	11,052	17,311
192.23	10,396	11,842	192.75	11,065	17,421
192.24	10,409	11,946	192.76	11,078	17,532
192.25	10,422	12,050	192.77	11,091	17,643
192.26	10,435	12,154	192.78	11,104	17,754
192.27	10,447	12,258	192.79	11,117	17,865
192.28	10,460	12,363	192.80	11,130	17,976
192.29	10,473	12,468	192.81	11,142	18,088
192.30	10,486	12,572	192.82	11,155	18,199
192.31	10,499	12,677	192.83	11,168	18,311
192.32	10,512	12,782	192.84	11,181	18,423
192.33	10,525	12,888	192.85	11,194	18,534
192.34	10,538	12,993	192.86	11,207	18,646
192.35	10,550	13,098	192.87	11,220	18,759
192.36	10,563	13,204	192.88	11,233	18,871
192.37	10,576	13,310	192.89	11,245	18,983
192.38	10,589	13,415	192.90	11,258	19,096
192.39	10,602	13,521	192.91	11,271	19,208
192.40	10,615	13,627	192.92	11,284	19,321
192.41	10,628	13,734	192.93	11,297	19,434
192.42	10,641	13,840	192.94	11,310	19,547
192.43	10,653	13,946	192.95	11,323	19,660
192.44	10,666	14,053	192.96	11,336	19,774
192.45	10,679	14,160	192.97	11,348	19,887
192.46	10,692	14,267	192.98	11,361	20,001
192.47	10,705	14,374	192.99	11,374	20,114
192.48	10,718	14,481	193.00	11,387	20,228
192.49	10,731	14,588	193.01	11,400	20,342
192.50	10,744	14,695	193.02	11,414	20,456
192.51	10,756	14,803	193.03	11,427	20,570
192.52	10,769	14,911	193.04	11,441	20,685
192.53	10,782	15,018	193.05	11,454	20,799
192.54	10,795	15,126	193.06	11,468	20,914
192.55	10,808	15,234	193.07	11,481	21,028

Stage-Area-Storage for Pond B-48: Basin #48 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	11,495	21,143	193.60	12,193	27,302
193.09	11,508	21,258	193.61	12,207	27,424
193.10	11,521	21,373	193.62	12,220	27,546
193.11	11,535	21,489	193.63	12,234	27,669
193.12	11,548	21,604	193.64	12,247	27,791
193.13	11,562	21,720	193.65	12,261	27,913
193.14	11,575	21,835	193.66	12,274	28,036
193.15	11,589	21,951	193.67	12,287	28,159
193.16	11,602	22,067	193.68	12,301	28,282
193.17	11,615	22,183	193.69	12,314	28,405
193.18	11,629	22,299	193.70	12,328	28,528
193.19	11,642	22,416	193.71	12,341	28,652
193.20	11,656	22,532	193.72	12,355	28,775
193.21	11,669	22,649	193.73	12,368	28,899
193.22	11,683	22,766	193.74	12,382	29,022
193.23	11,696	22,883	193.75	12,395	29,146
193.24	11,710	23,000	193.76	12,408	29,270
193.25	11,723	23,117	193.77	12,422	29,394
193.26	11,736	23,234	193.78	12,435	29,519
193.27	11,750	23,351	193.79	12,449	29,643
193.28	11,763	23,469	193.80	12,462	29,768
193.29	11,777	23,587	193.81	12,476	29,892
193.30	11,790	23,705	193.82	12,489	30,017
193.31	11,804	23,823	193.83	12,503	30,142
193.32	11,817	23,941	193.84	12,516	30,267
193.33	11,831	24,059	193.85	12,529	30,392
193.34	11,844	24,177	193.86	12,543	30,518
193.35	11,857	24,296	193.87	12,556	30,643
193.36	11,871	24,414	193.88	12,570	30,769
193.37	11,884	24,533	193.89	12,583	30,895
193.38	11,898	24,652	193.90	12,597	31,021
193.39	11,911	24,771	193.91	12,610	31,147
193.40	11,925	24,890	193.92	12,623	31,273
193.41	11,938	25,010	193.93	12,637	31,399
193.42	11,951	25,129	193.94	12,650	31,526
193.43	11,965	25,249	193.95	12,664	31,652
193.44	11,978	25,368	193.96	12,677	31,779
193.45	11,992	25,488	193.97	12,691	31,906
193.46	12,005	25,608	193.98	12,704	32,033
193.47	12,019	25,728	193.99	12,718	32,160
193.48	12,032	25,849	194.00	12,731	32,287
193.49	12,046	25,969			
193.50	12,059	26,090			
193.51	12,072	26,210			
193.52	12,086	26,331			
193.53	12,099	26,452			
193.54	12,113	26,573			
193.55	12,126	26,694			
193.56	12,140	26,815			
193.57	12,153	26,937			
193.58	12,167	27,059			
193.59	12,180	27,180			

Summary for Pond B-49: Basin #49

Inflow Area = 2.090 ac, 43.68% Impervious, Inflow Depth = 0.49" for WQ Storm event
 Inflow = 2.81 cfs @ 1.08 hrs, Volume= 0.086 af
 Outflow = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Atten= 100%, Lag= 0.0 min
 Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 183.55' @ 2.40 hrs Surf.Area= 7,144 sf Storage= 3,744 cf

Plug-Flow detention time= (not calculated: initial storage exceeds outflow)
 Center-of-Mass det. time= (not calculated: no outflow)

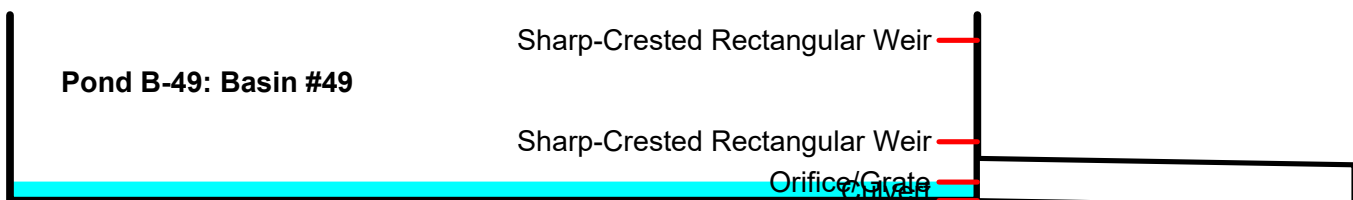
Volume	Invert	Avail.Storage	Storage Description
#1	183.00'	52,993 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
183.00	6,565	0	0
184.00	7,625	7,095	7,095
185.00	8,717	8,171	15,266
186.00	9,853	9,285	24,551
187.00	11,027	10,440	34,991
188.00	12,333	11,680	46,671
188.50	12,956	6,322	52,993

Device	Routing	Invert	Outlet Devices
#1	Primary	183.00'	15.0" Round Culvert L= 25.0' Ke= 0.500 Inlet / Outlet Invert= 183.00' / 182.81' S= 0.0076 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	183.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	184.74'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.75'	30.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

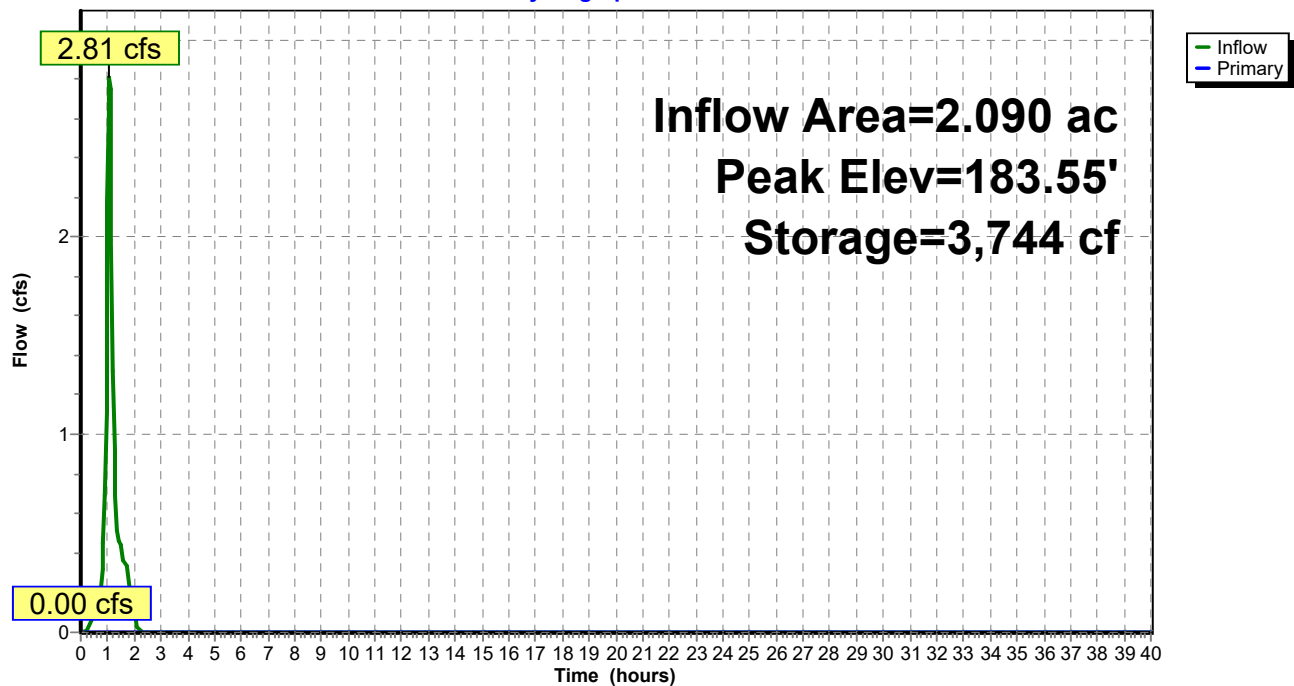
Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=183.00' (Free Discharge)

1=Culvert (Controls 0.00 cfs)
 2=Orifice/Grate (Controls 0.00 cfs)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-49: Basin #49

Hydrograph



Hydrograph for Pond B-49: Basin #49

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	183.00	0.00
0.10	0.00	0	183.00	0.00
0.20	0.00	0	183.00	0.00
0.30	0.00	0	183.00	0.00
0.40	0.03	3	183.00	0.00
0.50	0.08	22	183.00	0.00
0.60	0.16	65	183.01	0.00
0.70	0.21	133	183.02	0.00
0.80	0.32	223	183.03	0.00
0.90	0.70	396	183.06	0.00
1.00	2.17	856	183.13	0.00
1.10	2.75	1,773	183.26	0.00
1.20	1.32	2,497	183.37	0.00
1.30	0.69	2,844	183.42	0.00
1.40	0.46	3,040	183.45	0.00
1.50	0.45	3,203	183.47	0.00
1.60	0.37	3,352	183.49	0.00
1.70	0.35	3,480	183.51	0.00
1.80	0.28	3,601	183.53	0.00
1.90	0.13	3,668	183.54	0.00
2.00	0.12	3,712	183.54	0.00
2.10	0.02	3,740	183.55	0.00
2.20	0.00	3,744	183.55	0.00
2.30	0.00	3,744	183.55	0.00
2.40	0.00	3,744	183.55	0.00
2.50	0.00	3,744	183.55	0.00
2.60	0.00	3,744	183.55	0.00
2.70	0.00	3,744	183.55	0.00
2.80	0.00	3,744	183.55	0.00
2.90	0.00	3,744	183.55	0.00
3.00	0.00	3,744	183.55	0.00
3.10	0.00	3,744	183.55	0.00
3.20	0.00	3,744	183.55	0.00
3.30	0.00	3,744	183.55	0.00
3.40	0.00	3,744	183.55	0.00
3.50	0.00	3,744	183.55	0.00
3.60	0.00	3,744	183.55	0.00
3.70	0.00	3,744	183.55	0.00
3.80	0.00	3,744	183.55	0.00
3.90	0.00	3,744	183.55	0.00
4.00	0.00	3,744	183.55	0.00
4.10	0.00	3,744	183.55	0.00
4.20	0.00	3,744	183.55	0.00
4.30	0.00	3,744	183.55	0.00
4.40	0.00	3,744	183.55	0.00
4.50	0.00	3,744	183.55	0.00
4.60	0.00	3,744	183.55	0.00
4.70	0.00	3,744	183.55	0.00
4.80	0.00	3,744	183.55	0.00
4.90	0.00	3,744	183.55	0.00
5.00	0.00	3,744	183.55	0.00
5.10	0.00	3,744	183.55	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	3,744	183.55	0.00
5.30	0.00	3,744	183.55	0.00
5.40	0.00	3,744	183.55	0.00
5.50	0.00	3,744	183.55	0.00
5.60	0.00	3,744	183.55	0.00
5.70	0.00	3,744	183.55	0.00
5.80	0.00	3,744	183.55	0.00
5.90	0.00	3,744	183.55	0.00
6.00	0.00	3,744	183.55	0.00
6.10	0.00	3,744	183.55	0.00
6.20	0.00	3,744	183.55	0.00
6.30	0.00	3,744	183.55	0.00
6.40	0.00	3,744	183.55	0.00
6.50	0.00	3,744	183.55	0.00
6.60	0.00	3,744	183.55	0.00
6.70	0.00	3,744	183.55	0.00
6.80	0.00	3,744	183.55	0.00
6.90	0.00	3,744	183.55	0.00
7.00	0.00	3,744	183.55	0.00
7.10	0.00	3,744	183.55	0.00
7.20	0.00	3,744	183.55	0.00
7.30	0.00	3,744	183.55	0.00
7.40	0.00	3,744	183.55	0.00
7.50	0.00	3,744	183.55	0.00
7.60	0.00	3,744	183.55	0.00
7.70	0.00	3,744	183.55	0.00
7.80	0.00	3,744	183.55	0.00
7.90	0.00	3,744	183.55	0.00
8.00	0.00	3,744	183.55	0.00
8.10	0.00	3,744	183.55	0.00
8.20	0.00	3,744	183.55	0.00
8.30	0.00	3,744	183.55	0.00
8.40	0.00	3,744	183.55	0.00
8.50	0.00	3,744	183.55	0.00
8.60	0.00	3,744	183.55	0.00
8.70	0.00	3,744	183.55	0.00
8.80	0.00	3,744	183.55	0.00
8.90	0.00	3,744	183.55	0.00
9.00	0.00	3,744	183.55	0.00
9.10	0.00	3,744	183.55	0.00
9.20	0.00	3,744	183.55	0.00
9.30	0.00	3,744	183.55	0.00
9.40	0.00	3,744	183.55	0.00
9.50	0.00	3,744	183.55	0.00
9.60	0.00	3,744	183.55	0.00
9.70	0.00	3,744	183.55	0.00
9.80	0.00	3,744	183.55	0.00
9.90	0.00	3,744	183.55	0.00
10.00	0.00	3,744	183.55	0.00
10.10	0.00	3,744	183.55	0.00
10.20	0.00	3,744	183.55	0.00
10.30	0.00	3,744	183.55	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	3,744	183.55	0.00
10.50	0.00	3,744	183.55	0.00
10.60	0.00	3,744	183.55	0.00
10.70	0.00	3,744	183.55	0.00
10.80	0.00	3,744	183.55	0.00
10.90	0.00	3,744	183.55	0.00
11.00	0.00	3,744	183.55	0.00
11.10	0.00	3,744	183.55	0.00
11.20	0.00	3,744	183.55	0.00
11.30	0.00	3,744	183.55	0.00
11.40	0.00	3,744	183.55	0.00
11.50	0.00	3,744	183.55	0.00
11.60	0.00	3,744	183.55	0.00
11.70	0.00	3,744	183.55	0.00
11.80	0.00	3,744	183.55	0.00
11.90	0.00	3,744	183.55	0.00
12.00	0.00	3,744	183.55	0.00
12.10	0.00	3,744	183.55	0.00
12.20	0.00	3,744	183.55	0.00
12.30	0.00	3,744	183.55	0.00
12.40	0.00	3,744	183.55	0.00
12.50	0.00	3,744	183.55	0.00
12.60	0.00	3,744	183.55	0.00
12.70	0.00	3,744	183.55	0.00
12.80	0.00	3,744	183.55	0.00
12.90	0.00	3,744	183.55	0.00
13.00	0.00	3,744	183.55	0.00
13.10	0.00	3,744	183.55	0.00
13.20	0.00	3,744	183.55	0.00
13.30	0.00	3,744	183.55	0.00
13.40	0.00	3,744	183.55	0.00
13.50	0.00	3,744	183.55	0.00
13.60	0.00	3,744	183.55	0.00
13.70	0.00	3,744	183.55	0.00
13.80	0.00	3,744	183.55	0.00
13.90	0.00	3,744	183.55	0.00
14.00	0.00	3,744	183.55	0.00
14.10	0.00	3,744	183.55	0.00
14.20	0.00	3,744	183.55	0.00
14.30	0.00	3,744	183.55	0.00
14.40	0.00	3,744	183.55	0.00
14.50	0.00	3,744	183.55	0.00
14.60	0.00	3,744	183.55	0.00
14.70	0.00	3,744	183.55	0.00
14.80	0.00	3,744	183.55	0.00
14.90	0.00	3,744	183.55	0.00
15.00	0.00	3,744	183.55	0.00
15.10	0.00	3,744	183.55	0.00
15.20	0.00	3,744	183.55	0.00
15.30	0.00	3,744	183.55	0.00
15.40	0.00	3,744	183.55	0.00
15.50	0.00	3,744	183.55	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	3,744	183.55	0.00
15.70	0.00	3,744	183.55	0.00
15.80	0.00	3,744	183.55	0.00
15.90	0.00	3,744	183.55	0.00
16.00	0.00	3,744	183.55	0.00
16.10	0.00	3,744	183.55	0.00
16.20	0.00	3,744	183.55	0.00
16.30	0.00	3,744	183.55	0.00
16.40	0.00	3,744	183.55	0.00
16.50	0.00	3,744	183.55	0.00
16.60	0.00	3,744	183.55	0.00
16.70	0.00	3,744	183.55	0.00
16.80	0.00	3,744	183.55	0.00
16.90	0.00	3,744	183.55	0.00
17.00	0.00	3,744	183.55	0.00
17.10	0.00	3,744	183.55	0.00
17.20	0.00	3,744	183.55	0.00
17.30	0.00	3,744	183.55	0.00
17.40	0.00	3,744	183.55	0.00
17.50	0.00	3,744	183.55	0.00
17.60	0.00	3,744	183.55	0.00
17.70	0.00	3,744	183.55	0.00
17.80	0.00	3,744	183.55	0.00
17.90	0.00	3,744	183.55	0.00
18.00	0.00	3,744	183.55	0.00
18.10	0.00	3,744	183.55	0.00
18.20	0.00	3,744	183.55	0.00
18.30	0.00	3,744	183.55	0.00
18.40	0.00	3,744	183.55	0.00
18.50	0.00	3,744	183.55	0.00
18.60	0.00	3,744	183.55	0.00
18.70	0.00	3,744	183.55	0.00
18.80	0.00	3,744	183.55	0.00
18.90	0.00	3,744	183.55	0.00
19.00	0.00	3,744	183.55	0.00
19.10	0.00	3,744	183.55	0.00
19.20	0.00	3,744	183.55	0.00
19.30	0.00	3,744	183.55	0.00
19.40	0.00	3,744	183.55	0.00
19.50	0.00	3,744	183.55	0.00
19.60	0.00	3,744	183.55	0.00
19.70	0.00	3,744	183.55	0.00
19.80	0.00	3,744	183.55	0.00
19.90	0.00	3,744	183.55	0.00
20.00	0.00	3,744	183.55	0.00
20.10	0.00	3,744	183.55	0.00
20.20	0.00	3,744	183.55	0.00
20.30	0.00	3,744	183.55	0.00
20.40	0.00	3,744	183.55	0.00
20.50	0.00	3,744	183.55	0.00
20.60	0.00	3,744	183.55	0.00
20.70	0.00	3,744	183.55	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	3,744	183.55	0.00
20.90	0.00	3,744	183.55	0.00
21.00	0.00	3,744	183.55	0.00
21.10	0.00	3,744	183.55	0.00
21.20	0.00	3,744	183.55	0.00
21.30	0.00	3,744	183.55	0.00
21.40	0.00	3,744	183.55	0.00
21.50	0.00	3,744	183.55	0.00
21.60	0.00	3,744	183.55	0.00
21.70	0.00	3,744	183.55	0.00
21.80	0.00	3,744	183.55	0.00
21.90	0.00	3,744	183.55	0.00
22.00	0.00	3,744	183.55	0.00
22.10	0.00	3,744	183.55	0.00
22.20	0.00	3,744	183.55	0.00
22.30	0.00	3,744	183.55	0.00
22.40	0.00	3,744	183.55	0.00
22.50	0.00	3,744	183.55	0.00
22.60	0.00	3,744	183.55	0.00
22.70	0.00	3,744	183.55	0.00
22.80	0.00	3,744	183.55	0.00
22.90	0.00	3,744	183.55	0.00
23.00	0.00	3,744	183.55	0.00
23.10	0.00	3,744	183.55	0.00
23.20	0.00	3,744	183.55	0.00
23.30	0.00	3,744	183.55	0.00
23.40	0.00	3,744	183.55	0.00
23.50	0.00	3,744	183.55	0.00
23.60	0.00	3,744	183.55	0.00
23.70	0.00	3,744	183.55	0.00
23.80	0.00	3,744	183.55	0.00
23.90	0.00	3,744	183.55	0.00
24.00	0.00	3,744	183.55	0.00
24.10	0.00	3,744	183.55	0.00
24.20	0.00	3,744	183.55	0.00
24.30	0.00	3,744	183.55	0.00
24.40	0.00	3,744	183.55	0.00
24.50	0.00	3,744	183.55	0.00
24.60	0.00	3,744	183.55	0.00
24.70	0.00	3,744	183.55	0.00
24.80	0.00	3,744	183.55	0.00
24.90	0.00	3,744	183.55	0.00
25.00	0.00	3,744	183.55	0.00
25.10	0.00	3,744	183.55	0.00
25.20	0.00	3,744	183.55	0.00
25.30	0.00	3,744	183.55	0.00
25.40	0.00	3,744	183.55	0.00
25.50	0.00	3,744	183.55	0.00
25.60	0.00	3,744	183.55	0.00
25.70	0.00	3,744	183.55	0.00
25.80	0.00	3,744	183.55	0.00
25.90	0.00	3,744	183.55	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	3,744	183.55	0.00
26.10	0.00	3,744	183.55	0.00
26.20	0.00	3,744	183.55	0.00
26.30	0.00	3,744	183.55	0.00
26.40	0.00	3,744	183.55	0.00
26.50	0.00	3,744	183.55	0.00
26.60	0.00	3,744	183.55	0.00
26.70	0.00	3,744	183.55	0.00
26.80	0.00	3,744	183.55	0.00
26.90	0.00	3,744	183.55	0.00
27.00	0.00	3,744	183.55	0.00
27.10	0.00	3,744	183.55	0.00
27.20	0.00	3,744	183.55	0.00
27.30	0.00	3,744	183.55	0.00
27.40	0.00	3,744	183.55	0.00
27.50	0.00	3,744	183.55	0.00
27.60	0.00	3,744	183.55	0.00
27.70	0.00	3,744	183.55	0.00
27.80	0.00	3,744	183.55	0.00
27.90	0.00	3,744	183.55	0.00
28.00	0.00	3,744	183.55	0.00
28.10	0.00	3,744	183.55	0.00
28.20	0.00	3,744	183.55	0.00
28.30	0.00	3,744	183.55	0.00
28.40	0.00	3,744	183.55	0.00
28.50	0.00	3,744	183.55	0.00
28.60	0.00	3,744	183.55	0.00
28.70	0.00	3,744	183.55	0.00
28.80	0.00	3,744	183.55	0.00
28.90	0.00	3,744	183.55	0.00
29.00	0.00	3,744	183.55	0.00
29.10	0.00	3,744	183.55	0.00
29.20	0.00	3,744	183.55	0.00
29.30	0.00	3,744	183.55	0.00
29.40	0.00	3,744	183.55	0.00
29.50	0.00	3,744	183.55	0.00
29.60	0.00	3,744	183.55	0.00
29.70	0.00	3,744	183.55	0.00
29.80	0.00	3,744	183.55	0.00
29.90	0.00	3,744	183.55	0.00
30.00	0.00	3,744	183.55	0.00
30.10	0.00	3,744	183.55	0.00
30.20	0.00	3,744	183.55	0.00
30.30	0.00	3,744	183.55	0.00
30.40	0.00	3,744	183.55	0.00
30.50	0.00	3,744	183.55	0.00
30.60	0.00	3,744	183.55	0.00
30.70	0.00	3,744	183.55	0.00
30.80	0.00	3,744	183.55	0.00
30.90	0.00	3,744	183.55	0.00
31.00	0.00	3,744	183.55	0.00
31.10	0.00	3,744	183.55	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	3,744	183.55	0.00
31.30	0.00	3,744	183.55	0.00
31.40	0.00	3,744	183.55	0.00
31.50	0.00	3,744	183.55	0.00
31.60	0.00	3,744	183.55	0.00
31.70	0.00	3,744	183.55	0.00
31.80	0.00	3,744	183.55	0.00
31.90	0.00	3,744	183.55	0.00
32.00	0.00	3,744	183.55	0.00
32.10	0.00	3,744	183.55	0.00
32.20	0.00	3,744	183.55	0.00
32.30	0.00	3,744	183.55	0.00
32.40	0.00	3,744	183.55	0.00
32.50	0.00	3,744	183.55	0.00
32.60	0.00	3,744	183.55	0.00
32.70	0.00	3,744	183.55	0.00
32.80	0.00	3,744	183.55	0.00
32.90	0.00	3,744	183.55	0.00
33.00	0.00	3,744	183.55	0.00
33.10	0.00	3,744	183.55	0.00
33.20	0.00	3,744	183.55	0.00
33.30	0.00	3,744	183.55	0.00
33.40	0.00	3,744	183.55	0.00
33.50	0.00	3,744	183.55	0.00
33.60	0.00	3,744	183.55	0.00
33.70	0.00	3,744	183.55	0.00
33.80	0.00	3,744	183.55	0.00
33.90	0.00	3,744	183.55	0.00
34.00	0.00	3,744	183.55	0.00
34.10	0.00	3,744	183.55	0.00
34.20	0.00	3,744	183.55	0.00
34.30	0.00	3,744	183.55	0.00
34.40	0.00	3,744	183.55	0.00
34.50	0.00	3,744	183.55	0.00
34.60	0.00	3,744	183.55	0.00
34.70	0.00	3,744	183.55	0.00
34.80	0.00	3,744	183.55	0.00
34.90	0.00	3,744	183.55	0.00
35.00	0.00	3,744	183.55	0.00
35.10	0.00	3,744	183.55	0.00
35.20	0.00	3,744	183.55	0.00
35.30	0.00	3,744	183.55	0.00
35.40	0.00	3,744	183.55	0.00
35.50	0.00	3,744	183.55	0.00
35.60	0.00	3,744	183.55	0.00
35.70	0.00	3,744	183.55	0.00
35.80	0.00	3,744	183.55	0.00
35.90	0.00	3,744	183.55	0.00
36.00	0.00	3,744	183.55	0.00
36.10	0.00	3,744	183.55	0.00
36.20	0.00	3,744	183.55	0.00
36.30	0.00	3,744	183.55	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	3,744	183.55	0.00
36.50	0.00	3,744	183.55	0.00
36.60	0.00	3,744	183.55	0.00
36.70	0.00	3,744	183.55	0.00
36.80	0.00	3,744	183.55	0.00
36.90	0.00	3,744	183.55	0.00
37.00	0.00	3,744	183.55	0.00
37.10	0.00	3,744	183.55	0.00
37.20	0.00	3,744	183.55	0.00
37.30	0.00	3,744	183.55	0.00
37.40	0.00	3,744	183.55	0.00
37.50	0.00	3,744	183.55	0.00
37.60	0.00	3,744	183.55	0.00
37.70	0.00	3,744	183.55	0.00
37.80	0.00	3,744	183.55	0.00
37.90	0.00	3,744	183.55	0.00
38.00	0.00	3,744	183.55	0.00
38.10	0.00	3,744	183.55	0.00
38.20	0.00	3,744	183.55	0.00
38.30	0.00	3,744	183.55	0.00
38.40	0.00	3,744	183.55	0.00
38.50	0.00	3,744	183.55	0.00
38.60	0.00	3,744	183.55	0.00
38.70	0.00	3,744	183.55	0.00
38.80	0.00	3,744	183.55	0.00
38.90	0.00	3,744	183.55	0.00
39.00	0.00	3,744	183.55	0.00
39.10	0.00	3,744	183.55	0.00
39.20	0.00	3,744	183.55	0.00
39.30	0.00	3,744	183.55	0.00
39.40	0.00	3,744	183.55	0.00
39.50	0.00	3,744	183.55	0.00
39.60	0.00	3,744	183.55	0.00
39.70	0.00	3,744	183.55	0.00
39.80	0.00	3,744	183.55	0.00
39.90	0.00	3,744	183.55	0.00
40.00	0.00	3,744	183.55	0.00

Stage-Discharge for Pond B-49: Basin #49

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.00	0.00	183.52	0.00	184.04	0.10	184.56	0.16
183.01	0.00	183.53	0.00	184.05	0.10	184.57	0.16
183.02	0.00	183.54	0.00	184.06	0.10	184.58	0.16
183.03	0.00	183.55	0.00	184.07	0.11	184.59	0.16
183.04	0.00	183.56	0.00	184.08	0.11	184.60	0.16
183.05	0.00	183.57	0.00	184.09	0.11	184.61	0.16
183.06	0.00	183.58	0.00	184.10	0.11	184.62	0.16
183.07	0.00	183.59	0.00	184.11	0.11	184.63	0.16
183.08	0.00	183.60	0.00	184.12	0.11	184.64	0.16
183.09	0.00	183.61	0.01	184.13	0.11	184.65	0.16
183.10	0.00	183.62	0.01	184.14	0.11	184.66	0.16
183.11	0.00	183.63	0.01	184.15	0.12	184.67	0.17
183.12	0.00	183.64	0.01	184.16	0.12	184.68	0.17
183.13	0.00	183.65	0.02	184.17	0.12	184.69	0.17
183.14	0.00	183.66	0.02	184.18	0.12	184.70	0.17
183.15	0.00	183.67	0.02	184.19	0.12	184.71	0.17
183.16	0.00	183.68	0.03	184.20	0.12	184.72	0.17
183.17	0.00	183.69	0.03	184.21	0.12	184.73	0.17
183.18	0.00	183.70	0.03	184.22	0.12	184.74	0.17
183.19	0.00	183.71	0.04	184.23	0.12	184.75	0.18
183.20	0.00	183.72	0.04	184.24	0.13	184.76	0.21
183.21	0.00	183.73	0.05	184.25	0.13	184.77	0.24
183.22	0.00	183.74	0.05	184.26	0.13	184.78	0.28
183.23	0.00	183.75	0.05	184.27	0.13	184.79	0.32
183.24	0.00	183.76	0.05	184.28	0.13	184.80	0.37
183.25	0.00	183.77	0.06	184.29	0.13	184.81	0.42
183.26	0.00	183.78	0.06	184.30	0.13	184.82	0.47
183.27	0.00	183.79	0.06	184.31	0.13	184.83	0.53
183.28	0.00	183.80	0.06	184.32	0.13	184.84	0.59
183.29	0.00	183.81	0.06	184.33	0.13	184.85	0.65
183.30	0.00	183.82	0.07	184.34	0.14	184.86	0.72
183.31	0.00	183.83	0.07	184.35	0.14	184.87	0.79
183.32	0.00	183.84	0.07	184.36	0.14	184.88	0.86
183.33	0.00	183.85	0.07	184.37	0.14	184.89	0.94
183.34	0.00	183.86	0.07	184.38	0.14	184.90	1.01
183.35	0.00	183.87	0.08	184.39	0.14	184.91	1.09
183.36	0.00	183.88	0.08	184.40	0.14	184.92	1.17
183.37	0.00	183.89	0.08	184.41	0.14	184.93	1.26
183.38	0.00	183.90	0.08	184.42	0.14	184.94	1.34
183.39	0.00	183.91	0.08	184.43	0.14	184.95	1.43
183.40	0.00	183.92	0.08	184.44	0.15	184.96	1.52
183.41	0.00	183.93	0.09	184.45	0.15	184.97	1.61
183.42	0.00	183.94	0.09	184.46	0.15	184.98	1.71
183.43	0.00	183.95	0.09	184.47	0.15	184.99	1.80
183.44	0.00	183.96	0.09	184.48	0.15	185.00	1.90
183.45	0.00	183.97	0.09	184.49	0.15	185.01	2.00
183.46	0.00	183.98	0.09	184.50	0.15	185.02	2.10
183.47	0.00	183.99	0.10	184.51	0.15	185.03	2.21
183.48	0.00	184.00	0.10	184.52	0.15	185.04	2.31
183.49	0.00	184.01	0.10	184.53	0.15	185.05	2.42
183.50	0.00	184.02	0.10	184.54	0.15	185.06	2.52
183.51	0.00	184.03	0.10	184.55	0.16	185.07	2.63

Stage-Discharge for Pond B-49: Basin #49 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.08	2.75	185.60	8.30	186.12	9.33	186.64	10.26
185.09	2.86	185.61	8.33	186.13	9.35	186.65	10.28
185.10	2.97	185.62	8.35	186.14	9.37	186.66	10.29
185.11	3.09	185.63	8.37	186.15	9.39	186.67	10.31
185.12	3.20	185.64	8.39	186.16	9.41	186.68	10.33
185.13	3.32	185.65	8.41	186.17	9.43	186.69	10.34
185.14	3.44	185.66	8.43	186.18	9.44	186.70	10.36
185.15	3.56	185.67	8.45	186.19	9.46	186.71	10.38
185.16	3.69	185.68	8.47	186.20	9.48	186.72	10.40
185.17	3.81	185.69	8.49	186.21	9.50	186.73	10.41
185.18	3.94	185.70	8.51	186.22	9.52	186.74	10.43
185.19	4.06	185.71	8.53	186.23	9.54	186.75	10.45
185.20	4.19	185.72	8.55	186.24	9.56	186.76	10.46
185.21	4.32	185.73	8.57	186.25	9.57	186.77	10.48
185.22	4.45	185.74	8.59	186.26	9.59	186.78	10.50
185.23	4.58	185.75	8.61	186.27	9.61	186.79	10.51
185.24	4.72	185.76	8.63	186.28	9.63	186.80	10.53
185.25	4.85	185.77	8.65	186.29	9.65	186.81	10.55
185.26	4.99	185.78	8.67	186.30	9.66	186.82	10.56
185.27	5.12	185.79	8.69	186.31	9.68	186.83	10.58
185.28	5.26	185.80	8.71	186.32	9.70	186.84	10.59
185.29	5.40	185.81	8.73	186.33	9.72	186.85	10.61
185.30	5.54	185.82	8.75	186.34	9.74	186.86	10.63
185.31	5.68	185.83	8.77	186.35	9.75	186.87	10.64
185.32	5.82	185.84	8.79	186.36	9.77	186.88	10.66
185.33	5.97	185.85	8.81	186.37	9.79	186.89	10.68
185.34	6.11	185.86	8.83	186.38	9.81	186.90	10.69
185.35	6.26	185.87	8.85	186.39	9.83	186.91	10.71
185.36	6.40	185.88	8.87	186.40	9.84	186.92	10.73
185.37	6.55	185.89	8.89	186.41	9.86	186.93	10.74
185.38	6.70	185.90	8.91	186.42	9.88	186.94	10.76
185.39	6.85	185.91	8.93	186.43	9.90	186.95	10.77
185.40	7.00	185.92	8.95	186.44	9.91	186.96	10.79
185.41	7.15	185.93	8.97	186.45	9.93	186.97	10.81
185.42	7.30	185.94	8.99	186.46	9.95	186.98	10.82
185.43	7.46	185.95	9.01	186.47	9.97	186.99	10.84
185.44	7.61	185.96	9.03	186.48	9.98	187.00	10.86
185.45	7.77	185.97	9.05	186.49	10.00	187.01	10.87
185.46	7.92	185.98	9.07	186.50	10.02	187.02	10.89
185.47	8.03	185.99	9.09	186.51	10.04	187.03	10.90
185.48	8.05	186.00	9.11	186.52	10.05	187.04	10.92
185.49	8.07	186.01	9.13	186.53	10.07	187.05	10.94
185.50	8.09	186.02	9.14	186.54	10.09	187.06	10.95
185.51	8.11	186.03	9.16	186.55	10.11	187.07	10.97
185.52	8.13	186.04	9.18	186.56	10.12	187.08	10.98
185.53	8.16	186.05	9.20	186.57	10.14	187.09	11.00
185.54	8.18	186.06	9.22	186.58	10.16	187.10	11.01
185.55	8.20	186.07	9.24	186.59	10.17	187.11	11.03
185.56	8.22	186.08	9.26	186.60	10.19	187.12	11.05
185.57	8.24	186.09	9.28	186.61	10.21	187.13	11.06
185.58	8.26	186.10	9.30	186.62	10.23	187.14	11.08
185.59	8.28	186.11	9.31	186.63	10.24	187.15	11.09

Stage-Discharge for Pond B-49: Basin #49 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
187.16	11.11	187.68	11.90	188.20	42.16
187.17	11.13	187.69	11.91	188.21	43.16
187.18	11.14	187.70	11.93	188.22	44.18
187.19	11.16	187.71	11.94	188.23	45.20
187.20	11.17	187.72	11.96	188.24	46.23
187.21	11.19	187.73	11.97	188.25	47.28
187.22	11.20	187.74	11.99	188.26	48.33
187.23	11.22	187.75	12.00	188.27	49.39
187.24	11.23	187.76	12.11	188.28	50.47
187.25	11.25	187.77	12.31	188.29	51.55
187.26	11.27	187.78	12.55	188.30	52.64
187.27	11.28	187.79	12.84	188.31	53.75
187.28	11.30	187.80	13.17	188.32	54.86
187.29	11.31	187.81	13.53	188.33	55.98
187.30	11.33	187.82	13.92	188.34	57.11
187.31	11.34	187.83	14.34	188.35	58.25
187.32	11.36	187.84	14.78	188.36	59.40
187.33	11.37	187.85	15.25	188.37	60.56
187.34	11.39	187.86	15.74	188.38	61.73
187.35	11.40	187.87	16.25	188.39	62.91
187.36	11.42	187.88	16.78	188.40	64.10
187.37	11.43	187.89	17.34	188.41	65.29
187.38	11.45	187.90	17.91	188.42	66.50
187.39	11.47	187.91	18.50	188.43	67.71
187.40	11.48	187.92	19.11	188.44	68.93
187.41	11.50	187.93	19.74	188.45	70.16
187.42	11.51	187.94	20.39	188.46	71.40
187.43	11.53	187.95	21.05	188.47	72.65
187.44	11.54	187.96	21.73	188.48	73.91
187.45	11.56	187.97	22.42	188.49	75.17
187.46	11.57	187.98	23.14	188.50	76.45
187.47	11.59	187.99	23.86		
187.48	11.60	188.00	24.60		
187.49	11.62	188.01	25.36		
187.50	11.63	188.02	26.13		
187.51	11.65	188.03	26.91		
187.52	11.66	188.04	27.71		
187.53	11.68	188.05	28.52		
187.54	11.69	188.06	29.34		
187.55	11.71	188.07	30.18		
187.56	11.72	188.08	31.03		
187.57	11.74	188.09	31.89		
187.58	11.75	188.10	32.77		
187.59	11.77	188.11	33.65		
187.60	11.78	188.12	34.55		
187.61	11.80	188.13	35.46		
187.62	11.81	188.14	36.39		
187.63	11.83	188.15	37.32		
187.64	11.84	188.16	38.27		
187.65	11.85	188.17	39.22		
187.66	11.87	188.18	40.19		
187.67	11.88	188.19	41.17		

Stage-Area-Storage for Pond B-49: Basin #49

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.00	6,565	0	183.52	7,116	3,557
183.01	6,576	66	183.53	7,127	3,628
183.02	6,586	132	183.54	7,137	3,700
183.03	6,597	197	183.55	7,148	3,771
183.04	6,607	263	183.56	7,159	3,843
183.05	6,618	330	183.57	7,169	3,914
183.06	6,629	396	183.58	7,180	3,986
183.07	6,639	462	183.59	7,190	4,058
183.08	6,650	529	183.60	7,201	4,130
183.09	6,660	595	183.61	7,212	4,202
183.10	6,671	662	183.62	7,222	4,274
183.11	6,682	729	183.63	7,233	4,346
183.12	6,692	795	183.64	7,243	4,419
183.13	6,703	862	183.65	7,254	4,491
183.14	6,713	929	183.66	7,265	4,564
183.15	6,724	997	183.67	7,275	4,636
183.16	6,735	1,064	183.68	7,286	4,709
183.17	6,745	1,131	183.69	7,296	4,782
183.18	6,756	1,199	183.70	7,307	4,855
183.19	6,766	1,266	183.71	7,318	4,928
183.20	6,777	1,334	183.72	7,328	5,002
183.21	6,788	1,402	183.73	7,339	5,075
183.22	6,798	1,470	183.74	7,349	5,148
183.23	6,809	1,538	183.75	7,360	5,222
183.24	6,819	1,606	183.76	7,371	5,296
183.25	6,830	1,674	183.77	7,381	5,369
183.26	6,841	1,743	183.78	7,392	5,443
183.27	6,851	1,811	183.79	7,402	5,517
183.28	6,862	1,880	183.80	7,413	5,591
183.29	6,872	1,948	183.81	7,424	5,665
183.30	6,883	2,017	183.82	7,434	5,740
183.31	6,894	2,086	183.83	7,445	5,814
183.32	6,904	2,155	183.84	7,455	5,889
183.33	6,915	2,224	183.85	7,466	5,963
183.34	6,925	2,293	183.86	7,477	6,038
183.35	6,936	2,363	183.87	7,487	6,113
183.36	6,947	2,432	183.88	7,498	6,188
183.37	6,957	2,502	183.89	7,508	6,263
183.38	6,968	2,571	183.90	7,519	6,338
183.39	6,978	2,641	183.91	7,530	6,413
183.40	6,989	2,711	183.92	7,540	6,488
183.41	7,000	2,781	183.93	7,551	6,564
183.42	7,010	2,851	183.94	7,561	6,639
183.43	7,021	2,921	183.95	7,572	6,715
183.44	7,031	2,991	183.96	7,583	6,791
183.45	7,042	3,062	183.97	7,593	6,867
183.46	7,053	3,132	183.98	7,604	6,943
183.47	7,063	3,203	183.99	7,614	7,019
183.48	7,074	3,273	184.00	7,625	7,095
183.49	7,084	3,344	184.01	7,636	7,171
183.50	7,095	3,415	184.02	7,647	7,248
183.51	7,106	3,486	184.03	7,658	7,324

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.04	7,669	7,401	184.56	8,237	11,536
184.05	7,680	7,478	184.57	8,247	11,619
184.06	7,691	7,554	184.58	8,258	11,701
184.07	7,701	7,631	184.59	8,269	11,784
184.08	7,712	7,708	184.60	8,280	11,867
184.09	7,723	7,786	184.61	8,291	11,949
184.10	7,734	7,863	184.62	8,302	12,032
184.11	7,745	7,940	184.63	8,313	12,115
184.12	7,756	8,018	184.64	8,324	12,199
184.13	7,767	8,095	184.65	8,335	12,282
184.14	7,778	8,173	184.66	8,346	12,365
184.15	7,789	8,251	184.67	8,357	12,449
184.16	7,800	8,329	184.68	8,368	12,532
184.17	7,811	8,407	184.69	8,378	12,616
184.18	7,822	8,485	184.70	8,389	12,700
184.19	7,832	8,563	184.71	8,400	12,784
184.20	7,843	8,642	184.72	8,411	12,868
184.21	7,854	8,720	184.73	8,422	12,952
184.22	7,865	8,799	184.74	8,433	13,036
184.23	7,876	8,878	184.75	8,444	13,121
184.24	7,887	8,956	184.76	8,455	13,205
184.25	7,898	9,035	184.77	8,466	13,290
184.26	7,909	9,114	184.78	8,477	13,375
184.27	7,920	9,194	184.79	8,488	13,460
184.28	7,931	9,273	184.80	8,499	13,544
184.29	7,942	9,352	184.81	8,510	13,629
184.30	7,953	9,432	184.82	8,520	13,715
184.31	7,964	9,511	184.83	8,531	13,800
184.32	7,974	9,591	184.84	8,542	13,885
184.33	7,985	9,671	184.85	8,553	13,971
184.34	7,996	9,751	184.86	8,564	14,056
184.35	8,007	9,831	184.87	8,575	14,142
184.36	8,018	9,911	184.88	8,586	14,228
184.37	8,029	9,991	184.89	8,597	14,314
184.38	8,040	10,071	184.90	8,608	14,400
184.39	8,051	10,152	184.91	8,619	14,486
184.40	8,062	10,232	184.92	8,630	14,572
184.41	8,073	10,313	184.93	8,641	14,658
184.42	8,084	10,394	184.94	8,651	14,745
184.43	8,095	10,475	184.95	8,662	14,832
184.44	8,105	10,556	184.96	8,673	14,918
184.45	8,116	10,637	184.97	8,684	15,005
184.46	8,127	10,718	184.98	8,695	15,092
184.47	8,138	10,799	184.99	8,706	15,179
184.48	8,149	10,881	185.00	8,717	15,266
184.49	8,160	10,962	185.01	8,728	15,353
184.50	8,171	11,044	185.02	8,740	15,441
184.51	8,182	11,126	185.03	8,751	15,528
184.52	8,193	11,208	185.04	8,762	15,616
184.53	8,204	11,290	185.05	8,774	15,703
184.54	8,215	11,372	185.06	8,785	15,791
184.55	8,226	11,454	185.07	8,797	15,879

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.08	8,808	15,967	185.60	9,399	20,701
185.09	8,819	16,055	185.61	9,410	20,795
185.10	8,831	16,143	185.62	9,421	20,889
185.11	8,842	16,232	185.63	9,433	20,983
185.12	8,853	16,320	185.64	9,444	21,078
185.13	8,865	16,409	185.65	9,455	21,172
185.14	8,876	16,498	185.66	9,467	21,267
185.15	8,887	16,586	185.67	9,478	21,361
185.16	8,899	16,675	185.68	9,489	21,456
185.17	8,910	16,764	185.69	9,501	21,551
185.18	8,921	16,853	185.70	9,512	21,646
185.19	8,933	16,943	185.71	9,524	21,741
185.20	8,944	17,032	185.72	9,535	21,837
185.21	8,956	17,122	185.73	9,546	21,932
185.22	8,967	17,211	185.74	9,558	22,028
185.23	8,978	17,301	185.75	9,569	22,123
185.24	8,990	17,391	185.76	9,580	22,219
185.25	9,001	17,481	185.77	9,592	22,315
185.26	9,012	17,571	185.78	9,603	22,411
185.27	9,024	17,661	185.79	9,614	22,507
185.28	9,035	17,751	185.80	9,626	22,603
185.29	9,046	17,842	185.81	9,637	22,699
185.30	9,058	17,932	185.82	9,649	22,796
185.31	9,069	18,023	185.83	9,660	22,892
185.32	9,081	18,114	185.84	9,671	22,989
185.33	9,092	18,204	185.85	9,683	23,086
185.34	9,103	18,295	185.86	9,694	23,183
185.35	9,115	18,387	185.87	9,705	23,280
185.36	9,126	18,478	185.88	9,717	23,377
185.37	9,137	18,569	185.89	9,728	23,474
185.38	9,149	18,660	185.90	9,739	23,571
185.39	9,160	18,752	185.91	9,751	23,669
185.40	9,171	18,844	185.92	9,762	23,766
185.41	9,183	18,935	185.93	9,773	23,864
185.42	9,194	19,027	185.94	9,785	23,962
185.43	9,205	19,119	185.95	9,796	24,060
185.44	9,217	19,211	185.96	9,808	24,158
185.45	9,228	19,304	185.97	9,819	24,256
185.46	9,240	19,396	185.98	9,830	24,354
185.47	9,251	19,488	185.99	9,842	24,453
185.48	9,262	19,581	186.00	9,853	24,551
185.49	9,274	19,674	186.01	9,865	24,650
185.50	9,285	19,767	186.02	9,876	24,748
185.51	9,296	19,859	186.03	9,888	24,847
185.52	9,308	19,952	186.04	9,900	24,946
185.53	9,319	20,046	186.05	9,912	25,045
185.54	9,330	20,139	186.06	9,923	25,144
185.55	9,342	20,232	186.07	9,935	25,244
185.56	9,353	20,326	186.08	9,947	25,343
185.57	9,365	20,419	186.09	9,959	25,443
185.58	9,376	20,513	186.10	9,970	25,542
185.59	9,387	20,607	186.11	9,982	25,642

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.12	9,994	25,742	186.64	10,604	31,097
186.13	10,006	25,842	186.65	10,616	31,203
186.14	10,017	25,942	186.66	10,628	31,310
186.15	10,029	26,042	186.67	10,640	31,416
186.16	10,041	26,143	186.68	10,651	31,522
186.17	10,053	26,243	186.69	10,663	31,629
186.18	10,064	26,344	186.70	10,675	31,736
186.19	10,076	26,444	186.71	10,687	31,843
186.20	10,088	26,545	186.72	10,698	31,949
186.21	10,100	26,646	186.73	10,710	32,057
186.22	10,111	26,747	186.74	10,722	32,164
186.23	10,123	26,848	186.75	10,734	32,271
186.24	10,135	26,950	186.76	10,745	32,378
186.25	10,147	27,051	186.77	10,757	32,486
186.26	10,158	27,152	186.78	10,769	32,593
186.27	10,170	27,254	186.79	10,780	32,701
186.28	10,182	27,356	186.80	10,792	32,809
186.29	10,193	27,458	186.81	10,804	32,917
186.30	10,205	27,560	186.82	10,816	33,025
186.31	10,217	27,662	186.83	10,827	33,133
186.32	10,229	27,764	186.84	10,839	33,242
186.33	10,240	27,866	186.85	10,851	33,350
186.34	10,252	27,969	186.86	10,863	33,459
186.35	10,264	28,071	186.87	10,874	33,567
186.36	10,276	28,174	186.88	10,886	33,676
186.37	10,287	28,277	186.89	10,898	33,785
186.38	10,299	28,380	186.90	10,910	33,894
186.39	10,311	28,483	186.91	10,921	34,003
186.40	10,323	28,586	186.92	10,933	34,113
186.41	10,334	28,689	186.93	10,945	34,222
186.42	10,346	28,793	186.94	10,957	34,331
186.43	10,358	28,896	186.95	10,968	34,441
186.44	10,370	29,000	186.96	10,980	34,551
186.45	10,381	29,104	186.97	10,992	34,661
186.46	10,393	29,208	186.98	11,004	34,771
186.47	10,405	29,312	186.99	11,015	34,881
186.48	10,417	29,416	187.00	11,027	34,991
186.49	10,428	29,520	187.01	11,040	35,101
186.50	10,440	29,624	187.02	11,053	35,212
186.51	10,452	29,729	187.03	11,066	35,322
186.52	10,463	29,833	187.04	11,079	35,433
186.53	10,475	29,938	187.05	11,092	35,544
186.54	10,487	30,043	187.06	11,105	35,655
186.55	10,499	30,148	187.07	11,118	35,766
186.56	10,510	30,253	187.08	11,131	35,877
186.57	10,522	30,358	187.09	11,145	35,989
186.58	10,534	30,463	187.10	11,158	36,100
186.59	10,546	30,569	187.11	11,171	36,212
186.60	10,557	30,674	187.12	11,184	36,324
186.61	10,569	30,780	187.13	11,197	36,436
186.62	10,581	30,886	187.14	11,210	36,548
186.63	10,593	30,991	187.15	11,223	36,660

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.16	11,236	36,772	187.68	11,915	42,791
187.17	11,249	36,884	187.69	11,928	42,911
187.18	11,262	36,997	187.70	11,941	43,030
187.19	11,275	37,110	187.71	11,954	43,149
187.20	11,288	37,223	187.72	11,967	43,269
187.21	11,301	37,335	187.73	11,980	43,389
187.22	11,314	37,449	187.74	11,993	43,509
187.23	11,327	37,562	187.75	12,007	43,629
187.24	11,340	37,675	187.76	12,020	43,749
187.25	11,354	37,789	187.77	12,033	43,869
187.26	11,367	37,902	187.78	12,046	43,989
187.27	11,380	38,016	187.79	12,059	44,110
187.28	11,393	38,130	187.80	12,072	44,231
187.29	11,406	38,244	187.81	12,085	44,351
187.30	11,419	38,358	187.82	12,098	44,472
187.31	11,432	38,472	187.83	12,111	44,593
187.32	11,445	38,587	187.84	12,124	44,714
187.33	11,458	38,701	187.85	12,137	44,836
187.34	11,471	38,816	187.86	12,150	44,957
187.35	11,484	38,930	187.87	12,163	45,079
187.36	11,497	39,045	187.88	12,176	45,200
187.37	11,510	39,160	187.89	12,189	45,322
187.38	11,523	39,276	187.90	12,202	45,444
187.39	11,536	39,391	187.91	12,215	45,566
187.40	11,549	39,506	187.92	12,229	45,689
187.41	11,562	39,622	187.93	12,242	45,811
187.42	11,576	39,738	187.94	12,255	45,933
187.43	11,589	39,853	187.95	12,268	46,056
187.44	11,602	39,969	187.96	12,281	46,179
187.45	11,615	40,085	187.97	12,294	46,302
187.46	11,628	40,202	187.98	12,307	46,425
187.47	11,641	40,318	187.99	12,320	46,548
187.48	11,654	40,434	188.00	12,333	46,671
187.49	11,667	40,551	188.01	12,345	46,794
187.50	11,680	40,668	188.02	12,358	46,918
187.51	11,693	40,785	188.03	12,370	47,042
187.52	11,706	40,902	188.04	12,383	47,165
187.53	11,719	41,019	188.05	12,395	47,289
187.54	11,732	41,136	188.06	12,408	47,413
187.55	11,745	41,253	188.07	12,420	47,537
187.56	11,758	41,371	188.08	12,433	47,662
187.57	11,771	41,489	188.09	12,445	47,786
187.58	11,784	41,606	188.10	12,458	47,911
187.59	11,798	41,724	188.11	12,470	48,035
187.60	11,811	41,842	188.12	12,483	48,160
187.61	11,824	41,960	188.13	12,495	48,285
187.62	11,837	42,079	188.14	12,507	48,410
187.63	11,850	42,197	188.15	12,520	48,535
187.64	11,863	42,316	188.16	12,532	48,660
187.65	11,876	42,434	188.17	12,545	48,786
187.66	11,889	42,553	188.18	12,557	48,911
187.67	11,902	42,672	188.19	12,570	49,037

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.20	12,582	49,163
188.21	12,595	49,288
188.22	12,607	49,414
188.23	12,620	49,541
188.24	12,632	49,667
188.25	12,645	49,793
188.26	12,657	49,920
188.27	12,669	50,046
188.28	12,682	50,173
188.29	12,694	50,300
188.30	12,707	50,427
188.31	12,719	50,554
188.32	12,732	50,681
188.33	12,744	50,809
188.34	12,757	50,936
188.35	12,769	51,064
188.36	12,782	51,192
188.37	12,794	51,319
188.38	12,806	51,448
188.39	12,819	51,576
188.40	12,831	51,704
188.41	12,844	51,832
188.42	12,856	51,961
188.43	12,869	52,089
188.44	12,881	52,218
188.45	12,894	52,347
188.46	12,906	52,476
188.47	12,919	52,605
188.48	12,931	52,734
188.49	12,944	52,864
188.50	12,956	52,993

Summary for Pond B-50: Basin #50

Inflow Area = 2.262 ac, 29.27% Impervious, Inflow Depth = 0.35" for WQ Storm event
 Inflow = 2.00 cfs @ 1.06 hrs, Volume= 0.067 af
 Outflow = 0.00 cfs @ 2.27 hrs, Volume= 0.000 af, Atten= 100%, Lag= 72.9 min
 Primary = 0.00 cfs @ 2.27 hrs, Volume= 0.000 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 184.32' @ 2.27 hrs Surf.Area= 9,226 sf Storage= 2,914 cf

Plug-Flow detention time= 1,019.4 min calculated for 0.000 af (1% of inflow)
 Center-of-Mass det. time= 977.3 min (1,047.6 - 70.3)

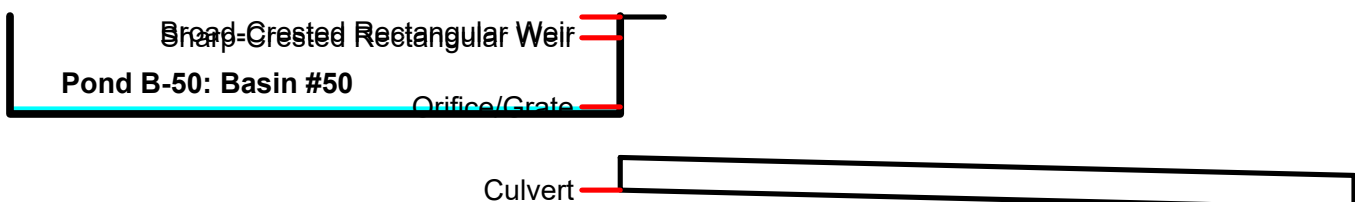
Volume	Invert	Avail.Storage	Storage Description
#1	184.00'	53,209 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
184.00	8,805	0	0
185.00	10,108	9,457	9,457
186.00	11,448	10,778	20,235
187.00	12,826	12,137	32,372
188.00	14,244	13,535	45,907
188.50	14,966	7,303	53,209

Device	Routing	Invert	Outlet Devices
#1	Primary	180.50'	18.0" Round Culvert L= 83.0' Ke= 0.500 Inlet / Outlet Invert= 180.50' / 179.67' S= 0.0100 ' /' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	184.32'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	188.45'	30.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

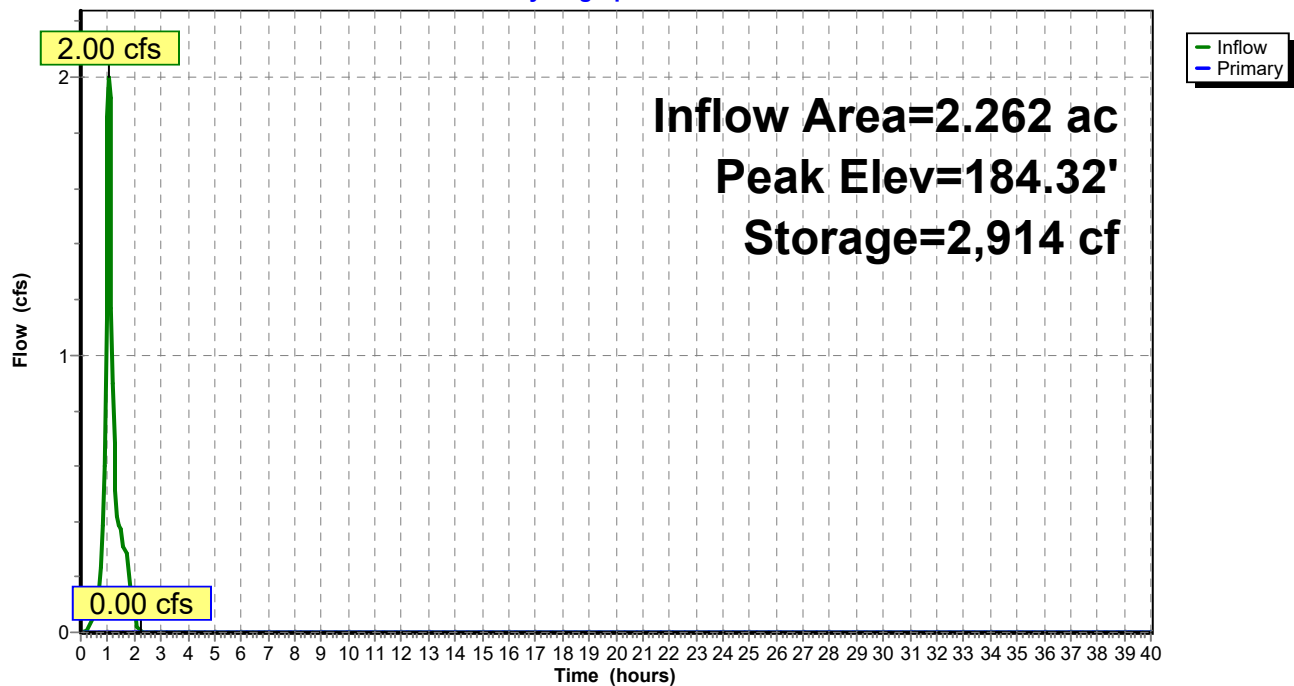
Primary OutFlow Max=0.00 cfs @ 2.27 hrs HW=184.32' (Free Discharge)

1=Culvert (Passes 0.00 cfs of 14.50 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.00 cfs @ 0.19 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-50: Basin #50

Hydrograph



Hydrograph for Pond B-50: Basin #50

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	184.00	0.00
0.10	0.00	0	184.00	0.00
0.20	0.00	0	184.00	0.00
0.30	0.00	0	184.00	0.00
0.40	0.03	4	184.00	0.00
0.50	0.07	22	184.00	0.00
0.60	0.13	58	184.01	0.00
0.70	0.16	110	184.01	0.00
0.80	0.28	183	184.02	0.00
0.90	0.60	331	184.04	0.00
1.00	1.86	755	184.09	0.00
1.10	1.92	1,455	184.16	0.00
1.20	0.89	1,919	184.21	0.00
1.30	0.51	2,168	184.24	0.00
1.40	0.39	2,323	184.26	0.00
1.50	0.38	2,462	184.27	0.00
1.60	0.31	2,586	184.29	0.00
1.70	0.31	2,697	184.30	0.00
1.80	0.21	2,798	184.31	0.00
1.90	0.11	2,852	184.32	0.00
2.00	0.10	2,891	184.32	0.00
2.10	0.02	2,912	184.32	0.00
2.20	0.00	2,914	184.32	0.00
2.30	0.00	2,914	184.32	0.00
2.40	0.00	2,914	184.32	0.00
2.50	0.00	2,914	184.32	0.00
2.60	0.00	2,914	184.32	0.00
2.70	0.00	2,914	184.32	0.00
2.80	0.00	2,914	184.32	0.00
2.90	0.00	2,914	184.32	0.00
3.00	0.00	2,914	184.32	0.00
3.10	0.00	2,914	184.32	0.00
3.20	0.00	2,914	184.32	0.00
3.30	0.00	2,913	184.32	0.00
3.40	0.00	2,913	184.32	0.00
3.50	0.00	2,913	184.32	0.00
3.60	0.00	2,913	184.32	0.00
3.70	0.00	2,913	184.32	0.00
3.80	0.00	2,913	184.32	0.00
3.90	0.00	2,913	184.32	0.00
4.00	0.00	2,913	184.32	0.00
4.10	0.00	2,913	184.32	0.00
4.20	0.00	2,913	184.32	0.00
4.30	0.00	2,913	184.32	0.00
4.40	0.00	2,912	184.32	0.00
4.50	0.00	2,912	184.32	0.00
4.60	0.00	2,912	184.32	0.00
4.70	0.00	2,912	184.32	0.00
4.80	0.00	2,912	184.32	0.00
4.90	0.00	2,912	184.32	0.00
5.00	0.00	2,912	184.32	0.00
5.10	0.00	2,912	184.32	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.00	2,912	184.32	0.00
5.30	0.00	2,912	184.32	0.00
5.40	0.00	2,912	184.32	0.00
5.50	0.00	2,912	184.32	0.00
5.60	0.00	2,911	184.32	0.00
5.70	0.00	2,911	184.32	0.00
5.80	0.00	2,911	184.32	0.00
5.90	0.00	2,911	184.32	0.00
6.00	0.00	2,911	184.32	0.00
6.10	0.00	2,911	184.32	0.00
6.20	0.00	2,911	184.32	0.00
6.30	0.00	2,911	184.32	0.00
6.40	0.00	2,911	184.32	0.00
6.50	0.00	2,911	184.32	0.00
6.60	0.00	2,911	184.32	0.00
6.70	0.00	2,911	184.32	0.00
6.80	0.00	2,910	184.32	0.00
6.90	0.00	2,910	184.32	0.00
7.00	0.00	2,910	184.32	0.00
7.10	0.00	2,910	184.32	0.00
7.20	0.00	2,910	184.32	0.00
7.30	0.00	2,910	184.32	0.00
7.40	0.00	2,910	184.32	0.00
7.50	0.00	2,910	184.32	0.00
7.60	0.00	2,910	184.32	0.00
7.70	0.00	2,910	184.32	0.00
7.80	0.00	2,910	184.32	0.00
7.90	0.00	2,910	184.32	0.00
8.00	0.00	2,910	184.32	0.00
8.10	0.00	2,909	184.32	0.00
8.20	0.00	2,909	184.32	0.00
8.30	0.00	2,909	184.32	0.00
8.40	0.00	2,909	184.32	0.00
8.50	0.00	2,909	184.32	0.00
8.60	0.00	2,909	184.32	0.00
8.70	0.00	2,909	184.32	0.00
8.80	0.00	2,909	184.32	0.00
8.90	0.00	2,909	184.32	0.00
9.00	0.00	2,909	184.32	0.00
9.10	0.00	2,909	184.32	0.00
9.20	0.00	2,909	184.32	0.00
9.30	0.00	2,909	184.32	0.00
9.40	0.00	2,908	184.32	0.00
9.50	0.00	2,908	184.32	0.00
9.60	0.00	2,908	184.32	0.00
9.70	0.00	2,908	184.32	0.00
9.80	0.00	2,908	184.32	0.00
9.90	0.00	2,908	184.32	0.00
10.00	0.00	2,908	184.32	0.00
10.10	0.00	2,908	184.32	0.00
10.20	0.00	2,908	184.32	0.00
10.30	0.00	2,908	184.32	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.00	2,908	184.32	0.00
10.50	0.00	2,908	184.32	0.00
10.60	0.00	2,908	184.32	0.00
10.70	0.00	2,908	184.32	0.00
10.80	0.00	2,907	184.32	0.00
10.90	0.00	2,907	184.32	0.00
11.00	0.00	2,907	184.32	0.00
11.10	0.00	2,907	184.32	0.00
11.20	0.00	2,907	184.32	0.00
11.30	0.00	2,907	184.32	0.00
11.40	0.00	2,907	184.32	0.00
11.50	0.00	2,907	184.32	0.00
11.60	0.00	2,907	184.32	0.00
11.70	0.00	2,907	184.32	0.00
11.80	0.00	2,907	184.32	0.00
11.90	0.00	2,907	184.32	0.00
12.00	0.00	2,907	184.32	0.00
12.10	0.00	2,907	184.32	0.00
12.20	0.00	2,907	184.32	0.00
12.30	0.00	2,906	184.32	0.00
12.40	0.00	2,906	184.32	0.00
12.50	0.00	2,906	184.32	0.00
12.60	0.00	2,906	184.32	0.00
12.70	0.00	2,906	184.32	0.00
12.80	0.00	2,906	184.32	0.00
12.90	0.00	2,906	184.32	0.00
13.00	0.00	2,906	184.32	0.00
13.10	0.00	2,906	184.32	0.00
13.20	0.00	2,906	184.32	0.00
13.30	0.00	2,906	184.32	0.00
13.40	0.00	2,906	184.32	0.00
13.50	0.00	2,906	184.32	0.00
13.60	0.00	2,906	184.32	0.00
13.70	0.00	2,906	184.32	0.00
13.80	0.00	2,905	184.32	0.00
13.90	0.00	2,905	184.32	0.00
14.00	0.00	2,905	184.32	0.00
14.10	0.00	2,905	184.32	0.00
14.20	0.00	2,905	184.32	0.00
14.30	0.00	2,905	184.32	0.00
14.40	0.00	2,905	184.32	0.00
14.50	0.00	2,905	184.32	0.00
14.60	0.00	2,905	184.32	0.00
14.70	0.00	2,905	184.32	0.00
14.80	0.00	2,905	184.32	0.00
14.90	0.00	2,905	184.32	0.00
15.00	0.00	2,905	184.32	0.00
15.10	0.00	2,905	184.32	0.00
15.20	0.00	2,905	184.32	0.00
15.30	0.00	2,905	184.32	0.00
15.40	0.00	2,904	184.32	0.00
15.50	0.00	2,904	184.32	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.00	2,904	184.32	0.00
15.70	0.00	2,904	184.32	0.00
15.80	0.00	2,904	184.32	0.00
15.90	0.00	2,904	184.32	0.00
16.00	0.00	2,904	184.32	0.00
16.10	0.00	2,904	184.32	0.00
16.20	0.00	2,904	184.32	0.00
16.30	0.00	2,904	184.32	0.00
16.40	0.00	2,904	184.32	0.00
16.50	0.00	2,904	184.32	0.00
16.60	0.00	2,904	184.32	0.00
16.70	0.00	2,904	184.32	0.00
16.80	0.00	2,904	184.32	0.00
16.90	0.00	2,904	184.32	0.00
17.00	0.00	2,904	184.32	0.00
17.10	0.00	2,903	184.32	0.00
17.20	0.00	2,903	184.32	0.00
17.30	0.00	2,903	184.32	0.00
17.40	0.00	2,903	184.32	0.00
17.50	0.00	2,903	184.32	0.00
17.60	0.00	2,903	184.32	0.00
17.70	0.00	2,903	184.32	0.00
17.80	0.00	2,903	184.32	0.00
17.90	0.00	2,903	184.32	0.00
18.00	0.00	2,903	184.32	0.00
18.10	0.00	2,903	184.32	0.00
18.20	0.00	2,903	184.32	0.00
18.30	0.00	2,903	184.32	0.00
18.40	0.00	2,903	184.32	0.00
18.50	0.00	2,903	184.32	0.00
18.60	0.00	2,903	184.32	0.00
18.70	0.00	2,903	184.32	0.00
18.80	0.00	2,902	184.32	0.00
18.90	0.00	2,902	184.32	0.00
19.00	0.00	2,902	184.32	0.00
19.10	0.00	2,902	184.32	0.00
19.20	0.00	2,902	184.32	0.00
19.30	0.00	2,902	184.32	0.00
19.40	0.00	2,902	184.32	0.00
19.50	0.00	2,902	184.32	0.00
19.60	0.00	2,902	184.32	0.00
19.70	0.00	2,902	184.32	0.00
19.80	0.00	2,902	184.32	0.00
19.90	0.00	2,902	184.32	0.00
20.00	0.00	2,902	184.32	0.00
20.10	0.00	2,902	184.32	0.00
20.20	0.00	2,902	184.32	0.00
20.30	0.00	2,902	184.32	0.00
20.40	0.00	2,902	184.32	0.00
20.50	0.00	2,902	184.32	0.00
20.60	0.00	2,902	184.32	0.00
20.70	0.00	2,901	184.32	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.00	2,901	184.32	0.00
20.90	0.00	2,901	184.32	0.00
21.00	0.00	2,901	184.32	0.00
21.10	0.00	2,901	184.32	0.00
21.20	0.00	2,901	184.32	0.00
21.30	0.00	2,901	184.32	0.00
21.40	0.00	2,901	184.32	0.00
21.50	0.00	2,901	184.32	0.00
21.60	0.00	2,901	184.32	0.00
21.70	0.00	2,901	184.32	0.00
21.80	0.00	2,901	184.32	0.00
21.90	0.00	2,901	184.32	0.00
22.00	0.00	2,901	184.32	0.00
22.10	0.00	2,901	184.32	0.00
22.20	0.00	2,901	184.32	0.00
22.30	0.00	2,901	184.32	0.00
22.40	0.00	2,901	184.32	0.00
22.50	0.00	2,901	184.32	0.00
22.60	0.00	2,901	184.32	0.00
22.70	0.00	2,900	184.32	0.00
22.80	0.00	2,900	184.32	0.00
22.90	0.00	2,900	184.32	0.00
23.00	0.00	2,900	184.32	0.00
23.10	0.00	2,900	184.32	0.00
23.20	0.00	2,900	184.32	0.00
23.30	0.00	2,900	184.32	0.00
23.40	0.00	2,900	184.32	0.00
23.50	0.00	2,900	184.32	0.00
23.60	0.00	2,900	184.32	0.00
23.70	0.00	2,900	184.32	0.00
23.80	0.00	2,900	184.32	0.00
23.90	0.00	2,900	184.32	0.00
24.00	0.00	2,900	184.32	0.00
24.10	0.00	2,900	184.32	0.00
24.20	0.00	2,900	184.32	0.00
24.30	0.00	2,900	184.32	0.00
24.40	0.00	2,900	184.32	0.00
24.50	0.00	2,900	184.32	0.00
24.60	0.00	2,900	184.32	0.00
24.70	0.00	2,900	184.32	0.00
24.80	0.00	2,899	184.32	0.00
24.90	0.00	2,899	184.32	0.00
25.00	0.00	2,899	184.32	0.00
25.10	0.00	2,899	184.32	0.00
25.20	0.00	2,899	184.32	0.00
25.30	0.00	2,899	184.32	0.00
25.40	0.00	2,899	184.32	0.00
25.50	0.00	2,899	184.32	0.00
25.60	0.00	2,899	184.32	0.00
25.70	0.00	2,899	184.32	0.00
25.80	0.00	2,899	184.32	0.00
25.90	0.00	2,899	184.32	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	2,899	184.32	0.00
26.10	0.00	2,899	184.32	0.00
26.20	0.00	2,899	184.32	0.00
26.30	0.00	2,899	184.32	0.00
26.40	0.00	2,899	184.32	0.00
26.50	0.00	2,899	184.32	0.00
26.60	0.00	2,899	184.32	0.00
26.70	0.00	2,899	184.32	0.00
26.80	0.00	2,899	184.32	0.00
26.90	0.00	2,899	184.32	0.00
27.00	0.00	2,898	184.32	0.00
27.10	0.00	2,898	184.32	0.00
27.20	0.00	2,898	184.32	0.00
27.30	0.00	2,898	184.32	0.00
27.40	0.00	2,898	184.32	0.00
27.50	0.00	2,898	184.32	0.00
27.60	0.00	2,898	184.32	0.00
27.70	0.00	2,898	184.32	0.00
27.80	0.00	2,898	184.32	0.00
27.90	0.00	2,898	184.32	0.00
28.00	0.00	2,898	184.32	0.00
28.10	0.00	2,898	184.32	0.00
28.20	0.00	2,898	184.32	0.00
28.30	0.00	2,898	184.32	0.00
28.40	0.00	2,898	184.32	0.00
28.50	0.00	2,898	184.32	0.00
28.60	0.00	2,898	184.32	0.00
28.70	0.00	2,898	184.32	0.00
28.80	0.00	2,898	184.32	0.00
28.90	0.00	2,898	184.32	0.00
29.00	0.00	2,898	184.32	0.00
29.10	0.00	2,898	184.32	0.00
29.20	0.00	2,898	184.32	0.00
29.30	0.00	2,898	184.32	0.00
29.40	0.00	2,897	184.32	0.00
29.50	0.00	2,897	184.32	0.00
29.60	0.00	2,897	184.32	0.00
29.70	0.00	2,897	184.32	0.00
29.80	0.00	2,897	184.32	0.00
29.90	0.00	2,897	184.32	0.00
30.00	0.00	2,897	184.32	0.00
30.10	0.00	2,897	184.32	0.00
30.20	0.00	2,897	184.32	0.00
30.30	0.00	2,897	184.32	0.00
30.40	0.00	2,897	184.32	0.00
30.50	0.00	2,897	184.32	0.00
30.60	0.00	2,897	184.32	0.00
30.70	0.00	2,897	184.32	0.00
30.80	0.00	2,897	184.32	0.00
30.90	0.00	2,897	184.32	0.00
31.00	0.00	2,897	184.32	0.00
31.10	0.00	2,897	184.32	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	2,897	184.32	0.00
31.30	0.00	2,897	184.32	0.00
31.40	0.00	2,897	184.32	0.00
31.50	0.00	2,897	184.32	0.00
31.60	0.00	2,897	184.32	0.00
31.70	0.00	2,897	184.32	0.00
31.80	0.00	2,897	184.32	0.00
31.90	0.00	2,897	184.32	0.00
32.00	0.00	2,896	184.32	0.00
32.10	0.00	2,896	184.32	0.00
32.20	0.00	2,896	184.32	0.00
32.30	0.00	2,896	184.32	0.00
32.40	0.00	2,896	184.32	0.00
32.50	0.00	2,896	184.32	0.00
32.60	0.00	2,896	184.32	0.00
32.70	0.00	2,896	184.32	0.00
32.80	0.00	2,896	184.32	0.00
32.90	0.00	2,896	184.32	0.00
33.00	0.00	2,896	184.32	0.00
33.10	0.00	2,896	184.32	0.00
33.20	0.00	2,896	184.32	0.00
33.30	0.00	2,896	184.32	0.00
33.40	0.00	2,896	184.32	0.00
33.50	0.00	2,896	184.32	0.00
33.60	0.00	2,896	184.32	0.00
33.70	0.00	2,896	184.32	0.00
33.80	0.00	2,896	184.32	0.00
33.90	0.00	2,896	184.32	0.00
34.00	0.00	2,896	184.32	0.00
34.10	0.00	2,896	184.32	0.00
34.20	0.00	2,896	184.32	0.00
34.30	0.00	2,896	184.32	0.00
34.40	0.00	2,896	184.32	0.00
34.50	0.00	2,896	184.32	0.00
34.60	0.00	2,896	184.32	0.00
34.70	0.00	2,896	184.32	0.00
34.80	0.00	2,896	184.32	0.00
34.90	0.00	2,895	184.32	0.00
35.00	0.00	2,895	184.32	0.00
35.10	0.00	2,895	184.32	0.00
35.20	0.00	2,895	184.32	0.00
35.30	0.00	2,895	184.32	0.00
35.40	0.00	2,895	184.32	0.00
35.50	0.00	2,895	184.32	0.00
35.60	0.00	2,895	184.32	0.00
35.70	0.00	2,895	184.32	0.00
35.80	0.00	2,895	184.32	0.00
35.90	0.00	2,895	184.32	0.00
36.00	0.00	2,895	184.32	0.00
36.10	0.00	2,895	184.32	0.00
36.20	0.00	2,895	184.32	0.00
36.30	0.00	2,895	184.32	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	2,895	184.32	0.00
36.50	0.00	2,895	184.32	0.00
36.60	0.00	2,895	184.32	0.00
36.70	0.00	2,895	184.32	0.00
36.80	0.00	2,895	184.32	0.00
36.90	0.00	2,895	184.32	0.00
37.00	0.00	2,895	184.32	0.00
37.10	0.00	2,895	184.32	0.00
37.20	0.00	2,895	184.32	0.00
37.30	0.00	2,895	184.32	0.00
37.40	0.00	2,895	184.32	0.00
37.50	0.00	2,895	184.32	0.00
37.60	0.00	2,895	184.32	0.00
37.70	0.00	2,895	184.32	0.00
37.80	0.00	2,895	184.32	0.00
37.90	0.00	2,895	184.32	0.00
38.00	0.00	2,894	184.32	0.00
38.10	0.00	2,894	184.32	0.00
38.20	0.00	2,894	184.32	0.00
38.30	0.00	2,894	184.32	0.00
38.40	0.00	2,894	184.32	0.00
38.50	0.00	2,894	184.32	0.00
38.60	0.00	2,894	184.32	0.00
38.70	0.00	2,894	184.32	0.00
38.80	0.00	2,894	184.32	0.00
38.90	0.00	2,894	184.32	0.00
39.00	0.00	2,894	184.32	0.00
39.10	0.00	2,894	184.32	0.00
39.20	0.00	2,894	184.32	0.00
39.30	0.00	2,894	184.32	0.00
39.40	0.00	2,894	184.32	0.00
39.50	0.00	2,894	184.32	0.00
39.60	0.00	2,894	184.32	0.00
39.70	0.00	2,894	184.32	0.00
39.80	0.00	2,894	184.32	0.00
39.90	0.00	2,894	184.32	0.00
40.00	0.00	2,894	184.32	0.00

Stage-Discharge for Pond B-50: Basin #50

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.00	0.00	184.52	0.05	185.04	0.13	185.56	0.17
184.01	0.00	184.53	0.05	185.05	0.13	185.57	0.18
184.02	0.00	184.54	0.06	185.06	0.13	185.58	0.18
184.03	0.00	184.55	0.06	185.07	0.13	185.59	0.18
184.04	0.00	184.56	0.06	185.08	0.13	185.60	0.18
184.05	0.00	184.57	0.06	185.09	0.13	185.61	0.18
184.06	0.00	184.58	0.06	185.10	0.13	185.62	0.18
184.07	0.00	184.59	0.07	185.11	0.14	185.63	0.18
184.08	0.00	184.60	0.07	185.12	0.14	185.64	0.18
184.09	0.00	184.61	0.07	185.13	0.14	185.65	0.18
184.10	0.00	184.62	0.07	185.14	0.14	185.66	0.18
184.11	0.00	184.63	0.07	185.15	0.14	185.67	0.18
184.12	0.00	184.64	0.08	185.16	0.14	185.68	0.18
184.13	0.00	184.65	0.08	185.17	0.14	185.69	0.18
184.14	0.00	184.66	0.08	185.18	0.14	185.70	0.19
184.15	0.00	184.67	0.08	185.19	0.14	185.71	0.19
184.16	0.00	184.68	0.08	185.20	0.14	185.72	0.19
184.17	0.00	184.69	0.08	185.21	0.15	185.73	0.19
184.18	0.00	184.70	0.09	185.22	0.15	185.74	0.19
184.19	0.00	184.71	0.09	185.23	0.15	185.75	0.19
184.20	0.00	184.72	0.09	185.24	0.15	185.76	0.19
184.21	0.00	184.73	0.09	185.25	0.15	185.77	0.19
184.22	0.00	184.74	0.09	185.26	0.15	185.78	0.19
184.23	0.00	184.75	0.09	185.27	0.15	185.79	0.19
184.24	0.00	184.76	0.10	185.28	0.15	185.80	0.19
184.25	0.00	184.77	0.10	185.29	0.15	185.81	0.19
184.26	0.00	184.78	0.10	185.30	0.15	185.82	0.19
184.27	0.00	184.79	0.10	185.31	0.15	185.83	0.19
184.28	0.00	184.80	0.10	185.32	0.16	185.84	0.20
184.29	0.00	184.81	0.10	185.33	0.16	185.85	0.20
184.30	0.00	184.82	0.10	185.34	0.16	185.86	0.20
184.31	0.00	184.83	0.10	185.35	0.16	185.87	0.20
184.32	0.00	184.84	0.11	185.36	0.16	185.88	0.20
184.33	0.00	184.85	0.11	185.37	0.16	185.89	0.20
184.34	0.00	184.86	0.11	185.38	0.16	185.90	0.20
184.35	0.00	184.87	0.11	185.39	0.16	185.91	0.20
184.36	0.00	184.88	0.11	185.40	0.16	185.92	0.20
184.37	0.00	184.89	0.11	185.41	0.16	185.93	0.20
184.38	0.01	184.90	0.11	185.42	0.16	185.94	0.20
184.39	0.01	184.91	0.11	185.43	0.16	185.95	0.20
184.40	0.01	184.92	0.12	185.44	0.17	185.96	0.20
184.41	0.01	184.93	0.12	185.45	0.17	185.97	0.20
184.42	0.02	184.94	0.12	185.46	0.17	185.98	0.20
184.43	0.02	184.95	0.12	185.47	0.17	185.99	0.21
184.44	0.02	184.96	0.12	185.48	0.17	186.00	0.21
184.45	0.03	184.97	0.12	185.49	0.17	186.01	0.21
184.46	0.03	184.98	0.12	185.50	0.17	186.02	0.21
184.47	0.03	184.99	0.12	185.51	0.17	186.03	0.21
184.48	0.04	185.00	0.12	185.52	0.17	186.04	0.21
184.49	0.04	185.01	0.13	185.53	0.17	186.05	0.21
184.50	0.05	185.02	0.13	185.54	0.17	186.06	0.21
184.51	0.05	185.03	0.13	185.55	0.17	186.07	0.21

Stage-Discharge for Pond B-50: Basin #50 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.08	0.21	186.60	0.24	187.12	0.27	187.64	0.97
186.09	0.21	186.61	0.24	187.13	0.27	187.65	1.05
186.10	0.21	186.62	0.24	187.14	0.27	187.66	1.13
186.11	0.21	186.63	0.24	187.15	0.27	187.67	1.20
186.12	0.21	186.64	0.24	187.16	0.27	187.68	1.29
186.13	0.21	186.65	0.24	187.17	0.27	187.69	1.37
186.14	0.22	186.66	0.25	187.18	0.27	187.70	1.46
186.15	0.22	186.67	0.25	187.19	0.27	187.71	1.54
186.16	0.22	186.68	0.25	187.20	0.27	187.72	1.63
186.17	0.22	186.69	0.25	187.21	0.27	187.73	1.72
186.18	0.22	186.70	0.25	187.22	0.27	187.74	1.82
186.19	0.22	186.71	0.25	187.23	0.27	187.75	1.91
186.20	0.22	186.72	0.25	187.24	0.28	187.76	2.01
186.21	0.22	186.73	0.25	187.25	0.28	187.77	2.11
186.22	0.22	186.74	0.25	187.26	0.28	187.78	2.21
186.23	0.22	186.75	0.25	187.27	0.28	187.79	2.31
186.24	0.22	186.76	0.25	187.28	0.28	187.80	2.42
186.25	0.22	186.77	0.25	187.29	0.28	187.81	2.52
186.26	0.22	186.78	0.25	187.30	0.28	187.82	2.63
186.27	0.22	186.79	0.25	187.31	0.28	187.83	2.74
186.28	0.22	186.80	0.25	187.32	0.28	187.84	2.85
186.29	0.22	186.81	0.25	187.33	0.28	187.85	2.96
186.30	0.22	186.82	0.25	187.34	0.28	187.86	3.08
186.31	0.23	186.83	0.25	187.35	0.28	187.87	3.19
186.32	0.23	186.84	0.26	187.36	0.28	187.88	3.31
186.33	0.23	186.85	0.26	187.37	0.28	187.89	3.43
186.34	0.23	186.86	0.26	187.38	0.28	187.90	3.55
186.35	0.23	186.87	0.26	187.39	0.28	187.91	3.67
186.36	0.23	186.88	0.26	187.40	0.28	187.92	3.79
186.37	0.23	186.89	0.26	187.41	0.28	187.93	3.92
186.38	0.23	186.90	0.26	187.42	0.28	187.94	4.04
186.39	0.23	186.91	0.26	187.43	0.28	187.95	4.17
186.40	0.23	186.92	0.26	187.44	0.29	187.96	4.30
186.41	0.23	186.93	0.26	187.45	0.29	187.97	4.42
186.42	0.23	186.94	0.26	187.46	0.29	187.98	4.55
186.43	0.23	186.95	0.26	187.47	0.29	187.99	4.69
186.44	0.23	186.96	0.26	187.48	0.29	188.00	4.82
186.45	0.23	186.97	0.26	187.49	0.29	188.01	4.95
186.46	0.23	186.98	0.26	187.50	0.29	188.02	5.09
186.47	0.23	186.99	0.26	187.51	0.30	188.03	5.22
186.48	0.24	187.00	0.26	187.52	0.33	188.04	5.36
186.49	0.24	187.01	0.26	187.53	0.36	188.05	5.50
186.50	0.24	187.02	0.26	187.54	0.39	188.06	5.64
186.51	0.24	187.03	0.26	187.55	0.44	188.07	5.78
186.52	0.24	187.04	0.27	187.56	0.48	188.08	5.92
186.53	0.24	187.05	0.27	187.57	0.53	188.09	6.07
186.54	0.24	187.06	0.27	187.58	0.59	188.10	6.21
186.55	0.24	187.07	0.27	187.59	0.64	188.11	6.36
186.56	0.24	187.08	0.27	187.60	0.70	188.12	6.50
186.57	0.24	187.09	0.27	187.61	0.77	188.13	6.65
186.58	0.24	187.10	0.27	187.62	0.83	188.14	6.80
186.59	0.24	187.11	0.27	187.63	0.90	188.15	6.95

Stage-Discharge for Pond B-50: Basin #50 (continued)

Elevation (feet)	Primary (cfs)
188.16	7.10
188.17	7.25
188.18	7.40
188.19	7.56
188.20	7.71
188.21	7.87
188.22	8.02
188.23	8.18
188.24	8.34
188.25	8.50
188.26	8.66
188.27	8.82
188.28	8.98
188.29	9.14
188.30	9.31
188.31	9.47
188.32	9.64
188.33	9.80
188.34	9.97
188.35	10.14
188.36	10.31
188.37	10.48
188.38	10.65
188.39	10.82
188.40	10.99
188.41	11.17
188.42	11.34
188.43	11.51
188.44	11.69
188.45	11.87
188.46	12.11
188.47	12.42
188.48	12.76
188.49	13.14
188.50	13.55

Stage-Area-Storage for Pond B-50: Basin #50

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.00	8,805	0	184.52	9,483	4,755
184.01	8,818	88	184.53	9,496	4,850
184.02	8,831	176	184.54	9,509	4,945
184.03	8,844	265	184.55	9,522	5,040
184.04	8,857	353	184.56	9,535	5,135
184.05	8,870	442	184.57	9,548	5,231
184.06	8,883	531	184.58	9,561	5,326
184.07	8,896	620	184.59	9,574	5,422
184.08	8,909	709	184.60	9,587	5,518
184.09	8,922	798	184.61	9,600	5,613
184.10	8,935	887	184.62	9,613	5,710
184.11	8,948	976	184.63	9,626	5,806
184.12	8,961	1,066	184.64	9,639	5,902
184.13	8,974	1,156	184.65	9,652	5,999
184.14	8,987	1,245	184.66	9,665	6,095
184.15	9,000	1,335	184.67	9,678	6,192
184.16	9,013	1,425	184.68	9,691	6,289
184.17	9,027	1,516	184.69	9,704	6,386
184.18	9,040	1,606	184.70	9,717	6,483
184.19	9,053	1,696	184.71	9,730	6,580
184.20	9,066	1,787	184.72	9,743	6,677
184.21	9,079	1,878	184.73	9,756	6,775
184.22	9,092	1,969	184.74	9,769	6,872
184.23	9,105	2,060	184.75	9,782	6,970
184.24	9,118	2,151	184.76	9,795	7,068
184.25	9,131	2,242	184.77	9,808	7,166
184.26	9,144	2,333	184.78	9,821	7,264
184.27	9,157	2,425	184.79	9,834	7,363
184.28	9,170	2,516	184.80	9,847	7,461
184.29	9,183	2,608	184.81	9,860	7,559
184.30	9,196	2,700	184.82	9,873	7,658
184.31	9,209	2,792	184.83	9,886	7,757
184.32	9,222	2,884	184.84	9,900	7,856
184.33	9,235	2,977	184.85	9,913	7,955
184.34	9,248	3,069	184.86	9,926	8,054
184.35	9,261	3,162	184.87	9,939	8,153
184.36	9,274	3,254	184.88	9,952	8,253
184.37	9,287	3,347	184.89	9,965	8,353
184.38	9,300	3,440	184.90	9,978	8,452
184.39	9,313	3,533	184.91	9,991	8,552
184.40	9,326	3,626	184.92	10,004	8,652
184.41	9,339	3,720	184.93	10,017	8,752
184.42	9,352	3,813	184.94	10,030	8,852
184.43	9,365	3,907	184.95	10,043	8,953
184.44	9,378	4,000	184.96	10,056	9,053
184.45	9,391	4,094	184.97	10,069	9,154
184.46	9,404	4,188	184.98	10,082	9,255
184.47	9,417	4,282	184.99	10,095	9,355
184.48	9,430	4,377	185.00	10,108	9,457
184.49	9,443	4,471	185.01	10,121	9,558
184.50	9,457	4,565	185.02	10,135	9,659
184.51	9,470	4,660	185.03	10,148	9,760

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.04	10,162	9,862	185.56	10,858	15,327
185.05	10,175	9,964	185.57	10,872	15,436
185.06	10,188	10,065	185.58	10,885	15,545
185.07	10,202	10,167	185.59	10,899	15,653
185.08	10,215	10,269	185.60	10,912	15,762
185.09	10,229	10,372	185.61	10,925	15,872
185.10	10,242	10,474	185.62	10,939	15,981
185.11	10,255	10,576	185.63	10,952	16,090
185.12	10,269	10,679	185.64	10,966	16,200
185.13	10,282	10,782	185.65	10,979	16,310
185.14	10,296	10,885	185.66	10,992	16,420
185.15	10,309	10,988	185.67	11,006	16,530
185.16	10,322	11,091	185.68	11,019	16,640
185.17	10,336	11,194	185.69	11,033	16,750
185.18	10,349	11,298	185.70	11,046	16,860
185.19	10,363	11,401	185.71	11,059	16,971
185.20	10,376	11,505	185.72	11,073	17,082
185.21	10,389	11,609	185.73	11,086	17,192
185.22	10,403	11,713	185.74	11,100	17,303
185.23	10,416	11,817	185.75	11,113	17,414
185.24	10,430	11,921	185.76	11,126	17,526
185.25	10,443	12,025	185.77	11,140	17,637
185.26	10,456	12,130	185.78	11,153	17,748
185.27	10,470	12,235	185.79	11,167	17,860
185.28	10,483	12,339	185.80	11,180	17,972
185.29	10,497	12,444	185.81	11,193	18,084
185.30	10,510	12,549	185.82	11,207	18,196
185.31	10,523	12,654	185.83	11,220	18,308
185.32	10,537	12,760	185.84	11,234	18,420
185.33	10,550	12,865	185.85	11,247	18,532
185.34	10,564	12,971	185.86	11,260	18,645
185.35	10,577	13,076	185.87	11,274	18,758
185.36	10,590	13,182	185.88	11,287	18,870
185.37	10,604	13,288	185.89	11,301	18,983
185.38	10,617	13,394	185.90	11,314	19,096
185.39	10,631	13,501	185.91	11,327	19,210
185.40	10,644	13,607	185.92	11,341	19,323
185.41	10,657	13,713	185.93	11,354	19,436
185.42	10,671	13,820	185.94	11,368	19,550
185.43	10,684	13,927	185.95	11,381	19,664
185.44	10,698	14,034	185.96	11,394	19,778
185.45	10,711	14,141	185.97	11,408	19,892
185.46	10,724	14,248	185.98	11,421	20,006
185.47	10,738	14,355	185.99	11,435	20,120
185.48	10,751	14,463	186.00	11,448	20,235
185.49	10,765	14,570	186.01	11,462	20,349
185.50	10,778	14,678	186.02	11,476	20,464
185.51	10,791	14,786	186.03	11,489	20,579
185.52	10,805	14,894	186.04	11,503	20,694
185.53	10,818	15,002	186.05	11,517	20,809
185.54	10,832	15,110	186.06	11,531	20,924
185.55	10,845	15,219	186.07	11,544	21,039

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.08	11,558	21,155	186.60	12,275	27,351
186.09	11,572	21,270	186.61	12,289	27,474
186.10	11,586	21,386	186.62	12,302	27,597
186.11	11,600	21,502	186.63	12,316	27,720
186.12	11,613	21,618	186.64	12,330	27,843
186.13	11,627	21,734	186.65	12,344	27,967
186.14	11,641	21,851	186.66	12,357	28,090
186.15	11,655	21,967	186.67	12,371	28,214
186.16	11,668	22,084	186.68	12,385	28,338
186.17	11,682	22,201	186.69	12,399	28,462
186.18	11,696	22,317	186.70	12,413	28,586
186.19	11,710	22,434	186.71	12,426	28,710
186.20	11,724	22,552	186.72	12,440	28,834
186.21	11,737	22,669	186.73	12,454	28,959
186.22	11,751	22,786	186.74	12,468	29,083
186.23	11,765	22,904	186.75	12,482	29,208
186.24	11,779	23,022	186.76	12,495	29,333
186.25	11,793	23,140	186.77	12,509	29,458
186.26	11,806	23,258	186.78	12,523	29,583
186.27	11,820	23,376	186.79	12,537	29,708
186.28	11,834	23,494	186.80	12,550	29,834
186.29	11,848	23,612	186.81	12,564	29,959
186.30	11,861	23,731	186.82	12,578	30,085
186.31	11,875	23,850	186.83	12,592	30,211
186.32	11,889	23,968	186.84	12,606	30,337
186.33	11,903	24,087	186.85	12,619	30,463
186.34	11,917	24,206	186.86	12,633	30,589
186.35	11,930	24,326	186.87	12,647	30,716
186.36	11,944	24,445	186.88	12,661	30,842
186.37	11,958	24,565	186.89	12,674	30,969
186.38	11,972	24,684	186.90	12,688	31,096
186.39	11,985	24,804	186.91	12,702	31,223
186.40	11,999	24,924	186.92	12,716	31,350
186.41	12,013	25,044	186.93	12,730	31,477
186.42	12,027	25,164	186.94	12,743	31,604
186.43	12,041	25,285	186.95	12,757	31,732
186.44	12,054	25,405	186.96	12,771	31,860
186.45	12,068	25,526	186.97	12,785	31,987
186.46	12,082	25,646	186.98	12,798	32,115
186.47	12,096	25,767	186.99	12,812	32,243
186.48	12,109	25,888	187.00	12,826	32,372
186.49	12,123	26,009	187.01	12,840	32,500
186.50	12,137	26,131	187.02	12,854	32,628
186.51	12,151	26,252	187.03	12,869	32,757
186.52	12,165	26,374	187.04	12,883	32,886
186.53	12,178	26,495	187.05	12,897	33,015
186.54	12,192	26,617	187.06	12,911	33,144
186.55	12,206	26,739	187.07	12,925	33,273
186.56	12,220	26,861	187.08	12,939	33,402
186.57	12,233	26,984	187.09	12,954	33,532
186.58	12,247	27,106	187.10	12,968	33,661
186.59	12,261	27,229	187.11	12,982	33,791

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.12	12,996	33,921	187.64	13,734	40,871
187.13	13,010	34,051	187.65	13,748	41,008
187.14	13,025	34,181	187.66	13,762	41,146
187.15	13,039	34,311	187.67	13,776	41,283
187.16	13,053	34,442	187.68	13,790	41,421
187.17	13,067	34,572	187.69	13,804	41,559
187.18	13,081	34,703	187.70	13,819	41,697
187.19	13,095	34,834	187.71	13,833	41,835
187.20	13,110	34,965	187.72	13,847	41,974
187.21	13,124	35,096	187.73	13,861	42,112
187.22	13,138	35,228	187.74	13,875	42,251
187.23	13,152	35,359	187.75	13,890	42,390
187.24	13,166	35,491	187.76	13,904	42,529
187.25	13,181	35,622	187.77	13,918	42,668
187.26	13,195	35,754	187.78	13,932	42,807
187.27	13,209	35,886	187.79	13,946	42,947
187.28	13,223	36,018	187.80	13,960	43,086
187.29	13,237	36,151	187.81	13,975	43,226
187.30	13,251	36,283	187.82	13,989	43,366
187.31	13,266	36,416	187.83	14,003	43,506
187.32	13,280	36,548	187.84	14,017	43,646
187.33	13,294	36,681	187.85	14,031	43,786
187.34	13,308	36,814	187.86	14,045	43,926
187.35	13,322	36,947	187.87	14,060	44,067
187.36	13,336	37,081	187.88	14,074	44,207
187.37	13,351	37,214	187.89	14,088	44,348
187.38	13,365	37,348	187.90	14,102	44,489
187.39	13,379	37,481	187.91	14,116	44,630
187.40	13,393	37,615	187.92	14,131	44,772
187.41	13,407	37,749	187.93	14,145	44,913
187.42	13,422	37,883	187.94	14,159	45,054
187.43	13,436	38,018	187.95	14,173	45,196
187.44	13,450	38,152	187.96	14,187	45,338
187.45	13,464	38,287	187.97	14,201	45,480
187.46	13,478	38,421	187.98	14,216	45,622
187.47	13,492	38,556	187.99	14,230	45,764
187.48	13,507	38,691	188.00	14,244	45,907
187.49	13,521	38,826	188.01	14,258	46,049
187.50	13,535	38,962	188.02	14,273	46,192
187.51	13,549	39,097	188.03	14,287	46,334
187.52	13,563	39,233	188.04	14,302	46,477
187.53	13,578	39,368	188.05	14,316	46,621
187.54	13,592	39,504	188.06	14,331	46,764
187.55	13,606	39,640	188.07	14,345	46,907
187.56	13,620	39,776	188.08	14,360	47,051
187.57	13,634	39,913	188.09	14,374	47,194
187.58	13,648	40,049	188.10	14,388	47,338
187.59	13,663	40,186	188.11	14,403	47,482
187.60	13,677	40,322	188.12	14,417	47,626
187.61	13,691	40,459	188.13	14,432	47,770
187.62	13,705	40,596	188.14	14,446	47,915
187.63	13,719	40,733	188.15	14,461	48,059

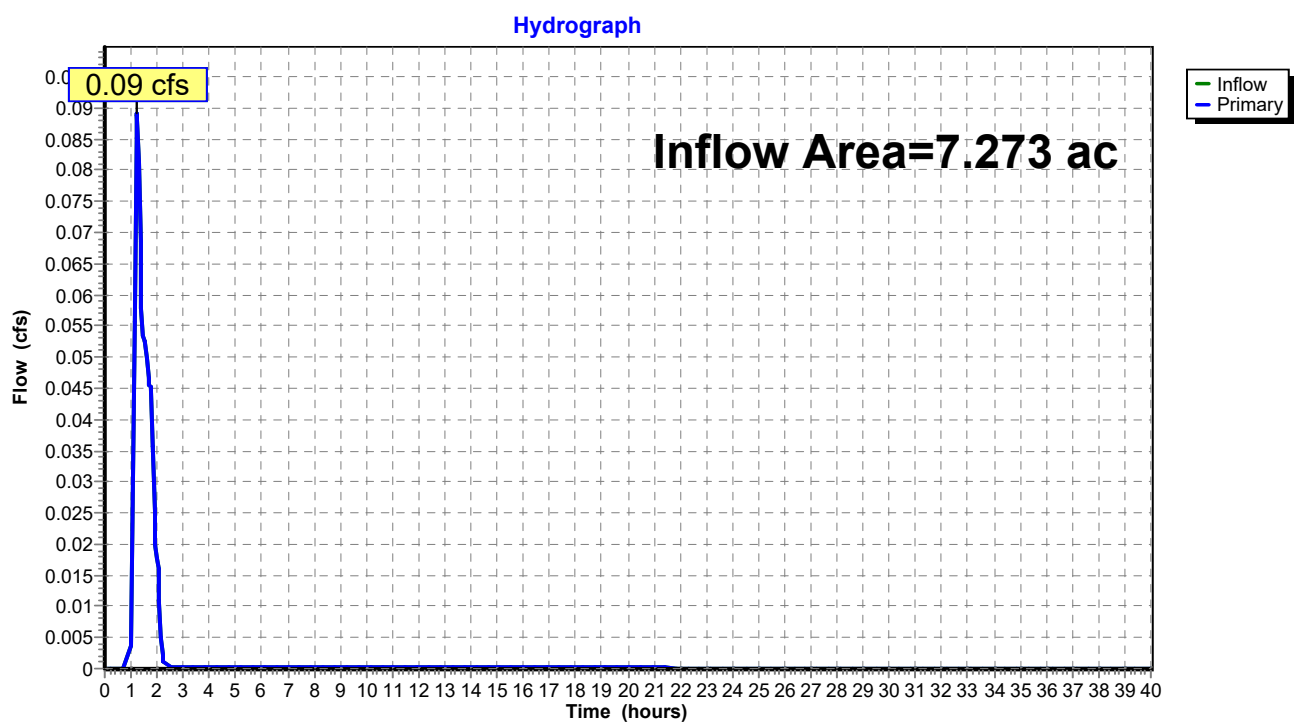
Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.16	14,475	48,204
188.17	14,489	48,349
188.18	14,504	48,494
188.19	14,518	48,639
188.20	14,533	48,784
188.21	14,547	48,930
188.22	14,562	49,075
188.23	14,576	49,221
188.24	14,591	49,367
188.25	14,605	49,513
188.26	14,619	49,659
188.27	14,634	49,805
188.28	14,648	49,951
188.29	14,663	50,098
188.30	14,677	50,245
188.31	14,692	50,392
188.32	14,706	50,539
188.33	14,721	50,686
188.34	14,735	50,833
188.35	14,749	50,980
188.36	14,764	51,128
188.37	14,778	51,276
188.38	14,793	51,423
188.39	14,807	51,571
188.40	14,822	51,720
188.41	14,836	51,868
188.42	14,850	52,016
188.43	14,865	52,165
188.44	14,879	52,314
188.45	14,894	52,463
188.46	14,908	52,612
188.47	14,923	52,761
188.48	14,937	52,910
188.49	14,952	53,059
188.50	14,966	53,209

Summary for Link PDA-5: Proposed Drainage Area #5

Inflow Area = 7.273 ac, 32.33% Impervious, Inflow Depth > 0.01" for WQ Storm event
Inflow = 0.09 cfs @ 1.24 hrs, Volume= 0.005 af
Primary = 0.09 cfs @ 1.24 hrs, Volume= 0.005 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-5: Proposed Drainage Area #5

Hydrograph for Link PDA-5: Proposed Drainage Area #5

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.01	0.00	0.01	3.70	0.00	0.00	0.00
1.15	0.06	0.00	0.06	3.75	0.00	0.00	0.00
1.20	0.09	0.00	0.09	3.80	0.00	0.00	0.00
1.25	0.09	0.00	0.09	3.85	0.00	0.00	0.00
1.30	0.08	0.00	0.08	3.90	0.00	0.00	0.00
1.35	0.07	0.00	0.07	3.95	0.00	0.00	0.00
1.40	0.06	0.00	0.06	4.00	0.00	0.00	0.00
1.45	0.05	0.00	0.05	4.05	0.00	0.00	0.00
1.50	0.05	0.00	0.05	4.10	0.00	0.00	0.00
1.55	0.05	0.00	0.05	4.15	0.00	0.00	0.00
1.60	0.05	0.00	0.05	4.20	0.00	0.00	0.00
1.65	0.05	0.00	0.05	4.25	0.00	0.00	0.00
1.70	0.05	0.00	0.05	4.30	0.00	0.00	0.00
1.75	0.05	0.00	0.05	4.35	0.00	0.00	0.00
1.80	0.04	0.00	0.04	4.40	0.00	0.00	0.00
1.85	0.04	0.00	0.04	4.45	0.00	0.00	0.00
1.90	0.03	0.00	0.03	4.50	0.00	0.00	0.00
1.95	0.02	0.00	0.02	4.55	0.00	0.00	0.00
2.00	0.02	0.00	0.02	4.60	0.00	0.00	0.00
2.05	0.02	0.00	0.02	4.65	0.00	0.00	0.00
2.10	0.01	0.00	0.01	4.70	0.00	0.00	0.00
2.15	0.01	0.00	0.01	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	0.00	0.00	0.00
10.45	0.00	0.00	0.00	13.05	0.00	0.00	0.00
10.50	0.00	0.00	0.00	13.10	0.00	0.00	0.00
10.55	0.00	0.00	0.00	13.15	0.00	0.00	0.00
10.60	0.00	0.00	0.00	13.20	0.00	0.00	0.00
10.65	0.00	0.00	0.00	13.25	0.00	0.00	0.00
10.70	0.00	0.00	0.00	13.30	0.00	0.00	0.00
10.75	0.00	0.00	0.00	13.35	0.00	0.00	0.00
10.80	0.00	0.00	0.00	13.40	0.00	0.00	0.00
10.85	0.00	0.00	0.00	13.45	0.00	0.00	0.00
10.90	0.00	0.00	0.00	13.50	0.00	0.00	0.00
10.95	0.00	0.00	0.00	13.55	0.00	0.00	0.00
11.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00
11.05	0.00	0.00	0.00	13.65	0.00	0.00	0.00
11.10	0.00	0.00	0.00	13.70	0.00	0.00	0.00
11.15	0.00	0.00	0.00	13.75	0.00	0.00	0.00
11.20	0.00	0.00	0.00	13.80	0.00	0.00	0.00
11.25	0.00	0.00	0.00	13.85	0.00	0.00	0.00
11.30	0.00	0.00	0.00	13.90	0.00	0.00	0.00
11.35	0.00	0.00	0.00	13.95	0.00	0.00	0.00
11.40	0.00	0.00	0.00	14.00	0.00	0.00	0.00
11.45	0.00	0.00	0.00	14.05	0.00	0.00	0.00
11.50	0.00	0.00	0.00	14.10	0.00	0.00	0.00
11.55	0.00	0.00	0.00	14.15	0.00	0.00	0.00
11.60	0.00	0.00	0.00	14.20	0.00	0.00	0.00
11.65	0.00	0.00	0.00	14.25	0.00	0.00	0.00
11.70	0.00	0.00	0.00	14.30	0.00	0.00	0.00
11.75	0.00	0.00	0.00	14.35	0.00	0.00	0.00
11.80	0.00	0.00	0.00	14.40	0.00	0.00	0.00
11.85	0.00	0.00	0.00	14.45	0.00	0.00	0.00
11.90	0.00	0.00	0.00	14.50	0.00	0.00	0.00
11.95	0.00	0.00	0.00	14.55	0.00	0.00	0.00
12.00	0.00	0.00	0.00	14.60	0.00	0.00	0.00
12.05	0.00	0.00	0.00	14.65	0.00	0.00	0.00
12.10	0.00	0.00	0.00	14.70	0.00	0.00	0.00
12.15	0.00	0.00	0.00	14.75	0.00	0.00	0.00
12.20	0.00	0.00	0.00	14.80	0.00	0.00	0.00
12.25	0.00	0.00	0.00	14.85	0.00	0.00	0.00
12.30	0.00	0.00	0.00	14.90	0.00	0.00	0.00
12.35	0.00	0.00	0.00	14.95	0.00	0.00	0.00
12.40	0.00	0.00	0.00	15.00	0.00	0.00	0.00
12.45	0.00	0.00	0.00	15.05	0.00	0.00	0.00
12.50	0.00	0.00	0.00	15.10	0.00	0.00	0.00
12.55	0.00	0.00	0.00	15.15	0.00	0.00	0.00
12.60	0.00	0.00	0.00	15.20	0.00	0.00	0.00
12.65	0.00	0.00	0.00	15.25	0.00	0.00	0.00
12.70	0.00	0.00	0.00	15.30	0.00	0.00	0.00
12.75	0.00	0.00	0.00	15.35	0.00	0.00	0.00
12.80	0.00	0.00	0.00	15.40	0.00	0.00	0.00
12.85	0.00	0.00	0.00	15.45	0.00	0.00	0.00
12.90	0.00	0.00	0.00	15.50	0.00	0.00	0.00
12.95	0.00	0.00	0.00	15.55	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	0.00	0.00	0.00	18.20	0.00	0.00	0.00
15.65	0.00	0.00	0.00	18.25	0.00	0.00	0.00
15.70	0.00	0.00	0.00	18.30	0.00	0.00	0.00
15.75	0.00	0.00	0.00	18.35	0.00	0.00	0.00
15.80	0.00	0.00	0.00	18.40	0.00	0.00	0.00
15.85	0.00	0.00	0.00	18.45	0.00	0.00	0.00
15.90	0.00	0.00	0.00	18.50	0.00	0.00	0.00
15.95	0.00	0.00	0.00	18.55	0.00	0.00	0.00
16.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00
16.05	0.00	0.00	0.00	18.65	0.00	0.00	0.00
16.10	0.00	0.00	0.00	18.70	0.00	0.00	0.00
16.15	0.00	0.00	0.00	18.75	0.00	0.00	0.00
16.20	0.00	0.00	0.00	18.80	0.00	0.00	0.00
16.25	0.00	0.00	0.00	18.85	0.00	0.00	0.00
16.30	0.00	0.00	0.00	18.90	0.00	0.00	0.00
16.35	0.00	0.00	0.00	18.95	0.00	0.00	0.00
16.40	0.00	0.00	0.00	19.00	0.00	0.00	0.00
16.45	0.00	0.00	0.00	19.05	0.00	0.00	0.00
16.50	0.00	0.00	0.00	19.10	0.00	0.00	0.00
16.55	0.00	0.00	0.00	19.15	0.00	0.00	0.00
16.60	0.00	0.00	0.00	19.20	0.00	0.00	0.00
16.65	0.00	0.00	0.00	19.25	0.00	0.00	0.00
16.70	0.00	0.00	0.00	19.30	0.00	0.00	0.00
16.75	0.00	0.00	0.00	19.35	0.00	0.00	0.00
16.80	0.00	0.00	0.00	19.40	0.00	0.00	0.00
16.85	0.00	0.00	0.00	19.45	0.00	0.00	0.00
16.90	0.00	0.00	0.00	19.50	0.00	0.00	0.00
16.95	0.00	0.00	0.00	19.55	0.00	0.00	0.00
17.00	0.00	0.00	0.00	19.60	0.00	0.00	0.00
17.05	0.00	0.00	0.00	19.65	0.00	0.00	0.00
17.10	0.00	0.00	0.00	19.70	0.00	0.00	0.00
17.15	0.00	0.00	0.00	19.75	0.00	0.00	0.00
17.20	0.00	0.00	0.00	19.80	0.00	0.00	0.00
17.25	0.00	0.00	0.00	19.85	0.00	0.00	0.00
17.30	0.00	0.00	0.00	19.90	0.00	0.00	0.00
17.35	0.00	0.00	0.00	19.95	0.00	0.00	0.00
17.40	0.00	0.00	0.00	20.00	0.00	0.00	0.00
17.45	0.00	0.00	0.00	20.05	0.00	0.00	0.00
17.50	0.00	0.00	0.00	20.10	0.00	0.00	0.00
17.55	0.00	0.00	0.00	20.15	0.00	0.00	0.00
17.60	0.00	0.00	0.00	20.20	0.00	0.00	0.00
17.65	0.00	0.00	0.00	20.25	0.00	0.00	0.00
17.70	0.00	0.00	0.00	20.30	0.00	0.00	0.00
17.75	0.00	0.00	0.00	20.35	0.00	0.00	0.00
17.80	0.00	0.00	0.00	20.40	0.00	0.00	0.00
17.85	0.00	0.00	0.00	20.45	0.00	0.00	0.00
17.90	0.00	0.00	0.00	20.50	0.00	0.00	0.00
17.95	0.00	0.00	0.00	20.55	0.00	0.00	0.00
18.00	0.00	0.00	0.00	20.60	0.00	0.00	0.00
18.05	0.00	0.00	0.00	20.65	0.00	0.00	0.00
18.10	0.00	0.00	0.00	20.70	0.00	0.00	0.00
18.15	0.00	0.00	0.00	20.75	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.00	0.00	0.00	23.40	0.00	0.00	0.00
20.85	0.00	0.00	0.00	23.45	0.00	0.00	0.00
20.90	0.00	0.00	0.00	23.50	0.00	0.00	0.00
20.95	0.00	0.00	0.00	23.55	0.00	0.00	0.00
21.00	0.00	0.00	0.00	23.60	0.00	0.00	0.00
21.05	0.00	0.00	0.00	23.65	0.00	0.00	0.00
21.10	0.00	0.00	0.00	23.70	0.00	0.00	0.00
21.15	0.00	0.00	0.00	23.75	0.00	0.00	0.00
21.20	0.00	0.00	0.00	23.80	0.00	0.00	0.00
21.25	0.00	0.00	0.00	23.85	0.00	0.00	0.00
21.30	0.00	0.00	0.00	23.90	0.00	0.00	0.00
21.35	0.00	0.00	0.00	23.95	0.00	0.00	0.00
21.40	0.00	0.00	0.00	24.00	0.00	0.00	0.00
21.45	0.00	0.00	0.00	24.05	0.00	0.00	0.00
21.50	0.00	0.00	0.00	24.10	0.00	0.00	0.00
21.55	0.00	0.00	0.00	24.15	0.00	0.00	0.00
21.60	0.00	0.00	0.00	24.20	0.00	0.00	0.00
21.65	0.00	0.00	0.00	24.25	0.00	0.00	0.00
21.70	0.00	0.00	0.00	24.30	0.00	0.00	0.00
21.75	0.00	0.00	0.00	24.35	0.00	0.00	0.00
21.80	0.00	0.00	0.00	24.40	0.00	0.00	0.00
21.85	0.00	0.00	0.00	24.45	0.00	0.00	0.00
21.90	0.00	0.00	0.00	24.50	0.00	0.00	0.00
21.95	0.00	0.00	0.00	24.55	0.00	0.00	0.00
22.00	0.00	0.00	0.00	24.60	0.00	0.00	0.00
22.05	0.00	0.00	0.00	24.65	0.00	0.00	0.00
22.10	0.00	0.00	0.00	24.70	0.00	0.00	0.00
22.15	0.00	0.00	0.00	24.75	0.00	0.00	0.00
22.20	0.00	0.00	0.00	24.80	0.00	0.00	0.00
22.25	0.00	0.00	0.00	24.85	0.00	0.00	0.00
22.30	0.00	0.00	0.00	24.90	0.00	0.00	0.00
22.35	0.00	0.00	0.00	24.95	0.00	0.00	0.00
22.40	0.00	0.00	0.00	25.00	0.00	0.00	0.00
22.45	0.00	0.00	0.00	25.05	0.00	0.00	0.00
22.50	0.00	0.00	0.00	25.10	0.00	0.00	0.00
22.55	0.00	0.00	0.00	25.15	0.00	0.00	0.00
22.60	0.00	0.00	0.00	25.20	0.00	0.00	0.00
22.65	0.00	0.00	0.00	25.25	0.00	0.00	0.00
22.70	0.00	0.00	0.00	25.30	0.00	0.00	0.00
22.75	0.00	0.00	0.00	25.35	0.00	0.00	0.00
22.80	0.00	0.00	0.00	25.40	0.00	0.00	0.00
22.85	0.00	0.00	0.00	25.45	0.00	0.00	0.00
22.90	0.00	0.00	0.00	25.50	0.00	0.00	0.00
22.95	0.00	0.00	0.00	25.55	0.00	0.00	0.00
23.00	0.00	0.00	0.00	25.60	0.00	0.00	0.00
23.05	0.00	0.00	0.00	25.65	0.00	0.00	0.00
23.10	0.00	0.00	0.00	25.70	0.00	0.00	0.00
23.15	0.00	0.00	0.00	25.75	0.00	0.00	0.00
23.20	0.00	0.00	0.00	25.80	0.00	0.00	0.00
23.25	0.00	0.00	0.00	25.85	0.00	0.00	0.00
23.30	0.00	0.00	0.00	25.90	0.00	0.00	0.00
23.35	0.00	0.00	0.00	25.95	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.00	0.00	0.00	28.60	0.00	0.00	0.00
26.05	0.00	0.00	0.00	28.65	0.00	0.00	0.00
26.10	0.00	0.00	0.00	28.70	0.00	0.00	0.00
26.15	0.00	0.00	0.00	28.75	0.00	0.00	0.00
26.20	0.00	0.00	0.00	28.80	0.00	0.00	0.00
26.25	0.00	0.00	0.00	28.85	0.00	0.00	0.00
26.30	0.00	0.00	0.00	28.90	0.00	0.00	0.00
26.35	0.00	0.00	0.00	28.95	0.00	0.00	0.00
26.40	0.00	0.00	0.00	29.00	0.00	0.00	0.00
26.45	0.00	0.00	0.00	29.05	0.00	0.00	0.00
26.50	0.00	0.00	0.00	29.10	0.00	0.00	0.00
26.55	0.00	0.00	0.00	29.15	0.00	0.00	0.00
26.60	0.00	0.00	0.00	29.20	0.00	0.00	0.00
26.65	0.00	0.00	0.00	29.25	0.00	0.00	0.00
26.70	0.00	0.00	0.00	29.30	0.00	0.00	0.00
26.75	0.00	0.00	0.00	29.35	0.00	0.00	0.00
26.80	0.00	0.00	0.00	29.40	0.00	0.00	0.00
26.85	0.00	0.00	0.00	29.45	0.00	0.00	0.00
26.90	0.00	0.00	0.00	29.50	0.00	0.00	0.00
26.95	0.00	0.00	0.00	29.55	0.00	0.00	0.00
27.00	0.00	0.00	0.00	29.60	0.00	0.00	0.00
27.05	0.00	0.00	0.00	29.65	0.00	0.00	0.00
27.10	0.00	0.00	0.00	29.70	0.00	0.00	0.00
27.15	0.00	0.00	0.00	29.75	0.00	0.00	0.00
27.20	0.00	0.00	0.00	29.80	0.00	0.00	0.00
27.25	0.00	0.00	0.00	29.85	0.00	0.00	0.00
27.30	0.00	0.00	0.00	29.90	0.00	0.00	0.00
27.35	0.00	0.00	0.00	29.95	0.00	0.00	0.00
27.40	0.00	0.00	0.00	30.00	0.00	0.00	0.00
27.45	0.00	0.00	0.00	30.05	0.00	0.00	0.00
27.50	0.00	0.00	0.00	30.10	0.00	0.00	0.00
27.55	0.00	0.00	0.00	30.15	0.00	0.00	0.00
27.60	0.00	0.00	0.00	30.20	0.00	0.00	0.00
27.65	0.00	0.00	0.00	30.25	0.00	0.00	0.00
27.70	0.00	0.00	0.00	30.30	0.00	0.00	0.00
27.75	0.00	0.00	0.00	30.35	0.00	0.00	0.00
27.80	0.00	0.00	0.00	30.40	0.00	0.00	0.00
27.85	0.00	0.00	0.00	30.45	0.00	0.00	0.00
27.90	0.00	0.00	0.00	30.50	0.00	0.00	0.00
27.95	0.00	0.00	0.00	30.55	0.00	0.00	0.00
28.00	0.00	0.00	0.00	30.60	0.00	0.00	0.00
28.05	0.00	0.00	0.00	30.65	0.00	0.00	0.00
28.10	0.00	0.00	0.00	30.70	0.00	0.00	0.00
28.15	0.00	0.00	0.00	30.75	0.00	0.00	0.00
28.20	0.00	0.00	0.00	30.80	0.00	0.00	0.00
28.25	0.00	0.00	0.00	30.85	0.00	0.00	0.00
28.30	0.00	0.00	0.00	30.90	0.00	0.00	0.00
28.35	0.00	0.00	0.00	30.95	0.00	0.00	0.00
28.40	0.00	0.00	0.00	31.00	0.00	0.00	0.00
28.45	0.00	0.00	0.00	31.05	0.00	0.00	0.00
28.50	0.00	0.00	0.00	31.10	0.00	0.00	0.00
28.55	0.00	0.00	0.00	31.15	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.00	0.00	0.00	33.80	0.00	0.00	0.00
31.25	0.00	0.00	0.00	33.85	0.00	0.00	0.00
31.30	0.00	0.00	0.00	33.90	0.00	0.00	0.00
31.35	0.00	0.00	0.00	33.95	0.00	0.00	0.00
31.40	0.00	0.00	0.00	34.00	0.00	0.00	0.00
31.45	0.00	0.00	0.00	34.05	0.00	0.00	0.00
31.50	0.00	0.00	0.00	34.10	0.00	0.00	0.00
31.55	0.00	0.00	0.00	34.15	0.00	0.00	0.00
31.60	0.00	0.00	0.00	34.20	0.00	0.00	0.00
31.65	0.00	0.00	0.00	34.25	0.00	0.00	0.00
31.70	0.00	0.00	0.00	34.30	0.00	0.00	0.00
31.75	0.00	0.00	0.00	34.35	0.00	0.00	0.00
31.80	0.00	0.00	0.00	34.40	0.00	0.00	0.00
31.85	0.00	0.00	0.00	34.45	0.00	0.00	0.00
31.90	0.00	0.00	0.00	34.50	0.00	0.00	0.00
31.95	0.00	0.00	0.00	34.55	0.00	0.00	0.00
32.00	0.00	0.00	0.00	34.60	0.00	0.00	0.00
32.05	0.00	0.00	0.00	34.65	0.00	0.00	0.00
32.10	0.00	0.00	0.00	34.70	0.00	0.00	0.00
32.15	0.00	0.00	0.00	34.75	0.00	0.00	0.00
32.20	0.00	0.00	0.00	34.80	0.00	0.00	0.00
32.25	0.00	0.00	0.00	34.85	0.00	0.00	0.00
32.30	0.00	0.00	0.00	34.90	0.00	0.00	0.00
32.35	0.00	0.00	0.00	34.95	0.00	0.00	0.00
32.40	0.00	0.00	0.00	35.00	0.00	0.00	0.00
32.45	0.00	0.00	0.00	35.05	0.00	0.00	0.00
32.50	0.00	0.00	0.00	35.10	0.00	0.00	0.00
32.55	0.00	0.00	0.00	35.15	0.00	0.00	0.00
32.60	0.00	0.00	0.00	35.20	0.00	0.00	0.00
32.65	0.00	0.00	0.00	35.25	0.00	0.00	0.00
32.70	0.00	0.00	0.00	35.30	0.00	0.00	0.00
32.75	0.00	0.00	0.00	35.35	0.00	0.00	0.00
32.80	0.00	0.00	0.00	35.40	0.00	0.00	0.00
32.85	0.00	0.00	0.00	35.45	0.00	0.00	0.00
32.90	0.00	0.00	0.00	35.50	0.00	0.00	0.00
32.95	0.00	0.00	0.00	35.55	0.00	0.00	0.00
33.00	0.00	0.00	0.00	35.60	0.00	0.00	0.00
33.05	0.00	0.00	0.00	35.65	0.00	0.00	0.00
33.10	0.00	0.00	0.00	35.70	0.00	0.00	0.00
33.15	0.00	0.00	0.00	35.75	0.00	0.00	0.00
33.20	0.00	0.00	0.00	35.80	0.00	0.00	0.00
33.25	0.00	0.00	0.00	35.85	0.00	0.00	0.00
33.30	0.00	0.00	0.00	35.90	0.00	0.00	0.00
33.35	0.00	0.00	0.00	35.95	0.00	0.00	0.00
33.40	0.00	0.00	0.00	36.00	0.00	0.00	0.00
33.45	0.00	0.00	0.00	36.05	0.00	0.00	0.00
33.50	0.00	0.00	0.00	36.10	0.00	0.00	0.00
33.55	0.00	0.00	0.00	36.15	0.00	0.00	0.00
33.60	0.00	0.00	0.00	36.20	0.00	0.00	0.00
33.65	0.00	0.00	0.00	36.25	0.00	0.00	0.00
33.70	0.00	0.00	0.00	36.30	0.00	0.00	0.00
33.75	0.00	0.00	0.00	36.35	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.00	0.00	0.00	39.00	0.00	0.00	0.00
36.45	0.00	0.00	0.00	39.05	0.00	0.00	0.00
36.50	0.00	0.00	0.00	39.10	0.00	0.00	0.00
36.55	0.00	0.00	0.00	39.15	0.00	0.00	0.00
36.60	0.00	0.00	0.00	39.20	0.00	0.00	0.00
36.65	0.00	0.00	0.00	39.25	0.00	0.00	0.00
36.70	0.00	0.00	0.00	39.30	0.00	0.00	0.00
36.75	0.00	0.00	0.00	39.35	0.00	0.00	0.00
36.80	0.00	0.00	0.00	39.40	0.00	0.00	0.00
36.85	0.00	0.00	0.00	39.45	0.00	0.00	0.00
36.90	0.00	0.00	0.00	39.50	0.00	0.00	0.00
36.95	0.00	0.00	0.00	39.55	0.00	0.00	0.00
37.00	0.00	0.00	0.00	39.60	0.00	0.00	0.00
37.05	0.00	0.00	0.00	39.65	0.00	0.00	0.00
37.10	0.00	0.00	0.00	39.70	0.00	0.00	0.00
37.15	0.00	0.00	0.00	39.75	0.00	0.00	0.00
37.20	0.00	0.00	0.00	39.80	0.00	0.00	0.00
37.25	0.00	0.00	0.00	39.85	0.00	0.00	0.00
37.30	0.00	0.00	0.00	39.90	0.00	0.00	0.00
37.35	0.00	0.00	0.00	39.95	0.00	0.00	0.00
37.40	0.00	0.00	0.00	40.00	0.00	0.00	0.00
37.45	0.00	0.00	0.00				
37.50	0.00	0.00	0.00				
37.55	0.00	0.00	0.00				
37.60	0.00	0.00	0.00				
37.65	0.00	0.00	0.00				
37.70	0.00	0.00	0.00				
37.75	0.00	0.00	0.00				
37.80	0.00	0.00	0.00				
37.85	0.00	0.00	0.00				
37.90	0.00	0.00	0.00				
37.95	0.00	0.00	0.00				
38.00	0.00	0.00	0.00				
38.05	0.00	0.00	0.00				
38.10	0.00	0.00	0.00				
38.15	0.00	0.00	0.00				
38.20	0.00	0.00	0.00				
38.25	0.00	0.00	0.00				
38.30	0.00	0.00	0.00				
38.35	0.00	0.00	0.00				
38.40	0.00	0.00	0.00				
38.45	0.00	0.00	0.00				
38.50	0.00	0.00	0.00				
38.55	0.00	0.00	0.00				
38.60	0.00	0.00	0.00				
38.65	0.00	0.00	0.00				
38.70	0.00	0.00	0.00				
38.75	0.00	0.00	0.00				
38.80	0.00	0.00	0.00				
38.85	0.00	0.00	0.00				
38.90	0.00	0.00	0.00				
38.95	0.00	0.00	0.00				

Summary for Subcatchment 48I: PDA-48 (impervious)

Runoff = 2.97 cfs @ 12.09 hrs, Volume= 0.202 af, Depth= 3.12"
 Routed to Pond B-48 : Basin #48

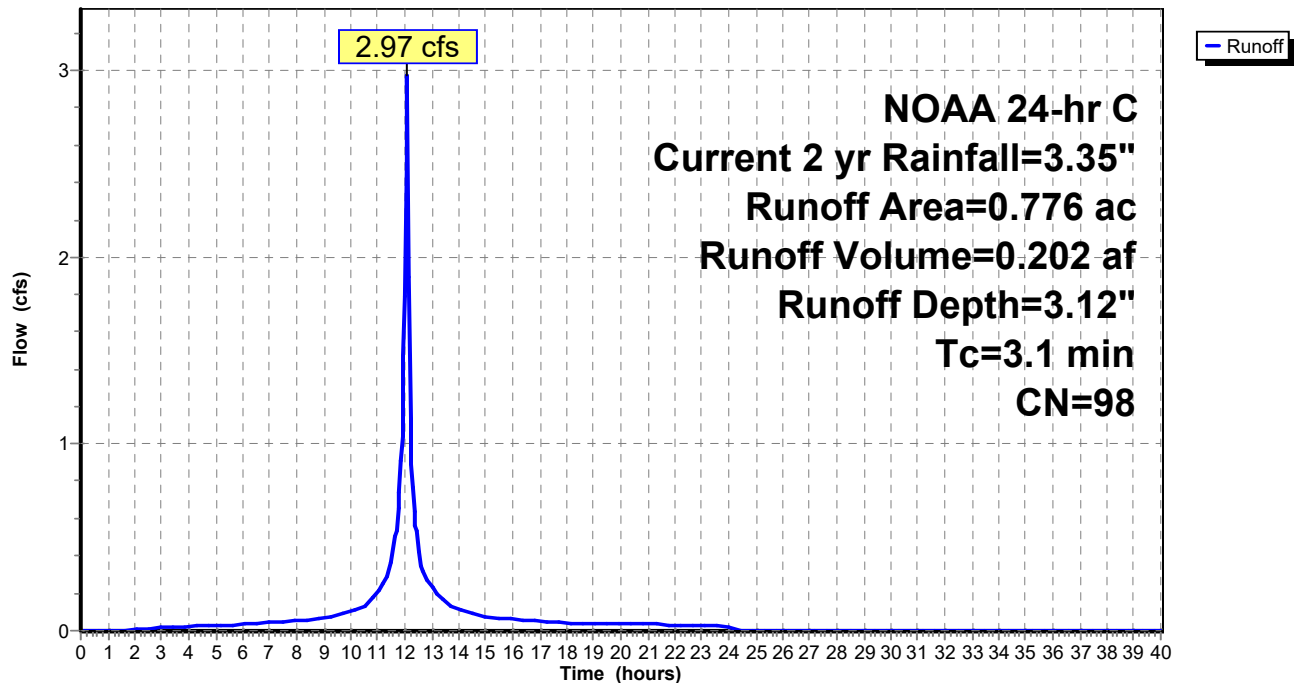
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.019	98	Concrete, HSG C
0.776	98	Weighted Average
0.776		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1					Direct Entry,

Subcatchment 48I: PDA-48 (impervious)

Hydrograph



Hydrograph for Subcatchment 48I: PDA-48 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.01
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.01
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.02
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.02
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.02
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.02
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.02
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.02
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.02
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.02
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.02
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.02
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.02
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.02
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.02
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.02
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.02
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.02
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.02
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.02
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.02
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.02
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.02
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.02
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.02
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.02
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.02
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.02
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.02
1.60	0.06	0.00	0.00	4.20	0.17	0.05	0.02
1.65	0.06	0.00	0.01	4.25	0.18	0.05	0.02
1.70	0.06	0.00	0.01	4.30	0.18	0.06	0.02
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.02
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.02
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.02
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.03
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.03
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.03
2.05	0.08	0.01	0.01	4.65	0.20	0.07	0.03
2.10	0.08	0.01	0.01	4.70	0.20	0.07	0.03
2.15	0.08	0.01	0.01	4.75	0.20	0.07	0.03
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.03
2.25	0.09	0.01	0.01	4.85	0.21	0.07	0.03
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.03
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.03
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.03
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.03
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.03
2.55	0.10	0.01	0.01	5.15	0.22	0.08	0.03

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.05
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.05
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.05
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.06
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.06
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.06
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.06
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.06
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.06
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.06
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.06
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.06
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.06
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.06
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.06
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.06
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.06
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.06
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.06
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.06
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.06
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.07
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.07
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.07
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.07
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.07
6.60	0.30	0.15	0.04	9.20	0.51	0.33	0.07
6.65	0.30	0.15	0.04	9.25	0.51	0.33	0.08
6.70	0.31	0.15	0.04	9.30	0.52	0.34	0.08
6.75	0.31	0.15	0.04	9.35	0.53	0.34	0.08
6.80	0.31	0.16	0.04	9.40	0.53	0.35	0.08
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.08
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.09
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.09
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.09
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.09
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.09
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.10
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.10
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.10
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.10
7.35	0.35	0.19	0.05	9.95	0.60	0.41	0.10
7.40	0.35	0.19	0.05	10.00	0.61	0.42	0.10
7.45	0.36	0.19	0.05	10.05	0.62	0.43	0.11
7.50	0.36	0.20	0.05	10.10	0.63	0.43	0.11
7.55	0.37	0.20	0.05	10.15	0.63	0.44	0.11
7.60	0.37	0.20	0.05	10.20	0.64	0.45	0.11
7.65	0.37	0.21	0.05	10.25	0.65	0.46	0.12
7.70	0.38	0.21	0.05	10.30	0.66	0.46	0.12
7.75	0.38	0.21	0.05	10.35	0.67	0.47	0.12

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.12	13.00	2.55	2.32	0.24
10.45	0.68	0.49	0.12	13.05	2.56	2.33	0.22
10.50	0.69	0.49	0.12	13.10	2.57	2.34	0.21
10.55	0.70	0.50	0.13	13.15	2.58	2.36	0.20
10.60	0.71	0.51	0.14	13.20	2.60	2.37	0.19
10.65	0.72	0.52	0.15	13.25	2.61	2.38	0.18
10.70	0.73	0.53	0.15	13.30	2.62	2.39	0.18
10.75	0.74	0.54	0.16	13.35	2.63	2.40	0.17
10.80	0.75	0.55	0.17	13.40	2.64	2.41	0.16
10.85	0.77	0.57	0.18	13.45	2.65	2.42	0.15
10.90	0.78	0.58	0.18	13.50	2.66	2.43	0.15
10.95	0.79	0.59	0.19	13.55	2.67	2.44	0.14
11.00	0.80	0.60	0.20	13.60	2.68	2.45	0.13
11.05	0.82	0.62	0.21	13.65	2.68	2.45	0.13
11.10	0.83	0.63	0.22	13.70	2.69	2.46	0.13
11.15	0.85	0.65	0.24	13.75	2.70	2.47	0.13
11.20	0.87	0.66	0.25	13.80	2.71	2.48	0.12
11.25	0.89	0.68	0.27	13.85	2.72	2.49	0.12
11.30	0.91	0.70	0.28	13.90	2.72	2.49	0.12
11.35	0.93	0.72	0.30	13.95	2.73	2.50	0.12
11.40	0.95	0.74	0.31	14.00	2.74	2.51	0.12
11.45	0.97	0.76	0.32	14.05	2.75	2.52	0.11
11.50	0.99	0.78	0.33	14.10	2.75	2.52	0.11
11.55	1.02	0.81	0.44	14.15	2.76	2.53	0.11
11.60	1.06	0.85	0.51	14.20	2.77	2.54	0.11
11.65	1.09	0.88	0.53	14.25	2.77	2.54	0.11
11.70	1.13	0.92	0.54	14.30	2.78	2.55	0.10
11.75	1.18	0.96	0.66	14.35	2.79	2.56	0.10
11.80	1.23	1.01	0.74	14.40	2.79	2.56	0.10
11.85	1.29	1.08	0.91	14.45	2.80	2.57	0.10
11.90	1.36	1.14	1.04	14.50	2.81	2.58	0.10
11.95	1.48	1.26	1.48	14.55	2.81	2.58	0.09
12.00	1.60	1.38	1.79	14.60	2.82	2.59	0.09
12.05	1.79	1.57	2.50	14.65	2.82	2.59	0.09
12.10	1.99	1.76	2.94	14.70	2.83	2.60	0.09
12.15	2.06	1.83	1.89	14.75	2.84	2.60	0.09
12.20	2.12	1.90	1.13	14.80	2.84	2.61	0.09
12.25	2.17	1.95	0.89	14.85	2.85	2.61	0.08
12.30	2.22	1.99	0.77	14.90	2.85	2.62	0.08
12.35	2.26	2.03	0.64	14.95	2.86	2.62	0.08
12.40	2.29	2.06	0.56	15.00	2.86	2.63	0.08
12.45	2.33	2.10	0.54	15.05	2.87	2.63	0.07
12.50	2.36	2.13	0.52	15.10	2.87	2.64	0.07
12.55	2.38	2.15	0.42	15.15	2.87	2.64	0.07
12.60	2.40	2.18	0.35	15.20	2.88	2.65	0.07
12.65	2.42	2.20	0.33	15.25	2.88	2.65	0.07
12.70	2.44	2.22	0.32	15.30	2.89	2.66	0.07
12.75	2.46	2.23	0.30	15.35	2.89	2.66	0.07
12.80	2.48	2.25	0.29	15.40	2.90	2.67	0.07
12.85	2.50	2.27	0.27	15.45	2.90	2.67	0.07
12.90	2.52	2.29	0.26	15.50	2.91	2.68	0.07
12.95	2.53	2.30	0.25	15.55	2.91	2.68	0.07

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.07	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.07	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.07	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.07	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.07	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.07	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.07	18.50	3.11	2.88	0.04
15.95	2.94	2.71	0.06	18.55	3.11	2.88	0.04
16.00	2.95	2.72	0.06	18.60	3.12	2.88	0.04
16.05	2.95	2.72	0.06	18.65	3.12	2.89	0.04
16.10	2.96	2.73	0.06	18.70	3.12	2.89	0.04
16.15	2.96	2.73	0.06	18.75	3.12	2.89	0.04
16.20	2.96	2.73	0.06	18.80	3.13	2.89	0.04
16.25	2.97	2.74	0.06	18.85	3.13	2.90	0.04
16.30	2.97	2.74	0.06	18.90	3.13	2.90	0.04
16.35	2.98	2.74	0.06	18.95	3.13	2.90	0.04
16.40	2.98	2.75	0.06	19.00	3.14	2.90	0.04
16.45	2.98	2.75	0.06	19.05	3.14	2.91	0.04
16.50	2.99	2.76	0.06	19.10	3.14	2.91	0.04
16.55	2.99	2.76	0.06	19.15	3.14	2.91	0.04
16.60	3.00	2.76	0.06	19.20	3.15	2.91	0.04
16.65	3.00	2.77	0.06	19.25	3.15	2.92	0.04
16.70	3.00	2.77	0.06	19.30	3.15	2.92	0.04
16.75	3.01	2.77	0.06	19.35	3.15	2.92	0.04
16.80	3.01	2.78	0.06	19.40	3.16	2.92	0.04
16.85	3.01	2.78	0.05	19.45	3.16	2.93	0.04
16.90	3.02	2.78	0.05	19.50	3.16	2.93	0.04
16.95	3.02	2.79	0.05	19.55	3.16	2.93	0.04
17.00	3.02	2.79	0.05	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.05	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.05	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.05	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.05	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.05	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.05	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.05	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.05	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.05	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.05	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.05	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.05	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.05	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.04	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.04	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.04	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.03	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.03	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.03	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.03	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.01
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.00
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 48P: PDA-48 (pervious)

Runoff = 1.79 cfs @ 12.19 hrs, Volume= 0.141 af, Depth= 1.14"
 Routed to Pond B-48 : Basin #48

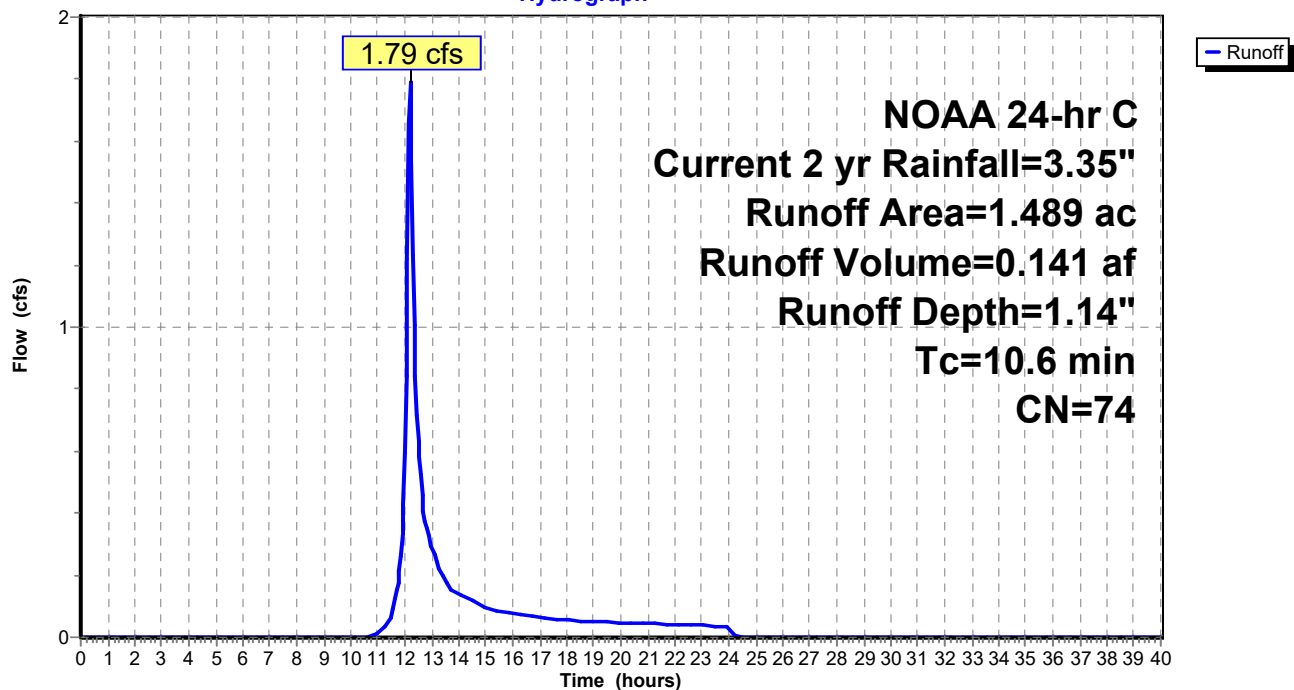
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.489	74	>75% Grass cover, Good, HSG C
1.489		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.6					Direct Entry,

Subcatchment 48P: PDA-48 (pervious)

Hydrograph



Hydrograph for Subcatchment 48P: PDA-48 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.29
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.27
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.26
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.25
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.23
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.22
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.22
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.21
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.20
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.19
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.18
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.18
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.17
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.16
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.15
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.15
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.15
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.14
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.14
11.35	0.93	0.01	0.05	13.95	2.73	0.74	0.14
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.14
11.45	0.97	0.02	0.06	14.05	2.75	0.75	0.14
11.50	0.99	0.02	0.07	14.10	2.75	0.76	0.13
11.55	1.02	0.03	0.08	14.15	2.76	0.76	0.13
11.60	1.06	0.03	0.10	14.20	2.77	0.76	0.13
11.65	1.09	0.04	0.12	14.25	2.77	0.77	0.13
11.70	1.13	0.05	0.15	14.30	2.78	0.77	0.13
11.75	1.18	0.06	0.18	14.35	2.79	0.78	0.12
11.80	1.23	0.07	0.21	14.40	2.79	0.78	0.12
11.85	1.29	0.09	0.26	14.45	2.80	0.78	0.12
11.90	1.36	0.10	0.33	14.50	2.81	0.79	0.12
11.95	1.48	0.14	0.43	14.55	2.81	0.79	0.12
12.00	1.60	0.18	0.59	14.60	2.82	0.80	0.11
12.05	1.79	0.26	0.84	14.65	2.82	0.80	0.11
12.10	1.99	0.34	1.22	14.70	2.83	0.80	0.11
12.15	2.06	0.38	1.66	14.75	2.84	0.81	0.11
12.20	2.12	0.41	1.79	14.80	2.84	0.81	0.11
12.25	2.17	0.43	1.54	14.85	2.85	0.81	0.10
12.30	2.22	0.46	1.23	14.90	2.85	0.82	0.10
12.35	2.26	0.48	1.00	14.95	2.86	0.82	0.10
12.40	2.29	0.50	0.84	15.00	2.86	0.82	0.10
12.45	2.33	0.51	0.72	15.05	2.87	0.82	0.09
12.50	2.36	0.53	0.63	15.10	2.87	0.83	0.09
12.55	2.38	0.54	0.58	15.15	2.87	0.83	0.09
12.60	2.40	0.55	0.53	15.20	2.88	0.83	0.09
12.65	2.42	0.57	0.46	15.25	2.88	0.84	0.09
12.70	2.44	0.58	0.40	15.30	2.89	0.84	0.09
12.75	2.46	0.59	0.37	15.35	2.89	0.84	0.09
12.80	2.48	0.60	0.35	15.40	2.90	0.84	0.09
12.85	2.50	0.61	0.33	15.45	2.90	0.85	0.08
12.90	2.52	0.62	0.32	15.50	2.91	0.85	0.08
12.95	2.53	0.63	0.30	15.55	2.91	0.85	0.08

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.08	18.20	3.10	0.97	0.05
15.65	2.92	0.86	0.08	18.25	3.10	0.97	0.05
15.70	2.92	0.86	0.08	18.30	3.10	0.97	0.05
15.75	2.93	0.86	0.08	18.35	3.10	0.97	0.05
15.80	2.93	0.87	0.08	18.40	3.11	0.98	0.05
15.85	2.94	0.87	0.08	18.45	3.11	0.98	0.05
15.90	2.94	0.87	0.08	18.50	3.11	0.98	0.05
15.95	2.94	0.87	0.08	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.08	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.08	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.08	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.08	18.75	3.12	0.99	0.05
16.20	2.96	0.89	0.08	18.80	3.13	0.99	0.05
16.25	2.97	0.89	0.08	18.85	3.13	0.99	0.05
16.30	2.97	0.89	0.08	18.90	3.13	0.99	0.05
16.35	2.98	0.89	0.07	18.95	3.13	0.99	0.05
16.40	2.98	0.90	0.07	19.00	3.14	1.00	0.05
16.45	2.98	0.90	0.07	19.05	3.14	1.00	0.05
16.50	2.99	0.90	0.07	19.10	3.14	1.00	0.05
16.55	2.99	0.90	0.07	19.15	3.14	1.00	0.05
16.60	3.00	0.91	0.07	19.20	3.15	1.00	0.05
16.65	3.00	0.91	0.07	19.25	3.15	1.00	0.05
16.70	3.00	0.91	0.07	19.30	3.15	1.01	0.05
16.75	3.01	0.91	0.07	19.35	3.15	1.01	0.05
16.80	3.01	0.91	0.07	19.40	3.16	1.01	0.05
16.85	3.01	0.92	0.07	19.45	3.16	1.01	0.05
16.90	3.02	0.92	0.07	19.50	3.16	1.01	0.05
16.95	3.02	0.92	0.07	19.55	3.16	1.01	0.05
17.00	3.02	0.92	0.07	19.60	3.17	1.02	0.05
17.05	3.03	0.93	0.07	19.65	3.17	1.02	0.05
17.10	3.03	0.93	0.07	19.70	3.17	1.02	0.05
17.15	3.03	0.93	0.07	19.75	3.17	1.02	0.05
17.20	3.04	0.93	0.06	19.80	3.18	1.02	0.05
17.25	3.04	0.93	0.06	19.85	3.18	1.02	0.05
17.30	3.04	0.94	0.06	19.90	3.18	1.03	0.05
17.35	3.05	0.94	0.06	19.95	3.18	1.03	0.05
17.40	3.05	0.94	0.06	20.00	3.19	1.03	0.05
17.45	3.05	0.94	0.06	20.05	3.19	1.03	0.05
17.50	3.06	0.94	0.06	20.10	3.19	1.03	0.05
17.55	3.06	0.95	0.06	20.15	3.19	1.03	0.05
17.60	3.06	0.95	0.06	20.20	3.20	1.03	0.05
17.65	3.06	0.95	0.06	20.25	3.20	1.04	0.05
17.70	3.07	0.95	0.06	20.30	3.20	1.04	0.05
17.75	3.07	0.95	0.06	20.35	3.20	1.04	0.05
17.80	3.07	0.96	0.06	20.40	3.20	1.04	0.05
17.85	3.08	0.96	0.06	20.45	3.21	1.04	0.05
17.90	3.08	0.96	0.06	20.50	3.21	1.04	0.05
17.95	3.08	0.96	0.06	20.55	3.21	1.05	0.05
18.00	3.08	0.96	0.05	20.60	3.21	1.05	0.05
18.05	3.09	0.96	0.05	20.65	3.22	1.05	0.05
18.10	3.09	0.97	0.05	20.70	3.22	1.05	0.05
18.15	3.09	0.97	0.05	20.75	3.22	1.05	0.05

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.04
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.04
20.95	3.23	1.06	0.04	23.55	3.33	1.13	0.04
21.00	3.23	1.06	0.04	23.60	3.34	1.13	0.04
21.05	3.23	1.06	0.04	23.65	3.34	1.13	0.04
21.10	3.24	1.06	0.04	23.70	3.34	1.13	0.04
21.15	3.24	1.06	0.04	23.75	3.34	1.13	0.04
21.20	3.24	1.06	0.04	23.80	3.34	1.13	0.04
21.25	3.24	1.07	0.04	23.85	3.34	1.13	0.04
21.30	3.24	1.07	0.04	23.90	3.35	1.13	0.04
21.35	3.25	1.07	0.04	23.95	3.35	1.14	0.04
21.40	3.25	1.07	0.04	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.04	24.05	3.35	1.14	0.04
21.50	3.25	1.07	0.04	24.10	3.35	1.14	0.03
21.55	3.26	1.07	0.04	24.15	3.35	1.14	0.02
21.60	3.26	1.08	0.04	24.20	3.35	1.14	0.01
21.65	3.26	1.08	0.04	24.25	3.35	1.14	0.01
21.70	3.26	1.08	0.04	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.04	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.04	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.04	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 49I: PDA-49 (impervious)

Runoff = 3.33 cfs @ 12.10 hrs, Volume= 0.237 af, Depth= 3.12"
 Routed to Pond B-49 : Basin #49

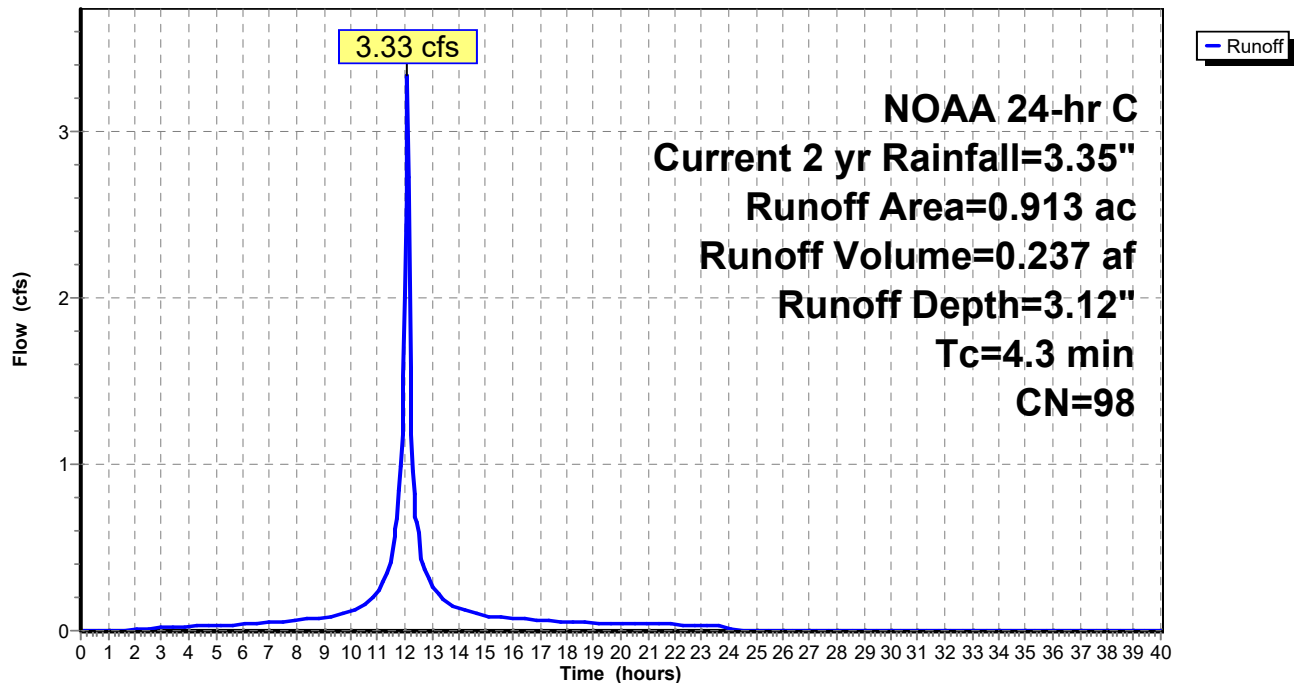
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.434	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.061	98	Concrete, HSG C
0.913	98	Weighted Average
0.913		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 49I: PDA-49 (impervious)

Hydrograph



Hydrograph for Subcatchment 49I: PDA-49 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.02
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.02
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.02
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.02
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.02
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.02
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.02
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.02
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.02
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.02
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.02
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.02
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.02
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.02
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.02
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.02
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.02
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.02
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.02
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.02
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.02
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.02
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.02
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.02
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.02
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.03
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.03
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.03
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.03
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.03
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.03
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.03
1.60	0.06	0.00	0.01	4.20	0.17	0.05	0.03
1.65	0.06	0.00	0.01	4.25	0.18	0.05	0.03
1.70	0.06	0.00	0.01	4.30	0.18	0.06	0.03
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.03
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.03
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.03
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.03
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.03
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.03
2.05	0.08	0.01	0.01	4.65	0.20	0.07	0.03
2.10	0.08	0.01	0.01	4.70	0.20	0.07	0.03
2.15	0.08	0.01	0.01	4.75	0.20	0.07	0.03
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.03
2.25	0.09	0.01	0.01	4.85	0.21	0.07	0.03
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.03
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.03
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.03
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.03
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.03
2.55	0.10	0.01	0.01	5.15	0.22	0.08	0.03

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.03	7.80	0.39	0.22	0.06
5.25	0.23	0.09	0.03	7.85	0.39	0.22	0.06
5.30	0.23	0.09	0.03	7.90	0.39	0.22	0.06
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.06
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.06
5.45	0.24	0.10	0.04	8.05	0.41	0.23	0.06
5.50	0.24	0.10	0.04	8.10	0.41	0.24	0.07
5.55	0.24	0.10	0.04	8.15	0.41	0.24	0.07
5.60	0.24	0.10	0.04	8.20	0.42	0.24	0.07
5.65	0.25	0.10	0.04	8.25	0.42	0.25	0.07
5.70	0.25	0.11	0.04	8.30	0.43	0.25	0.07
5.75	0.25	0.11	0.04	8.35	0.43	0.26	0.07
5.80	0.25	0.11	0.04	8.40	0.43	0.26	0.07
5.85	0.26	0.11	0.04	8.45	0.44	0.26	0.07
5.90	0.26	0.11	0.04	8.50	0.44	0.27	0.07
5.95	0.26	0.12	0.04	8.55	0.45	0.27	0.07
6.00	0.27	0.12	0.04	8.60	0.45	0.28	0.07
6.05	0.27	0.12	0.04	8.65	0.46	0.28	0.07
6.10	0.27	0.12	0.04	8.70	0.46	0.28	0.07
6.15	0.27	0.12	0.04	8.75	0.47	0.29	0.07
6.20	0.28	0.13	0.04	8.80	0.47	0.29	0.07
6.25	0.28	0.13	0.04	8.85	0.48	0.30	0.08
6.30	0.28	0.13	0.04	8.90	0.48	0.30	0.08
6.35	0.29	0.13	0.04	8.95	0.48	0.30	0.08
6.40	0.29	0.14	0.04	9.00	0.49	0.31	0.08
6.45	0.29	0.14	0.04	9.05	0.49	0.31	0.08
6.50	0.29	0.14	0.04	9.10	0.50	0.32	0.08
6.55	0.30	0.14	0.04	9.15	0.50	0.32	0.08
6.60	0.30	0.15	0.05	9.20	0.51	0.33	0.09
6.65	0.30	0.15	0.05	9.25	0.51	0.33	0.09
6.70	0.31	0.15	0.05	9.30	0.52	0.34	0.09
6.75	0.31	0.15	0.05	9.35	0.53	0.34	0.09
6.80	0.31	0.16	0.05	9.40	0.53	0.35	0.10
6.85	0.32	0.16	0.05	9.45	0.54	0.35	0.10
6.90	0.32	0.16	0.05	9.50	0.54	0.36	0.10
6.95	0.32	0.16	0.05	9.55	0.55	0.36	0.10
7.00	0.33	0.17	0.05	9.60	0.56	0.37	0.10
7.05	0.33	0.17	0.05	9.65	0.56	0.38	0.11
7.10	0.33	0.17	0.05	9.70	0.57	0.38	0.11
7.15	0.34	0.18	0.05	9.75	0.58	0.39	0.11
7.20	0.34	0.18	0.05	9.80	0.58	0.39	0.11
7.25	0.34	0.18	0.05	9.85	0.59	0.40	0.12
7.30	0.35	0.18	0.05	9.90	0.60	0.41	0.12
7.35	0.35	0.19	0.06	9.95	0.60	0.41	0.12
7.40	0.35	0.19	0.06	10.00	0.61	0.42	0.12
7.45	0.36	0.19	0.06	10.05	0.62	0.43	0.12
7.50	0.36	0.20	0.06	10.10	0.63	0.43	0.13
7.55	0.37	0.20	0.06	10.15	0.63	0.44	0.13
7.60	0.37	0.20	0.06	10.20	0.64	0.45	0.13
7.65	0.37	0.21	0.06	10.25	0.65	0.46	0.13
7.70	0.38	0.21	0.06	10.30	0.66	0.46	0.14
7.75	0.38	0.21	0.06	10.35	0.67	0.47	0.14

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.14	13.00	2.55	2.32	0.28
10.45	0.68	0.49	0.14	13.05	2.56	2.33	0.27
10.50	0.69	0.49	0.15	13.10	2.57	2.34	0.25
10.55	0.70	0.50	0.15	13.15	2.58	2.36	0.24
10.60	0.71	0.51	0.16	13.20	2.60	2.37	0.23
10.65	0.72	0.52	0.17	13.25	2.61	2.38	0.22
10.70	0.73	0.53	0.18	13.30	2.62	2.39	0.21
10.75	0.74	0.54	0.19	13.35	2.63	2.40	0.20
10.80	0.75	0.55	0.20	13.40	2.64	2.41	0.19
10.85	0.77	0.57	0.20	13.45	2.65	2.42	0.18
10.90	0.78	0.58	0.21	13.50	2.66	2.43	0.18
10.95	0.79	0.59	0.22	13.55	2.67	2.44	0.17
11.00	0.80	0.60	0.23	13.60	2.68	2.45	0.16
11.05	0.82	0.62	0.24	13.65	2.68	2.45	0.15
11.10	0.83	0.63	0.26	13.70	2.69	2.46	0.15
11.15	0.85	0.65	0.28	13.75	2.70	2.47	0.15
11.20	0.87	0.66	0.29	13.80	2.71	2.48	0.15
11.25	0.89	0.68	0.31	13.85	2.72	2.49	0.14
11.30	0.91	0.70	0.33	13.90	2.72	2.49	0.14
11.35	0.93	0.72	0.34	13.95	2.73	2.50	0.14
11.40	0.95	0.74	0.36	14.00	2.74	2.51	0.14
11.45	0.97	0.76	0.37	14.05	2.75	2.52	0.14
11.50	0.99	0.78	0.39	14.10	2.75	2.52	0.13
11.55	1.02	0.81	0.46	14.15	2.76	2.53	0.13
11.60	1.06	0.85	0.57	14.20	2.77	2.54	0.13
11.65	1.09	0.88	0.61	14.25	2.77	2.54	0.13
11.70	1.13	0.92	0.63	14.30	2.78	2.55	0.12
11.75	1.18	0.96	0.72	14.35	2.79	2.56	0.12
11.80	1.23	1.01	0.84	14.40	2.79	2.56	0.12
11.85	1.29	1.08	0.99	14.45	2.80	2.57	0.12
11.90	1.36	1.14	1.18	14.50	2.81	2.58	0.11
11.95	1.48	1.26	1.52	14.55	2.81	2.58	0.11
12.00	1.60	1.38	1.99	14.60	2.82	2.59	0.11
12.05	1.79	1.57	2.59	14.65	2.82	2.59	0.11
12.10	1.99	1.76	3.33	14.70	2.83	2.60	0.11
12.15	2.06	1.83	2.73	14.75	2.84	2.60	0.10
12.20	2.12	1.90	1.58	14.80	2.84	2.61	0.10
12.25	2.17	1.95	1.18	14.85	2.85	2.61	0.10
12.30	2.22	1.99	0.95	14.90	2.85	2.62	0.10
12.35	2.26	2.03	0.82	14.95	2.86	2.62	0.09
12.40	2.29	2.06	0.69	15.00	2.86	2.63	0.09
12.45	2.33	2.10	0.65	15.05	2.87	2.63	0.09
12.50	2.36	2.13	0.62	15.10	2.87	2.64	0.09
12.55	2.38	2.15	0.54	15.15	2.87	2.64	0.09
12.60	2.40	2.18	0.43	15.20	2.88	2.65	0.08
12.65	2.42	2.20	0.40	15.25	2.88	2.65	0.08
12.70	2.44	2.22	0.38	15.30	2.89	2.66	0.08
12.75	2.46	2.23	0.36	15.35	2.89	2.66	0.08
12.80	2.48	2.25	0.35	15.40	2.90	2.67	0.08
12.85	2.50	2.27	0.33	15.45	2.90	2.67	0.08
12.90	2.52	2.29	0.31	15.50	2.91	2.68	0.08
12.95	2.53	2.30	0.30	15.55	2.91	2.68	0.08

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.08	18.20	3.10	2.86	0.05
15.65	2.92	2.69	0.08	18.25	3.10	2.87	0.05
15.70	2.92	2.69	0.08	18.30	3.10	2.87	0.05
15.75	2.93	2.70	0.08	18.35	3.10	2.87	0.05
15.80	2.93	2.70	0.08	18.40	3.11	2.87	0.05
15.85	2.94	2.70	0.08	18.45	3.11	2.88	0.05
15.90	2.94	2.71	0.08	18.50	3.11	2.88	0.05
15.95	2.94	2.71	0.08	18.55	3.11	2.88	0.05
16.00	2.95	2.72	0.08	18.60	3.12	2.88	0.05
16.05	2.95	2.72	0.07	18.65	3.12	2.89	0.05
16.10	2.96	2.73	0.07	18.70	3.12	2.89	0.05
16.15	2.96	2.73	0.07	18.75	3.12	2.89	0.05
16.20	2.96	2.73	0.07	18.80	3.13	2.89	0.05
16.25	2.97	2.74	0.07	18.85	3.13	2.90	0.05
16.30	2.97	2.74	0.07	18.90	3.13	2.90	0.05
16.35	2.98	2.74	0.07	18.95	3.13	2.90	0.05
16.40	2.98	2.75	0.07	19.00	3.14	2.90	0.05
16.45	2.98	2.75	0.07	19.05	3.14	2.91	0.05
16.50	2.99	2.76	0.07	19.10	3.14	2.91	0.05
16.55	2.99	2.76	0.07	19.15	3.14	2.91	0.05
16.60	3.00	2.76	0.07	19.20	3.15	2.91	0.05
16.65	3.00	2.77	0.07	19.25	3.15	2.92	0.05
16.70	3.00	2.77	0.07	19.30	3.15	2.92	0.05
16.75	3.01	2.77	0.07	19.35	3.15	2.92	0.05
16.80	3.01	2.78	0.07	19.40	3.16	2.92	0.05
16.85	3.01	2.78	0.06	19.45	3.16	2.93	0.05
16.90	3.02	2.78	0.06	19.50	3.16	2.93	0.05
16.95	3.02	2.79	0.06	19.55	3.16	2.93	0.05
17.00	3.02	2.79	0.06	19.60	3.17	2.93	0.04
17.05	3.03	2.79	0.06	19.65	3.17	2.94	0.04
17.10	3.03	2.80	0.06	19.70	3.17	2.94	0.04
17.15	3.03	2.80	0.06	19.75	3.17	2.94	0.04
17.20	3.04	2.80	0.06	19.80	3.18	2.94	0.04
17.25	3.04	2.81	0.06	19.85	3.18	2.95	0.04
17.30	3.04	2.81	0.06	19.90	3.18	2.95	0.04
17.35	3.05	2.81	0.06	19.95	3.18	2.95	0.04
17.40	3.05	2.82	0.06	20.00	3.19	2.95	0.04
17.45	3.05	2.82	0.06	20.05	3.19	2.96	0.04
17.50	3.06	2.82	0.06	20.10	3.19	2.96	0.04
17.55	3.06	2.83	0.06	20.15	3.19	2.96	0.04
17.60	3.06	2.83	0.06	20.20	3.20	2.96	0.04
17.65	3.06	2.83	0.06	20.25	3.20	2.97	0.04
17.70	3.07	2.84	0.05	20.30	3.20	2.97	0.04
17.75	3.07	2.84	0.05	20.35	3.20	2.97	0.04
17.80	3.07	2.84	0.05	20.40	3.20	2.97	0.04
17.85	3.08	2.84	0.05	20.45	3.21	2.97	0.04
17.90	3.08	2.85	0.05	20.50	3.21	2.98	0.04
17.95	3.08	2.85	0.05	20.55	3.21	2.98	0.04
18.00	3.08	2.85	0.05	20.60	3.21	2.98	0.04
18.05	3.09	2.86	0.05	20.65	3.22	2.98	0.04
18.10	3.09	2.86	0.05	20.70	3.22	2.99	0.04
18.15	3.09	2.86	0.05	20.75	3.22	2.99	0.04

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.04	23.40	3.33	3.10	0.03
20.85	3.23	2.99	0.04	23.45	3.33	3.10	0.03
20.90	3.23	2.99	0.04	23.50	3.33	3.10	0.03
20.95	3.23	3.00	0.04	23.55	3.33	3.10	0.03
21.00	3.23	3.00	0.04	23.60	3.34	3.10	0.03
21.05	3.23	3.00	0.04	23.65	3.34	3.10	0.03
21.10	3.24	3.00	0.04	23.70	3.34	3.11	0.03
21.15	3.24	3.01	0.04	23.75	3.34	3.11	0.03
21.20	3.24	3.01	0.04	23.80	3.34	3.11	0.03
21.25	3.24	3.01	0.04	23.85	3.34	3.11	0.03
21.30	3.24	3.01	0.04	23.90	3.35	3.11	0.03
21.35	3.25	3.01	0.04	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.04	24.00	3.35	3.12	0.04
21.45	3.25	3.02	0.04	24.05	3.35	3.12	0.03
21.50	3.25	3.02	0.04	24.10	3.35	3.12	0.01
21.55	3.26	3.02	0.04	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.04	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.04	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.04	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.04	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.04	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.04	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.04	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.04	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.04	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.04	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.04	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.04	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.04	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.04	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.04	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.04	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.04	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.04	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.04	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.04	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.04	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.04	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.04	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.04	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.04	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.03	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.03	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.03	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.03	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.03	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.03	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.03	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 49P: PDA-49 (pervious)

Runoff = 1.68 cfs @ 12.14 hrs, Volume= 0.112 af, Depth= 1.14"
 Routed to Pond B-49 : Basin #49

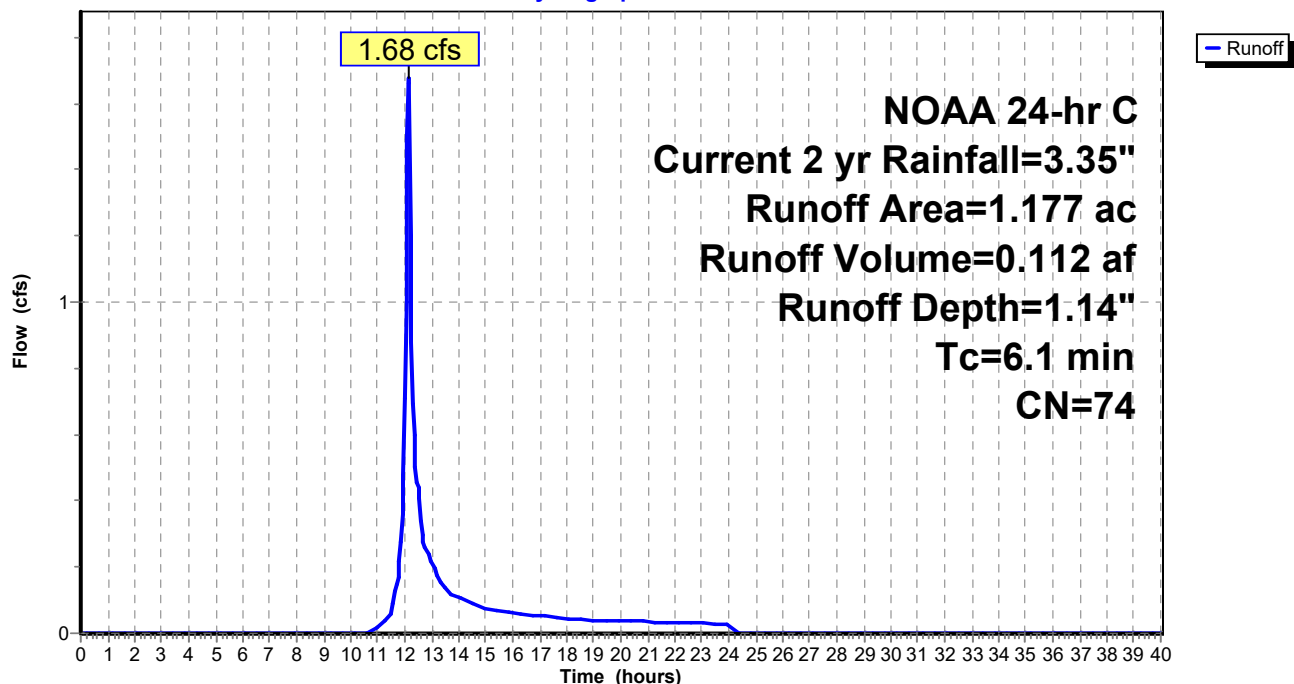
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.177	74	>75% Grass cover, Good, HSG C
1.177		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 49P: PDA-49 (pervious)

Hydrograph



Hydrograph for Subcatchment 49P: PDA-49 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.21
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.20
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.19
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.18
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.17
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.17
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.16
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.16
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.15
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.14
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.14
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.13
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.12
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.12
11.10	0.83	0.00	0.02	13.70	2.69	0.72	0.12
11.15	0.85	0.01	0.02	13.75	2.70	0.72	0.12
11.20	0.87	0.01	0.03	13.80	2.71	0.73	0.11
11.25	0.89	0.01	0.03	13.85	2.72	0.73	0.11
11.30	0.91	0.01	0.04	13.90	2.72	0.74	0.11
11.35	0.93	0.01	0.04	13.95	2.73	0.74	0.11
11.40	0.95	0.02	0.05	14.00	2.74	0.75	0.11
11.45	0.97	0.02	0.06	14.05	2.75	0.75	0.11
11.50	0.99	0.02	0.06	14.10	2.75	0.76	0.10
11.55	1.02	0.03	0.08	14.15	2.76	0.76	0.10
11.60	1.06	0.03	0.10	14.20	2.77	0.76	0.10
11.65	1.09	0.04	0.13	14.25	2.77	0.77	0.10
11.70	1.13	0.05	0.15	14.30	2.78	0.77	0.10
11.75	1.18	0.06	0.17	14.35	2.79	0.78	0.10
11.80	1.23	0.07	0.22	14.40	2.79	0.78	0.09
11.85	1.29	0.09	0.27	14.45	2.80	0.78	0.09
11.90	1.36	0.10	0.36	14.50	2.81	0.79	0.09
11.95	1.48	0.14	0.48	14.55	2.81	0.79	0.09
12.00	1.60	0.18	0.71	14.60	2.82	0.80	0.09
12.05	1.79	0.26	1.00	14.65	2.82	0.80	0.09
12.10	1.99	0.34	1.49	14.70	2.83	0.80	0.08
12.15	2.06	0.38	1.66	14.75	2.84	0.81	0.08
12.20	2.12	0.41	1.20	14.80	2.84	0.81	0.08
12.25	2.17	0.43	0.88	14.85	2.85	0.81	0.08
12.30	2.22	0.46	0.69	14.90	2.85	0.82	0.08
12.35	2.26	0.48	0.60	14.95	2.86	0.82	0.08
12.40	2.29	0.50	0.50	15.00	2.86	0.82	0.07
12.45	2.33	0.51	0.46	15.05	2.87	0.82	0.07
12.50	2.36	0.53	0.44	15.10	2.87	0.83	0.07
12.55	2.38	0.54	0.41	15.15	2.87	0.83	0.07
12.60	2.40	0.55	0.34	15.20	2.88	0.83	0.07
12.65	2.42	0.57	0.30	15.25	2.88	0.84	0.07
12.70	2.44	0.58	0.28	15.30	2.89	0.84	0.07
12.75	2.46	0.59	0.27	15.35	2.89	0.84	0.07
12.80	2.48	0.60	0.26	15.40	2.90	0.84	0.07
12.85	2.50	0.61	0.25	15.45	2.90	0.85	0.07
12.90	2.52	0.62	0.23	15.50	2.91	0.85	0.07
12.95	2.53	0.63	0.22	15.55	2.91	0.85	0.07

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.06	18.20	3.10	0.97	0.04
15.65	2.92	0.86	0.06	18.25	3.10	0.97	0.04
15.70	2.92	0.86	0.06	18.30	3.10	0.97	0.04
15.75	2.93	0.86	0.06	18.35	3.10	0.97	0.04
15.80	2.93	0.87	0.06	18.40	3.11	0.98	0.04
15.85	2.94	0.87	0.06	18.45	3.11	0.98	0.04
15.90	2.94	0.87	0.06	18.50	3.11	0.98	0.04
15.95	2.94	0.87	0.06	18.55	3.11	0.98	0.04
16.00	2.95	0.88	0.06	18.60	3.12	0.98	0.04
16.05	2.95	0.88	0.06	18.65	3.12	0.98	0.04
16.10	2.96	0.88	0.06	18.70	3.12	0.99	0.04
16.15	2.96	0.88	0.06	18.75	3.12	0.99	0.04
16.20	2.96	0.89	0.06	18.80	3.13	0.99	0.04
16.25	2.97	0.89	0.06	18.85	3.13	0.99	0.04
16.30	2.97	0.89	0.06	18.90	3.13	0.99	0.04
16.35	2.98	0.89	0.06	18.95	3.13	0.99	0.04
16.40	2.98	0.90	0.06	19.00	3.14	1.00	0.04
16.45	2.98	0.90	0.06	19.05	3.14	1.00	0.04
16.50	2.99	0.90	0.06	19.10	3.14	1.00	0.04
16.55	2.99	0.90	0.06	19.15	3.14	1.00	0.04
16.60	3.00	0.91	0.06	19.20	3.15	1.00	0.04
16.65	3.00	0.91	0.06	19.25	3.15	1.00	0.04
16.70	3.00	0.91	0.06	19.30	3.15	1.01	0.04
16.75	3.01	0.91	0.05	19.35	3.15	1.01	0.04
16.80	3.01	0.91	0.05	19.40	3.16	1.01	0.04
16.85	3.01	0.92	0.05	19.45	3.16	1.01	0.04
16.90	3.02	0.92	0.05	19.50	3.16	1.01	0.04
16.95	3.02	0.92	0.05	19.55	3.16	1.01	0.04
17.00	3.02	0.92	0.05	19.60	3.17	1.02	0.04
17.05	3.03	0.93	0.05	19.65	3.17	1.02	0.04
17.10	3.03	0.93	0.05	19.70	3.17	1.02	0.04
17.15	3.03	0.93	0.05	19.75	3.17	1.02	0.04
17.20	3.04	0.93	0.05	19.80	3.18	1.02	0.04
17.25	3.04	0.93	0.05	19.85	3.18	1.02	0.04
17.30	3.04	0.94	0.05	19.90	3.18	1.03	0.04
17.35	3.05	0.94	0.05	19.95	3.18	1.03	0.04
17.40	3.05	0.94	0.05	20.00	3.19	1.03	0.04
17.45	3.05	0.94	0.05	20.05	3.19	1.03	0.04
17.50	3.06	0.94	0.05	20.10	3.19	1.03	0.04
17.55	3.06	0.95	0.05	20.15	3.19	1.03	0.04
17.60	3.06	0.95	0.05	20.20	3.20	1.03	0.04
17.65	3.06	0.95	0.05	20.25	3.20	1.04	0.04
17.70	3.07	0.95	0.05	20.30	3.20	1.04	0.04
17.75	3.07	0.95	0.05	20.35	3.20	1.04	0.04
17.80	3.07	0.96	0.04	20.40	3.20	1.04	0.04
17.85	3.08	0.96	0.04	20.45	3.21	1.04	0.04
17.90	3.08	0.96	0.04	20.50	3.21	1.04	0.04
17.95	3.08	0.96	0.04	20.55	3.21	1.05	0.04
18.00	3.08	0.96	0.04	20.60	3.21	1.05	0.04
18.05	3.09	0.96	0.04	20.65	3.22	1.05	0.04
18.10	3.09	0.97	0.04	20.70	3.22	1.05	0.04
18.15	3.09	0.97	0.04	20.75	3.22	1.05	0.04

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.04	23.40	3.33	1.12	0.03
20.85	3.23	1.05	0.04	23.45	3.33	1.12	0.03
20.90	3.23	1.06	0.04	23.50	3.33	1.13	0.03
20.95	3.23	1.06	0.03	23.55	3.33	1.13	0.03
21.00	3.23	1.06	0.03	23.60	3.34	1.13	0.03
21.05	3.23	1.06	0.03	23.65	3.34	1.13	0.03
21.10	3.24	1.06	0.03	23.70	3.34	1.13	0.03
21.15	3.24	1.06	0.03	23.75	3.34	1.13	0.03
21.20	3.24	1.06	0.03	23.80	3.34	1.13	0.03
21.25	3.24	1.07	0.03	23.85	3.34	1.13	0.03
21.30	3.24	1.07	0.03	23.90	3.35	1.13	0.03
21.35	3.25	1.07	0.03	23.95	3.35	1.14	0.03
21.40	3.25	1.07	0.03	24.00	3.35	1.14	0.03
21.45	3.25	1.07	0.03	24.05	3.35	1.14	0.03
21.50	3.25	1.07	0.03	24.10	3.35	1.14	0.01
21.55	3.26	1.07	0.03	24.15	3.35	1.14	0.00
21.60	3.26	1.08	0.03	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.03	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.03	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.03	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.03	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.03	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.03	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.03	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.03	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.03	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.03	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.03	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.03	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.03	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.03	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.03	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.03	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.03	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.03	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.03	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.03	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.03	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.03	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.03	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.03	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.03	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.03	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.03	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.03	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.03	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.03	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.03	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.03	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.03	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.03	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.03	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment 50I: PDA-50 (impervious)

Runoff = 2.58 cfs @ 12.09 hrs, Volume= 0.172 af, Depth= 3.12"
 Routed to Pond B-50 : Basin #50

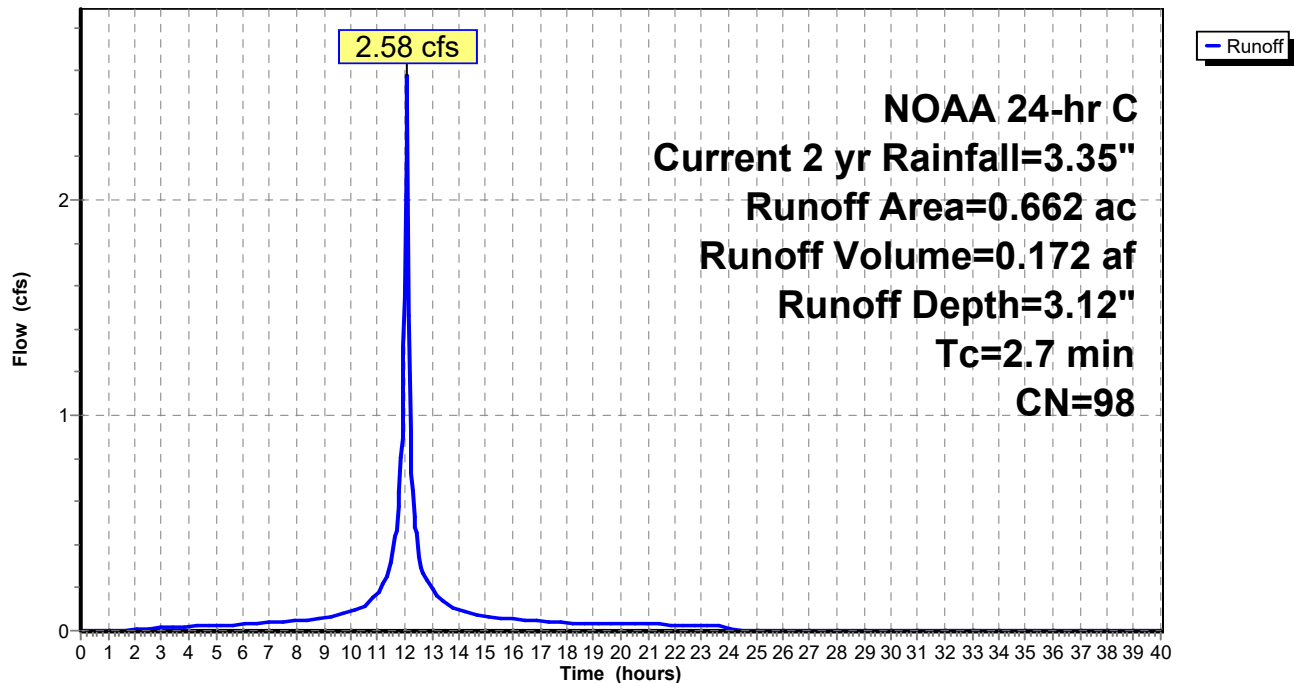
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
* 0.291	98	Pavement, HSG C
* 0.325	98	Roof, HSG C
* 0.046	98	Concrete, HSG C
0.662	98	Weighted Average
0.662		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7					Direct Entry,

Subcatchment 50I: PDA-50 (impervious)

Hydrograph



Hydrograph for Subcatchment 50I: PDA-50 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.01	0.01
0.05	0.00	0.00	0.00	2.65	0.10	0.01	0.01
0.10	0.00	0.00	0.00	2.70	0.11	0.02	0.01
0.15	0.01	0.00	0.00	2.75	0.11	0.02	0.01
0.20	0.01	0.00	0.00	2.80	0.11	0.02	0.01
0.25	0.01	0.00	0.00	2.85	0.11	0.02	0.01
0.30	0.01	0.00	0.00	2.90	0.11	0.02	0.01
0.35	0.01	0.00	0.00	2.95	0.12	0.02	0.01
0.40	0.01	0.00	0.00	3.00	0.12	0.02	0.01
0.45	0.02	0.00	0.00	3.05	0.12	0.02	0.01
0.50	0.02	0.00	0.00	3.10	0.12	0.02	0.01
0.55	0.02	0.00	0.00	3.15	0.12	0.02	0.01
0.60	0.02	0.00	0.00	3.20	0.13	0.03	0.01
0.65	0.02	0.00	0.00	3.25	0.13	0.03	0.02
0.70	0.03	0.00	0.00	3.30	0.13	0.03	0.02
0.75	0.03	0.00	0.00	3.35	0.13	0.03	0.02
0.80	0.03	0.00	0.00	3.40	0.14	0.03	0.02
0.85	0.03	0.00	0.00	3.45	0.14	0.03	0.02
0.90	0.03	0.00	0.00	3.50	0.14	0.03	0.02
0.95	0.03	0.00	0.00	3.55	0.14	0.03	0.02
1.00	0.04	0.00	0.00	3.60	0.15	0.04	0.02
1.05	0.04	0.00	0.00	3.65	0.15	0.04	0.02
1.10	0.04	0.00	0.00	3.70	0.15	0.04	0.02
1.15	0.04	0.00	0.00	3.75	0.15	0.04	0.02
1.20	0.04	0.00	0.00	3.80	0.15	0.04	0.02
1.25	0.05	0.00	0.00	3.85	0.16	0.04	0.02
1.30	0.05	0.00	0.00	3.90	0.16	0.04	0.02
1.35	0.05	0.00	0.00	3.95	0.16	0.04	0.02
1.40	0.05	0.00	0.00	4.00	0.16	0.05	0.02
1.45	0.05	0.00	0.00	4.05	0.17	0.05	0.02
1.50	0.06	0.00	0.00	4.10	0.17	0.05	0.02
1.55	0.06	0.00	0.00	4.15	0.17	0.05	0.02
1.60	0.06	0.00	0.00	4.20	0.17	0.05	0.02
1.65	0.06	0.00	0.00	4.25	0.18	0.05	0.02
1.70	0.06	0.00	0.00	4.30	0.18	0.06	0.02
1.75	0.07	0.00	0.01	4.35	0.18	0.06	0.02
1.80	0.07	0.00	0.01	4.40	0.18	0.06	0.02
1.85	0.07	0.00	0.01	4.45	0.19	0.06	0.02
1.90	0.07	0.00	0.01	4.50	0.19	0.06	0.02
1.95	0.07	0.00	0.01	4.55	0.19	0.06	0.02
2.00	0.08	0.01	0.01	4.60	0.19	0.07	0.02
2.05	0.08	0.01	0.01	4.65	0.20	0.07	0.02
2.10	0.08	0.01	0.01	4.70	0.20	0.07	0.02
2.15	0.08	0.01	0.01	4.75	0.20	0.07	0.02
2.20	0.08	0.01	0.01	4.80	0.20	0.07	0.02
2.25	0.09	0.01	0.01	4.85	0.21	0.07	0.02
2.30	0.09	0.01	0.01	4.90	0.21	0.08	0.02
2.35	0.09	0.01	0.01	4.95	0.21	0.08	0.02
2.40	0.09	0.01	0.01	5.00	0.21	0.08	0.02
2.45	0.09	0.01	0.01	5.05	0.22	0.08	0.02
2.50	0.10	0.01	0.01	5.10	0.22	0.08	0.02
2.55	0.10	0.01	0.01	5.15	0.22	0.08	0.02

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.09	0.02	7.80	0.39	0.22	0.04
5.25	0.23	0.09	0.02	7.85	0.39	0.22	0.05
5.30	0.23	0.09	0.02	7.90	0.39	0.22	0.05
5.35	0.23	0.09	0.03	7.95	0.40	0.23	0.05
5.40	0.23	0.09	0.03	8.00	0.40	0.23	0.05
5.45	0.24	0.10	0.03	8.05	0.41	0.23	0.05
5.50	0.24	0.10	0.03	8.10	0.41	0.24	0.05
5.55	0.24	0.10	0.03	8.15	0.41	0.24	0.05
5.60	0.24	0.10	0.03	8.20	0.42	0.24	0.05
5.65	0.25	0.10	0.03	8.25	0.42	0.25	0.05
5.70	0.25	0.11	0.03	8.30	0.43	0.25	0.05
5.75	0.25	0.11	0.03	8.35	0.43	0.26	0.05
5.80	0.25	0.11	0.03	8.40	0.43	0.26	0.05
5.85	0.26	0.11	0.03	8.45	0.44	0.26	0.05
5.90	0.26	0.11	0.03	8.50	0.44	0.27	0.05
5.95	0.26	0.12	0.03	8.55	0.45	0.27	0.05
6.00	0.27	0.12	0.03	8.60	0.45	0.28	0.05
6.05	0.27	0.12	0.03	8.65	0.46	0.28	0.05
6.10	0.27	0.12	0.03	8.70	0.46	0.28	0.05
6.15	0.27	0.12	0.03	8.75	0.47	0.29	0.05
6.20	0.28	0.13	0.03	8.80	0.47	0.29	0.05
6.25	0.28	0.13	0.03	8.85	0.48	0.30	0.06
6.30	0.28	0.13	0.03	8.90	0.48	0.30	0.06
6.35	0.29	0.13	0.03	8.95	0.48	0.30	0.06
6.40	0.29	0.14	0.03	9.00	0.49	0.31	0.06
6.45	0.29	0.14	0.03	9.05	0.49	0.31	0.06
6.50	0.29	0.14	0.03	9.10	0.50	0.32	0.06
6.55	0.30	0.14	0.03	9.15	0.50	0.32	0.06
6.60	0.30	0.15	0.03	9.20	0.51	0.33	0.06
6.65	0.30	0.15	0.03	9.25	0.51	0.33	0.07
6.70	0.31	0.15	0.03	9.30	0.52	0.34	0.07
6.75	0.31	0.15	0.03	9.35	0.53	0.34	0.07
6.80	0.31	0.16	0.03	9.40	0.53	0.35	0.07
6.85	0.32	0.16	0.04	9.45	0.54	0.35	0.07
6.90	0.32	0.16	0.04	9.50	0.54	0.36	0.07
6.95	0.32	0.16	0.04	9.55	0.55	0.36	0.07
7.00	0.33	0.17	0.04	9.60	0.56	0.37	0.08
7.05	0.33	0.17	0.04	9.65	0.56	0.38	0.08
7.10	0.33	0.17	0.04	9.70	0.57	0.38	0.08
7.15	0.34	0.18	0.04	9.75	0.58	0.39	0.08
7.20	0.34	0.18	0.04	9.80	0.58	0.39	0.08
7.25	0.34	0.18	0.04	9.85	0.59	0.40	0.08
7.30	0.35	0.18	0.04	9.90	0.60	0.41	0.09
7.35	0.35	0.19	0.04	9.95	0.60	0.41	0.09
7.40	0.35	0.19	0.04	10.00	0.61	0.42	0.09
7.45	0.36	0.19	0.04	10.05	0.62	0.43	0.09
7.50	0.36	0.20	0.04	10.10	0.63	0.43	0.09
7.55	0.37	0.20	0.04	10.15	0.63	0.44	0.10
7.60	0.37	0.20	0.04	10.20	0.64	0.45	0.10
7.65	0.37	0.21	0.04	10.25	0.65	0.46	0.10
7.70	0.38	0.21	0.04	10.30	0.66	0.46	0.10
7.75	0.38	0.21	0.04	10.35	0.67	0.47	0.10

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.48	0.10	13.00	2.55	2.32	0.20
10.45	0.68	0.49	0.11	13.05	2.56	2.33	0.18
10.50	0.69	0.49	0.11	13.10	2.57	2.34	0.18
10.55	0.70	0.50	0.11	13.15	2.58	2.36	0.17
10.60	0.71	0.51	0.12	13.20	2.60	2.37	0.16
10.65	0.72	0.52	0.13	13.25	2.61	2.38	0.16
10.70	0.73	0.53	0.13	13.30	2.62	2.39	0.15
10.75	0.74	0.54	0.14	13.35	2.63	2.40	0.14
10.80	0.75	0.55	0.14	13.40	2.64	2.41	0.14
10.85	0.77	0.57	0.15	13.45	2.65	2.42	0.13
10.90	0.78	0.58	0.16	13.50	2.66	2.43	0.13
10.95	0.79	0.59	0.16	13.55	2.67	2.44	0.12
11.00	0.80	0.60	0.17	13.60	2.68	2.45	0.11
11.05	0.82	0.62	0.18	13.65	2.68	2.45	0.11
11.10	0.83	0.63	0.19	13.70	2.69	2.46	0.11
11.15	0.85	0.65	0.21	13.75	2.70	2.47	0.11
11.20	0.87	0.66	0.22	13.80	2.71	2.48	0.11
11.25	0.89	0.68	0.23	13.85	2.72	2.49	0.10
11.30	0.91	0.70	0.24	13.90	2.72	2.49	0.10
11.35	0.93	0.72	0.26	13.95	2.73	2.50	0.10
11.40	0.95	0.74	0.26	14.00	2.74	2.51	0.10
11.45	0.97	0.76	0.28	14.05	2.75	2.52	0.10
11.50	0.99	0.78	0.29	14.10	2.75	2.52	0.10
11.55	1.02	0.81	0.39	14.15	2.76	2.53	0.09
11.60	1.06	0.85	0.44	14.20	2.77	2.54	0.09
11.65	1.09	0.88	0.45	14.25	2.77	2.54	0.09
11.70	1.13	0.92	0.47	14.30	2.78	2.55	0.09
11.75	1.18	0.96	0.58	14.35	2.79	2.56	0.09
11.80	1.23	1.01	0.64	14.40	2.79	2.56	0.09
11.85	1.29	1.08	0.80	14.45	2.80	2.57	0.08
11.90	1.36	1.14	0.90	14.50	2.81	2.58	0.08
11.95	1.48	1.26	1.32	14.55	2.81	2.58	0.08
12.00	1.60	1.38	1.55	14.60	2.82	2.59	0.08
12.05	1.79	1.57	2.23	14.65	2.82	2.59	0.08
12.10	1.99	1.76	2.52	14.70	2.83	2.60	0.08
12.15	2.06	1.83	1.46	14.75	2.84	2.60	0.07
12.20	2.12	1.90	0.93	14.80	2.84	2.61	0.07
12.25	2.17	1.95	0.73	14.85	2.85	2.61	0.07
12.30	2.22	1.99	0.65	14.90	2.85	2.62	0.07
12.35	2.26	2.03	0.53	14.95	2.86	2.62	0.07
12.40	2.29	2.06	0.48	15.00	2.86	2.63	0.07
12.45	2.33	2.10	0.46	15.05	2.87	2.63	0.06
12.50	2.36	2.13	0.45	15.10	2.87	2.64	0.06
12.55	2.38	2.15	0.34	15.15	2.87	2.64	0.06
12.60	2.40	2.18	0.29	15.20	2.88	2.65	0.06
12.65	2.42	2.20	0.28	15.25	2.88	2.65	0.06
12.70	2.44	2.22	0.27	15.30	2.89	2.66	0.06
12.75	2.46	2.23	0.26	15.35	2.89	2.66	0.06
12.80	2.48	2.25	0.25	15.40	2.90	2.67	0.06
12.85	2.50	2.27	0.23	15.45	2.90	2.67	0.06
12.90	2.52	2.29	0.22	15.50	2.91	2.68	0.06
12.95	2.53	2.30	0.21	15.55	2.91	2.68	0.06

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	2.68	0.06	18.20	3.10	2.86	0.04
15.65	2.92	2.69	0.06	18.25	3.10	2.87	0.04
15.70	2.92	2.69	0.06	18.30	3.10	2.87	0.04
15.75	2.93	2.70	0.06	18.35	3.10	2.87	0.04
15.80	2.93	2.70	0.06	18.40	3.11	2.87	0.04
15.85	2.94	2.70	0.06	18.45	3.11	2.88	0.04
15.90	2.94	2.71	0.06	18.50	3.11	2.88	0.03
15.95	2.94	2.71	0.05	18.55	3.11	2.88	0.03
16.00	2.95	2.72	0.05	18.60	3.12	2.88	0.03
16.05	2.95	2.72	0.05	18.65	3.12	2.89	0.03
16.10	2.96	2.73	0.05	18.70	3.12	2.89	0.03
16.15	2.96	2.73	0.05	18.75	3.12	2.89	0.03
16.20	2.96	2.73	0.05	18.80	3.13	2.89	0.03
16.25	2.97	2.74	0.05	18.85	3.13	2.90	0.03
16.30	2.97	2.74	0.05	18.90	3.13	2.90	0.03
16.35	2.98	2.74	0.05	18.95	3.13	2.90	0.03
16.40	2.98	2.75	0.05	19.00	3.14	2.90	0.03
16.45	2.98	2.75	0.05	19.05	3.14	2.91	0.03
16.50	2.99	2.76	0.05	19.10	3.14	2.91	0.03
16.55	2.99	2.76	0.05	19.15	3.14	2.91	0.03
16.60	3.00	2.76	0.05	19.20	3.15	2.91	0.03
16.65	3.00	2.77	0.05	19.25	3.15	2.92	0.03
16.70	3.00	2.77	0.05	19.30	3.15	2.92	0.03
16.75	3.01	2.77	0.05	19.35	3.15	2.92	0.03
16.80	3.01	2.78	0.05	19.40	3.16	2.92	0.03
16.85	3.01	2.78	0.05	19.45	3.16	2.93	0.03
16.90	3.02	2.78	0.05	19.50	3.16	2.93	0.03
16.95	3.02	2.79	0.05	19.55	3.16	2.93	0.03
17.00	3.02	2.79	0.05	19.60	3.17	2.93	0.03
17.05	3.03	2.79	0.05	19.65	3.17	2.94	0.03
17.10	3.03	2.80	0.04	19.70	3.17	2.94	0.03
17.15	3.03	2.80	0.04	19.75	3.17	2.94	0.03
17.20	3.04	2.80	0.04	19.80	3.18	2.94	0.03
17.25	3.04	2.81	0.04	19.85	3.18	2.95	0.03
17.30	3.04	2.81	0.04	19.90	3.18	2.95	0.03
17.35	3.05	2.81	0.04	19.95	3.18	2.95	0.03
17.40	3.05	2.82	0.04	20.00	3.19	2.95	0.03
17.45	3.05	2.82	0.04	20.05	3.19	2.96	0.03
17.50	3.06	2.82	0.04	20.10	3.19	2.96	0.03
17.55	3.06	2.83	0.04	20.15	3.19	2.96	0.03
17.60	3.06	2.83	0.04	20.20	3.20	2.96	0.03
17.65	3.06	2.83	0.04	20.25	3.20	2.97	0.03
17.70	3.07	2.84	0.04	20.30	3.20	2.97	0.03
17.75	3.07	2.84	0.04	20.35	3.20	2.97	0.03
17.80	3.07	2.84	0.04	20.40	3.20	2.97	0.03
17.85	3.08	2.84	0.04	20.45	3.21	2.97	0.03
17.90	3.08	2.85	0.04	20.50	3.21	2.98	0.03
17.95	3.08	2.85	0.04	20.55	3.21	2.98	0.03
18.00	3.08	2.85	0.04	20.60	3.21	2.98	0.03
18.05	3.09	2.86	0.04	20.65	3.22	2.98	0.03
18.10	3.09	2.86	0.04	20.70	3.22	2.99	0.03
18.15	3.09	2.86	0.04	20.75	3.22	2.99	0.03

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	2.99	0.03	23.40	3.33	3.10	0.02
20.85	3.23	2.99	0.03	23.45	3.33	3.10	0.02
20.90	3.23	2.99	0.03	23.50	3.33	3.10	0.02
20.95	3.23	3.00	0.03	23.55	3.33	3.10	0.02
21.00	3.23	3.00	0.03	23.60	3.34	3.10	0.02
21.05	3.23	3.00	0.03	23.65	3.34	3.10	0.02
21.10	3.24	3.00	0.03	23.70	3.34	3.11	0.02
21.15	3.24	3.01	0.03	23.75	3.34	3.11	0.02
21.20	3.24	3.01	0.03	23.80	3.34	3.11	0.02
21.25	3.24	3.01	0.03	23.85	3.34	3.11	0.02
21.30	3.24	3.01	0.03	23.90	3.35	3.11	0.02
21.35	3.25	3.01	0.03	23.95	3.35	3.11	0.03
21.40	3.25	3.02	0.03	24.00	3.35	3.12	0.03
21.45	3.25	3.02	0.03	24.05	3.35	3.12	0.01
21.50	3.25	3.02	0.03	24.10	3.35	3.12	0.00
21.55	3.26	3.02	0.03	24.15	3.35	3.12	0.00
21.60	3.26	3.02	0.03	24.20	3.35	3.12	0.00
21.65	3.26	3.03	0.03	24.25	3.35	3.12	0.00
21.70	3.26	3.03	0.03	24.30	3.35	3.12	0.00
21.75	3.26	3.03	0.03	24.35	3.35	3.12	0.00
21.80	3.27	3.03	0.03	24.40	3.35	3.12	0.00
21.85	3.27	3.04	0.03	24.45	3.35	3.12	0.00
21.90	3.27	3.04	0.03	24.50	3.35	3.12	0.00
21.95	3.27	3.04	0.03	24.55	3.35	3.12	0.00
22.00	3.27	3.04	0.03	24.60	3.35	3.12	0.00
22.05	3.28	3.04	0.03	24.65	3.35	3.12	0.00
22.10	3.28	3.05	0.03	24.70	3.35	3.12	0.00
22.15	3.28	3.05	0.03	24.75	3.35	3.12	0.00
22.20	3.28	3.05	0.03	24.80	3.35	3.12	0.00
22.25	3.28	3.05	0.03	24.85	3.35	3.12	0.00
22.30	3.29	3.05	0.03	24.90	3.35	3.12	0.00
22.35	3.29	3.06	0.03	24.95	3.35	3.12	0.00
22.40	3.29	3.06	0.03	25.00	3.35	3.12	0.00
22.45	3.29	3.06	0.03	25.05	3.35	3.12	0.00
22.50	3.29	3.06	0.03	25.10	3.35	3.12	0.00
22.55	3.30	3.06	0.03	25.15	3.35	3.12	0.00
22.60	3.30	3.07	0.03	25.20	3.35	3.12	0.00
22.65	3.30	3.07	0.03	25.25	3.35	3.12	0.00
22.70	3.30	3.07	0.03	25.30	3.35	3.12	0.00
22.75	3.30	3.07	0.03	25.35	3.35	3.12	0.00
22.80	3.31	3.07	0.03	25.40	3.35	3.12	0.00
22.85	3.31	3.07	0.03	25.45	3.35	3.12	0.00
22.90	3.31	3.08	0.03	25.50	3.35	3.12	0.00
22.95	3.31	3.08	0.03	25.55	3.35	3.12	0.00
23.00	3.31	3.08	0.03	25.60	3.35	3.12	0.00
23.05	3.32	3.08	0.02	25.65	3.35	3.12	0.00
23.10	3.32	3.08	0.02	25.70	3.35	3.12	0.00
23.15	3.32	3.09	0.02	25.75	3.35	3.12	0.00
23.20	3.32	3.09	0.02	25.80	3.35	3.12	0.00
23.25	3.32	3.09	0.02	25.85	3.35	3.12	0.00
23.30	3.32	3.09	0.02	25.90	3.35	3.12	0.00
23.35	3.33	3.09	0.02	25.95	3.35	3.12	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	3.12	0.00	28.60	3.35	3.12	0.00
26.05	3.35	3.12	0.00	28.65	3.35	3.12	0.00
26.10	3.35	3.12	0.00	28.70	3.35	3.12	0.00
26.15	3.35	3.12	0.00	28.75	3.35	3.12	0.00
26.20	3.35	3.12	0.00	28.80	3.35	3.12	0.00
26.25	3.35	3.12	0.00	28.85	3.35	3.12	0.00
26.30	3.35	3.12	0.00	28.90	3.35	3.12	0.00
26.35	3.35	3.12	0.00	28.95	3.35	3.12	0.00
26.40	3.35	3.12	0.00	29.00	3.35	3.12	0.00
26.45	3.35	3.12	0.00	29.05	3.35	3.12	0.00
26.50	3.35	3.12	0.00	29.10	3.35	3.12	0.00
26.55	3.35	3.12	0.00	29.15	3.35	3.12	0.00
26.60	3.35	3.12	0.00	29.20	3.35	3.12	0.00
26.65	3.35	3.12	0.00	29.25	3.35	3.12	0.00
26.70	3.35	3.12	0.00	29.30	3.35	3.12	0.00
26.75	3.35	3.12	0.00	29.35	3.35	3.12	0.00
26.80	3.35	3.12	0.00	29.40	3.35	3.12	0.00
26.85	3.35	3.12	0.00	29.45	3.35	3.12	0.00
26.90	3.35	3.12	0.00	29.50	3.35	3.12	0.00
26.95	3.35	3.12	0.00	29.55	3.35	3.12	0.00
27.00	3.35	3.12	0.00	29.60	3.35	3.12	0.00
27.05	3.35	3.12	0.00	29.65	3.35	3.12	0.00
27.10	3.35	3.12	0.00	29.70	3.35	3.12	0.00
27.15	3.35	3.12	0.00	29.75	3.35	3.12	0.00
27.20	3.35	3.12	0.00	29.80	3.35	3.12	0.00
27.25	3.35	3.12	0.00	29.85	3.35	3.12	0.00
27.30	3.35	3.12	0.00	29.90	3.35	3.12	0.00
27.35	3.35	3.12	0.00	29.95	3.35	3.12	0.00
27.40	3.35	3.12	0.00	30.00	3.35	3.12	0.00
27.45	3.35	3.12	0.00	30.05	3.35	3.12	0.00
27.50	3.35	3.12	0.00	30.10	3.35	3.12	0.00
27.55	3.35	3.12	0.00	30.15	3.35	3.12	0.00
27.60	3.35	3.12	0.00	30.20	3.35	3.12	0.00
27.65	3.35	3.12	0.00	30.25	3.35	3.12	0.00
27.70	3.35	3.12	0.00	30.30	3.35	3.12	0.00
27.75	3.35	3.12	0.00	30.35	3.35	3.12	0.00
27.80	3.35	3.12	0.00	30.40	3.35	3.12	0.00
27.85	3.35	3.12	0.00	30.45	3.35	3.12	0.00
27.90	3.35	3.12	0.00	30.50	3.35	3.12	0.00
27.95	3.35	3.12	0.00	30.55	3.35	3.12	0.00
28.00	3.35	3.12	0.00	30.60	3.35	3.12	0.00
28.05	3.35	3.12	0.00	30.65	3.35	3.12	0.00
28.10	3.35	3.12	0.00	30.70	3.35	3.12	0.00
28.15	3.35	3.12	0.00	30.75	3.35	3.12	0.00
28.20	3.35	3.12	0.00	30.80	3.35	3.12	0.00
28.25	3.35	3.12	0.00	30.85	3.35	3.12	0.00
28.30	3.35	3.12	0.00	30.90	3.35	3.12	0.00
28.35	3.35	3.12	0.00	30.95	3.35	3.12	0.00
28.40	3.35	3.12	0.00	31.00	3.35	3.12	0.00
28.45	3.35	3.12	0.00	31.05	3.35	3.12	0.00
28.50	3.35	3.12	0.00	31.10	3.35	3.12	0.00
28.55	3.35	3.12	0.00	31.15	3.35	3.12	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	3.12	0.00	33.80	3.35	3.12	0.00
31.25	3.35	3.12	0.00	33.85	3.35	3.12	0.00
31.30	3.35	3.12	0.00	33.90	3.35	3.12	0.00
31.35	3.35	3.12	0.00	33.95	3.35	3.12	0.00
31.40	3.35	3.12	0.00	34.00	3.35	3.12	0.00
31.45	3.35	3.12	0.00	34.05	3.35	3.12	0.00
31.50	3.35	3.12	0.00	34.10	3.35	3.12	0.00
31.55	3.35	3.12	0.00	34.15	3.35	3.12	0.00
31.60	3.35	3.12	0.00	34.20	3.35	3.12	0.00
31.65	3.35	3.12	0.00	34.25	3.35	3.12	0.00
31.70	3.35	3.12	0.00	34.30	3.35	3.12	0.00
31.75	3.35	3.12	0.00	34.35	3.35	3.12	0.00
31.80	3.35	3.12	0.00	34.40	3.35	3.12	0.00
31.85	3.35	3.12	0.00	34.45	3.35	3.12	0.00
31.90	3.35	3.12	0.00	34.50	3.35	3.12	0.00
31.95	3.35	3.12	0.00	34.55	3.35	3.12	0.00
32.00	3.35	3.12	0.00	34.60	3.35	3.12	0.00
32.05	3.35	3.12	0.00	34.65	3.35	3.12	0.00
32.10	3.35	3.12	0.00	34.70	3.35	3.12	0.00
32.15	3.35	3.12	0.00	34.75	3.35	3.12	0.00
32.20	3.35	3.12	0.00	34.80	3.35	3.12	0.00
32.25	3.35	3.12	0.00	34.85	3.35	3.12	0.00
32.30	3.35	3.12	0.00	34.90	3.35	3.12	0.00
32.35	3.35	3.12	0.00	34.95	3.35	3.12	0.00
32.40	3.35	3.12	0.00	35.00	3.35	3.12	0.00
32.45	3.35	3.12	0.00	35.05	3.35	3.12	0.00
32.50	3.35	3.12	0.00	35.10	3.35	3.12	0.00
32.55	3.35	3.12	0.00	35.15	3.35	3.12	0.00
32.60	3.35	3.12	0.00	35.20	3.35	3.12	0.00
32.65	3.35	3.12	0.00	35.25	3.35	3.12	0.00
32.70	3.35	3.12	0.00	35.30	3.35	3.12	0.00
32.75	3.35	3.12	0.00	35.35	3.35	3.12	0.00
32.80	3.35	3.12	0.00	35.40	3.35	3.12	0.00
32.85	3.35	3.12	0.00	35.45	3.35	3.12	0.00
32.90	3.35	3.12	0.00	35.50	3.35	3.12	0.00
32.95	3.35	3.12	0.00	35.55	3.35	3.12	0.00
33.00	3.35	3.12	0.00	35.60	3.35	3.12	0.00
33.05	3.35	3.12	0.00	35.65	3.35	3.12	0.00
33.10	3.35	3.12	0.00	35.70	3.35	3.12	0.00
33.15	3.35	3.12	0.00	35.75	3.35	3.12	0.00
33.20	3.35	3.12	0.00	35.80	3.35	3.12	0.00
33.25	3.35	3.12	0.00	35.85	3.35	3.12	0.00
33.30	3.35	3.12	0.00	35.90	3.35	3.12	0.00
33.35	3.35	3.12	0.00	35.95	3.35	3.12	0.00
33.40	3.35	3.12	0.00	36.00	3.35	3.12	0.00
33.45	3.35	3.12	0.00	36.05	3.35	3.12	0.00
33.50	3.35	3.12	0.00	36.10	3.35	3.12	0.00
33.55	3.35	3.12	0.00	36.15	3.35	3.12	0.00
33.60	3.35	3.12	0.00	36.20	3.35	3.12	0.00
33.65	3.35	3.12	0.00	36.25	3.35	3.12	0.00
33.70	3.35	3.12	0.00	36.30	3.35	3.12	0.00
33.75	3.35	3.12	0.00	36.35	3.35	3.12	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	3.12	0.00	39.00	3.35	3.12	0.00
36.45	3.35	3.12	0.00	39.05	3.35	3.12	0.00
36.50	3.35	3.12	0.00	39.10	3.35	3.12	0.00
36.55	3.35	3.12	0.00	39.15	3.35	3.12	0.00
36.60	3.35	3.12	0.00	39.20	3.35	3.12	0.00
36.65	3.35	3.12	0.00	39.25	3.35	3.12	0.00
36.70	3.35	3.12	0.00	39.30	3.35	3.12	0.00
36.75	3.35	3.12	0.00	39.35	3.35	3.12	0.00
36.80	3.35	3.12	0.00	39.40	3.35	3.12	0.00
36.85	3.35	3.12	0.00	39.45	3.35	3.12	0.00
36.90	3.35	3.12	0.00	39.50	3.35	3.12	0.00
36.95	3.35	3.12	0.00	39.55	3.35	3.12	0.00
37.00	3.35	3.12	0.00	39.60	3.35	3.12	0.00
37.05	3.35	3.12	0.00	39.65	3.35	3.12	0.00
37.10	3.35	3.12	0.00	39.70	3.35	3.12	0.00
37.15	3.35	3.12	0.00	39.75	3.35	3.12	0.00
37.20	3.35	3.12	0.00	39.80	3.35	3.12	0.00
37.25	3.35	3.12	0.00	39.85	3.35	3.12	0.00
37.30	3.35	3.12	0.00	39.90	3.35	3.12	0.00
37.35	3.35	3.12	0.00	39.95	3.35	3.12	0.00
37.40	3.35	3.12	0.00	40.00	3.35	3.12	0.00
37.45	3.35	3.12	0.00				
37.50	3.35	3.12	0.00				
37.55	3.35	3.12	0.00				
37.60	3.35	3.12	0.00				
37.65	3.35	3.12	0.00				
37.70	3.35	3.12	0.00				
37.75	3.35	3.12	0.00				
37.80	3.35	3.12	0.00				
37.85	3.35	3.12	0.00				
37.90	3.35	3.12	0.00				
37.95	3.35	3.12	0.00				
38.00	3.35	3.12	0.00				
38.05	3.35	3.12	0.00				
38.10	3.35	3.12	0.00				
38.15	3.35	3.12	0.00				
38.20	3.35	3.12	0.00				
38.25	3.35	3.12	0.00				
38.30	3.35	3.12	0.00				
38.35	3.35	3.12	0.00				
38.40	3.35	3.12	0.00				
38.45	3.35	3.12	0.00				
38.50	3.35	3.12	0.00				
38.55	3.35	3.12	0.00				
38.60	3.35	3.12	0.00				
38.65	3.35	3.12	0.00				
38.70	3.35	3.12	0.00				
38.75	3.35	3.12	0.00				
38.80	3.35	3.12	0.00				
38.85	3.35	3.12	0.00				
38.90	3.35	3.12	0.00				
38.95	3.35	3.12	0.00				

Summary for Subcatchment 50P: PDA-50 (pervious)

Runoff = 2.28 cfs @ 12.14 hrs, Volume= 0.152 af, Depth= 1.14"
 Routed to Pond B-50 : Basin #50

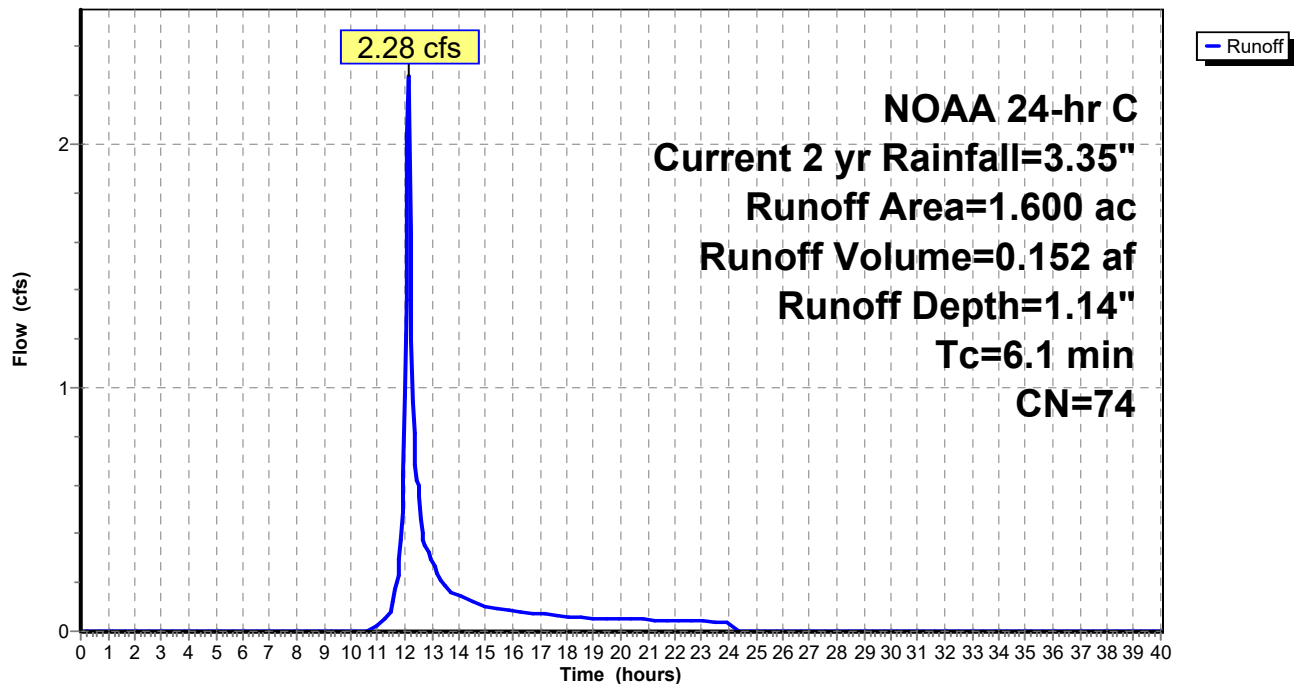
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
1.600	74	>75% Grass cover, Good, HSG C
1.600		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 50P: PDA-50 (pervious)

Hydrograph



Hydrograph for Subcatchment 50P: PDA-50 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.29
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.28
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.26
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.25
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.24
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.23
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.22
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.21
10.80	0.75	0.00	0.01	13.40	2.64	0.69	0.20
10.85	0.77	0.00	0.01	13.45	2.65	0.69	0.19
10.90	0.78	0.00	0.01	13.50	2.66	0.70	0.19
10.95	0.79	0.00	0.01	13.55	2.67	0.70	0.18
11.00	0.80	0.00	0.02	13.60	2.68	0.71	0.17
11.05	0.82	0.00	0.02	13.65	2.68	0.71	0.16
11.10	0.83	0.00	0.03	13.70	2.69	0.72	0.16
11.15	0.85	0.01	0.03	13.75	2.70	0.72	0.16
11.20	0.87	0.01	0.04	13.80	2.71	0.73	0.15
11.25	0.89	0.01	0.04	13.85	2.72	0.73	0.15
11.30	0.91	0.01	0.05	13.90	2.72	0.74	0.15
11.35	0.93	0.01	0.06	13.95	2.73	0.74	0.15
11.40	0.95	0.02	0.07	14.00	2.74	0.75	0.15
11.45	0.97	0.02	0.08	14.05	2.75	0.75	0.14
11.50	0.99	0.02	0.09	14.10	2.75	0.76	0.14
11.55	1.02	0.03	0.10	14.15	2.76	0.76	0.14
11.60	1.06	0.03	0.14	14.20	2.77	0.76	0.14
11.65	1.09	0.04	0.17	14.25	2.77	0.77	0.14
11.70	1.13	0.05	0.20	14.30	2.78	0.77	0.13
11.75	1.18	0.06	0.23	14.35	2.79	0.78	0.13
11.80	1.23	0.07	0.30	14.40	2.79	0.78	0.13
11.85	1.29	0.09	0.37	14.45	2.80	0.78	0.13
11.90	1.36	0.10	0.49	14.50	2.81	0.79	0.12
11.95	1.48	0.14	0.65	14.55	2.81	0.79	0.12
12.00	1.60	0.18	0.97	14.60	2.82	0.80	0.12
12.05	1.79	0.26	1.36	14.65	2.82	0.80	0.12
12.10	1.99	0.34	2.03	14.70	2.83	0.80	0.11
12.15	2.06	0.38	2.26	14.75	2.84	0.81	0.11
12.20	2.12	0.41	1.64	14.80	2.84	0.81	0.11
12.25	2.17	0.43	1.19	14.85	2.85	0.81	0.11
12.30	2.22	0.46	0.94	14.90	2.85	0.82	0.10
12.35	2.26	0.48	0.81	14.95	2.86	0.82	0.10
12.40	2.29	0.50	0.68	15.00	2.86	0.82	0.10
12.45	2.33	0.51	0.62	15.05	2.87	0.82	0.10
12.50	2.36	0.53	0.59	15.10	2.87	0.83	0.10
12.55	2.38	0.54	0.56	15.15	2.87	0.83	0.09
12.60	2.40	0.55	0.46	15.20	2.88	0.83	0.09
12.65	2.42	0.57	0.40	15.25	2.88	0.84	0.09
12.70	2.44	0.58	0.38	15.30	2.89	0.84	0.09
12.75	2.46	0.59	0.36	15.35	2.89	0.84	0.09
12.80	2.48	0.60	0.35	15.40	2.90	0.84	0.09
12.85	2.50	0.61	0.33	15.45	2.90	0.85	0.09
12.90	2.52	0.62	0.32	15.50	2.91	0.85	0.09
12.95	2.53	0.63	0.31	15.55	2.91	0.85	0.09

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.09	18.20	3.10	0.97	0.06
15.65	2.92	0.86	0.09	18.25	3.10	0.97	0.06
15.70	2.92	0.86	0.09	18.30	3.10	0.97	0.06
15.75	2.93	0.86	0.09	18.35	3.10	0.97	0.06
15.80	2.93	0.87	0.09	18.40	3.11	0.98	0.06
15.85	2.94	0.87	0.09	18.45	3.11	0.98	0.06
15.90	2.94	0.87	0.08	18.50	3.11	0.98	0.06
15.95	2.94	0.87	0.08	18.55	3.11	0.98	0.05
16.00	2.95	0.88	0.08	18.60	3.12	0.98	0.05
16.05	2.95	0.88	0.08	18.65	3.12	0.98	0.05
16.10	2.96	0.88	0.08	18.70	3.12	0.99	0.05
16.15	2.96	0.88	0.08	18.75	3.12	0.99	0.05
16.20	2.96	0.89	0.08	18.80	3.13	0.99	0.05
16.25	2.97	0.89	0.08	18.85	3.13	0.99	0.05
16.30	2.97	0.89	0.08	18.90	3.13	0.99	0.05
16.35	2.98	0.89	0.08	18.95	3.13	0.99	0.05
16.40	2.98	0.90	0.08	19.00	3.14	1.00	0.05
16.45	2.98	0.90	0.08	19.05	3.14	1.00	0.05
16.50	2.99	0.90	0.08	19.10	3.14	1.00	0.05
16.55	2.99	0.90	0.08	19.15	3.14	1.00	0.05
16.60	3.00	0.91	0.08	19.20	3.15	1.00	0.05
16.65	3.00	0.91	0.08	19.25	3.15	1.00	0.05
16.70	3.00	0.91	0.07	19.30	3.15	1.01	0.05
16.75	3.01	0.91	0.07	19.35	3.15	1.01	0.05
16.80	3.01	0.91	0.07	19.40	3.16	1.01	0.05
16.85	3.01	0.92	0.07	19.45	3.16	1.01	0.05
16.90	3.02	0.92	0.07	19.50	3.16	1.01	0.05
16.95	3.02	0.92	0.07	19.55	3.16	1.01	0.05
17.00	3.02	0.92	0.07	19.60	3.17	1.02	0.05
17.05	3.03	0.93	0.07	19.65	3.17	1.02	0.05
17.10	3.03	0.93	0.07	19.70	3.17	1.02	0.05
17.15	3.03	0.93	0.07	19.75	3.17	1.02	0.05
17.20	3.04	0.93	0.07	19.80	3.18	1.02	0.05
17.25	3.04	0.93	0.07	19.85	3.18	1.02	0.05
17.30	3.04	0.94	0.07	19.90	3.18	1.03	0.05
17.35	3.05	0.94	0.07	19.95	3.18	1.03	0.05
17.40	3.05	0.94	0.07	20.00	3.19	1.03	0.05
17.45	3.05	0.94	0.07	20.05	3.19	1.03	0.05
17.50	3.06	0.94	0.06	20.10	3.19	1.03	0.05
17.55	3.06	0.95	0.06	20.15	3.19	1.03	0.05
17.60	3.06	0.95	0.06	20.20	3.20	1.03	0.05
17.65	3.06	0.95	0.06	20.25	3.20	1.04	0.05
17.70	3.07	0.95	0.06	20.30	3.20	1.04	0.05
17.75	3.07	0.95	0.06	20.35	3.20	1.04	0.05
17.80	3.07	0.96	0.06	20.40	3.20	1.04	0.05
17.85	3.08	0.96	0.06	20.45	3.21	1.04	0.05
17.90	3.08	0.96	0.06	20.50	3.21	1.04	0.05
17.95	3.08	0.96	0.06	20.55	3.21	1.05	0.05
18.00	3.08	0.96	0.06	20.60	3.21	1.05	0.05
18.05	3.09	0.96	0.06	20.65	3.22	1.05	0.05
18.10	3.09	0.97	0.06	20.70	3.22	1.05	0.05
18.15	3.09	0.97	0.06	20.75	3.22	1.05	0.05

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.05	23.40	3.33	1.12	0.04
20.85	3.23	1.05	0.05	23.45	3.33	1.12	0.04
20.90	3.23	1.06	0.05	23.50	3.33	1.13	0.04
20.95	3.23	1.06	0.05	23.55	3.33	1.13	0.04
21.00	3.23	1.06	0.05	23.60	3.34	1.13	0.04
21.05	3.23	1.06	0.05	23.65	3.34	1.13	0.04
21.10	3.24	1.06	0.05	23.70	3.34	1.13	0.04
21.15	3.24	1.06	0.05	23.75	3.34	1.13	0.04
21.20	3.24	1.06	0.05	23.80	3.34	1.13	0.04
21.25	3.24	1.07	0.05	23.85	3.34	1.13	0.04
21.30	3.24	1.07	0.05	23.90	3.35	1.13	0.04
21.35	3.25	1.07	0.05	23.95	3.35	1.14	0.04
21.40	3.25	1.07	0.05	24.00	3.35	1.14	0.04
21.45	3.25	1.07	0.05	24.05	3.35	1.14	0.04
21.50	3.25	1.07	0.05	24.10	3.35	1.14	0.02
21.55	3.26	1.07	0.05	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.05	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.05	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.05	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.04	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.04	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.04	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.04	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.04	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.04	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.04	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.04	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.04	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.04	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.04	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.04	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.04	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.04	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.04	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.04	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.04	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.04	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.04	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.04	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.04	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.04	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.04	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.04	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.04	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.04	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.04	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.04	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.04	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.04	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.04	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.04	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.04	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Subcatchment UPDA-5: PDA-5 (undetained)

Runoff = 0.86 cfs @ 12.16 hrs, Volume= 0.062 af, Depth= 1.14"

Routed to Link PDA-5 : Proposed Drainage Area #5

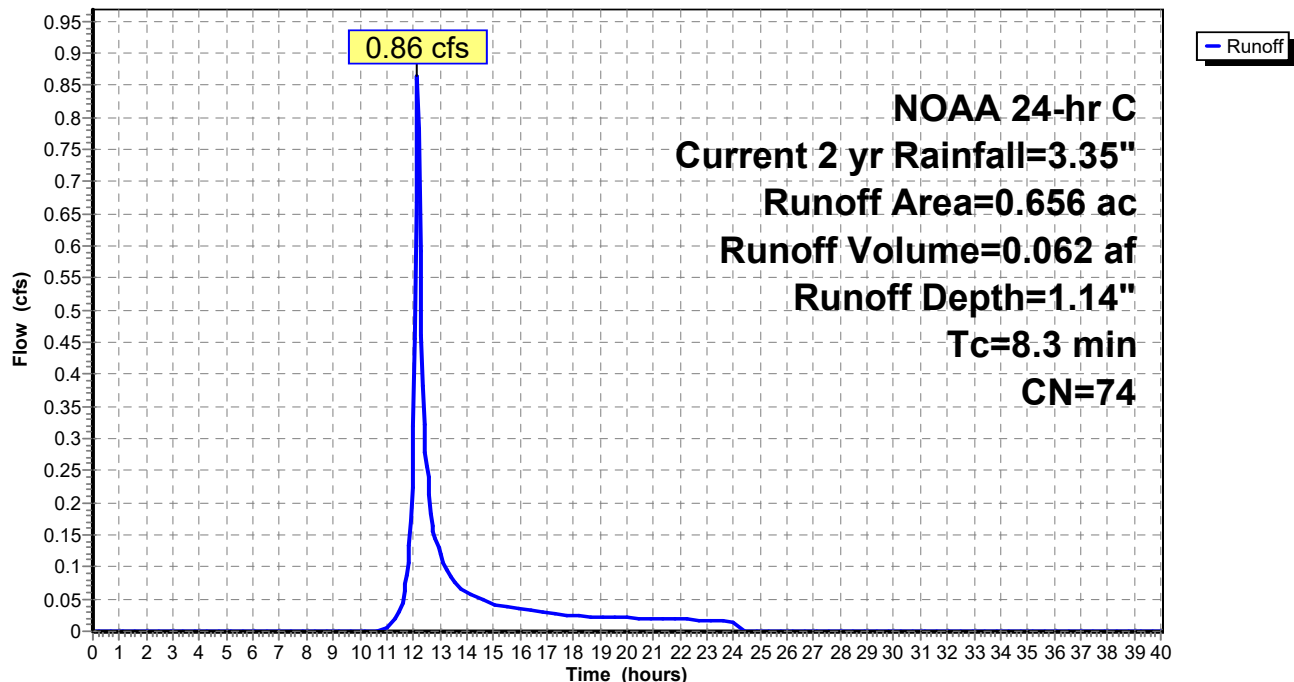
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 2 yr Rainfall=3.35"

Area (ac)	CN	Description
0.656	74	>75% Grass cover, Good, HSG C
0.656		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.3					Direct Entry,

Subcatchment UPDA-5: PDA-5 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.10	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.10	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.11	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.11	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.11	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.11	0.00	0.00
0.30	0.01	0.00	0.00	2.90	0.11	0.00	0.00
0.35	0.01	0.00	0.00	2.95	0.12	0.00	0.00
0.40	0.01	0.00	0.00	3.00	0.12	0.00	0.00
0.45	0.02	0.00	0.00	3.05	0.12	0.00	0.00
0.50	0.02	0.00	0.00	3.10	0.12	0.00	0.00
0.55	0.02	0.00	0.00	3.15	0.12	0.00	0.00
0.60	0.02	0.00	0.00	3.20	0.13	0.00	0.00
0.65	0.02	0.00	0.00	3.25	0.13	0.00	0.00
0.70	0.03	0.00	0.00	3.30	0.13	0.00	0.00
0.75	0.03	0.00	0.00	3.35	0.13	0.00	0.00
0.80	0.03	0.00	0.00	3.40	0.14	0.00	0.00
0.85	0.03	0.00	0.00	3.45	0.14	0.00	0.00
0.90	0.03	0.00	0.00	3.50	0.14	0.00	0.00
0.95	0.03	0.00	0.00	3.55	0.14	0.00	0.00
1.00	0.04	0.00	0.00	3.60	0.15	0.00	0.00
1.05	0.04	0.00	0.00	3.65	0.15	0.00	0.00
1.10	0.04	0.00	0.00	3.70	0.15	0.00	0.00
1.15	0.04	0.00	0.00	3.75	0.15	0.00	0.00
1.20	0.04	0.00	0.00	3.80	0.15	0.00	0.00
1.25	0.05	0.00	0.00	3.85	0.16	0.00	0.00
1.30	0.05	0.00	0.00	3.90	0.16	0.00	0.00
1.35	0.05	0.00	0.00	3.95	0.16	0.00	0.00
1.40	0.05	0.00	0.00	4.00	0.16	0.00	0.00
1.45	0.05	0.00	0.00	4.05	0.17	0.00	0.00
1.50	0.06	0.00	0.00	4.10	0.17	0.00	0.00
1.55	0.06	0.00	0.00	4.15	0.17	0.00	0.00
1.60	0.06	0.00	0.00	4.20	0.17	0.00	0.00
1.65	0.06	0.00	0.00	4.25	0.18	0.00	0.00
1.70	0.06	0.00	0.00	4.30	0.18	0.00	0.00
1.75	0.07	0.00	0.00	4.35	0.18	0.00	0.00
1.80	0.07	0.00	0.00	4.40	0.18	0.00	0.00
1.85	0.07	0.00	0.00	4.45	0.19	0.00	0.00
1.90	0.07	0.00	0.00	4.50	0.19	0.00	0.00
1.95	0.07	0.00	0.00	4.55	0.19	0.00	0.00
2.00	0.08	0.00	0.00	4.60	0.19	0.00	0.00
2.05	0.08	0.00	0.00	4.65	0.20	0.00	0.00
2.10	0.08	0.00	0.00	4.70	0.20	0.00	0.00
2.15	0.08	0.00	0.00	4.75	0.20	0.00	0.00
2.20	0.08	0.00	0.00	4.80	0.20	0.00	0.00
2.25	0.09	0.00	0.00	4.85	0.21	0.00	0.00
2.30	0.09	0.00	0.00	4.90	0.21	0.00	0.00
2.35	0.09	0.00	0.00	4.95	0.21	0.00	0.00
2.40	0.09	0.00	0.00	5.00	0.21	0.00	0.00
2.45	0.09	0.00	0.00	5.05	0.22	0.00	0.00
2.50	0.10	0.00	0.00	5.10	0.22	0.00	0.00
2.55	0.10	0.00	0.00	5.15	0.22	0.00	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.22	0.00	0.00	7.80	0.39	0.00	0.00
5.25	0.23	0.00	0.00	7.85	0.39	0.00	0.00
5.30	0.23	0.00	0.00	7.90	0.39	0.00	0.00
5.35	0.23	0.00	0.00	7.95	0.40	0.00	0.00
5.40	0.23	0.00	0.00	8.00	0.40	0.00	0.00
5.45	0.24	0.00	0.00	8.05	0.41	0.00	0.00
5.50	0.24	0.00	0.00	8.10	0.41	0.00	0.00
5.55	0.24	0.00	0.00	8.15	0.41	0.00	0.00
5.60	0.24	0.00	0.00	8.20	0.42	0.00	0.00
5.65	0.25	0.00	0.00	8.25	0.42	0.00	0.00
5.70	0.25	0.00	0.00	8.30	0.43	0.00	0.00
5.75	0.25	0.00	0.00	8.35	0.43	0.00	0.00
5.80	0.25	0.00	0.00	8.40	0.43	0.00	0.00
5.85	0.26	0.00	0.00	8.45	0.44	0.00	0.00
5.90	0.26	0.00	0.00	8.50	0.44	0.00	0.00
5.95	0.26	0.00	0.00	8.55	0.45	0.00	0.00
6.00	0.27	0.00	0.00	8.60	0.45	0.00	0.00
6.05	0.27	0.00	0.00	8.65	0.46	0.00	0.00
6.10	0.27	0.00	0.00	8.70	0.46	0.00	0.00
6.15	0.27	0.00	0.00	8.75	0.47	0.00	0.00
6.20	0.28	0.00	0.00	8.80	0.47	0.00	0.00
6.25	0.28	0.00	0.00	8.85	0.48	0.00	0.00
6.30	0.28	0.00	0.00	8.90	0.48	0.00	0.00
6.35	0.29	0.00	0.00	8.95	0.48	0.00	0.00
6.40	0.29	0.00	0.00	9.00	0.49	0.00	0.00
6.45	0.29	0.00	0.00	9.05	0.49	0.00	0.00
6.50	0.29	0.00	0.00	9.10	0.50	0.00	0.00
6.55	0.30	0.00	0.00	9.15	0.50	0.00	0.00
6.60	0.30	0.00	0.00	9.20	0.51	0.00	0.00
6.65	0.30	0.00	0.00	9.25	0.51	0.00	0.00
6.70	0.31	0.00	0.00	9.30	0.52	0.00	0.00
6.75	0.31	0.00	0.00	9.35	0.53	0.00	0.00
6.80	0.31	0.00	0.00	9.40	0.53	0.00	0.00
6.85	0.32	0.00	0.00	9.45	0.54	0.00	0.00
6.90	0.32	0.00	0.00	9.50	0.54	0.00	0.00
6.95	0.32	0.00	0.00	9.55	0.55	0.00	0.00
7.00	0.33	0.00	0.00	9.60	0.56	0.00	0.00
7.05	0.33	0.00	0.00	9.65	0.56	0.00	0.00
7.10	0.33	0.00	0.00	9.70	0.57	0.00	0.00
7.15	0.34	0.00	0.00	9.75	0.58	0.00	0.00
7.20	0.34	0.00	0.00	9.80	0.58	0.00	0.00
7.25	0.34	0.00	0.00	9.85	0.59	0.00	0.00
7.30	0.35	0.00	0.00	9.90	0.60	0.00	0.00
7.35	0.35	0.00	0.00	9.95	0.60	0.00	0.00
7.40	0.35	0.00	0.00	10.00	0.61	0.00	0.00
7.45	0.36	0.00	0.00	10.05	0.62	0.00	0.00
7.50	0.36	0.00	0.00	10.10	0.63	0.00	0.00
7.55	0.37	0.00	0.00	10.15	0.63	0.00	0.00
7.60	0.37	0.00	0.00	10.20	0.64	0.00	0.00
7.65	0.37	0.00	0.00	10.25	0.65	0.00	0.00
7.70	0.38	0.00	0.00	10.30	0.66	0.00	0.00
7.75	0.38	0.00	0.00	10.35	0.67	0.00	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	0.67	0.00	0.00	13.00	2.55	0.63	0.12
10.45	0.68	0.00	0.00	13.05	2.56	0.64	0.12
10.50	0.69	0.00	0.00	13.10	2.57	0.65	0.11
10.55	0.70	0.00	0.00	13.15	2.58	0.66	0.10
10.60	0.71	0.00	0.00	13.20	2.60	0.66	0.10
10.65	0.72	0.00	0.00	13.25	2.61	0.67	0.10
10.70	0.73	0.00	0.00	13.30	2.62	0.68	0.09
10.75	0.74	0.00	0.00	13.35	2.63	0.68	0.09
10.80	0.75	0.00	0.00	13.40	2.64	0.69	0.09
10.85	0.77	0.00	0.00	13.45	2.65	0.69	0.08
10.90	0.78	0.00	0.00	13.50	2.66	0.70	0.08
10.95	0.79	0.00	0.00	13.55	2.67	0.70	0.08
11.00	0.80	0.00	0.01	13.60	2.68	0.71	0.07
11.05	0.82	0.00	0.01	13.65	2.68	0.71	0.07
11.10	0.83	0.00	0.01	13.70	2.69	0.72	0.07
11.15	0.85	0.01	0.01	13.75	2.70	0.72	0.07
11.20	0.87	0.01	0.01	13.80	2.71	0.73	0.06
11.25	0.89	0.01	0.02	13.85	2.72	0.73	0.06
11.30	0.91	0.01	0.02	13.90	2.72	0.74	0.06
11.35	0.93	0.01	0.02	13.95	2.73	0.74	0.06
11.40	0.95	0.02	0.03	14.00	2.74	0.75	0.06
11.45	0.97	0.02	0.03	14.05	2.75	0.75	0.06
11.50	0.99	0.02	0.03	14.10	2.75	0.76	0.06
11.55	1.02	0.03	0.04	14.15	2.76	0.76	0.06
11.60	1.06	0.03	0.05	14.20	2.77	0.76	0.06
11.65	1.09	0.04	0.06	14.25	2.77	0.77	0.06
11.70	1.13	0.05	0.07	14.30	2.78	0.77	0.06
11.75	1.18	0.06	0.09	14.35	2.79	0.78	0.05
11.80	1.23	0.07	0.11	14.40	2.79	0.78	0.05
11.85	1.29	0.09	0.13	14.45	2.80	0.78	0.05
11.90	1.36	0.10	0.17	14.50	2.81	0.79	0.05
11.95	1.48	0.14	0.22	14.55	2.81	0.79	0.05
12.00	1.60	0.18	0.32	14.60	2.82	0.80	0.05
12.05	1.79	0.26	0.46	14.65	2.82	0.80	0.05
12.10	1.99	0.34	0.67	14.70	2.83	0.80	0.05
12.15	2.06	0.38	0.86	14.75	2.84	0.81	0.05
12.20	2.12	0.41	0.78	14.80	2.84	0.81	0.05
12.25	2.17	0.43	0.59	14.85	2.85	0.81	0.04
12.30	2.22	0.46	0.46	14.90	2.85	0.82	0.04
12.35	2.26	0.48	0.38	14.95	2.86	0.82	0.04
12.40	2.29	0.50	0.32	15.00	2.86	0.82	0.04
12.45	2.33	0.51	0.28	15.05	2.87	0.82	0.04
12.50	2.36	0.53	0.26	15.10	2.87	0.83	0.04
12.55	2.38	0.54	0.24	15.15	2.87	0.83	0.04
12.60	2.40	0.55	0.21	15.20	2.88	0.83	0.04
12.65	2.42	0.57	0.18	15.25	2.88	0.84	0.04
12.70	2.44	0.58	0.16	15.30	2.89	0.84	0.04
12.75	2.46	0.59	0.15	15.35	2.89	0.84	0.04
12.80	2.48	0.60	0.15	15.40	2.90	0.84	0.04
12.85	2.50	0.61	0.14	15.45	2.90	0.85	0.04
12.90	2.52	0.62	0.13	15.50	2.91	0.85	0.04
12.95	2.53	0.63	0.13	15.55	2.91	0.85	0.04

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	2.92	0.85	0.04	18.20	3.10	0.97	0.02
15.65	2.92	0.86	0.04	18.25	3.10	0.97	0.02
15.70	2.92	0.86	0.04	18.30	3.10	0.97	0.02
15.75	2.93	0.86	0.04	18.35	3.10	0.97	0.02
15.80	2.93	0.87	0.04	18.40	3.11	0.98	0.02
15.85	2.94	0.87	0.04	18.45	3.11	0.98	0.02
15.90	2.94	0.87	0.03	18.50	3.11	0.98	0.02
15.95	2.94	0.87	0.03	18.55	3.11	0.98	0.02
16.00	2.95	0.88	0.03	18.60	3.12	0.98	0.02
16.05	2.95	0.88	0.03	18.65	3.12	0.98	0.02
16.10	2.96	0.88	0.03	18.70	3.12	0.99	0.02
16.15	2.96	0.88	0.03	18.75	3.12	0.99	0.02
16.20	2.96	0.89	0.03	18.80	3.13	0.99	0.02
16.25	2.97	0.89	0.03	18.85	3.13	0.99	0.02
16.30	2.97	0.89	0.03	18.90	3.13	0.99	0.02
16.35	2.98	0.89	0.03	18.95	3.13	0.99	0.02
16.40	2.98	0.90	0.03	19.00	3.14	1.00	0.02
16.45	2.98	0.90	0.03	19.05	3.14	1.00	0.02
16.50	2.99	0.90	0.03	19.10	3.14	1.00	0.02
16.55	2.99	0.90	0.03	19.15	3.14	1.00	0.02
16.60	3.00	0.91	0.03	19.20	3.15	1.00	0.02
16.65	3.00	0.91	0.03	19.25	3.15	1.00	0.02
16.70	3.00	0.91	0.03	19.30	3.15	1.01	0.02
16.75	3.01	0.91	0.03	19.35	3.15	1.01	0.02
16.80	3.01	0.91	0.03	19.40	3.16	1.01	0.02
16.85	3.01	0.92	0.03	19.45	3.16	1.01	0.02
16.90	3.02	0.92	0.03	19.50	3.16	1.01	0.02
16.95	3.02	0.92	0.03	19.55	3.16	1.01	0.02
17.00	3.02	0.92	0.03	19.60	3.17	1.02	0.02
17.05	3.03	0.93	0.03	19.65	3.17	1.02	0.02
17.10	3.03	0.93	0.03	19.70	3.17	1.02	0.02
17.15	3.03	0.93	0.03	19.75	3.17	1.02	0.02
17.20	3.04	0.93	0.03	19.80	3.18	1.02	0.02
17.25	3.04	0.93	0.03	19.85	3.18	1.02	0.02
17.30	3.04	0.94	0.03	19.90	3.18	1.03	0.02
17.35	3.05	0.94	0.03	19.95	3.18	1.03	0.02
17.40	3.05	0.94	0.03	20.00	3.19	1.03	0.02
17.45	3.05	0.94	0.03	20.05	3.19	1.03	0.02
17.50	3.06	0.94	0.03	20.10	3.19	1.03	0.02
17.55	3.06	0.95	0.03	20.15	3.19	1.03	0.02
17.60	3.06	0.95	0.03	20.20	3.20	1.03	0.02
17.65	3.06	0.95	0.03	20.25	3.20	1.04	0.02
17.70	3.07	0.95	0.03	20.30	3.20	1.04	0.02
17.75	3.07	0.95	0.03	20.35	3.20	1.04	0.02
17.80	3.07	0.96	0.03	20.40	3.20	1.04	0.02
17.85	3.08	0.96	0.02	20.45	3.21	1.04	0.02
17.90	3.08	0.96	0.02	20.50	3.21	1.04	0.02
17.95	3.08	0.96	0.02	20.55	3.21	1.05	0.02
18.00	3.08	0.96	0.02	20.60	3.21	1.05	0.02
18.05	3.09	0.96	0.02	20.65	3.22	1.05	0.02
18.10	3.09	0.97	0.02	20.70	3.22	1.05	0.02
18.15	3.09	0.97	0.02	20.75	3.22	1.05	0.02

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	3.22	1.05	0.02	23.40	3.33	1.12	0.02
20.85	3.23	1.05	0.02	23.45	3.33	1.12	0.02
20.90	3.23	1.06	0.02	23.50	3.33	1.13	0.02
20.95	3.23	1.06	0.02	23.55	3.33	1.13	0.02
21.00	3.23	1.06	0.02	23.60	3.34	1.13	0.02
21.05	3.23	1.06	0.02	23.65	3.34	1.13	0.02
21.10	3.24	1.06	0.02	23.70	3.34	1.13	0.02
21.15	3.24	1.06	0.02	23.75	3.34	1.13	0.02
21.20	3.24	1.06	0.02	23.80	3.34	1.13	0.02
21.25	3.24	1.07	0.02	23.85	3.34	1.13	0.02
21.30	3.24	1.07	0.02	23.90	3.35	1.13	0.02
21.35	3.25	1.07	0.02	23.95	3.35	1.14	0.02
21.40	3.25	1.07	0.02	24.00	3.35	1.14	0.02
21.45	3.25	1.07	0.02	24.05	3.35	1.14	0.02
21.50	3.25	1.07	0.02	24.10	3.35	1.14	0.01
21.55	3.26	1.07	0.02	24.15	3.35	1.14	0.01
21.60	3.26	1.08	0.02	24.20	3.35	1.14	0.00
21.65	3.26	1.08	0.02	24.25	3.35	1.14	0.00
21.70	3.26	1.08	0.02	24.30	3.35	1.14	0.00
21.75	3.26	1.08	0.02	24.35	3.35	1.14	0.00
21.80	3.27	1.08	0.02	24.40	3.35	1.14	0.00
21.85	3.27	1.08	0.02	24.45	3.35	1.14	0.00
21.90	3.27	1.08	0.02	24.50	3.35	1.14	0.00
21.95	3.27	1.09	0.02	24.55	3.35	1.14	0.00
22.00	3.27	1.09	0.02	24.60	3.35	1.14	0.00
22.05	3.28	1.09	0.02	24.65	3.35	1.14	0.00
22.10	3.28	1.09	0.02	24.70	3.35	1.14	0.00
22.15	3.28	1.09	0.02	24.75	3.35	1.14	0.00
22.20	3.28	1.09	0.02	24.80	3.35	1.14	0.00
22.25	3.28	1.09	0.02	24.85	3.35	1.14	0.00
22.30	3.29	1.09	0.02	24.90	3.35	1.14	0.00
22.35	3.29	1.10	0.02	24.95	3.35	1.14	0.00
22.40	3.29	1.10	0.02	25.00	3.35	1.14	0.00
22.45	3.29	1.10	0.02	25.05	3.35	1.14	0.00
22.50	3.29	1.10	0.02	25.10	3.35	1.14	0.00
22.55	3.30	1.10	0.02	25.15	3.35	1.14	0.00
22.60	3.30	1.10	0.02	25.20	3.35	1.14	0.00
22.65	3.30	1.10	0.02	25.25	3.35	1.14	0.00
22.70	3.30	1.11	0.02	25.30	3.35	1.14	0.00
22.75	3.30	1.11	0.02	25.35	3.35	1.14	0.00
22.80	3.31	1.11	0.02	25.40	3.35	1.14	0.00
22.85	3.31	1.11	0.02	25.45	3.35	1.14	0.00
22.90	3.31	1.11	0.02	25.50	3.35	1.14	0.00
22.95	3.31	1.11	0.02	25.55	3.35	1.14	0.00
23.00	3.31	1.11	0.02	25.60	3.35	1.14	0.00
23.05	3.32	1.11	0.02	25.65	3.35	1.14	0.00
23.10	3.32	1.12	0.02	25.70	3.35	1.14	0.00
23.15	3.32	1.12	0.02	25.75	3.35	1.14	0.00
23.20	3.32	1.12	0.02	25.80	3.35	1.14	0.00
23.25	3.32	1.12	0.02	25.85	3.35	1.14	0.00
23.30	3.32	1.12	0.02	25.90	3.35	1.14	0.00
23.35	3.33	1.12	0.02	25.95	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	3.35	1.14	0.00	28.60	3.35	1.14	0.00
26.05	3.35	1.14	0.00	28.65	3.35	1.14	0.00
26.10	3.35	1.14	0.00	28.70	3.35	1.14	0.00
26.15	3.35	1.14	0.00	28.75	3.35	1.14	0.00
26.20	3.35	1.14	0.00	28.80	3.35	1.14	0.00
26.25	3.35	1.14	0.00	28.85	3.35	1.14	0.00
26.30	3.35	1.14	0.00	28.90	3.35	1.14	0.00
26.35	3.35	1.14	0.00	28.95	3.35	1.14	0.00
26.40	3.35	1.14	0.00	29.00	3.35	1.14	0.00
26.45	3.35	1.14	0.00	29.05	3.35	1.14	0.00
26.50	3.35	1.14	0.00	29.10	3.35	1.14	0.00
26.55	3.35	1.14	0.00	29.15	3.35	1.14	0.00
26.60	3.35	1.14	0.00	29.20	3.35	1.14	0.00
26.65	3.35	1.14	0.00	29.25	3.35	1.14	0.00
26.70	3.35	1.14	0.00	29.30	3.35	1.14	0.00
26.75	3.35	1.14	0.00	29.35	3.35	1.14	0.00
26.80	3.35	1.14	0.00	29.40	3.35	1.14	0.00
26.85	3.35	1.14	0.00	29.45	3.35	1.14	0.00
26.90	3.35	1.14	0.00	29.50	3.35	1.14	0.00
26.95	3.35	1.14	0.00	29.55	3.35	1.14	0.00
27.00	3.35	1.14	0.00	29.60	3.35	1.14	0.00
27.05	3.35	1.14	0.00	29.65	3.35	1.14	0.00
27.10	3.35	1.14	0.00	29.70	3.35	1.14	0.00
27.15	3.35	1.14	0.00	29.75	3.35	1.14	0.00
27.20	3.35	1.14	0.00	29.80	3.35	1.14	0.00
27.25	3.35	1.14	0.00	29.85	3.35	1.14	0.00
27.30	3.35	1.14	0.00	29.90	3.35	1.14	0.00
27.35	3.35	1.14	0.00	29.95	3.35	1.14	0.00
27.40	3.35	1.14	0.00	30.00	3.35	1.14	0.00
27.45	3.35	1.14	0.00	30.05	3.35	1.14	0.00
27.50	3.35	1.14	0.00	30.10	3.35	1.14	0.00
27.55	3.35	1.14	0.00	30.15	3.35	1.14	0.00
27.60	3.35	1.14	0.00	30.20	3.35	1.14	0.00
27.65	3.35	1.14	0.00	30.25	3.35	1.14	0.00
27.70	3.35	1.14	0.00	30.30	3.35	1.14	0.00
27.75	3.35	1.14	0.00	30.35	3.35	1.14	0.00
27.80	3.35	1.14	0.00	30.40	3.35	1.14	0.00
27.85	3.35	1.14	0.00	30.45	3.35	1.14	0.00
27.90	3.35	1.14	0.00	30.50	3.35	1.14	0.00
27.95	3.35	1.14	0.00	30.55	3.35	1.14	0.00
28.00	3.35	1.14	0.00	30.60	3.35	1.14	0.00
28.05	3.35	1.14	0.00	30.65	3.35	1.14	0.00
28.10	3.35	1.14	0.00	30.70	3.35	1.14	0.00
28.15	3.35	1.14	0.00	30.75	3.35	1.14	0.00
28.20	3.35	1.14	0.00	30.80	3.35	1.14	0.00
28.25	3.35	1.14	0.00	30.85	3.35	1.14	0.00
28.30	3.35	1.14	0.00	30.90	3.35	1.14	0.00
28.35	3.35	1.14	0.00	30.95	3.35	1.14	0.00
28.40	3.35	1.14	0.00	31.00	3.35	1.14	0.00
28.45	3.35	1.14	0.00	31.05	3.35	1.14	0.00
28.50	3.35	1.14	0.00	31.10	3.35	1.14	0.00
28.55	3.35	1.14	0.00	31.15	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	3.35	1.14	0.00	33.80	3.35	1.14	0.00
31.25	3.35	1.14	0.00	33.85	3.35	1.14	0.00
31.30	3.35	1.14	0.00	33.90	3.35	1.14	0.00
31.35	3.35	1.14	0.00	33.95	3.35	1.14	0.00
31.40	3.35	1.14	0.00	34.00	3.35	1.14	0.00
31.45	3.35	1.14	0.00	34.05	3.35	1.14	0.00
31.50	3.35	1.14	0.00	34.10	3.35	1.14	0.00
31.55	3.35	1.14	0.00	34.15	3.35	1.14	0.00
31.60	3.35	1.14	0.00	34.20	3.35	1.14	0.00
31.65	3.35	1.14	0.00	34.25	3.35	1.14	0.00
31.70	3.35	1.14	0.00	34.30	3.35	1.14	0.00
31.75	3.35	1.14	0.00	34.35	3.35	1.14	0.00
31.80	3.35	1.14	0.00	34.40	3.35	1.14	0.00
31.85	3.35	1.14	0.00	34.45	3.35	1.14	0.00
31.90	3.35	1.14	0.00	34.50	3.35	1.14	0.00
31.95	3.35	1.14	0.00	34.55	3.35	1.14	0.00
32.00	3.35	1.14	0.00	34.60	3.35	1.14	0.00
32.05	3.35	1.14	0.00	34.65	3.35	1.14	0.00
32.10	3.35	1.14	0.00	34.70	3.35	1.14	0.00
32.15	3.35	1.14	0.00	34.75	3.35	1.14	0.00
32.20	3.35	1.14	0.00	34.80	3.35	1.14	0.00
32.25	3.35	1.14	0.00	34.85	3.35	1.14	0.00
32.30	3.35	1.14	0.00	34.90	3.35	1.14	0.00
32.35	3.35	1.14	0.00	34.95	3.35	1.14	0.00
32.40	3.35	1.14	0.00	35.00	3.35	1.14	0.00
32.45	3.35	1.14	0.00	35.05	3.35	1.14	0.00
32.50	3.35	1.14	0.00	35.10	3.35	1.14	0.00
32.55	3.35	1.14	0.00	35.15	3.35	1.14	0.00
32.60	3.35	1.14	0.00	35.20	3.35	1.14	0.00
32.65	3.35	1.14	0.00	35.25	3.35	1.14	0.00
32.70	3.35	1.14	0.00	35.30	3.35	1.14	0.00
32.75	3.35	1.14	0.00	35.35	3.35	1.14	0.00
32.80	3.35	1.14	0.00	35.40	3.35	1.14	0.00
32.85	3.35	1.14	0.00	35.45	3.35	1.14	0.00
32.90	3.35	1.14	0.00	35.50	3.35	1.14	0.00
32.95	3.35	1.14	0.00	35.55	3.35	1.14	0.00
33.00	3.35	1.14	0.00	35.60	3.35	1.14	0.00
33.05	3.35	1.14	0.00	35.65	3.35	1.14	0.00
33.10	3.35	1.14	0.00	35.70	3.35	1.14	0.00
33.15	3.35	1.14	0.00	35.75	3.35	1.14	0.00
33.20	3.35	1.14	0.00	35.80	3.35	1.14	0.00
33.25	3.35	1.14	0.00	35.85	3.35	1.14	0.00
33.30	3.35	1.14	0.00	35.90	3.35	1.14	0.00
33.35	3.35	1.14	0.00	35.95	3.35	1.14	0.00
33.40	3.35	1.14	0.00	36.00	3.35	1.14	0.00
33.45	3.35	1.14	0.00	36.05	3.35	1.14	0.00
33.50	3.35	1.14	0.00	36.10	3.35	1.14	0.00
33.55	3.35	1.14	0.00	36.15	3.35	1.14	0.00
33.60	3.35	1.14	0.00	36.20	3.35	1.14	0.00
33.65	3.35	1.14	0.00	36.25	3.35	1.14	0.00
33.70	3.35	1.14	0.00	36.30	3.35	1.14	0.00
33.75	3.35	1.14	0.00	36.35	3.35	1.14	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	3.35	1.14	0.00	39.00	3.35	1.14	0.00
36.45	3.35	1.14	0.00	39.05	3.35	1.14	0.00
36.50	3.35	1.14	0.00	39.10	3.35	1.14	0.00
36.55	3.35	1.14	0.00	39.15	3.35	1.14	0.00
36.60	3.35	1.14	0.00	39.20	3.35	1.14	0.00
36.65	3.35	1.14	0.00	39.25	3.35	1.14	0.00
36.70	3.35	1.14	0.00	39.30	3.35	1.14	0.00
36.75	3.35	1.14	0.00	39.35	3.35	1.14	0.00
36.80	3.35	1.14	0.00	39.40	3.35	1.14	0.00
36.85	3.35	1.14	0.00	39.45	3.35	1.14	0.00
36.90	3.35	1.14	0.00	39.50	3.35	1.14	0.00
36.95	3.35	1.14	0.00	39.55	3.35	1.14	0.00
37.00	3.35	1.14	0.00	39.60	3.35	1.14	0.00
37.05	3.35	1.14	0.00	39.65	3.35	1.14	0.00
37.10	3.35	1.14	0.00	39.70	3.35	1.14	0.00
37.15	3.35	1.14	0.00	39.75	3.35	1.14	0.00
37.20	3.35	1.14	0.00	39.80	3.35	1.14	0.00
37.25	3.35	1.14	0.00	39.85	3.35	1.14	0.00
37.30	3.35	1.14	0.00	39.90	3.35	1.14	0.00
37.35	3.35	1.14	0.00	39.95	3.35	1.14	0.00
37.40	3.35	1.14	0.00	40.00	3.35	1.14	0.00
37.45	3.35	1.14	0.00				
37.50	3.35	1.14	0.00				
37.55	3.35	1.14	0.00				
37.60	3.35	1.14	0.00				
37.65	3.35	1.14	0.00				
37.70	3.35	1.14	0.00				
37.75	3.35	1.14	0.00				
37.80	3.35	1.14	0.00				
37.85	3.35	1.14	0.00				
37.90	3.35	1.14	0.00				
37.95	3.35	1.14	0.00				
38.00	3.35	1.14	0.00				
38.05	3.35	1.14	0.00				
38.10	3.35	1.14	0.00				
38.15	3.35	1.14	0.00				
38.20	3.35	1.14	0.00				
38.25	3.35	1.14	0.00				
38.30	3.35	1.14	0.00				
38.35	3.35	1.14	0.00				
38.40	3.35	1.14	0.00				
38.45	3.35	1.14	0.00				
38.50	3.35	1.14	0.00				
38.55	3.35	1.14	0.00				
38.60	3.35	1.14	0.00				
38.65	3.35	1.14	0.00				
38.70	3.35	1.14	0.00				
38.75	3.35	1.14	0.00				
38.80	3.35	1.14	0.00				
38.85	3.35	1.14	0.00				
38.90	3.35	1.14	0.00				
38.95	3.35	1.14	0.00				

Summary for Pond B-48: Basin #48

Inflow Area = 2.265 ac, 34.26% Impervious, Inflow Depth = 1.82" for Current 2 yr event
 Inflow = 4.17 cfs @ 12.10 hrs, Volume= 0.343 af
 Outflow = 0.13 cfs @ 16.63 hrs, Volume= 0.224 af, Atten= 97%, Lag= 271.8 min
 Primary = 0.13 cfs @ 16.63 hrs, Volume= 0.224 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.12' @ 16.63 hrs Surf.Area= 10,251 sf Storage= 10,677 cf

Plug-Flow detention time= 746.0 min calculated for 0.224 af (65% of inflow)
 Center-of-Mass det. time= 634.1 min (1,434.6 - 800.5)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	32,287 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

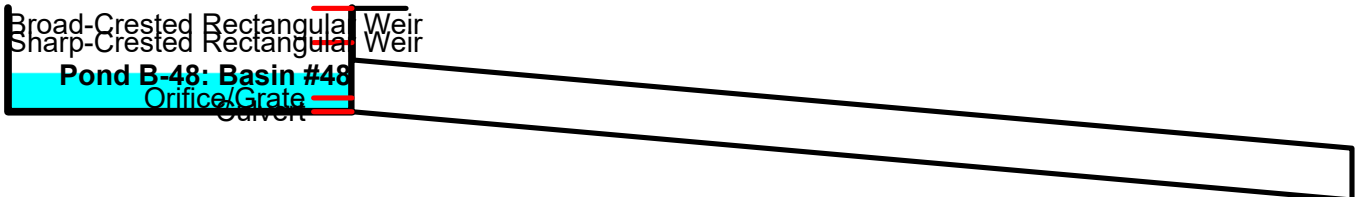
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	8,869	0	0
192.00	10,100	9,485	9,485
193.00	11,387	10,744	20,228
194.00	12,731	12,059	32,287

Device	Routing	Invert	Outlet Devices
#1	Primary	191.00'	18.0" Round Culvert L= 185.0' Ke= 0.500 Inlet / Outlet Invert= 191.00' / 188.45' S= 0.0138 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.40'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	193.99'	50.0' long + 3.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.13 cfs @ 16.63 hrs HW=192.12' (Free Discharge)

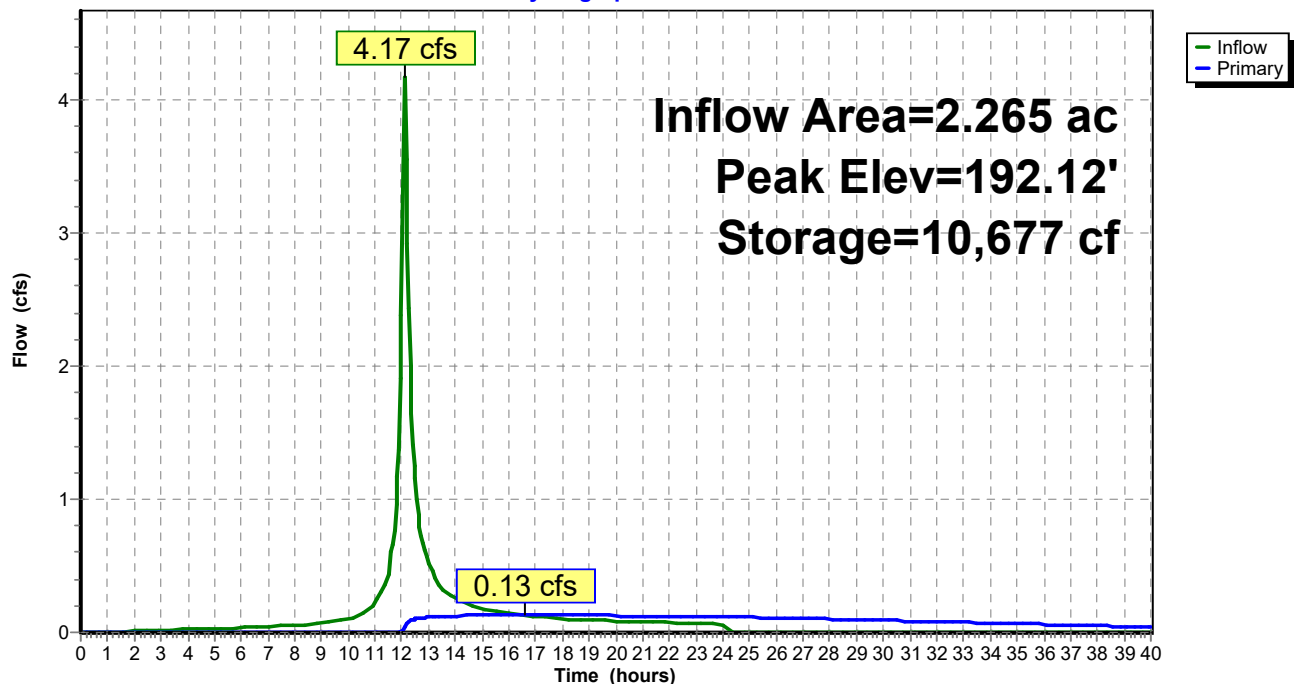
1=Culvert (Passes 0.13 cfs of 5.08 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.77 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-48: Basin #48
 Orifice/Grate
 Culvert



Pond B-48: Basin #48

Hydrograph



Hydrograph for Pond B-48: Basin #48

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	0	191.00	0.00
1.00	0.00	0	191.00	0.00
1.10	0.00	0	191.00	0.00
1.20	0.00	0	191.00	0.00
1.30	0.00	0	191.00	0.00
1.40	0.00	1	191.00	0.00
1.50	0.00	2	191.00	0.00
1.60	0.00	4	191.00	0.00
1.70	0.01	6	191.00	0.00
1.80	0.01	8	191.00	0.00
1.90	0.01	10	191.00	0.00
2.00	0.01	13	191.00	0.00
2.10	0.01	16	191.00	0.00
2.20	0.01	19	191.00	0.00
2.30	0.01	23	191.00	0.00
2.40	0.01	27	191.00	0.00
2.50	0.01	32	191.00	0.00
2.60	0.01	36	191.00	0.00
2.70	0.01	41	191.00	0.00
2.80	0.01	46	191.01	0.00
2.90	0.02	52	191.01	0.00
3.00	0.02	57	191.01	0.00
3.10	0.02	63	191.01	0.00
3.20	0.02	69	191.01	0.00
3.30	0.02	76	191.01	0.00
3.40	0.02	82	191.01	0.00
3.50	0.02	89	191.01	0.00
3.60	0.02	96	191.01	0.00
3.70	0.02	103	191.01	0.00
3.80	0.02	111	191.01	0.00
3.90	0.02	119	191.01	0.00
4.00	0.02	127	191.01	0.00
4.10	0.02	135	191.02	0.00
4.20	0.02	143	191.02	0.00
4.30	0.02	152	191.02	0.00
4.40	0.02	161	191.02	0.00
4.50	0.03	170	191.02	0.00
4.60	0.03	179	191.02	0.00
4.70	0.03	188	191.02	0.00
4.80	0.03	198	191.02	0.00
4.90	0.03	207	191.02	0.00
5.00	0.03	217	191.02	0.00
5.10	0.03	227	191.03	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	238	191.03	0.00
5.30	0.03	248	191.03	0.00
5.40	0.03	259	191.03	0.00
5.50	0.03	270	191.03	0.00
5.60	0.03	280	191.03	0.00
5.70	0.03	292	191.03	0.00
5.80	0.03	303	191.03	0.00
5.90	0.03	314	191.04	0.00
6.00	0.03	326	191.04	0.00
6.10	0.03	338	191.04	0.00
6.20	0.03	350	191.04	0.00
6.30	0.04	363	191.04	0.00
6.40	0.04	376	191.04	0.00
6.50	0.04	389	191.04	0.00
6.60	0.04	403	191.05	0.00
6.70	0.04	417	191.05	0.00
6.80	0.04	432	191.05	0.00
6.90	0.04	447	191.05	0.00
7.00	0.04	463	191.05	0.00
7.10	0.04	478	191.05	0.00
7.20	0.05	495	191.06	0.00
7.30	0.05	511	191.06	0.00
7.40	0.05	528	191.06	0.00
7.50	0.05	546	191.06	0.00
7.60	0.05	564	191.06	0.00
7.70	0.05	582	191.07	0.00
7.80	0.05	600	191.07	0.00
7.90	0.05	620	191.07	0.00
8.00	0.05	639	191.07	0.00
8.10	0.06	659	191.07	0.00
8.20	0.06	679	191.08	0.00
8.30	0.06	700	191.08	0.00
8.40	0.06	721	191.08	0.00
8.50	0.06	743	191.08	0.00
8.60	0.06	765	191.09	0.00
8.70	0.06	787	191.09	0.00
8.80	0.06	810	191.09	0.00
8.90	0.06	833	191.09	0.00
9.00	0.07	857	191.10	0.00
9.10	0.07	881	191.10	0.00
9.20	0.07	907	191.10	0.00
9.30	0.08	934	191.10	0.00
9.40	0.08	963	191.11	0.00
9.50	0.09	993	191.11	0.00
9.60	0.09	1,024	191.11	0.00
9.70	0.09	1,057	191.12	0.00
9.80	0.10	1,092	191.12	0.00
9.90	0.10	1,127	191.13	0.00
10.00	0.10	1,164	191.13	0.00
10.10	0.11	1,203	191.13	0.00
10.20	0.11	1,243	191.14	0.00
10.30	0.12	1,284	191.14	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.12	1,327	191.15	0.00
10.50	0.12	1,371	191.15	0.00
10.60	0.14	1,419	191.16	0.00
10.70	0.15	1,472	191.16	0.00
10.80	0.17	1,530	191.17	0.00
10.90	0.19	1,596	191.18	0.00
11.00	0.21	1,668	191.19	0.00
11.10	0.24	1,750	191.19	0.00
11.20	0.28	1,845	191.21	0.00
11.30	0.32	1,953	191.22	0.00
11.40	0.36	2,076	191.23	0.00
11.50	0.40	2,214	191.25	0.00
11.60	0.60	2,397	191.27	0.00
11.70	0.70	2,632	191.29	0.00
11.80	0.95	2,931	191.32	0.00
11.90	1.37	3,352	191.37	0.00
12.00	2.38	4,033	191.44	0.00
12.10	4.17	5,218	191.57	0.04
12.20	2.92	6,474	191.70	0.07
12.30	2.00	7,325	191.78	0.09
12.40	1.40	7,895	191.84	0.10
12.50	1.16	8,316	191.88	0.10
12.60	0.88	8,642	191.92	0.11
12.70	0.72	8,889	191.94	0.11
12.80	0.64	9,094	191.96	0.11
12.90	0.58	9,273	191.98	0.11
13.00	0.52	9,430	191.99	0.11
13.10	0.47	9,567	192.01	0.12
13.20	0.43	9,685	192.02	0.12
13.30	0.39	9,790	192.03	0.12
13.40	0.36	9,883	192.04	0.12
13.50	0.33	9,964	192.05	0.12
13.60	0.30	10,033	192.05	0.12
13.70	0.28	10,094	192.06	0.12
13.80	0.27	10,150	192.07	0.12
13.90	0.26	10,201	192.07	0.12
14.00	0.25	10,250	192.08	0.12
14.10	0.25	10,295	192.08	0.12
14.20	0.24	10,338	192.08	0.12
14.30	0.23	10,377	192.09	0.13
14.40	0.22	10,414	192.09	0.13
14.50	0.21	10,447	192.09	0.13
14.60	0.21	10,477	192.10	0.13
14.70	0.20	10,505	192.10	0.13
14.80	0.19	10,529	192.10	0.13
14.90	0.18	10,550	192.10	0.13
15.00	0.17	10,568	192.11	0.13
15.10	0.17	10,583	192.11	0.13
15.20	0.16	10,596	192.11	0.13
15.30	0.16	10,607	192.11	0.13
15.40	0.16	10,617	192.11	0.13
15.50	0.15	10,626	192.11	0.13

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	10,635	192.11	0.13
15.70	0.15	10,643	192.11	0.13
15.80	0.15	10,650	192.11	0.13
15.90	0.14	10,656	192.12	0.13
16.00	0.14	10,661	192.12	0.13
16.10	0.14	10,666	192.12	0.13
16.20	0.14	10,670	192.12	0.13
16.30	0.14	10,673	192.12	0.13
16.40	0.13	10,675	192.12	0.13
16.50	0.13	10,676	192.12	0.13
16.60	0.13	10,677	192.12	0.13
16.70	0.13	10,677	192.12	0.13
16.80	0.12	10,676	192.12	0.13
16.90	0.12	10,674	192.12	0.13
17.00	0.12	10,672	192.12	0.13
17.10	0.12	10,668	192.12	0.13
17.20	0.12	10,664	192.12	0.13
17.30	0.11	10,659	192.12	0.13
17.40	0.11	10,654	192.11	0.13
17.50	0.11	10,647	192.11	0.13
17.60	0.11	10,640	192.11	0.13
17.70	0.10	10,632	192.11	0.13
17.80	0.10	10,623	192.11	0.13
17.90	0.10	10,614	192.11	0.13
18.00	0.10	10,603	192.11	0.13
18.10	0.10	10,592	192.11	0.13
18.20	0.09	10,581	192.11	0.13
18.30	0.09	10,569	192.11	0.13
18.40	0.09	10,556	192.11	0.13
18.50	0.09	10,544	192.10	0.13
18.60	0.09	10,531	192.10	0.13
18.70	0.09	10,519	192.10	0.13
18.80	0.09	10,506	192.10	0.13
18.90	0.09	10,493	192.10	0.13
19.00	0.09	10,480	192.10	0.13
19.10	0.09	10,466	192.10	0.13
19.20	0.09	10,453	192.10	0.13
19.30	0.09	10,439	192.09	0.13
19.40	0.09	10,426	192.09	0.13
19.50	0.09	10,412	192.09	0.13
19.60	0.09	10,398	192.09	0.13
19.70	0.09	10,384	192.09	0.13
19.80	0.09	10,369	192.09	0.13
19.90	0.09	10,355	192.09	0.13
20.00	0.08	10,340	192.08	0.13
20.10	0.08	10,326	192.08	0.12
20.20	0.08	10,311	192.08	0.12
20.30	0.08	10,296	192.08	0.12
20.40	0.08	10,281	192.08	0.12
20.50	0.08	10,265	192.08	0.12
20.60	0.08	10,250	192.08	0.12
20.70	0.08	10,235	192.07	0.12

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	10,219	192.07	0.12
20.90	0.08	10,203	192.07	0.12
21.00	0.08	10,187	192.07	0.12
21.10	0.08	10,171	192.07	0.12
21.20	0.08	10,155	192.07	0.12
21.30	0.08	10,138	192.06	0.12
21.40	0.08	10,122	192.06	0.12
21.50	0.08	10,105	192.06	0.12
21.60	0.08	10,088	192.06	0.12
21.70	0.07	10,071	192.06	0.12
21.80	0.07	10,054	192.06	0.12
21.90	0.07	10,037	192.05	0.12
22.00	0.07	10,020	192.05	0.12
22.10	0.07	10,002	192.05	0.12
22.20	0.07	9,985	192.05	0.12
22.30	0.07	9,967	192.05	0.12
22.40	0.07	9,949	192.05	0.12
22.50	0.07	9,931	192.04	0.12
22.60	0.07	9,913	192.04	0.12
22.70	0.07	9,895	192.04	0.12
22.80	0.07	9,876	192.04	0.12
22.90	0.07	9,858	192.04	0.12
23.00	0.07	9,839	192.04	0.12
23.10	0.07	9,820	192.03	0.12
23.20	0.07	9,801	192.03	0.12
23.30	0.07	9,782	192.03	0.12
23.40	0.07	9,763	192.03	0.12
23.50	0.06	9,744	192.03	0.12
23.60	0.06	9,724	192.02	0.12
23.70	0.06	9,705	192.02	0.12
23.80	0.06	9,685	192.02	0.12
23.90	0.06	9,665	192.02	0.12
24.00	0.07	9,647	192.02	0.12
24.10	0.03	9,623	192.01	0.12
24.20	0.01	9,589	192.01	0.12
24.30	0.00	9,549	192.01	0.12
24.40	0.00	9,508	192.00	0.12
24.50	0.00	9,466	192.00	0.12
24.60	0.00	9,425	191.99	0.11
24.70	0.00	9,384	191.99	0.11
24.80	0.00	9,342	191.99	0.11
24.90	0.00	9,302	191.98	0.11
25.00	0.00	9,261	191.98	0.11
25.10	0.00	9,220	191.97	0.11
25.20	0.00	9,180	191.97	0.11
25.30	0.00	9,140	191.97	0.11
25.40	0.00	9,100	191.96	0.11
25.50	0.00	9,060	191.96	0.11
25.60	0.00	9,020	191.95	0.11
25.70	0.00	8,980	191.95	0.11
25.80	0.00	8,941	191.95	0.11
25.90	0.00	8,902	191.94	0.11

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,863	191.94	0.11
26.10	0.00	8,824	191.93	0.11
26.20	0.00	8,785	191.93	0.11
26.30	0.00	8,747	191.93	0.11
26.40	0.00	8,709	191.92	0.11
26.50	0.00	8,670	191.92	0.11
26.60	0.00	8,632	191.92	0.11
26.70	0.00	8,595	191.91	0.10
26.80	0.00	8,557	191.91	0.10
26.90	0.00	8,520	191.90	0.10
27.00	0.00	8,482	191.90	0.10
27.10	0.00	8,445	191.90	0.10
27.20	0.00	8,408	191.89	0.10
27.30	0.00	8,372	191.89	0.10
27.40	0.00	8,335	191.89	0.10
27.50	0.00	8,299	191.88	0.10
27.60	0.00	8,262	191.88	0.10
27.70	0.00	8,226	191.87	0.10
27.80	0.00	8,191	191.87	0.10
27.90	0.00	8,155	191.87	0.10
28.00	0.00	8,119	191.86	0.10
28.10	0.00	8,084	191.86	0.10
28.20	0.00	8,049	191.86	0.10
28.30	0.00	8,014	191.85	0.10
28.40	0.00	7,979	191.85	0.10
28.50	0.00	7,944	191.85	0.10
28.60	0.00	7,910	191.84	0.10
28.70	0.00	7,876	191.84	0.09
28.80	0.00	7,842	191.84	0.09
28.90	0.00	7,808	191.83	0.09
29.00	0.00	7,774	191.83	0.09
29.10	0.00	7,740	191.83	0.09
29.20	0.00	7,707	191.82	0.09
29.30	0.00	7,674	191.82	0.09
29.40	0.00	7,641	191.82	0.09
29.50	0.00	7,608	191.81	0.09
29.60	0.00	7,575	191.81	0.09
29.70	0.00	7,543	191.81	0.09
29.80	0.00	7,510	191.80	0.09
29.90	0.00	7,478	191.80	0.09
30.00	0.00	7,446	191.80	0.09
30.10	0.00	7,414	191.79	0.09
30.20	0.00	7,383	191.79	0.09
30.30	0.00	7,351	191.79	0.09
30.40	0.00	7,320	191.78	0.09
30.50	0.00	7,289	191.78	0.09
30.60	0.00	7,258	191.78	0.09
30.70	0.00	7,227	191.77	0.09
30.80	0.00	7,197	191.77	0.08
30.90	0.00	7,166	191.77	0.08
31.00	0.00	7,136	191.76	0.08
31.10	0.00	7,106	191.76	0.08

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	7,076	191.76	0.08
31.30	0.00	7,047	191.75	0.08
31.40	0.00	7,017	191.75	0.08
31.50	0.00	6,988	191.75	0.08
31.60	0.00	6,959	191.75	0.08
31.70	0.00	6,930	191.74	0.08
31.80	0.00	6,901	191.74	0.08
31.90	0.00	6,872	191.74	0.08
32.00	0.00	6,844	191.73	0.08
32.10	0.00	6,816	191.73	0.08
32.20	0.00	6,788	191.73	0.08
32.30	0.00	6,760	191.73	0.08
32.40	0.00	6,732	191.72	0.08
32.50	0.00	6,704	191.72	0.08
32.60	0.00	6,677	191.72	0.08
32.70	0.00	6,650	191.71	0.08
32.80	0.00	6,623	191.71	0.07
32.90	0.00	6,596	191.71	0.07
33.00	0.00	6,569	191.71	0.07
33.10	0.00	6,543	191.70	0.07
33.20	0.00	6,517	191.70	0.07
33.30	0.00	6,491	191.70	0.07
33.40	0.00	6,465	191.70	0.07
33.50	0.00	6,439	191.69	0.07
33.60	0.00	6,413	191.69	0.07
33.70	0.00	6,388	191.69	0.07
33.80	0.00	6,363	191.68	0.07
33.90	0.00	6,338	191.68	0.07
34.00	0.00	6,313	191.68	0.07
34.10	0.00	6,288	191.68	0.07
34.20	0.00	6,264	191.67	0.07
34.30	0.00	6,240	191.67	0.07
34.40	0.00	6,215	191.67	0.07
34.50	0.00	6,192	191.67	0.07
34.60	0.00	6,168	191.66	0.07
34.70	0.00	6,144	191.66	0.07
34.80	0.00	6,121	191.66	0.06
34.90	0.00	6,098	191.66	0.06
35.00	0.00	6,075	191.66	0.06
35.10	0.00	6,052	191.65	0.06
35.20	0.00	6,029	191.65	0.06
35.30	0.00	6,007	191.65	0.06
35.40	0.00	5,984	191.65	0.06
35.50	0.00	5,962	191.64	0.06
35.60	0.00	5,940	191.64	0.06
35.70	0.00	5,918	191.64	0.06
35.80	0.00	5,897	191.64	0.06
35.90	0.00	5,875	191.63	0.06
36.00	0.00	5,854	191.63	0.06
36.10	0.00	5,833	191.63	0.06
36.20	0.00	5,812	191.63	0.06
36.30	0.00	5,792	191.63	0.06

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,771	191.62	0.06
36.50	0.00	5,751	191.62	0.06
36.60	0.00	5,731	191.62	0.06
36.70	0.00	5,711	191.62	0.06
36.80	0.00	5,691	191.62	0.05
36.90	0.00	5,671	191.61	0.05
37.00	0.00	5,652	191.61	0.05
37.10	0.00	5,632	191.61	0.05
37.20	0.00	5,613	191.61	0.05
37.30	0.00	5,594	191.61	0.05
37.40	0.00	5,575	191.60	0.05
37.50	0.00	5,557	191.60	0.05
37.60	0.00	5,538	191.60	0.05
37.70	0.00	5,520	191.60	0.05
37.80	0.00	5,502	191.60	0.05
37.90	0.00	5,484	191.59	0.05
38.00	0.00	5,467	191.59	0.05
38.10	0.00	5,449	191.59	0.05
38.20	0.00	5,432	191.59	0.05
38.30	0.00	5,415	191.59	0.05
38.40	0.00	5,398	191.58	0.05
38.50	0.00	5,381	191.58	0.05
38.60	0.00	5,365	191.58	0.05
38.70	0.00	5,349	191.58	0.04
38.80	0.00	5,333	191.58	0.04
38.90	0.00	5,317	191.58	0.04
39.00	0.00	5,301	191.57	0.04
39.10	0.00	5,286	191.57	0.04
39.20	0.00	5,270	191.57	0.04
39.30	0.00	5,255	191.57	0.04
39.40	0.00	5,240	191.57	0.04
39.50	0.00	5,225	191.57	0.04
39.60	0.00	5,211	191.57	0.04
39.70	0.00	5,197	191.56	0.04
39.80	0.00	5,182	191.56	0.04
39.90	0.00	5,168	191.56	0.04
40.00	0.00	5,155	191.56	0.04

Stage-Discharge for Pond B-48: Basin #48

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.02	192.04	0.12	192.56	0.17
191.01	0.00	191.53	0.03	192.05	0.12	192.57	0.17
191.02	0.00	191.54	0.03	192.06	0.12	192.58	0.17
191.03	0.00	191.55	0.03	192.07	0.12	192.59	0.17
191.04	0.00	191.56	0.04	192.08	0.12	192.60	0.17
191.05	0.00	191.57	0.04	192.09	0.13	192.61	0.17
191.06	0.00	191.58	0.05	192.10	0.13	192.62	0.17
191.07	0.00	191.59	0.05	192.11	0.13	192.63	0.17
191.08	0.00	191.60	0.05	192.12	0.13	192.64	0.17
191.09	0.00	191.61	0.05	192.13	0.13	192.65	0.18
191.10	0.00	191.62	0.06	192.14	0.13	192.66	0.18
191.11	0.00	191.63	0.06	192.15	0.13	192.67	0.18
191.12	0.00	191.64	0.06	192.16	0.13	192.68	0.18
191.13	0.00	191.65	0.06	192.17	0.13	192.69	0.18
191.14	0.00	191.66	0.06	192.18	0.13	192.70	0.18
191.15	0.00	191.67	0.07	192.19	0.14	192.71	0.18
191.16	0.00	191.68	0.07	192.20	0.14	192.72	0.18
191.17	0.00	191.69	0.07	192.21	0.14	192.73	0.18
191.18	0.00	191.70	0.07	192.22	0.14	192.74	0.18
191.19	0.00	191.71	0.07	192.23	0.14	192.75	0.18
191.20	0.00	191.72	0.08	192.24	0.14	192.76	0.18
191.21	0.00	191.73	0.08	192.25	0.14	192.77	0.18
191.22	0.00	191.74	0.08	192.26	0.14	192.78	0.19
191.23	0.00	191.75	0.08	192.27	0.14	192.79	0.19
191.24	0.00	191.76	0.08	192.28	0.14	192.80	0.19
191.25	0.00	191.77	0.08	192.29	0.15	192.81	0.19
191.26	0.00	191.78	0.09	192.30	0.15	192.82	0.19
191.27	0.00	191.79	0.09	192.31	0.15	192.83	0.19
191.28	0.00	191.80	0.09	192.32	0.15	192.84	0.19
191.29	0.00	191.81	0.09	192.33	0.15	192.85	0.19
191.30	0.00	191.82	0.09	192.34	0.15	192.86	0.19
191.31	0.00	191.83	0.09	192.35	0.15	192.87	0.19
191.32	0.00	191.84	0.10	192.36	0.15	192.88	0.19
191.33	0.00	191.85	0.10	192.37	0.15	192.89	0.19
191.34	0.00	191.86	0.10	192.38	0.15	192.90	0.19
191.35	0.00	191.87	0.10	192.39	0.15	192.91	0.19
191.36	0.00	191.88	0.10	192.40	0.16	192.92	0.20
191.37	0.00	191.89	0.10	192.41	0.16	192.93	0.20
191.38	0.00	191.90	0.10	192.42	0.16	192.94	0.20
191.39	0.00	191.91	0.10	192.43	0.16	192.95	0.20
191.40	0.00	191.92	0.11	192.44	0.16	192.96	0.20
191.41	0.00	191.93	0.11	192.45	0.16	192.97	0.20
191.42	0.00	191.94	0.11	192.46	0.16	192.98	0.20
191.43	0.00	191.95	0.11	192.47	0.16	192.99	0.20
191.44	0.00	191.96	0.11	192.48	0.16	193.00	0.20
191.45	0.00	191.97	0.11	192.49	0.16	193.01	0.21
191.46	0.01	191.98	0.11	192.50	0.16	193.02	0.24
191.47	0.01	191.99	0.11	192.51	0.16	193.03	0.27
191.48	0.01	192.00	0.12	192.52	0.17	193.04	0.31
191.49	0.01	192.01	0.12	192.53	0.17	193.05	0.35
191.50	0.02	192.02	0.12	192.54	0.17	193.06	0.40
191.51	0.02	192.03	0.12	192.55	0.17	193.07	0.45

Stage-Discharge for Pond B-48: Basin #48 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.50	193.60	6.13
193.09	0.56	193.61	6.28
193.10	0.62	193.62	6.43
193.11	0.68	193.63	6.57
193.12	0.75	193.64	6.72
193.13	0.82	193.65	6.87
193.14	0.89	193.66	7.02
193.15	0.96	193.67	7.17
193.16	1.04	193.68	7.33
193.17	1.12	193.69	7.48
193.18	1.20	193.70	7.64
193.19	1.29	193.71	7.79
193.20	1.37	193.72	7.95
193.21	1.46	193.73	8.11
193.22	1.55	193.74	8.26
193.23	1.64	193.75	8.42
193.24	1.74	193.76	8.58
193.25	1.83	193.77	8.74
193.26	1.93	193.78	8.91
193.27	2.03	193.79	9.07
193.28	2.13	193.80	9.23
193.29	2.23	193.81	9.40
193.30	2.34	193.82	9.56
193.31	2.44	193.83	9.73
193.32	2.55	193.84	9.90
193.33	2.66	193.85	10.07
193.34	2.77	193.86	10.24
193.35	2.88	193.87	10.40
193.36	3.00	193.88	10.58
193.37	3.11	193.89	10.75
193.38	3.23	193.90	10.92
193.39	3.35	193.91	11.09
193.40	3.47	193.92	11.27
193.41	3.59	193.93	11.44
193.42	3.71	193.94	11.62
193.43	3.84	193.95	11.79
193.44	3.96	193.96	11.97
193.45	4.09	193.97	12.15
193.46	4.22	193.98	12.33
193.47	4.35	193.99	12.51
193.48	4.48	194.00	12.81
193.49	4.61		
193.50	4.74		
193.51	4.87		
193.52	5.01		
193.53	5.15		
193.54	5.28		
193.55	5.42		
193.56	5.56		
193.57	5.70		
193.58	5.85		
193.59	5.99		

Stage-Area-Storage for Pond B-48: Basin #48

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	8,869	0	191.52	9,509	4,778
191.01	8,881	89	191.53	9,521	4,873
191.02	8,894	178	191.54	9,534	4,969
191.03	8,906	267	191.55	9,546	5,064
191.04	8,918	356	191.56	9,558	5,160
191.05	8,931	445	191.57	9,571	5,255
191.06	8,943	534	191.58	9,583	5,351
191.07	8,955	624	191.59	9,595	5,447
191.08	8,967	713	191.60	9,608	5,543
191.09	8,980	803	191.61	9,620	5,639
191.10	8,992	893	191.62	9,632	5,735
191.11	9,004	983	191.63	9,645	5,832
191.12	9,017	1,073	191.64	9,657	5,928
191.13	9,029	1,163	191.65	9,669	6,025
191.14	9,041	1,254	191.66	9,681	6,122
191.15	9,054	1,344	191.67	9,694	6,219
191.16	9,066	1,435	191.68	9,706	6,316
191.17	9,078	1,526	191.69	9,718	6,413
191.18	9,091	1,616	191.70	9,731	6,510
191.19	9,103	1,707	191.71	9,743	6,607
191.20	9,115	1,798	191.72	9,755	6,705
191.21	9,128	1,890	191.73	9,768	6,802
191.22	9,140	1,981	191.74	9,780	6,900
191.23	9,152	2,072	191.75	9,792	6,998
191.24	9,164	2,164	191.76	9,805	7,096
191.25	9,177	2,256	191.77	9,817	7,194
191.26	9,189	2,348	191.78	9,829	7,292
191.27	9,201	2,439	191.79	9,841	7,391
191.28	9,214	2,532	191.80	9,854	7,489
191.29	9,226	2,624	191.81	9,866	7,588
191.30	9,238	2,716	191.82	9,878	7,686
191.31	9,251	2,809	191.83	9,891	7,785
191.32	9,263	2,901	191.84	9,903	7,884
191.33	9,275	2,994	191.85	9,915	7,983
191.34	9,288	3,087	191.86	9,928	8,083
191.35	9,300	3,180	191.87	9,940	8,182
191.36	9,312	3,273	191.88	9,952	8,281
191.37	9,324	3,366	191.89	9,965	8,381
191.38	9,337	3,459	191.90	9,977	8,481
191.39	9,349	3,553	191.91	9,989	8,580
191.40	9,361	3,646	191.92	10,002	8,680
191.41	9,374	3,740	191.93	10,014	8,781
191.42	9,386	3,834	191.94	10,026	8,881
191.43	9,398	3,927	191.95	10,038	8,981
191.44	9,411	4,022	191.96	10,051	9,081
191.45	9,423	4,116	191.97	10,063	9,182
191.46	9,435	4,210	191.98	10,075	9,283
191.47	9,448	4,304	191.99	10,088	9,384
191.48	9,460	4,399	192.00	10,100	9,485
191.49	9,472	4,494	192.01	10,113	9,586
191.50	9,485	4,588	192.02	10,126	9,687
191.51	9,497	4,683	192.03	10,139	9,788

Stage-Area-Storage for Pond B-48: Basin #48 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	10,151	9,890	192.56	10,821	15,342
192.05	10,164	9,991	192.57	10,834	15,451
192.06	10,177	10,093	192.58	10,846	15,559
192.07	10,190	10,195	192.59	10,859	15,668
192.08	10,203	10,297	192.60	10,872	15,776
192.09	10,216	10,399	192.61	10,885	15,885
192.10	10,229	10,501	192.62	10,898	15,994
192.11	10,242	10,603	192.63	10,911	16,103
192.12	10,254	10,706	192.64	10,924	16,212
192.13	10,267	10,808	192.65	10,937	16,321
192.14	10,280	10,911	192.66	10,949	16,431
192.15	10,293	11,014	192.67	10,962	16,540
192.16	10,306	11,117	192.68	10,975	16,650
192.17	10,319	11,220	192.69	10,988	16,760
192.18	10,332	11,323	192.70	11,001	16,870
192.19	10,345	11,427	192.71	11,014	16,980
192.20	10,357	11,530	192.72	11,027	17,090
192.21	10,370	11,634	192.73	11,040	17,200
192.22	10,383	11,738	192.74	11,052	17,311
192.23	10,396	11,842	192.75	11,065	17,421
192.24	10,409	11,946	192.76	11,078	17,532
192.25	10,422	12,050	192.77	11,091	17,643
192.26	10,435	12,154	192.78	11,104	17,754
192.27	10,447	12,258	192.79	11,117	17,865
192.28	10,460	12,363	192.80	11,130	17,976
192.29	10,473	12,468	192.81	11,142	18,088
192.30	10,486	12,572	192.82	11,155	18,199
192.31	10,499	12,677	192.83	11,168	18,311
192.32	10,512	12,782	192.84	11,181	18,423
192.33	10,525	12,888	192.85	11,194	18,534
192.34	10,538	12,993	192.86	11,207	18,646
192.35	10,550	13,098	192.87	11,220	18,759
192.36	10,563	13,204	192.88	11,233	18,871
192.37	10,576	13,310	192.89	11,245	18,983
192.38	10,589	13,415	192.90	11,258	19,096
192.39	10,602	13,521	192.91	11,271	19,208
192.40	10,615	13,627	192.92	11,284	19,321
192.41	10,628	13,734	192.93	11,297	19,434
192.42	10,641	13,840	192.94	11,310	19,547
192.43	10,653	13,946	192.95	11,323	19,660
192.44	10,666	14,053	192.96	11,336	19,774
192.45	10,679	14,160	192.97	11,348	19,887
192.46	10,692	14,267	192.98	11,361	20,001
192.47	10,705	14,374	192.99	11,374	20,114
192.48	10,718	14,481	193.00	11,387	20,228
192.49	10,731	14,588	193.01	11,400	20,342
192.50	10,744	14,695	193.02	11,414	20,456
192.51	10,756	14,803	193.03	11,427	20,570
192.52	10,769	14,911	193.04	11,441	20,685
192.53	10,782	15,018	193.05	11,454	20,799
192.54	10,795	15,126	193.06	11,468	20,914
192.55	10,808	15,234	193.07	11,481	21,028

Stage-Area-Storage for Pond B-48: Basin #48 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	11,495	21,143	193.60	12,193	27,302
193.09	11,508	21,258	193.61	12,207	27,424
193.10	11,521	21,373	193.62	12,220	27,546
193.11	11,535	21,489	193.63	12,234	27,669
193.12	11,548	21,604	193.64	12,247	27,791
193.13	11,562	21,720	193.65	12,261	27,913
193.14	11,575	21,835	193.66	12,274	28,036
193.15	11,589	21,951	193.67	12,287	28,159
193.16	11,602	22,067	193.68	12,301	28,282
193.17	11,615	22,183	193.69	12,314	28,405
193.18	11,629	22,299	193.70	12,328	28,528
193.19	11,642	22,416	193.71	12,341	28,652
193.20	11,656	22,532	193.72	12,355	28,775
193.21	11,669	22,649	193.73	12,368	28,899
193.22	11,683	22,766	193.74	12,382	29,022
193.23	11,696	22,883	193.75	12,395	29,146
193.24	11,710	23,000	193.76	12,408	29,270
193.25	11,723	23,117	193.77	12,422	29,394
193.26	11,736	23,234	193.78	12,435	29,519
193.27	11,750	23,351	193.79	12,449	29,643
193.28	11,763	23,469	193.80	12,462	29,768
193.29	11,777	23,587	193.81	12,476	29,892
193.30	11,790	23,705	193.82	12,489	30,017
193.31	11,804	23,823	193.83	12,503	30,142
193.32	11,817	23,941	193.84	12,516	30,267
193.33	11,831	24,059	193.85	12,529	30,392
193.34	11,844	24,177	193.86	12,543	30,518
193.35	11,857	24,296	193.87	12,556	30,643
193.36	11,871	24,414	193.88	12,570	30,769
193.37	11,884	24,533	193.89	12,583	30,895
193.38	11,898	24,652	193.90	12,597	31,021
193.39	11,911	24,771	193.91	12,610	31,147
193.40	11,925	24,890	193.92	12,623	31,273
193.41	11,938	25,010	193.93	12,637	31,399
193.42	11,951	25,129	193.94	12,650	31,526
193.43	11,965	25,249	193.95	12,664	31,652
193.44	11,978	25,368	193.96	12,677	31,779
193.45	11,992	25,488	193.97	12,691	31,906
193.46	12,005	25,608	193.98	12,704	32,033
193.47	12,019	25,728	193.99	12,718	32,160
193.48	12,032	25,849	194.00	12,731	32,287
193.49	12,046	25,969			
193.50	12,059	26,090			
193.51	12,072	26,210			
193.52	12,086	26,331			
193.53	12,099	26,452			
193.54	12,113	26,573			
193.55	12,126	26,694			
193.56	12,140	26,815			
193.57	12,153	26,937			
193.58	12,167	27,059			
193.59	12,180	27,180			

Summary for Pond B-49: Basin #49

Inflow Area = 2.090 ac, 43.68% Impervious, Inflow Depth = 2.00" for Current 2 yr event
 Inflow = 4.87 cfs @ 12.11 hrs, Volume= 0.349 af
 Outflow = 0.15 cfs @ 15.48 hrs, Volume= 0.241 af, Atten= 97%, Lag= 202.2 min
 Primary = 0.15 cfs @ 15.48 hrs, Volume= 0.241 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 184.46' @ 15.48 hrs Surf.Area= 8,130 sf Storage= 10,737 cf

Plug-Flow detention time= 708.1 min calculated for 0.240 af (69% of inflow)
 Center-of-Mass det. time= 604.5 min (1,394.0 - 789.5)

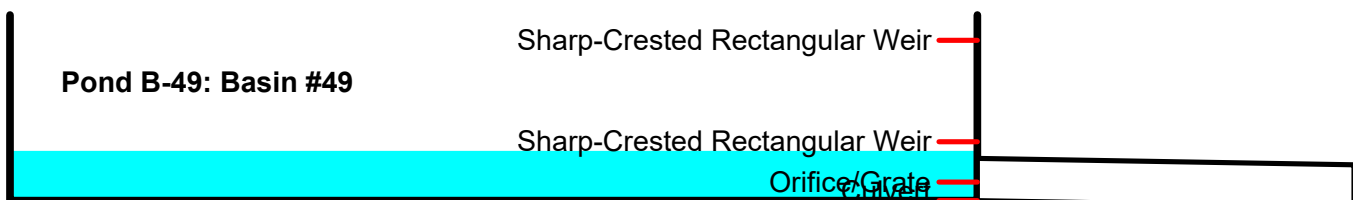
Volume	Invert	Avail.Storage	Storage Description
#1	183.00'	52,993 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
183.00	6,565	0	0
184.00	7,625	7,095	7,095
185.00	8,717	8,171	15,266
186.00	9,853	9,285	24,551
187.00	11,027	10,440	34,991
188.00	12,333	11,680	46,671
188.50	12,956	6,322	52,993

Device	Routing	Invert	Outlet Devices
#1	Primary	183.00'	15.0" Round Culvert L= 25.0' Ke= 0.500 Inlet / Outlet Invert= 183.00' / 182.81' S= 0.0076 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	183.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	184.74'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.75'	30.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

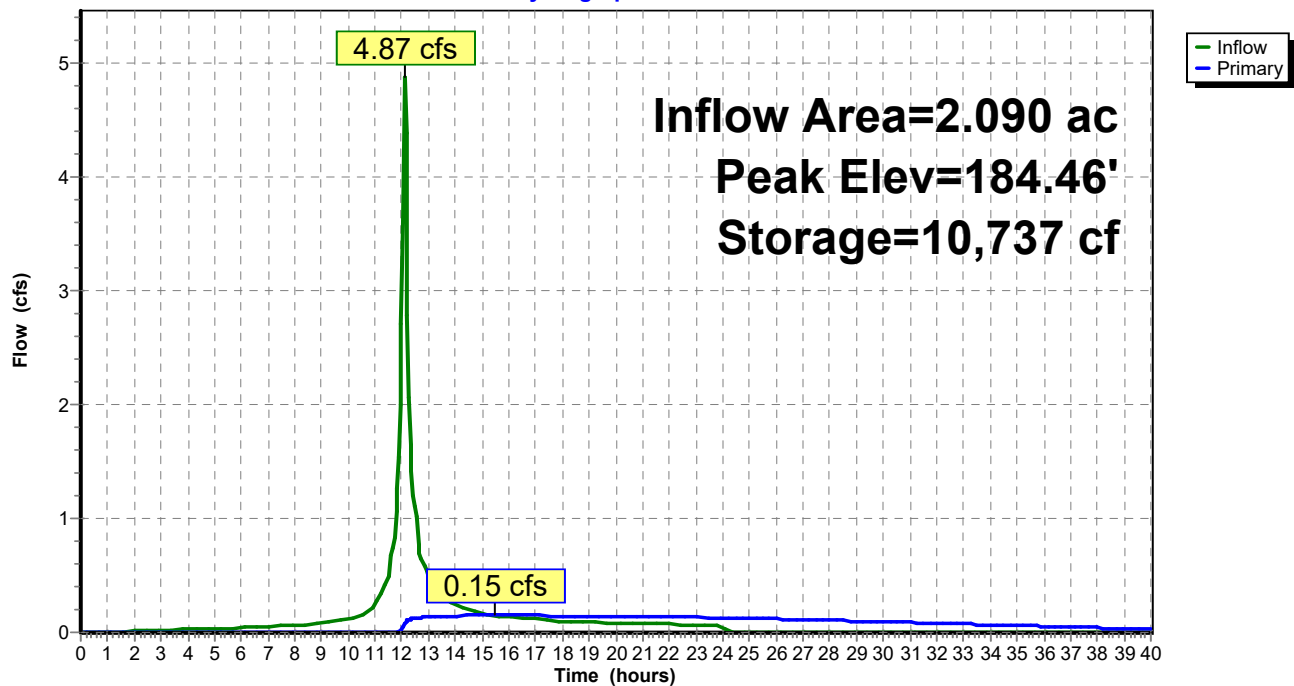
Primary OutFlow Max=0.15 cfs @ 15.48 hrs HW=184.46' (Free Discharge)

1=Culvert (Passes 0.15 cfs of 4.88 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.15 cfs @ 4.33 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-49: Basin #49

Hydrograph



Hydrograph for Pond B-49: Basin #49

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	183.00	0.00
0.10	0.00	0	183.00	0.00
0.20	0.00	0	183.00	0.00
0.30	0.00	0	183.00	0.00
0.40	0.00	0	183.00	0.00
0.50	0.00	0	183.00	0.00
0.60	0.00	0	183.00	0.00
0.70	0.00	0	183.00	0.00
0.80	0.00	0	183.00	0.00
0.90	0.00	0	183.00	0.00
1.00	0.00	0	183.00	0.00
1.10	0.00	0	183.00	0.00
1.20	0.00	0	183.00	0.00
1.30	0.00	0	183.00	0.00
1.40	0.00	1	183.00	0.00
1.50	0.00	2	183.00	0.00
1.60	0.01	4	183.00	0.00
1.70	0.01	6	183.00	0.00
1.80	0.01	9	183.00	0.00
1.90	0.01	11	183.00	0.00
2.00	0.01	15	183.00	0.00
2.10	0.01	18	183.00	0.00
2.20	0.01	22	183.00	0.00
2.30	0.01	26	183.00	0.00
2.40	0.01	31	183.00	0.00
2.50	0.01	36	183.01	0.00
2.60	0.02	41	183.01	0.00
2.70	0.02	47	183.01	0.00
2.80	0.02	53	183.01	0.00
2.90	0.02	59	183.01	0.00
3.00	0.02	66	183.01	0.00
3.10	0.02	73	183.01	0.00
3.20	0.02	80	183.01	0.00
3.30	0.02	87	183.01	0.00
3.40	0.02	95	183.01	0.00
3.50	0.02	103	183.02	0.00
3.60	0.02	112	183.02	0.00
3.70	0.02	120	183.02	0.00
3.80	0.02	129	183.02	0.00
3.90	0.03	138	183.02	0.00
4.00	0.03	147	183.02	0.00
4.10	0.03	157	183.02	0.00
4.20	0.03	167	183.03	0.00
4.30	0.03	177	183.03	0.00
4.40	0.03	187	183.03	0.00
4.50	0.03	198	183.03	0.00
4.60	0.03	208	183.03	0.00
4.70	0.03	219	183.03	0.00
4.80	0.03	230	183.03	0.00
4.90	0.03	242	183.04	0.00
5.00	0.03	253	183.04	0.00
5.10	0.03	265	183.04	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.03	277	183.04	0.00
5.30	0.03	290	183.04	0.00
5.40	0.03	302	183.05	0.00
5.50	0.04	315	183.05	0.00
5.60	0.04	328	183.05	0.00
5.70	0.04	341	183.05	0.00
5.80	0.04	354	183.05	0.00
5.90	0.04	367	183.06	0.00
6.00	0.04	381	183.06	0.00
6.10	0.04	395	183.06	0.00
6.20	0.04	409	183.06	0.00
6.30	0.04	424	183.06	0.00
6.40	0.04	439	183.07	0.00
6.50	0.04	455	183.07	0.00
6.60	0.05	471	183.07	0.00
6.70	0.05	488	183.07	0.00
6.80	0.05	505	183.08	0.00
6.90	0.05	523	183.08	0.00
7.00	0.05	541	183.08	0.00
7.10	0.05	559	183.08	0.00
7.20	0.05	578	183.09	0.00
7.30	0.05	598	183.09	0.00
7.40	0.06	618	183.09	0.00
7.50	0.06	638	183.10	0.00
7.60	0.06	659	183.10	0.00
7.70	0.06	681	183.10	0.00
7.80	0.06	702	183.11	0.00
7.90	0.06	725	183.11	0.00
8.00	0.06	748	183.11	0.00
8.10	0.07	771	183.12	0.00
8.20	0.07	795	183.12	0.00
8.30	0.07	819	183.12	0.00
8.40	0.07	844	183.13	0.00
8.50	0.07	869	183.13	0.00
8.60	0.07	895	183.13	0.00
8.70	0.07	921	183.14	0.00
8.80	0.07	948	183.14	0.00
8.90	0.08	975	183.15	0.00
9.00	0.08	1,003	183.15	0.00
9.10	0.08	1,031	183.16	0.00
9.20	0.09	1,062	183.16	0.00
9.30	0.09	1,093	183.16	0.00
9.40	0.10	1,127	183.17	0.00
9.50	0.10	1,162	183.17	0.00
9.60	0.10	1,198	183.18	0.00
9.70	0.11	1,237	183.19	0.00
9.80	0.11	1,277	183.19	0.00
9.90	0.12	1,318	183.20	0.00
10.00	0.12	1,362	183.20	0.00
10.10	0.13	1,407	183.21	0.00
10.20	0.13	1,453	183.22	0.00
10.30	0.14	1,502	183.22	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.14	1,551	183.23	0.00
10.50	0.15	1,603	183.24	0.00
10.60	0.16	1,658	183.25	0.00
10.70	0.18	1,720	183.26	0.00
10.80	0.20	1,788	183.27	0.00
10.90	0.22	1,864	183.28	0.00
11.00	0.24	1,947	183.29	0.00
11.10	0.28	2,041	183.30	0.00
11.20	0.32	2,149	183.32	0.00
11.30	0.36	2,272	183.34	0.00
11.40	0.41	2,411	183.36	0.00
11.50	0.45	2,566	183.38	0.00
11.60	0.68	2,765	183.41	0.00
11.70	0.78	3,029	183.45	0.00
11.80	1.06	3,355	183.49	0.00
11.90	1.54	3,817	183.56	0.00
12.00	2.71	4,556	183.66	0.02
12.10	4.83	5,864	183.84	0.07
12.20	2.78	7,307	184.03	0.10
12.30	1.65	8,038	184.12	0.11
12.40	1.19	8,506	184.18	0.12
12.50	1.06	8,864	184.23	0.12
12.60	0.77	9,155	184.27	0.13
12.70	0.66	9,361	184.29	0.13
12.80	0.60	9,541	184.31	0.13
12.90	0.55	9,700	184.33	0.14
13.00	0.49	9,839	184.35	0.14
13.10	0.44	9,957	184.37	0.14
13.20	0.40	10,058	184.38	0.14
13.30	0.37	10,147	184.39	0.14
13.40	0.34	10,225	184.40	0.14
13.50	0.31	10,291	184.41	0.14
13.60	0.28	10,347	184.41	0.14
13.70	0.27	10,394	184.42	0.14
13.80	0.26	10,437	184.43	0.14
13.90	0.25	10,478	184.43	0.14
14.00	0.24	10,515	184.43	0.15
14.10	0.24	10,550	184.44	0.15
14.20	0.23	10,581	184.44	0.15
14.30	0.22	10,610	184.45	0.15
14.40	0.21	10,635	184.45	0.15
14.50	0.21	10,658	184.45	0.15
14.60	0.20	10,677	184.45	0.15
14.70	0.19	10,694	184.46	0.15
14.80	0.18	10,708	184.46	0.15
14.90	0.17	10,719	184.46	0.15
15.00	0.16	10,727	184.46	0.15
15.10	0.16	10,732	184.46	0.15
15.20	0.15	10,734	184.46	0.15
15.30	0.15	10,736	184.46	0.15
15.40	0.15	10,737	184.46	0.15
15.50	0.15	10,737	184.46	0.15

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	10,737	184.46	0.15
15.70	0.14	10,736	184.46	0.15
15.80	0.14	10,733	184.46	0.15
15.90	0.14	10,731	184.46	0.15
16.00	0.14	10,727	184.46	0.15
16.10	0.13	10,723	184.46	0.15
16.20	0.13	10,718	184.46	0.15
16.30	0.13	10,712	184.46	0.15
16.40	0.13	10,706	184.46	0.15
16.50	0.13	10,699	184.46	0.15
16.60	0.12	10,691	184.46	0.15
16.70	0.12	10,682	184.46	0.15
16.80	0.12	10,673	184.45	0.15
16.90	0.12	10,662	184.45	0.15
17.00	0.12	10,652	184.45	0.15
17.10	0.11	10,640	184.45	0.15
17.20	0.11	10,628	184.45	0.15
17.30	0.11	10,615	184.45	0.15
17.40	0.11	10,601	184.45	0.15
17.50	0.10	10,586	184.44	0.15
17.60	0.10	10,571	184.44	0.15
17.70	0.10	10,555	184.44	0.15
17.80	0.10	10,538	184.44	0.15
17.90	0.10	10,521	184.44	0.15
18.00	0.09	10,503	184.43	0.14
18.10	0.09	10,484	184.43	0.14
18.20	0.09	10,465	184.43	0.14
18.30	0.09	10,445	184.43	0.14
18.40	0.09	10,426	184.42	0.14
18.50	0.09	10,406	184.42	0.14
18.60	0.09	10,386	184.42	0.14
18.70	0.09	10,366	184.42	0.14
18.80	0.09	10,346	184.41	0.14
18.90	0.09	10,326	184.41	0.14
19.00	0.09	10,306	184.41	0.14
19.10	0.09	10,285	184.41	0.14
19.20	0.09	10,265	184.40	0.14
19.30	0.08	10,244	184.40	0.14
19.40	0.08	10,224	184.40	0.14
19.50	0.08	10,203	184.40	0.14
19.60	0.08	10,182	184.39	0.14
19.70	0.08	10,161	184.39	0.14
19.80	0.08	10,140	184.39	0.14
19.90	0.08	10,119	184.39	0.14
20.00	0.08	10,098	184.38	0.14
20.10	0.08	10,076	184.38	0.14
20.20	0.08	10,055	184.38	0.14
20.30	0.08	10,033	184.38	0.14
20.40	0.08	10,011	184.37	0.14
20.50	0.08	9,990	184.37	0.14
20.60	0.08	9,968	184.37	0.14
20.70	0.08	9,946	184.36	0.14

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	9,924	184.36	0.14
20.90	0.08	9,902	184.36	0.14
21.00	0.08	9,879	184.36	0.14
21.10	0.07	9,857	184.35	0.14
21.20	0.07	9,834	184.35	0.14
21.30	0.07	9,812	184.35	0.14
21.40	0.07	9,789	184.34	0.14
21.50	0.07	9,767	184.34	0.14
21.60	0.07	9,744	184.34	0.14
21.70	0.07	9,721	184.34	0.14
21.80	0.07	9,698	184.33	0.14
21.90	0.07	9,675	184.33	0.13
22.00	0.07	9,652	184.33	0.13
22.10	0.07	9,628	184.32	0.13
22.20	0.07	9,605	184.32	0.13
22.30	0.07	9,581	184.32	0.13
22.40	0.07	9,558	184.32	0.13
22.50	0.07	9,534	184.31	0.13
22.60	0.07	9,510	184.31	0.13
22.70	0.07	9,487	184.31	0.13
22.80	0.07	9,463	184.30	0.13
22.90	0.06	9,439	184.30	0.13
23.00	0.06	9,415	184.30	0.13
23.10	0.06	9,390	184.29	0.13
23.20	0.06	9,366	184.29	0.13
23.30	0.06	9,342	184.29	0.13
23.40	0.06	9,317	184.29	0.13
23.50	0.06	9,293	184.28	0.13
23.60	0.06	9,268	184.28	0.13
23.70	0.06	9,243	184.28	0.13
23.80	0.06	9,219	184.27	0.13
23.90	0.06	9,194	184.27	0.13
24.00	0.07	9,171	184.27	0.13
24.10	0.02	9,142	184.26	0.13
24.20	0.00	9,099	184.26	0.13
24.30	0.00	9,053	184.25	0.13
24.40	0.00	9,007	184.25	0.13
24.50	0.00	8,962	184.24	0.13
24.60	0.00	8,917	184.23	0.13
24.70	0.00	8,872	184.23	0.12
24.80	0.00	8,827	184.22	0.12
24.90	0.00	8,783	184.22	0.12
25.00	0.00	8,739	184.21	0.12
25.10	0.00	8,695	184.21	0.12
25.20	0.00	8,651	184.20	0.12
25.30	0.00	8,607	184.20	0.12
25.40	0.00	8,564	184.19	0.12
25.50	0.00	8,521	184.18	0.12
25.60	0.00	8,478	184.18	0.12
25.70	0.00	8,435	184.17	0.12
25.80	0.00	8,393	184.17	0.12
25.90	0.00	8,350	184.16	0.12

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	8,308	184.16	0.12
26.10	0.00	8,267	184.15	0.12
26.20	0.00	8,225	184.15	0.12
26.30	0.00	8,184	184.14	0.11
26.40	0.00	8,143	184.14	0.11
26.50	0.00	8,102	184.13	0.11
26.60	0.00	8,061	184.13	0.11
26.70	0.00	8,021	184.12	0.11
26.80	0.00	7,980	184.12	0.11
26.90	0.00	7,940	184.11	0.11
27.00	0.00	7,901	184.10	0.11
27.10	0.00	7,861	184.10	0.11
27.20	0.00	7,822	184.09	0.11
27.30	0.00	7,783	184.09	0.11
27.40	0.00	7,744	184.08	0.11
27.50	0.00	7,705	184.08	0.11
27.60	0.00	7,667	184.07	0.11
27.70	0.00	7,629	184.07	0.11
27.80	0.00	7,591	184.06	0.11
27.90	0.00	7,553	184.06	0.10
28.00	0.00	7,515	184.05	0.10
28.10	0.00	7,478	184.05	0.10
28.20	0.00	7,441	184.05	0.10
28.30	0.00	7,404	184.04	0.10
28.40	0.00	7,368	184.04	0.10
28.50	0.00	7,331	184.03	0.10
28.60	0.00	7,295	184.03	0.10
28.70	0.00	7,259	184.02	0.10
28.80	0.00	7,224	184.02	0.10
28.90	0.00	7,188	184.01	0.10
29.00	0.00	7,153	184.01	0.10
29.10	0.00	7,118	184.00	0.10
29.20	0.00	7,083	184.00	0.10
29.30	0.00	7,049	183.99	0.10
29.40	0.00	7,014	183.99	0.10
29.50	0.00	6,980	183.98	0.09
29.60	0.00	6,946	183.98	0.09
29.70	0.00	6,913	183.98	0.09
29.80	0.00	6,879	183.97	0.09
29.90	0.00	6,846	183.97	0.09
30.00	0.00	6,813	183.96	0.09
30.10	0.00	6,781	183.96	0.09
30.20	0.00	6,748	183.95	0.09
30.30	0.00	6,716	183.95	0.09
30.40	0.00	6,684	183.95	0.09
30.50	0.00	6,652	183.94	0.09
30.60	0.00	6,620	183.94	0.09
30.70	0.00	6,589	183.93	0.09
30.80	0.00	6,558	183.93	0.09
30.90	0.00	6,527	183.93	0.09
31.00	0.00	6,497	183.92	0.08
31.10	0.00	6,466	183.92	0.08

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,436	183.91	0.08
31.30	0.00	6,406	183.91	0.08
31.40	0.00	6,377	183.91	0.08
31.50	0.00	6,347	183.90	0.08
31.60	0.00	6,318	183.90	0.08
31.70	0.00	6,289	183.89	0.08
31.80	0.00	6,260	183.89	0.08
31.90	0.00	6,232	183.89	0.08
32.00	0.00	6,203	183.88	0.08
32.10	0.00	6,175	183.88	0.08
32.20	0.00	6,147	183.87	0.08
32.30	0.00	6,120	183.87	0.08
32.40	0.00	6,092	183.87	0.08
32.50	0.00	6,065	183.86	0.07
32.60	0.00	6,038	183.86	0.07
32.70	0.00	6,012	183.86	0.07
32.80	0.00	5,985	183.85	0.07
32.90	0.00	5,959	183.85	0.07
33.00	0.00	5,933	183.85	0.07
33.10	0.00	5,908	183.84	0.07
33.20	0.00	5,882	183.84	0.07
33.30	0.00	5,857	183.84	0.07
33.40	0.00	5,832	183.83	0.07
33.50	0.00	5,807	183.83	0.07
33.60	0.00	5,782	183.83	0.07
33.70	0.00	5,758	183.82	0.07
33.80	0.00	5,734	183.82	0.07
33.90	0.00	5,710	183.82	0.07
34.00	0.00	5,687	183.81	0.07
34.10	0.00	5,663	183.81	0.06
34.20	0.00	5,640	183.81	0.06
34.30	0.00	5,617	183.80	0.06
34.40	0.00	5,595	183.80	0.06
34.50	0.00	5,572	183.80	0.06
34.60	0.00	5,550	183.79	0.06
34.70	0.00	5,528	183.79	0.06
34.80	0.00	5,507	183.79	0.06
34.90	0.00	5,485	183.79	0.06
35.00	0.00	5,464	183.78	0.06
35.10	0.00	5,443	183.78	0.06
35.20	0.00	5,422	183.78	0.06
35.30	0.00	5,402	183.77	0.06
35.40	0.00	5,381	183.77	0.06
35.50	0.00	5,361	183.77	0.06
35.60	0.00	5,341	183.77	0.05
35.70	0.00	5,322	183.76	0.05
35.80	0.00	5,302	183.76	0.05
35.90	0.00	5,283	183.76	0.05
36.00	0.00	5,265	183.76	0.05
36.10	0.00	5,246	183.75	0.05
36.20	0.00	5,228	183.75	0.05
36.30	0.00	5,210	183.75	0.05

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	5,192	183.75	0.05
36.50	0.00	5,175	183.74	0.05
36.60	0.00	5,157	183.74	0.05
36.70	0.00	5,140	183.74	0.05
36.80	0.00	5,124	183.74	0.05
36.90	0.00	5,107	183.73	0.05
37.00	0.00	5,091	183.73	0.04
37.10	0.00	5,075	183.73	0.04
37.20	0.00	5,059	183.73	0.04
37.30	0.00	5,043	183.73	0.04
37.40	0.00	5,028	183.72	0.04
37.50	0.00	5,013	183.72	0.04
37.60	0.00	4,998	183.72	0.04
37.70	0.00	4,983	183.72	0.04
37.80	0.00	4,968	183.72	0.04
37.90	0.00	4,954	183.71	0.04
38.00	0.00	4,940	183.71	0.04
38.10	0.00	4,926	183.71	0.04
38.20	0.00	4,912	183.71	0.04
38.30	0.00	4,899	183.71	0.04
38.40	0.00	4,886	183.70	0.04
38.50	0.00	4,873	183.70	0.04
38.60	0.00	4,860	183.70	0.03
38.70	0.00	4,848	183.70	0.03
38.80	0.00	4,835	183.70	0.03
38.90	0.00	4,823	183.70	0.03
39.00	0.00	4,812	183.69	0.03
39.10	0.00	4,800	183.69	0.03
39.20	0.00	4,788	183.69	0.03
39.30	0.00	4,777	183.69	0.03
39.40	0.00	4,766	183.69	0.03
39.50	0.00	4,755	183.69	0.03
39.60	0.00	4,745	183.68	0.03
39.70	0.00	4,734	183.68	0.03
39.80	0.00	4,724	183.68	0.03
39.90	0.00	4,714	183.68	0.03
40.00	0.00	4,704	183.68	0.03

Stage-Discharge for Pond B-49: Basin #49

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.00	0.00	183.52	0.00	184.04	0.10	184.56	0.16
183.01	0.00	183.53	0.00	184.05	0.10	184.57	0.16
183.02	0.00	183.54	0.00	184.06	0.10	184.58	0.16
183.03	0.00	183.55	0.00	184.07	0.11	184.59	0.16
183.04	0.00	183.56	0.00	184.08	0.11	184.60	0.16
183.05	0.00	183.57	0.00	184.09	0.11	184.61	0.16
183.06	0.00	183.58	0.00	184.10	0.11	184.62	0.16
183.07	0.00	183.59	0.00	184.11	0.11	184.63	0.16
183.08	0.00	183.60	0.00	184.12	0.11	184.64	0.16
183.09	0.00	183.61	0.01	184.13	0.11	184.65	0.16
183.10	0.00	183.62	0.01	184.14	0.11	184.66	0.16
183.11	0.00	183.63	0.01	184.15	0.12	184.67	0.17
183.12	0.00	183.64	0.01	184.16	0.12	184.68	0.17
183.13	0.00	183.65	0.02	184.17	0.12	184.69	0.17
183.14	0.00	183.66	0.02	184.18	0.12	184.70	0.17
183.15	0.00	183.67	0.02	184.19	0.12	184.71	0.17
183.16	0.00	183.68	0.03	184.20	0.12	184.72	0.17
183.17	0.00	183.69	0.03	184.21	0.12	184.73	0.17
183.18	0.00	183.70	0.03	184.22	0.12	184.74	0.17
183.19	0.00	183.71	0.04	184.23	0.12	184.75	0.18
183.20	0.00	183.72	0.04	184.24	0.13	184.76	0.21
183.21	0.00	183.73	0.05	184.25	0.13	184.77	0.24
183.22	0.00	183.74	0.05	184.26	0.13	184.78	0.28
183.23	0.00	183.75	0.05	184.27	0.13	184.79	0.32
183.24	0.00	183.76	0.05	184.28	0.13	184.80	0.37
183.25	0.00	183.77	0.06	184.29	0.13	184.81	0.42
183.26	0.00	183.78	0.06	184.30	0.13	184.82	0.47
183.27	0.00	183.79	0.06	184.31	0.13	184.83	0.53
183.28	0.00	183.80	0.06	184.32	0.13	184.84	0.59
183.29	0.00	183.81	0.06	184.33	0.13	184.85	0.65
183.30	0.00	183.82	0.07	184.34	0.14	184.86	0.72
183.31	0.00	183.83	0.07	184.35	0.14	184.87	0.79
183.32	0.00	183.84	0.07	184.36	0.14	184.88	0.86
183.33	0.00	183.85	0.07	184.37	0.14	184.89	0.94
183.34	0.00	183.86	0.07	184.38	0.14	184.90	1.01
183.35	0.00	183.87	0.08	184.39	0.14	184.91	1.09
183.36	0.00	183.88	0.08	184.40	0.14	184.92	1.17
183.37	0.00	183.89	0.08	184.41	0.14	184.93	1.26
183.38	0.00	183.90	0.08	184.42	0.14	184.94	1.34
183.39	0.00	183.91	0.08	184.43	0.14	184.95	1.43
183.40	0.00	183.92	0.08	184.44	0.15	184.96	1.52
183.41	0.00	183.93	0.09	184.45	0.15	184.97	1.61
183.42	0.00	183.94	0.09	184.46	0.15	184.98	1.71
183.43	0.00	183.95	0.09	184.47	0.15	184.99	1.80
183.44	0.00	183.96	0.09	184.48	0.15	185.00	1.90
183.45	0.00	183.97	0.09	184.49	0.15	185.01	2.00
183.46	0.00	183.98	0.09	184.50	0.15	185.02	2.10
183.47	0.00	183.99	0.10	184.51	0.15	185.03	2.21
183.48	0.00	184.00	0.10	184.52	0.15	185.04	2.31
183.49	0.00	184.01	0.10	184.53	0.15	185.05	2.42
183.50	0.00	184.02	0.10	184.54	0.15	185.06	2.52
183.51	0.00	184.03	0.10	184.55	0.16	185.07	2.63

Stage-Discharge for Pond B-49: Basin #49 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.08	2.75	185.60	8.30	186.12	9.33	186.64	10.26
185.09	2.86	185.61	8.33	186.13	9.35	186.65	10.28
185.10	2.97	185.62	8.35	186.14	9.37	186.66	10.29
185.11	3.09	185.63	8.37	186.15	9.39	186.67	10.31
185.12	3.20	185.64	8.39	186.16	9.41	186.68	10.33
185.13	3.32	185.65	8.41	186.17	9.43	186.69	10.34
185.14	3.44	185.66	8.43	186.18	9.44	186.70	10.36
185.15	3.56	185.67	8.45	186.19	9.46	186.71	10.38
185.16	3.69	185.68	8.47	186.20	9.48	186.72	10.40
185.17	3.81	185.69	8.49	186.21	9.50	186.73	10.41
185.18	3.94	185.70	8.51	186.22	9.52	186.74	10.43
185.19	4.06	185.71	8.53	186.23	9.54	186.75	10.45
185.20	4.19	185.72	8.55	186.24	9.56	186.76	10.46
185.21	4.32	185.73	8.57	186.25	9.57	186.77	10.48
185.22	4.45	185.74	8.59	186.26	9.59	186.78	10.50
185.23	4.58	185.75	8.61	186.27	9.61	186.79	10.51
185.24	4.72	185.76	8.63	186.28	9.63	186.80	10.53
185.25	4.85	185.77	8.65	186.29	9.65	186.81	10.55
185.26	4.99	185.78	8.67	186.30	9.66	186.82	10.56
185.27	5.12	185.79	8.69	186.31	9.68	186.83	10.58
185.28	5.26	185.80	8.71	186.32	9.70	186.84	10.59
185.29	5.40	185.81	8.73	186.33	9.72	186.85	10.61
185.30	5.54	185.82	8.75	186.34	9.74	186.86	10.63
185.31	5.68	185.83	8.77	186.35	9.75	186.87	10.64
185.32	5.82	185.84	8.79	186.36	9.77	186.88	10.66
185.33	5.97	185.85	8.81	186.37	9.79	186.89	10.68
185.34	6.11	185.86	8.83	186.38	9.81	186.90	10.69
185.35	6.26	185.87	8.85	186.39	9.83	186.91	10.71
185.36	6.40	185.88	8.87	186.40	9.84	186.92	10.73
185.37	6.55	185.89	8.89	186.41	9.86	186.93	10.74
185.38	6.70	185.90	8.91	186.42	9.88	186.94	10.76
185.39	6.85	185.91	8.93	186.43	9.90	186.95	10.77
185.40	7.00	185.92	8.95	186.44	9.91	186.96	10.79
185.41	7.15	185.93	8.97	186.45	9.93	186.97	10.81
185.42	7.30	185.94	8.99	186.46	9.95	186.98	10.82
185.43	7.46	185.95	9.01	186.47	9.97	186.99	10.84
185.44	7.61	185.96	9.03	186.48	9.98	187.00	10.86
185.45	7.77	185.97	9.05	186.49	10.00	187.01	10.87
185.46	7.92	185.98	9.07	186.50	10.02	187.02	10.89
185.47	8.03	185.99	9.09	186.51	10.04	187.03	10.90
185.48	8.05	186.00	9.11	186.52	10.05	187.04	10.92
185.49	8.07	186.01	9.13	186.53	10.07	187.05	10.94
185.50	8.09	186.02	9.14	186.54	10.09	187.06	10.95
185.51	8.11	186.03	9.16	186.55	10.11	187.07	10.97
185.52	8.13	186.04	9.18	186.56	10.12	187.08	10.98
185.53	8.16	186.05	9.20	186.57	10.14	187.09	11.00
185.54	8.18	186.06	9.22	186.58	10.16	187.10	11.01
185.55	8.20	186.07	9.24	186.59	10.17	187.11	11.03
185.56	8.22	186.08	9.26	186.60	10.19	187.12	11.05
185.57	8.24	186.09	9.28	186.61	10.21	187.13	11.06
185.58	8.26	186.10	9.30	186.62	10.23	187.14	11.08
185.59	8.28	186.11	9.31	186.63	10.24	187.15	11.09

Stage-Discharge for Pond B-49: Basin #49 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
187.16	11.11	187.68	11.90	188.20	42.16
187.17	11.13	187.69	11.91	188.21	43.16
187.18	11.14	187.70	11.93	188.22	44.18
187.19	11.16	187.71	11.94	188.23	45.20
187.20	11.17	187.72	11.96	188.24	46.23
187.21	11.19	187.73	11.97	188.25	47.28
187.22	11.20	187.74	11.99	188.26	48.33
187.23	11.22	187.75	12.00	188.27	49.39
187.24	11.23	187.76	12.11	188.28	50.47
187.25	11.25	187.77	12.31	188.29	51.55
187.26	11.27	187.78	12.55	188.30	52.64
187.27	11.28	187.79	12.84	188.31	53.75
187.28	11.30	187.80	13.17	188.32	54.86
187.29	11.31	187.81	13.53	188.33	55.98
187.30	11.33	187.82	13.92	188.34	57.11
187.31	11.34	187.83	14.34	188.35	58.25
187.32	11.36	187.84	14.78	188.36	59.40
187.33	11.37	187.85	15.25	188.37	60.56
187.34	11.39	187.86	15.74	188.38	61.73
187.35	11.40	187.87	16.25	188.39	62.91
187.36	11.42	187.88	16.78	188.40	64.10
187.37	11.43	187.89	17.34	188.41	65.29
187.38	11.45	187.90	17.91	188.42	66.50
187.39	11.47	187.91	18.50	188.43	67.71
187.40	11.48	187.92	19.11	188.44	68.93
187.41	11.50	187.93	19.74	188.45	70.16
187.42	11.51	187.94	20.39	188.46	71.40
187.43	11.53	187.95	21.05	188.47	72.65
187.44	11.54	187.96	21.73	188.48	73.91
187.45	11.56	187.97	22.42	188.49	75.17
187.46	11.57	187.98	23.14	188.50	76.45
187.47	11.59	187.99	23.86		
187.48	11.60	188.00	24.60		
187.49	11.62	188.01	25.36		
187.50	11.63	188.02	26.13		
187.51	11.65	188.03	26.91		
187.52	11.66	188.04	27.71		
187.53	11.68	188.05	28.52		
187.54	11.69	188.06	29.34		
187.55	11.71	188.07	30.18		
187.56	11.72	188.08	31.03		
187.57	11.74	188.09	31.89		
187.58	11.75	188.10	32.77		
187.59	11.77	188.11	33.65		
187.60	11.78	188.12	34.55		
187.61	11.80	188.13	35.46		
187.62	11.81	188.14	36.39		
187.63	11.83	188.15	37.32		
187.64	11.84	188.16	38.27		
187.65	11.85	188.17	39.22		
187.66	11.87	188.18	40.19		
187.67	11.88	188.19	41.17		

Stage-Area-Storage for Pond B-49: Basin #49

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.00	6,565	0	183.52	7,116	3,557
183.01	6,576	66	183.53	7,127	3,628
183.02	6,586	132	183.54	7,137	3,700
183.03	6,597	197	183.55	7,148	3,771
183.04	6,607	263	183.56	7,159	3,843
183.05	6,618	330	183.57	7,169	3,914
183.06	6,629	396	183.58	7,180	3,986
183.07	6,639	462	183.59	7,190	4,058
183.08	6,650	529	183.60	7,201	4,130
183.09	6,660	595	183.61	7,212	4,202
183.10	6,671	662	183.62	7,222	4,274
183.11	6,682	729	183.63	7,233	4,346
183.12	6,692	795	183.64	7,243	4,419
183.13	6,703	862	183.65	7,254	4,491
183.14	6,713	929	183.66	7,265	4,564
183.15	6,724	997	183.67	7,275	4,636
183.16	6,735	1,064	183.68	7,286	4,709
183.17	6,745	1,131	183.69	7,296	4,782
183.18	6,756	1,199	183.70	7,307	4,855
183.19	6,766	1,266	183.71	7,318	4,928
183.20	6,777	1,334	183.72	7,328	5,002
183.21	6,788	1,402	183.73	7,339	5,075
183.22	6,798	1,470	183.74	7,349	5,148
183.23	6,809	1,538	183.75	7,360	5,222
183.24	6,819	1,606	183.76	7,371	5,296
183.25	6,830	1,674	183.77	7,381	5,369
183.26	6,841	1,743	183.78	7,392	5,443
183.27	6,851	1,811	183.79	7,402	5,517
183.28	6,862	1,880	183.80	7,413	5,591
183.29	6,872	1,948	183.81	7,424	5,665
183.30	6,883	2,017	183.82	7,434	5,740
183.31	6,894	2,086	183.83	7,445	5,814
183.32	6,904	2,155	183.84	7,455	5,889
183.33	6,915	2,224	183.85	7,466	5,963
183.34	6,925	2,293	183.86	7,477	6,038
183.35	6,936	2,363	183.87	7,487	6,113
183.36	6,947	2,432	183.88	7,498	6,188
183.37	6,957	2,502	183.89	7,508	6,263
183.38	6,968	2,571	183.90	7,519	6,338
183.39	6,978	2,641	183.91	7,530	6,413
183.40	6,989	2,711	183.92	7,540	6,488
183.41	7,000	2,781	183.93	7,551	6,564
183.42	7,010	2,851	183.94	7,561	6,639
183.43	7,021	2,921	183.95	7,572	6,715
183.44	7,031	2,991	183.96	7,583	6,791
183.45	7,042	3,062	183.97	7,593	6,867
183.46	7,053	3,132	183.98	7,604	6,943
183.47	7,063	3,203	183.99	7,614	7,019
183.48	7,074	3,273	184.00	7,625	7,095
183.49	7,084	3,344	184.01	7,636	7,171
183.50	7,095	3,415	184.02	7,647	7,248
183.51	7,106	3,486	184.03	7,658	7,324

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.04	7,669	7,401	184.56	8,237	11,536
184.05	7,680	7,478	184.57	8,247	11,619
184.06	7,691	7,554	184.58	8,258	11,701
184.07	7,701	7,631	184.59	8,269	11,784
184.08	7,712	7,708	184.60	8,280	11,867
184.09	7,723	7,786	184.61	8,291	11,949
184.10	7,734	7,863	184.62	8,302	12,032
184.11	7,745	7,940	184.63	8,313	12,115
184.12	7,756	8,018	184.64	8,324	12,199
184.13	7,767	8,095	184.65	8,335	12,282
184.14	7,778	8,173	184.66	8,346	12,365
184.15	7,789	8,251	184.67	8,357	12,449
184.16	7,800	8,329	184.68	8,368	12,532
184.17	7,811	8,407	184.69	8,378	12,616
184.18	7,822	8,485	184.70	8,389	12,700
184.19	7,832	8,563	184.71	8,400	12,784
184.20	7,843	8,642	184.72	8,411	12,868
184.21	7,854	8,720	184.73	8,422	12,952
184.22	7,865	8,799	184.74	8,433	13,036
184.23	7,876	8,878	184.75	8,444	13,121
184.24	7,887	8,956	184.76	8,455	13,205
184.25	7,898	9,035	184.77	8,466	13,290
184.26	7,909	9,114	184.78	8,477	13,375
184.27	7,920	9,194	184.79	8,488	13,460
184.28	7,931	9,273	184.80	8,499	13,544
184.29	7,942	9,352	184.81	8,510	13,629
184.30	7,953	9,432	184.82	8,520	13,715
184.31	7,964	9,511	184.83	8,531	13,800
184.32	7,974	9,591	184.84	8,542	13,885
184.33	7,985	9,671	184.85	8,553	13,971
184.34	7,996	9,751	184.86	8,564	14,056
184.35	8,007	9,831	184.87	8,575	14,142
184.36	8,018	9,911	184.88	8,586	14,228
184.37	8,029	9,991	184.89	8,597	14,314
184.38	8,040	10,071	184.90	8,608	14,400
184.39	8,051	10,152	184.91	8,619	14,486
184.40	8,062	10,232	184.92	8,630	14,572
184.41	8,073	10,313	184.93	8,641	14,658
184.42	8,084	10,394	184.94	8,651	14,745
184.43	8,095	10,475	184.95	8,662	14,832
184.44	8,105	10,556	184.96	8,673	14,918
184.45	8,116	10,637	184.97	8,684	15,005
184.46	8,127	10,718	184.98	8,695	15,092
184.47	8,138	10,799	184.99	8,706	15,179
184.48	8,149	10,881	185.00	8,717	15,266
184.49	8,160	10,962	185.01	8,728	15,353
184.50	8,171	11,044	185.02	8,740	15,441
184.51	8,182	11,126	185.03	8,751	15,528
184.52	8,193	11,208	185.04	8,762	15,616
184.53	8,204	11,290	185.05	8,774	15,703
184.54	8,215	11,372	185.06	8,785	15,791
184.55	8,226	11,454	185.07	8,797	15,879

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.08	8,808	15,967	185.60	9,399	20,701
185.09	8,819	16,055	185.61	9,410	20,795
185.10	8,831	16,143	185.62	9,421	20,889
185.11	8,842	16,232	185.63	9,433	20,983
185.12	8,853	16,320	185.64	9,444	21,078
185.13	8,865	16,409	185.65	9,455	21,172
185.14	8,876	16,498	185.66	9,467	21,267
185.15	8,887	16,586	185.67	9,478	21,361
185.16	8,899	16,675	185.68	9,489	21,456
185.17	8,910	16,764	185.69	9,501	21,551
185.18	8,921	16,853	185.70	9,512	21,646
185.19	8,933	16,943	185.71	9,524	21,741
185.20	8,944	17,032	185.72	9,535	21,837
185.21	8,956	17,122	185.73	9,546	21,932
185.22	8,967	17,211	185.74	9,558	22,028
185.23	8,978	17,301	185.75	9,569	22,123
185.24	8,990	17,391	185.76	9,580	22,219
185.25	9,001	17,481	185.77	9,592	22,315
185.26	9,012	17,571	185.78	9,603	22,411
185.27	9,024	17,661	185.79	9,614	22,507
185.28	9,035	17,751	185.80	9,626	22,603
185.29	9,046	17,842	185.81	9,637	22,699
185.30	9,058	17,932	185.82	9,649	22,796
185.31	9,069	18,023	185.83	9,660	22,892
185.32	9,081	18,114	185.84	9,671	22,989
185.33	9,092	18,204	185.85	9,683	23,086
185.34	9,103	18,295	185.86	9,694	23,183
185.35	9,115	18,387	185.87	9,705	23,280
185.36	9,126	18,478	185.88	9,717	23,377
185.37	9,137	18,569	185.89	9,728	23,474
185.38	9,149	18,660	185.90	9,739	23,571
185.39	9,160	18,752	185.91	9,751	23,669
185.40	9,171	18,844	185.92	9,762	23,766
185.41	9,183	18,935	185.93	9,773	23,864
185.42	9,194	19,027	185.94	9,785	23,962
185.43	9,205	19,119	185.95	9,796	24,060
185.44	9,217	19,211	185.96	9,808	24,158
185.45	9,228	19,304	185.97	9,819	24,256
185.46	9,240	19,396	185.98	9,830	24,354
185.47	9,251	19,488	185.99	9,842	24,453
185.48	9,262	19,581	186.00	9,853	24,551
185.49	9,274	19,674	186.01	9,865	24,650
185.50	9,285	19,767	186.02	9,876	24,748
185.51	9,296	19,859	186.03	9,888	24,847
185.52	9,308	19,952	186.04	9,900	24,946
185.53	9,319	20,046	186.05	9,912	25,045
185.54	9,330	20,139	186.06	9,923	25,144
185.55	9,342	20,232	186.07	9,935	25,244
185.56	9,353	20,326	186.08	9,947	25,343
185.57	9,365	20,419	186.09	9,959	25,443
185.58	9,376	20,513	186.10	9,970	25,542
185.59	9,387	20,607	186.11	9,982	25,642

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.12	9,994	25,742	186.64	10,604	31,097
186.13	10,006	25,842	186.65	10,616	31,203
186.14	10,017	25,942	186.66	10,628	31,310
186.15	10,029	26,042	186.67	10,640	31,416
186.16	10,041	26,143	186.68	10,651	31,522
186.17	10,053	26,243	186.69	10,663	31,629
186.18	10,064	26,344	186.70	10,675	31,736
186.19	10,076	26,444	186.71	10,687	31,843
186.20	10,088	26,545	186.72	10,698	31,949
186.21	10,100	26,646	186.73	10,710	32,057
186.22	10,111	26,747	186.74	10,722	32,164
186.23	10,123	26,848	186.75	10,734	32,271
186.24	10,135	26,950	186.76	10,745	32,378
186.25	10,147	27,051	186.77	10,757	32,486
186.26	10,158	27,152	186.78	10,769	32,593
186.27	10,170	27,254	186.79	10,780	32,701
186.28	10,182	27,356	186.80	10,792	32,809
186.29	10,193	27,458	186.81	10,804	32,917
186.30	10,205	27,560	186.82	10,816	33,025
186.31	10,217	27,662	186.83	10,827	33,133
186.32	10,229	27,764	186.84	10,839	33,242
186.33	10,240	27,866	186.85	10,851	33,350
186.34	10,252	27,969	186.86	10,863	33,459
186.35	10,264	28,071	186.87	10,874	33,567
186.36	10,276	28,174	186.88	10,886	33,676
186.37	10,287	28,277	186.89	10,898	33,785
186.38	10,299	28,380	186.90	10,910	33,894
186.39	10,311	28,483	186.91	10,921	34,003
186.40	10,323	28,586	186.92	10,933	34,113
186.41	10,334	28,689	186.93	10,945	34,222
186.42	10,346	28,793	186.94	10,957	34,331
186.43	10,358	28,896	186.95	10,968	34,441
186.44	10,370	29,000	186.96	10,980	34,551
186.45	10,381	29,104	186.97	10,992	34,661
186.46	10,393	29,208	186.98	11,004	34,771
186.47	10,405	29,312	186.99	11,015	34,881
186.48	10,417	29,416	187.00	11,027	34,991
186.49	10,428	29,520	187.01	11,040	35,101
186.50	10,440	29,624	187.02	11,053	35,212
186.51	10,452	29,729	187.03	11,066	35,322
186.52	10,463	29,833	187.04	11,079	35,433
186.53	10,475	29,938	187.05	11,092	35,544
186.54	10,487	30,043	187.06	11,105	35,655
186.55	10,499	30,148	187.07	11,118	35,766
186.56	10,510	30,253	187.08	11,131	35,877
186.57	10,522	30,358	187.09	11,145	35,989
186.58	10,534	30,463	187.10	11,158	36,100
186.59	10,546	30,569	187.11	11,171	36,212
186.60	10,557	30,674	187.12	11,184	36,324
186.61	10,569	30,780	187.13	11,197	36,436
186.62	10,581	30,886	187.14	11,210	36,548
186.63	10,593	30,991	187.15	11,223	36,660

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.16	11,236	36,772	187.68	11,915	42,791
187.17	11,249	36,884	187.69	11,928	42,911
187.18	11,262	36,997	187.70	11,941	43,030
187.19	11,275	37,110	187.71	11,954	43,149
187.20	11,288	37,223	187.72	11,967	43,269
187.21	11,301	37,335	187.73	11,980	43,389
187.22	11,314	37,449	187.74	11,993	43,509
187.23	11,327	37,562	187.75	12,007	43,629
187.24	11,340	37,675	187.76	12,020	43,749
187.25	11,354	37,789	187.77	12,033	43,869
187.26	11,367	37,902	187.78	12,046	43,989
187.27	11,380	38,016	187.79	12,059	44,110
187.28	11,393	38,130	187.80	12,072	44,231
187.29	11,406	38,244	187.81	12,085	44,351
187.30	11,419	38,358	187.82	12,098	44,472
187.31	11,432	38,472	187.83	12,111	44,593
187.32	11,445	38,587	187.84	12,124	44,714
187.33	11,458	38,701	187.85	12,137	44,836
187.34	11,471	38,816	187.86	12,150	44,957
187.35	11,484	38,930	187.87	12,163	45,079
187.36	11,497	39,045	187.88	12,176	45,200
187.37	11,510	39,160	187.89	12,189	45,322
187.38	11,523	39,276	187.90	12,202	45,444
187.39	11,536	39,391	187.91	12,215	45,566
187.40	11,549	39,506	187.92	12,229	45,689
187.41	11,562	39,622	187.93	12,242	45,811
187.42	11,576	39,738	187.94	12,255	45,933
187.43	11,589	39,853	187.95	12,268	46,056
187.44	11,602	39,969	187.96	12,281	46,179
187.45	11,615	40,085	187.97	12,294	46,302
187.46	11,628	40,202	187.98	12,307	46,425
187.47	11,641	40,318	187.99	12,320	46,548
187.48	11,654	40,434	188.00	12,333	46,671
187.49	11,667	40,551	188.01	12,345	46,794
187.50	11,680	40,668	188.02	12,358	46,918
187.51	11,693	40,785	188.03	12,370	47,042
187.52	11,706	40,902	188.04	12,383	47,165
187.53	11,719	41,019	188.05	12,395	47,289
187.54	11,732	41,136	188.06	12,408	47,413
187.55	11,745	41,253	188.07	12,420	47,537
187.56	11,758	41,371	188.08	12,433	47,662
187.57	11,771	41,489	188.09	12,445	47,786
187.58	11,784	41,606	188.10	12,458	47,911
187.59	11,798	41,724	188.11	12,470	48,035
187.60	11,811	41,842	188.12	12,483	48,160
187.61	11,824	41,960	188.13	12,495	48,285
187.62	11,837	42,079	188.14	12,507	48,410
187.63	11,850	42,197	188.15	12,520	48,535
187.64	11,863	42,316	188.16	12,532	48,660
187.65	11,876	42,434	188.17	12,545	48,786
187.66	11,889	42,553	188.18	12,557	48,911
187.67	11,902	42,672	188.19	12,570	49,037

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.20	12,582	49,163
188.21	12,595	49,288
188.22	12,607	49,414
188.23	12,620	49,541
188.24	12,632	49,667
188.25	12,645	49,793
188.26	12,657	49,920
188.27	12,669	50,046
188.28	12,682	50,173
188.29	12,694	50,300
188.30	12,707	50,427
188.31	12,719	50,554
188.32	12,732	50,681
188.33	12,744	50,809
188.34	12,757	50,936
188.35	12,769	51,064
188.36	12,782	51,192
188.37	12,794	51,319
188.38	12,806	51,448
188.39	12,819	51,576
188.40	12,831	51,704
188.41	12,844	51,832
188.42	12,856	51,961
188.43	12,869	52,089
188.44	12,881	52,218
188.45	12,894	52,347
188.46	12,906	52,476
188.47	12,919	52,605
188.48	12,931	52,734
188.49	12,944	52,864
188.50	12,956	52,993

Summary for Pond B-50: Basin #50

Inflow Area = 2.262 ac, 29.27% Impervious, Inflow Depth = 1.72" for Current 2 yr event
 Inflow = 4.55 cfs @ 12.10 hrs, Volume= 0.324 af
 Outflow = 0.13 cfs @ 16.42 hrs, Volume= 0.224 af, Atten= 97%, Lag= 259.1 min
 Primary = 0.13 cfs @ 16.42 hrs, Volume= 0.224 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 185.04' @ 16.42 hrs Surf.Area= 10,164 sf Storage= 9,880 cf

Plug-Flow detention time= 730.9 min calculated for 0.224 af (69% of inflow)
 Center-of-Mass det. time= 624.0 min (1,428.8 - 804.8)

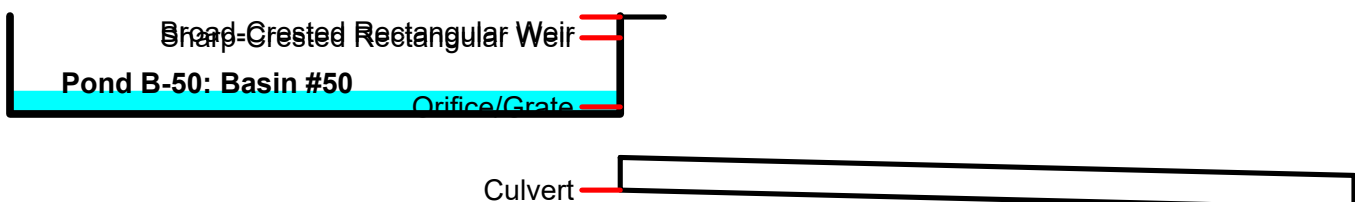
Volume	Invert	Avail.Storage	Storage Description
#1	184.00'	53,209 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
184.00	8,805	0	0
185.00	10,108	9,457	9,457
186.00	11,448	10,778	20,235
187.00	12,826	12,137	32,372
188.00	14,244	13,535	45,907
188.50	14,966	7,303	53,209

Device	Routing	Invert	Outlet Devices
#1	Primary	180.50'	18.0" Round Culvert L= 83.0' Ke= 0.500 Inlet / Outlet Invert= 180.50' / 179.67' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	184.32'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	188.45'	30.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

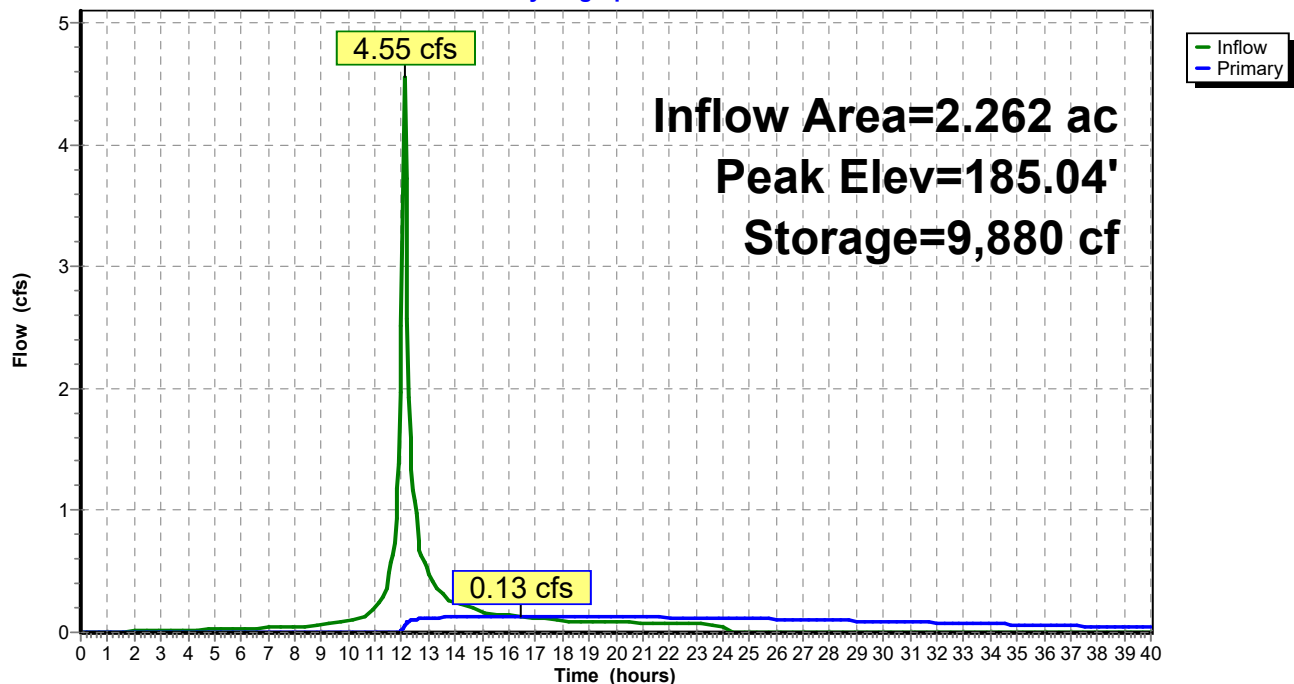
Primary OutFlow Max=0.13 cfs @ 16.42 hrs HW=185.04' (Free Discharge)

1=Culvert (Passes 0.13 cfs of 16.06 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 3.78 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-50: Basin #50

Hydrograph



Hydrograph for Pond B-50: Basin #50

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	184.00	0.00
0.10	0.00	0	184.00	0.00
0.20	0.00	0	184.00	0.00
0.30	0.00	0	184.00	0.00
0.40	0.00	0	184.00	0.00
0.50	0.00	0	184.00	0.00
0.60	0.00	0	184.00	0.00
0.70	0.00	0	184.00	0.00
0.80	0.00	0	184.00	0.00
0.90	0.00	0	184.00	0.00
1.00	0.00	0	184.00	0.00
1.10	0.00	0	184.00	0.00
1.20	0.00	0	184.00	0.00
1.30	0.00	0	184.00	0.00
1.40	0.00	1	184.00	0.00
1.50	0.00	2	184.00	0.00
1.60	0.00	3	184.00	0.00
1.70	0.00	5	184.00	0.00
1.80	0.01	7	184.00	0.00
1.90	0.01	9	184.00	0.00
2.00	0.01	11	184.00	0.00
2.10	0.01	14	184.00	0.00
2.20	0.01	17	184.00	0.00
2.30	0.01	20	184.00	0.00
2.40	0.01	23	184.00	0.00
2.50	0.01	27	184.00	0.00
2.60	0.01	31	184.00	0.00
2.70	0.01	35	184.00	0.00
2.80	0.01	40	184.00	0.00
2.90	0.01	44	184.01	0.00
3.00	0.01	49	184.01	0.00
3.10	0.01	54	184.01	0.00
3.20	0.01	59	184.01	0.00
3.30	0.02	65	184.01	0.00
3.40	0.02	70	184.01	0.00
3.50	0.02	76	184.01	0.00
3.60	0.02	82	184.01	0.00
3.70	0.02	89	184.01	0.00
3.80	0.02	95	184.01	0.00
3.90	0.02	102	184.01	0.00
4.00	0.02	108	184.01	0.00
4.10	0.02	115	184.01	0.00
4.20	0.02	123	184.01	0.00
4.30	0.02	130	184.01	0.00
4.40	0.02	137	184.02	0.00
4.50	0.02	145	184.02	0.00
4.60	0.02	153	184.02	0.00
4.70	0.02	161	184.02	0.00
4.80	0.02	169	184.02	0.00
4.90	0.02	177	184.02	0.00
5.00	0.02	186	184.02	0.00
5.10	0.02	195	184.02	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.02	203	184.02	0.00
5.30	0.02	212	184.02	0.00
5.40	0.03	221	184.03	0.00
5.50	0.03	230	184.03	0.00
5.60	0.03	240	184.03	0.00
5.70	0.03	249	184.03	0.00
5.80	0.03	259	184.03	0.00
5.90	0.03	269	184.03	0.00
6.00	0.03	279	184.03	0.00
6.10	0.03	289	184.03	0.00
6.20	0.03	299	184.03	0.00
6.30	0.03	310	184.04	0.00
6.40	0.03	321	184.04	0.00
6.50	0.03	333	184.04	0.00
6.60	0.03	345	184.04	0.00
6.70	0.03	357	184.04	0.00
6.80	0.03	369	184.04	0.00
6.90	0.04	382	184.04	0.00
7.00	0.04	395	184.04	0.00
7.10	0.04	409	184.05	0.00
7.20	0.04	423	184.05	0.00
7.30	0.04	437	184.05	0.00
7.40	0.04	452	184.05	0.00
7.50	0.04	466	184.05	0.00
7.60	0.04	482	184.05	0.00
7.70	0.04	497	184.06	0.00
7.80	0.04	513	184.06	0.00
7.90	0.05	530	184.06	0.00
8.00	0.05	546	184.06	0.00
8.10	0.05	563	184.06	0.00
8.20	0.05	581	184.07	0.00
8.30	0.05	598	184.07	0.00
8.40	0.05	616	184.07	0.00
8.50	0.05	635	184.07	0.00
8.60	0.05	654	184.07	0.00
8.70	0.05	673	184.08	0.00
8.80	0.05	692	184.08	0.00
8.90	0.06	712	184.08	0.00
9.00	0.06	732	184.08	0.00
9.10	0.06	753	184.08	0.00
9.20	0.06	775	184.09	0.00
9.30	0.07	799	184.09	0.00
9.40	0.07	823	184.09	0.00
9.50	0.07	849	184.10	0.00
9.60	0.08	876	184.10	0.00
9.70	0.08	904	184.10	0.00
9.80	0.08	933	184.11	0.00
9.90	0.09	963	184.11	0.00
10.00	0.09	995	184.11	0.00
10.10	0.09	1,028	184.12	0.00
10.20	0.10	1,062	184.12	0.00
10.30	0.10	1,098	184.12	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.10	1,134	184.13	0.00
10.50	0.11	1,172	184.13	0.00
10.60	0.12	1,213	184.14	0.00
10.70	0.13	1,258	184.14	0.00
10.80	0.15	1,310	184.15	0.00
10.90	0.17	1,367	184.15	0.00
11.00	0.19	1,431	184.16	0.00
11.10	0.22	1,505	184.17	0.00
11.20	0.25	1,591	184.18	0.00
11.30	0.29	1,690	184.19	0.00
11.40	0.33	1,802	184.20	0.00
11.50	0.37	1,930	184.22	0.00
11.60	0.58	2,104	184.23	0.00
11.70	0.66	2,328	184.26	0.00
11.80	0.94	2,619	184.29	0.00
11.90	1.38	3,039	184.34	0.00
12.00	2.51	3,742	184.41	0.02
12.10	4.55	5,012	184.55	0.06
12.20	2.57	6,297	184.68	0.08
12.30	1.59	6,986	184.75	0.09
12.40	1.16	7,440	184.80	0.10
12.50	1.04	7,795	184.83	0.11
12.60	0.75	8,080	184.86	0.11
12.70	0.65	8,289	184.88	0.11
12.80	0.59	8,472	184.90	0.11
12.90	0.54	8,635	184.92	0.12
13.00	0.49	8,778	184.93	0.12
13.10	0.43	8,901	184.94	0.12
13.20	0.40	9,008	184.96	0.12
13.30	0.37	9,103	184.96	0.12
13.40	0.34	9,187	184.97	0.12
13.50	0.31	9,260	184.98	0.12
13.60	0.28	9,322	184.99	0.12
13.70	0.27	9,376	184.99	0.12
13.80	0.26	9,427	185.00	0.12
13.90	0.25	9,474	185.00	0.12
14.00	0.24	9,519	185.01	0.13
14.10	0.24	9,560	185.01	0.13
14.20	0.23	9,599	185.01	0.13
14.30	0.22	9,635	185.02	0.13
14.40	0.21	9,667	185.02	0.13
14.50	0.21	9,697	185.02	0.13
14.60	0.20	9,724	185.03	0.13
14.70	0.19	9,748	185.03	0.13
14.80	0.18	9,769	185.03	0.13
14.90	0.17	9,787	185.03	0.13
15.00	0.17	9,802	185.03	0.13
15.10	0.16	9,814	185.04	0.13
15.20	0.15	9,824	185.04	0.13
15.30	0.15	9,833	185.04	0.13
15.40	0.15	9,841	185.04	0.13
15.50	0.15	9,848	185.04	0.13

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.15	9,855	185.04	0.13
15.70	0.14	9,861	185.04	0.13
15.80	0.14	9,866	185.04	0.13
15.90	0.14	9,870	185.04	0.13
16.00	0.14	9,874	185.04	0.13
16.10	0.14	9,877	185.04	0.13
16.20	0.13	9,879	185.04	0.13
16.30	0.13	9,880	185.04	0.13
16.40	0.13	9,881	185.04	0.13
16.50	0.13	9,880	185.04	0.13
16.60	0.13	9,879	185.04	0.13
16.70	0.12	9,878	185.04	0.13
16.80	0.12	9,875	185.04	0.13
16.90	0.12	9,872	185.04	0.13
17.00	0.12	9,868	185.04	0.13
17.10	0.11	9,863	185.04	0.13
17.20	0.11	9,857	185.04	0.13
17.30	0.11	9,851	185.04	0.13
17.40	0.11	9,844	185.04	0.13
17.50	0.11	9,836	185.04	0.13
17.60	0.10	9,828	185.04	0.13
17.70	0.10	9,818	185.04	0.13
17.80	0.10	9,808	185.03	0.13
17.90	0.10	9,797	185.03	0.13
18.00	0.09	9,786	185.03	0.13
18.10	0.09	9,773	185.03	0.13
18.20	0.09	9,760	185.03	0.13
18.30	0.09	9,747	185.03	0.13
18.40	0.09	9,734	185.03	0.13
18.50	0.09	9,721	185.03	0.13
18.60	0.09	9,707	185.02	0.13
18.70	0.09	9,694	185.02	0.13
18.80	0.09	9,680	185.02	0.13
18.90	0.09	9,666	185.02	0.13
19.00	0.09	9,652	185.02	0.13
19.10	0.09	9,638	185.02	0.13
19.20	0.09	9,624	185.02	0.13
19.30	0.09	9,609	185.02	0.13
19.40	0.09	9,595	185.01	0.13
19.50	0.08	9,580	185.01	0.13
19.60	0.08	9,565	185.01	0.13
19.70	0.08	9,550	185.01	0.13
19.80	0.08	9,535	185.01	0.13
19.90	0.08	9,520	185.01	0.13
20.00	0.08	9,504	185.00	0.13
20.10	0.08	9,489	185.00	0.12
20.20	0.08	9,473	185.00	0.12
20.30	0.08	9,457	185.00	0.12
20.40	0.08	9,442	185.00	0.12
20.50	0.08	9,426	185.00	0.12
20.60	0.08	9,409	185.00	0.12
20.70	0.08	9,393	184.99	0.12

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.08	9,377	184.99	0.12
20.90	0.08	9,360	184.99	0.12
21.00	0.08	9,343	184.99	0.12
21.10	0.08	9,327	184.99	0.12
21.20	0.08	9,310	184.99	0.12
21.30	0.08	9,293	184.98	0.12
21.40	0.07	9,276	184.98	0.12
21.50	0.07	9,258	184.98	0.12
21.60	0.07	9,241	184.98	0.12
21.70	0.07	9,223	184.98	0.12
21.80	0.07	9,205	184.98	0.12
21.90	0.07	9,188	184.97	0.12
22.00	0.07	9,170	184.97	0.12
22.10	0.07	9,152	184.97	0.12
22.20	0.07	9,133	184.97	0.12
22.30	0.07	9,115	184.97	0.12
22.40	0.07	9,097	184.96	0.12
22.50	0.07	9,078	184.96	0.12
22.60	0.07	9,059	184.96	0.12
22.70	0.07	9,041	184.96	0.12
22.80	0.07	9,022	184.96	0.12
22.90	0.07	9,003	184.95	0.12
23.00	0.07	8,983	184.95	0.12
23.10	0.07	8,964	184.95	0.12
23.20	0.06	8,945	184.95	0.12
23.30	0.06	8,925	184.95	0.12
23.40	0.06	8,905	184.95	0.12
23.50	0.06	8,886	184.94	0.12
23.60	0.06	8,866	184.94	0.12
23.70	0.06	8,845	184.94	0.12
23.80	0.06	8,825	184.94	0.12
23.90	0.06	8,805	184.94	0.12
24.00	0.07	8,787	184.93	0.12
24.10	0.02	8,761	184.93	0.12
24.20	0.00	8,722	184.93	0.12
24.30	0.00	8,680	184.92	0.12
24.40	0.00	8,639	184.92	0.12
24.50	0.00	8,597	184.91	0.11
24.60	0.00	8,556	184.91	0.11
24.70	0.00	8,515	184.91	0.11
24.80	0.00	8,474	184.90	0.11
24.90	0.00	8,433	184.90	0.11
25.00	0.00	8,392	184.89	0.11
25.10	0.00	8,352	184.89	0.11
25.20	0.00	8,312	184.89	0.11
25.30	0.00	8,272	184.88	0.11
25.40	0.00	8,232	184.88	0.11
25.50	0.00	8,192	184.87	0.11
25.60	0.00	8,153	184.87	0.11
25.70	0.00	8,113	184.87	0.11
25.80	0.00	8,074	184.86	0.11
25.90	0.00	8,035	184.86	0.11

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	7,996	184.85	0.11
26.10	0.00	7,958	184.85	0.11
26.20	0.00	7,919	184.85	0.11
26.30	0.00	7,881	184.84	0.11
26.40	0.00	7,843	184.84	0.11
26.50	0.00	7,805	184.83	0.11
26.60	0.00	7,767	184.83	0.10
26.70	0.00	7,729	184.83	0.10
26.80	0.00	7,692	184.82	0.10
26.90	0.00	7,655	184.82	0.10
27.00	0.00	7,618	184.82	0.10
27.10	0.00	7,581	184.81	0.10
27.20	0.00	7,544	184.81	0.10
27.30	0.00	7,508	184.80	0.10
27.40	0.00	7,471	184.80	0.10
27.50	0.00	7,435	184.80	0.10
27.60	0.00	7,399	184.79	0.10
27.70	0.00	7,363	184.79	0.10
27.80	0.00	7,328	184.79	0.10
27.90	0.00	7,292	184.78	0.10
28.00	0.00	7,257	184.78	0.10
28.10	0.00	7,222	184.78	0.10
28.20	0.00	7,187	184.77	0.10
28.30	0.00	7,152	184.77	0.10
28.40	0.00	7,118	184.77	0.10
28.50	0.00	7,083	184.76	0.10
28.60	0.00	7,049	184.76	0.09
28.70	0.00	7,015	184.75	0.09
28.80	0.00	6,981	184.75	0.09
28.90	0.00	6,947	184.75	0.09
29.00	0.00	6,914	184.74	0.09
29.10	0.00	6,881	184.74	0.09
29.20	0.00	6,847	184.74	0.09
29.30	0.00	6,814	184.73	0.09
29.40	0.00	6,782	184.73	0.09
29.50	0.00	6,749	184.73	0.09
29.60	0.00	6,717	184.72	0.09
29.70	0.00	6,684	184.72	0.09
29.80	0.00	6,652	184.72	0.09
29.90	0.00	6,620	184.71	0.09
30.00	0.00	6,589	184.71	0.09
30.10	0.00	6,557	184.71	0.09
30.20	0.00	6,526	184.70	0.09
30.30	0.00	6,495	184.70	0.09
30.40	0.00	6,464	184.70	0.09
30.50	0.00	6,433	184.69	0.09
30.60	0.00	6,402	184.69	0.08
30.70	0.00	6,372	184.69	0.08
30.80	0.00	6,341	184.69	0.08
30.90	0.00	6,311	184.68	0.08
31.00	0.00	6,281	184.68	0.08
31.10	0.00	6,252	184.68	0.08

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	6,222	184.67	0.08
31.30	0.00	6,193	184.67	0.08
31.40	0.00	6,164	184.67	0.08
31.50	0.00	6,135	184.66	0.08
31.60	0.00	6,106	184.66	0.08
31.70	0.00	6,077	184.66	0.08
31.80	0.00	6,049	184.66	0.08
31.90	0.00	6,020	184.65	0.08
32.00	0.00	5,992	184.65	0.08
32.10	0.00	5,964	184.65	0.08
32.20	0.00	5,937	184.64	0.08
32.30	0.00	5,909	184.64	0.08
32.40	0.00	5,882	184.64	0.08
32.50	0.00	5,854	184.64	0.08
32.60	0.00	5,827	184.63	0.07
32.70	0.00	5,801	184.63	0.07
32.80	0.00	5,774	184.63	0.07
32.90	0.00	5,747	184.62	0.07
33.00	0.00	5,721	184.62	0.07
33.10	0.00	5,695	184.62	0.07
33.20	0.00	5,669	184.62	0.07
33.30	0.00	5,643	184.61	0.07
33.40	0.00	5,618	184.61	0.07
33.50	0.00	5,592	184.61	0.07
33.60	0.00	5,567	184.61	0.07
33.70	0.00	5,542	184.60	0.07
33.80	0.00	5,517	184.60	0.07
33.90	0.00	5,493	184.60	0.07
34.00	0.00	5,468	184.59	0.07
34.10	0.00	5,444	184.59	0.07
34.20	0.00	5,420	184.59	0.07
34.30	0.00	5,396	184.59	0.07
34.40	0.00	5,372	184.58	0.07
34.50	0.00	5,349	184.58	0.07
34.60	0.00	5,325	184.58	0.06
34.70	0.00	5,302	184.58	0.06
34.80	0.00	5,279	184.58	0.06
34.90	0.00	5,256	184.57	0.06
35.00	0.00	5,234	184.57	0.06
35.10	0.00	5,211	184.57	0.06
35.20	0.00	5,189	184.57	0.06
35.30	0.00	5,167	184.56	0.06
35.40	0.00	5,145	184.56	0.06
35.50	0.00	5,123	184.56	0.06
35.60	0.00	5,102	184.56	0.06
35.70	0.00	5,080	184.55	0.06
35.80	0.00	5,059	184.55	0.06
35.90	0.00	5,038	184.55	0.06
36.00	0.00	5,018	184.55	0.06
36.10	0.00	4,997	184.55	0.06
36.20	0.00	4,976	184.54	0.06
36.30	0.00	4,956	184.54	0.06

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	4,936	184.54	0.06
36.50	0.00	4,916	184.54	0.06
36.60	0.00	4,896	184.53	0.05
36.70	0.00	4,877	184.53	0.05
36.80	0.00	4,858	184.53	0.05
36.90	0.00	4,838	184.53	0.05
37.00	0.00	4,820	184.53	0.05
37.10	0.00	4,801	184.52	0.05
37.20	0.00	4,782	184.52	0.05
37.30	0.00	4,764	184.52	0.05
37.40	0.00	4,746	184.52	0.05
37.50	0.00	4,728	184.52	0.05
37.60	0.00	4,710	184.52	0.05
37.70	0.00	4,693	184.51	0.05
37.80	0.00	4,675	184.51	0.05
37.90	0.00	4,658	184.51	0.05
38.00	0.00	4,641	184.51	0.05
38.10	0.00	4,624	184.51	0.05
38.20	0.00	4,607	184.50	0.05
38.30	0.00	4,591	184.50	0.05
38.40	0.00	4,575	184.50	0.05
38.50	0.00	4,558	184.50	0.04
38.60	0.00	4,542	184.50	0.04
38.70	0.00	4,526	184.50	0.04
38.80	0.00	4,511	184.49	0.04
38.90	0.00	4,495	184.49	0.04
39.00	0.00	4,480	184.49	0.04
39.10	0.00	4,465	184.49	0.04
39.20	0.00	4,450	184.49	0.04
39.30	0.00	4,436	184.49	0.04
39.40	0.00	4,421	184.48	0.04
39.50	0.00	4,407	184.48	0.04
39.60	0.00	4,393	184.48	0.04
39.70	0.00	4,379	184.48	0.04
39.80	0.00	4,365	184.48	0.04
39.90	0.00	4,352	184.48	0.04
40.00	0.00	4,338	184.48	0.04

Stage-Discharge for Pond B-50: Basin #50

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.00	0.00	184.52	0.05	185.04	0.13	185.56	0.17
184.01	0.00	184.53	0.05	185.05	0.13	185.57	0.18
184.02	0.00	184.54	0.06	185.06	0.13	185.58	0.18
184.03	0.00	184.55	0.06	185.07	0.13	185.59	0.18
184.04	0.00	184.56	0.06	185.08	0.13	185.60	0.18
184.05	0.00	184.57	0.06	185.09	0.13	185.61	0.18
184.06	0.00	184.58	0.06	185.10	0.13	185.62	0.18
184.07	0.00	184.59	0.07	185.11	0.14	185.63	0.18
184.08	0.00	184.60	0.07	185.12	0.14	185.64	0.18
184.09	0.00	184.61	0.07	185.13	0.14	185.65	0.18
184.10	0.00	184.62	0.07	185.14	0.14	185.66	0.18
184.11	0.00	184.63	0.07	185.15	0.14	185.67	0.18
184.12	0.00	184.64	0.08	185.16	0.14	185.68	0.18
184.13	0.00	184.65	0.08	185.17	0.14	185.69	0.18
184.14	0.00	184.66	0.08	185.18	0.14	185.70	0.19
184.15	0.00	184.67	0.08	185.19	0.14	185.71	0.19
184.16	0.00	184.68	0.08	185.20	0.14	185.72	0.19
184.17	0.00	184.69	0.08	185.21	0.15	185.73	0.19
184.18	0.00	184.70	0.09	185.22	0.15	185.74	0.19
184.19	0.00	184.71	0.09	185.23	0.15	185.75	0.19
184.20	0.00	184.72	0.09	185.24	0.15	185.76	0.19
184.21	0.00	184.73	0.09	185.25	0.15	185.77	0.19
184.22	0.00	184.74	0.09	185.26	0.15	185.78	0.19
184.23	0.00	184.75	0.09	185.27	0.15	185.79	0.19
184.24	0.00	184.76	0.10	185.28	0.15	185.80	0.19
184.25	0.00	184.77	0.10	185.29	0.15	185.81	0.19
184.26	0.00	184.78	0.10	185.30	0.15	185.82	0.19
184.27	0.00	184.79	0.10	185.31	0.15	185.83	0.19
184.28	0.00	184.80	0.10	185.32	0.16	185.84	0.20
184.29	0.00	184.81	0.10	185.33	0.16	185.85	0.20
184.30	0.00	184.82	0.10	185.34	0.16	185.86	0.20
184.31	0.00	184.83	0.10	185.35	0.16	185.87	0.20
184.32	0.00	184.84	0.11	185.36	0.16	185.88	0.20
184.33	0.00	184.85	0.11	185.37	0.16	185.89	0.20
184.34	0.00	184.86	0.11	185.38	0.16	185.90	0.20
184.35	0.00	184.87	0.11	185.39	0.16	185.91	0.20
184.36	0.00	184.88	0.11	185.40	0.16	185.92	0.20
184.37	0.00	184.89	0.11	185.41	0.16	185.93	0.20
184.38	0.01	184.90	0.11	185.42	0.16	185.94	0.20
184.39	0.01	184.91	0.11	185.43	0.16	185.95	0.20
184.40	0.01	184.92	0.12	185.44	0.17	185.96	0.20
184.41	0.01	184.93	0.12	185.45	0.17	185.97	0.20
184.42	0.02	184.94	0.12	185.46	0.17	185.98	0.20
184.43	0.02	184.95	0.12	185.47	0.17	185.99	0.21
184.44	0.02	184.96	0.12	185.48	0.17	186.00	0.21
184.45	0.03	184.97	0.12	185.49	0.17	186.01	0.21
184.46	0.03	184.98	0.12	185.50	0.17	186.02	0.21
184.47	0.03	184.99	0.12	185.51	0.17	186.03	0.21
184.48	0.04	185.00	0.12	185.52	0.17	186.04	0.21
184.49	0.04	185.01	0.13	185.53	0.17	186.05	0.21
184.50	0.05	185.02	0.13	185.54	0.17	186.06	0.21
184.51	0.05	185.03	0.13	185.55	0.17	186.07	0.21

Stage-Discharge for Pond B-50: Basin #50 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.08	0.21	186.60	0.24	187.12	0.27	187.64	0.97
186.09	0.21	186.61	0.24	187.13	0.27	187.65	1.05
186.10	0.21	186.62	0.24	187.14	0.27	187.66	1.13
186.11	0.21	186.63	0.24	187.15	0.27	187.67	1.20
186.12	0.21	186.64	0.24	187.16	0.27	187.68	1.29
186.13	0.21	186.65	0.24	187.17	0.27	187.69	1.37
186.14	0.22	186.66	0.25	187.18	0.27	187.70	1.46
186.15	0.22	186.67	0.25	187.19	0.27	187.71	1.54
186.16	0.22	186.68	0.25	187.20	0.27	187.72	1.63
186.17	0.22	186.69	0.25	187.21	0.27	187.73	1.72
186.18	0.22	186.70	0.25	187.22	0.27	187.74	1.82
186.19	0.22	186.71	0.25	187.23	0.27	187.75	1.91
186.20	0.22	186.72	0.25	187.24	0.28	187.76	2.01
186.21	0.22	186.73	0.25	187.25	0.28	187.77	2.11
186.22	0.22	186.74	0.25	187.26	0.28	187.78	2.21
186.23	0.22	186.75	0.25	187.27	0.28	187.79	2.31
186.24	0.22	186.76	0.25	187.28	0.28	187.80	2.42
186.25	0.22	186.77	0.25	187.29	0.28	187.81	2.52
186.26	0.22	186.78	0.25	187.30	0.28	187.82	2.63
186.27	0.22	186.79	0.25	187.31	0.28	187.83	2.74
186.28	0.22	186.80	0.25	187.32	0.28	187.84	2.85
186.29	0.22	186.81	0.25	187.33	0.28	187.85	2.96
186.30	0.22	186.82	0.25	187.34	0.28	187.86	3.08
186.31	0.23	186.83	0.25	187.35	0.28	187.87	3.19
186.32	0.23	186.84	0.26	187.36	0.28	187.88	3.31
186.33	0.23	186.85	0.26	187.37	0.28	187.89	3.43
186.34	0.23	186.86	0.26	187.38	0.28	187.90	3.55
186.35	0.23	186.87	0.26	187.39	0.28	187.91	3.67
186.36	0.23	186.88	0.26	187.40	0.28	187.92	3.79
186.37	0.23	186.89	0.26	187.41	0.28	187.93	3.92
186.38	0.23	186.90	0.26	187.42	0.28	187.94	4.04
186.39	0.23	186.91	0.26	187.43	0.28	187.95	4.17
186.40	0.23	186.92	0.26	187.44	0.29	187.96	4.30
186.41	0.23	186.93	0.26	187.45	0.29	187.97	4.42
186.42	0.23	186.94	0.26	187.46	0.29	187.98	4.55
186.43	0.23	186.95	0.26	187.47	0.29	187.99	4.69
186.44	0.23	186.96	0.26	187.48	0.29	188.00	4.82
186.45	0.23	186.97	0.26	187.49	0.29	188.01	4.95
186.46	0.23	186.98	0.26	187.50	0.29	188.02	5.09
186.47	0.23	186.99	0.26	187.51	0.30	188.03	5.22
186.48	0.24	187.00	0.26	187.52	0.33	188.04	5.36
186.49	0.24	187.01	0.26	187.53	0.36	188.05	5.50
186.50	0.24	187.02	0.26	187.54	0.39	188.06	5.64
186.51	0.24	187.03	0.26	187.55	0.44	188.07	5.78
186.52	0.24	187.04	0.27	187.56	0.48	188.08	5.92
186.53	0.24	187.05	0.27	187.57	0.53	188.09	6.07
186.54	0.24	187.06	0.27	187.58	0.59	188.10	6.21
186.55	0.24	187.07	0.27	187.59	0.64	188.11	6.36
186.56	0.24	187.08	0.27	187.60	0.70	188.12	6.50
186.57	0.24	187.09	0.27	187.61	0.77	188.13	6.65
186.58	0.24	187.10	0.27	187.62	0.83	188.14	6.80
186.59	0.24	187.11	0.27	187.63	0.90	188.15	6.95

Stage-Discharge for Pond B-50: Basin #50 (continued)

Elevation (feet)	Primary (cfs)
188.16	7.10
188.17	7.25
188.18	7.40
188.19	7.56
188.20	7.71
188.21	7.87
188.22	8.02
188.23	8.18
188.24	8.34
188.25	8.50
188.26	8.66
188.27	8.82
188.28	8.98
188.29	9.14
188.30	9.31
188.31	9.47
188.32	9.64
188.33	9.80
188.34	9.97
188.35	10.14
188.36	10.31
188.37	10.48
188.38	10.65
188.39	10.82
188.40	10.99
188.41	11.17
188.42	11.34
188.43	11.51
188.44	11.69
188.45	11.87
188.46	12.11
188.47	12.42
188.48	12.76
188.49	13.14
188.50	13.55

Stage-Area-Storage for Pond B-50: Basin #50

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.00	8,805	0	184.52	9,483	4,755
184.01	8,818	88	184.53	9,496	4,850
184.02	8,831	176	184.54	9,509	4,945
184.03	8,844	265	184.55	9,522	5,040
184.04	8,857	353	184.56	9,535	5,135
184.05	8,870	442	184.57	9,548	5,231
184.06	8,883	531	184.58	9,561	5,326
184.07	8,896	620	184.59	9,574	5,422
184.08	8,909	709	184.60	9,587	5,518
184.09	8,922	798	184.61	9,600	5,613
184.10	8,935	887	184.62	9,613	5,710
184.11	8,948	976	184.63	9,626	5,806
184.12	8,961	1,066	184.64	9,639	5,902
184.13	8,974	1,156	184.65	9,652	5,999
184.14	8,987	1,245	184.66	9,665	6,095
184.15	9,000	1,335	184.67	9,678	6,192
184.16	9,013	1,425	184.68	9,691	6,289
184.17	9,027	1,516	184.69	9,704	6,386
184.18	9,040	1,606	184.70	9,717	6,483
184.19	9,053	1,696	184.71	9,730	6,580
184.20	9,066	1,787	184.72	9,743	6,677
184.21	9,079	1,878	184.73	9,756	6,775
184.22	9,092	1,969	184.74	9,769	6,872
184.23	9,105	2,060	184.75	9,782	6,970
184.24	9,118	2,151	184.76	9,795	7,068
184.25	9,131	2,242	184.77	9,808	7,166
184.26	9,144	2,333	184.78	9,821	7,264
184.27	9,157	2,425	184.79	9,834	7,363
184.28	9,170	2,516	184.80	9,847	7,461
184.29	9,183	2,608	184.81	9,860	7,559
184.30	9,196	2,700	184.82	9,873	7,658
184.31	9,209	2,792	184.83	9,886	7,757
184.32	9,222	2,884	184.84	9,900	7,856
184.33	9,235	2,977	184.85	9,913	7,955
184.34	9,248	3,069	184.86	9,926	8,054
184.35	9,261	3,162	184.87	9,939	8,153
184.36	9,274	3,254	184.88	9,952	8,253
184.37	9,287	3,347	184.89	9,965	8,353
184.38	9,300	3,440	184.90	9,978	8,452
184.39	9,313	3,533	184.91	9,991	8,552
184.40	9,326	3,626	184.92	10,004	8,652
184.41	9,339	3,720	184.93	10,017	8,752
184.42	9,352	3,813	184.94	10,030	8,852
184.43	9,365	3,907	184.95	10,043	8,953
184.44	9,378	4,000	184.96	10,056	9,053
184.45	9,391	4,094	184.97	10,069	9,154
184.46	9,404	4,188	184.98	10,082	9,255
184.47	9,417	4,282	184.99	10,095	9,355
184.48	9,430	4,377	185.00	10,108	9,457
184.49	9,443	4,471	185.01	10,121	9,558
184.50	9,457	4,565	185.02	10,135	9,659
184.51	9,470	4,660	185.03	10,148	9,760

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.04	10,162	9,862	185.56	10,858	15,327
185.05	10,175	9,964	185.57	10,872	15,436
185.06	10,188	10,065	185.58	10,885	15,545
185.07	10,202	10,167	185.59	10,899	15,653
185.08	10,215	10,269	185.60	10,912	15,762
185.09	10,229	10,372	185.61	10,925	15,872
185.10	10,242	10,474	185.62	10,939	15,981
185.11	10,255	10,576	185.63	10,952	16,090
185.12	10,269	10,679	185.64	10,966	16,200
185.13	10,282	10,782	185.65	10,979	16,310
185.14	10,296	10,885	185.66	10,992	16,420
185.15	10,309	10,988	185.67	11,006	16,530
185.16	10,322	11,091	185.68	11,019	16,640
185.17	10,336	11,194	185.69	11,033	16,750
185.18	10,349	11,298	185.70	11,046	16,860
185.19	10,363	11,401	185.71	11,059	16,971
185.20	10,376	11,505	185.72	11,073	17,082
185.21	10,389	11,609	185.73	11,086	17,192
185.22	10,403	11,713	185.74	11,100	17,303
185.23	10,416	11,817	185.75	11,113	17,414
185.24	10,430	11,921	185.76	11,126	17,526
185.25	10,443	12,025	185.77	11,140	17,637
185.26	10,456	12,130	185.78	11,153	17,748
185.27	10,470	12,235	185.79	11,167	17,860
185.28	10,483	12,339	185.80	11,180	17,972
185.29	10,497	12,444	185.81	11,193	18,084
185.30	10,510	12,549	185.82	11,207	18,196
185.31	10,523	12,654	185.83	11,220	18,308
185.32	10,537	12,760	185.84	11,234	18,420
185.33	10,550	12,865	185.85	11,247	18,532
185.34	10,564	12,971	185.86	11,260	18,645
185.35	10,577	13,076	185.87	11,274	18,758
185.36	10,590	13,182	185.88	11,287	18,870
185.37	10,604	13,288	185.89	11,301	18,983
185.38	10,617	13,394	185.90	11,314	19,096
185.39	10,631	13,501	185.91	11,327	19,210
185.40	10,644	13,607	185.92	11,341	19,323
185.41	10,657	13,713	185.93	11,354	19,436
185.42	10,671	13,820	185.94	11,368	19,550
185.43	10,684	13,927	185.95	11,381	19,664
185.44	10,698	14,034	185.96	11,394	19,778
185.45	10,711	14,141	185.97	11,408	19,892
185.46	10,724	14,248	185.98	11,421	20,006
185.47	10,738	14,355	185.99	11,435	20,120
185.48	10,751	14,463	186.00	11,448	20,235
185.49	10,765	14,570	186.01	11,462	20,349
185.50	10,778	14,678	186.02	11,476	20,464
185.51	10,791	14,786	186.03	11,489	20,579
185.52	10,805	14,894	186.04	11,503	20,694
185.53	10,818	15,002	186.05	11,517	20,809
185.54	10,832	15,110	186.06	11,531	20,924
185.55	10,845	15,219	186.07	11,544	21,039

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.08	11,558	21,155	186.60	12,275	27,351
186.09	11,572	21,270	186.61	12,289	27,474
186.10	11,586	21,386	186.62	12,302	27,597
186.11	11,600	21,502	186.63	12,316	27,720
186.12	11,613	21,618	186.64	12,330	27,843
186.13	11,627	21,734	186.65	12,344	27,967
186.14	11,641	21,851	186.66	12,357	28,090
186.15	11,655	21,967	186.67	12,371	28,214
186.16	11,668	22,084	186.68	12,385	28,338
186.17	11,682	22,201	186.69	12,399	28,462
186.18	11,696	22,317	186.70	12,413	28,586
186.19	11,710	22,434	186.71	12,426	28,710
186.20	11,724	22,552	186.72	12,440	28,834
186.21	11,737	22,669	186.73	12,454	28,959
186.22	11,751	22,786	186.74	12,468	29,083
186.23	11,765	22,904	186.75	12,482	29,208
186.24	11,779	23,022	186.76	12,495	29,333
186.25	11,793	23,140	186.77	12,509	29,458
186.26	11,806	23,258	186.78	12,523	29,583
186.27	11,820	23,376	186.79	12,537	29,708
186.28	11,834	23,494	186.80	12,550	29,834
186.29	11,848	23,612	186.81	12,564	29,959
186.30	11,861	23,731	186.82	12,578	30,085
186.31	11,875	23,850	186.83	12,592	30,211
186.32	11,889	23,968	186.84	12,606	30,337
186.33	11,903	24,087	186.85	12,619	30,463
186.34	11,917	24,206	186.86	12,633	30,589
186.35	11,930	24,326	186.87	12,647	30,716
186.36	11,944	24,445	186.88	12,661	30,842
186.37	11,958	24,565	186.89	12,674	30,969
186.38	11,972	24,684	186.90	12,688	31,096
186.39	11,985	24,804	186.91	12,702	31,223
186.40	11,999	24,924	186.92	12,716	31,350
186.41	12,013	25,044	186.93	12,730	31,477
186.42	12,027	25,164	186.94	12,743	31,604
186.43	12,041	25,285	186.95	12,757	31,732
186.44	12,054	25,405	186.96	12,771	31,860
186.45	12,068	25,526	186.97	12,785	31,987
186.46	12,082	25,646	186.98	12,798	32,115
186.47	12,096	25,767	186.99	12,812	32,243
186.48	12,109	25,888	187.00	12,826	32,372
186.49	12,123	26,009	187.01	12,840	32,500
186.50	12,137	26,131	187.02	12,854	32,628
186.51	12,151	26,252	187.03	12,869	32,757
186.52	12,165	26,374	187.04	12,883	32,886
186.53	12,178	26,495	187.05	12,897	33,015
186.54	12,192	26,617	187.06	12,911	33,144
186.55	12,206	26,739	187.07	12,925	33,273
186.56	12,220	26,861	187.08	12,939	33,402
186.57	12,233	26,984	187.09	12,954	33,532
186.58	12,247	27,106	187.10	12,968	33,661
186.59	12,261	27,229	187.11	12,982	33,791

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.12	12,996	33,921	187.64	13,734	40,871
187.13	13,010	34,051	187.65	13,748	41,008
187.14	13,025	34,181	187.66	13,762	41,146
187.15	13,039	34,311	187.67	13,776	41,283
187.16	13,053	34,442	187.68	13,790	41,421
187.17	13,067	34,572	187.69	13,804	41,559
187.18	13,081	34,703	187.70	13,819	41,697
187.19	13,095	34,834	187.71	13,833	41,835
187.20	13,110	34,965	187.72	13,847	41,974
187.21	13,124	35,096	187.73	13,861	42,112
187.22	13,138	35,228	187.74	13,875	42,251
187.23	13,152	35,359	187.75	13,890	42,390
187.24	13,166	35,491	187.76	13,904	42,529
187.25	13,181	35,622	187.77	13,918	42,668
187.26	13,195	35,754	187.78	13,932	42,807
187.27	13,209	35,886	187.79	13,946	42,947
187.28	13,223	36,018	187.80	13,960	43,086
187.29	13,237	36,151	187.81	13,975	43,226
187.30	13,251	36,283	187.82	13,989	43,366
187.31	13,266	36,416	187.83	14,003	43,506
187.32	13,280	36,548	187.84	14,017	43,646
187.33	13,294	36,681	187.85	14,031	43,786
187.34	13,308	36,814	187.86	14,045	43,926
187.35	13,322	36,947	187.87	14,060	44,067
187.36	13,336	37,081	187.88	14,074	44,207
187.37	13,351	37,214	187.89	14,088	44,348
187.38	13,365	37,348	187.90	14,102	44,489
187.39	13,379	37,481	187.91	14,116	44,630
187.40	13,393	37,615	187.92	14,131	44,772
187.41	13,407	37,749	187.93	14,145	44,913
187.42	13,422	37,883	187.94	14,159	45,054
187.43	13,436	38,018	187.95	14,173	45,196
187.44	13,450	38,152	187.96	14,187	45,338
187.45	13,464	38,287	187.97	14,201	45,480
187.46	13,478	38,421	187.98	14,216	45,622
187.47	13,492	38,556	187.99	14,230	45,764
187.48	13,507	38,691	188.00	14,244	45,907
187.49	13,521	38,826	188.01	14,258	46,049
187.50	13,535	38,962	188.02	14,273	46,192
187.51	13,549	39,097	188.03	14,287	46,334
187.52	13,563	39,233	188.04	14,302	46,477
187.53	13,578	39,368	188.05	14,316	46,621
187.54	13,592	39,504	188.06	14,331	46,764
187.55	13,606	39,640	188.07	14,345	46,907
187.56	13,620	39,776	188.08	14,360	47,051
187.57	13,634	39,913	188.09	14,374	47,194
187.58	13,648	40,049	188.10	14,388	47,338
187.59	13,663	40,186	188.11	14,403	47,482
187.60	13,677	40,322	188.12	14,417	47,626
187.61	13,691	40,459	188.13	14,432	47,770
187.62	13,705	40,596	188.14	14,446	47,915
187.63	13,719	40,733	188.15	14,461	48,059

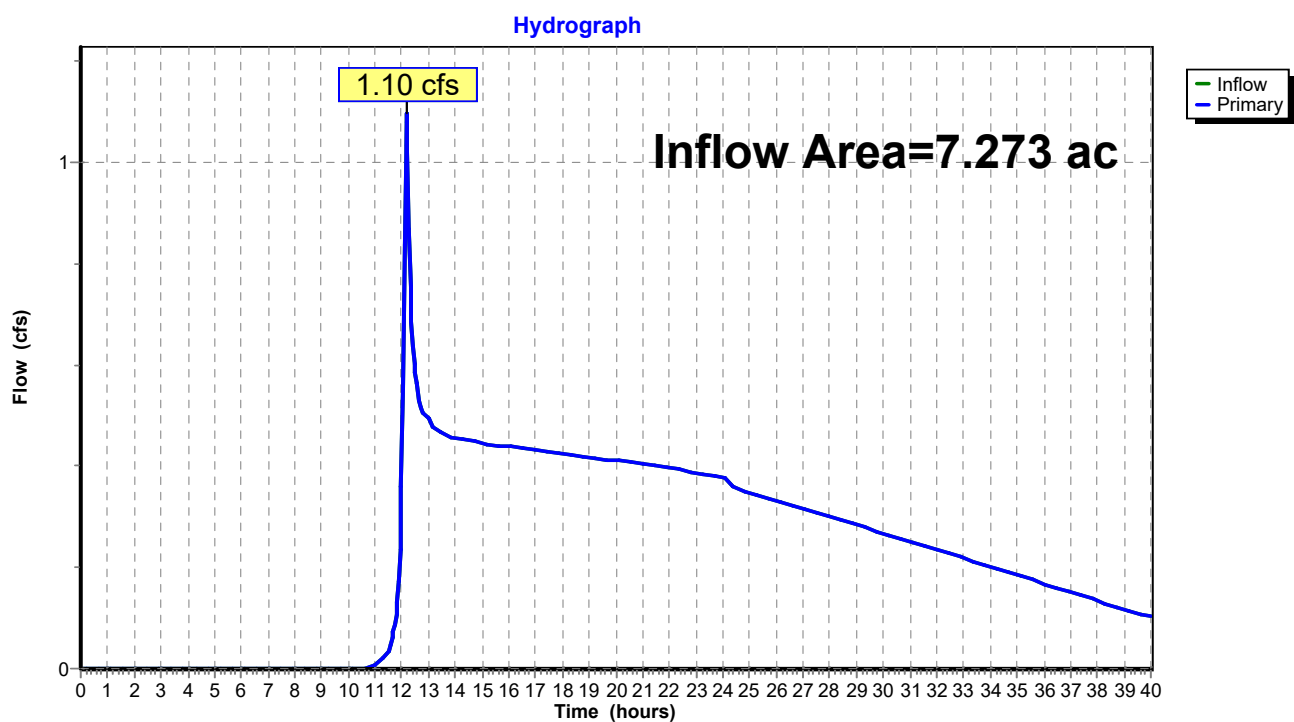
Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.16	14,475	48,204
188.17	14,489	48,349
188.18	14,504	48,494
188.19	14,518	48,639
188.20	14,533	48,784
188.21	14,547	48,930
188.22	14,562	49,075
188.23	14,576	49,221
188.24	14,591	49,367
188.25	14,605	49,513
188.26	14,619	49,659
188.27	14,634	49,805
188.28	14,648	49,951
188.29	14,663	50,098
188.30	14,677	50,245
188.31	14,692	50,392
188.32	14,706	50,539
188.33	14,721	50,686
188.34	14,735	50,833
188.35	14,749	50,980
188.36	14,764	51,128
188.37	14,778	51,276
188.38	14,793	51,423
188.39	14,807	51,571
188.40	14,822	51,720
188.41	14,836	51,868
188.42	14,850	52,016
188.43	14,865	52,165
188.44	14,879	52,314
188.45	14,894	52,463
188.46	14,908	52,612
188.47	14,923	52,761
188.48	14,937	52,910
188.49	14,952	53,059
188.50	14,966	53,209

Summary for Link PDA-5: Proposed Drainage Area #5

Inflow Area = 7.273 ac, 32.33% Impervious, Inflow Depth > 1.24" for Current 2 yr event
Inflow = 1.10 cfs @ 12.17 hrs, Volume= 0.752 af
Primary = 1.10 cfs @ 12.17 hrs, Volume= 0.752 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-5: Proposed Drainage Area #5

Hydrograph for Link PDA-5: Proposed Drainage Area #5

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.00	0.00	0.00
6.90	0.00	0.00	0.00	9.50	0.00	0.00	0.00
6.95	0.00	0.00	0.00	9.55	0.00	0.00	0.00
7.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
7.05	0.00	0.00	0.00	9.65	0.00	0.00	0.00
7.10	0.00	0.00	0.00	9.70	0.00	0.00	0.00
7.15	0.00	0.00	0.00	9.75	0.00	0.00	0.00
7.20	0.00	0.00	0.00	9.80	0.00	0.00	0.00
7.25	0.00	0.00	0.00	9.85	0.00	0.00	0.00
7.30	0.00	0.00	0.00	9.90	0.00	0.00	0.00
7.35	0.00	0.00	0.00	9.95	0.00	0.00	0.00
7.40	0.00	0.00	0.00	10.00	0.00	0.00	0.00
7.45	0.00	0.00	0.00	10.05	0.00	0.00	0.00
7.50	0.00	0.00	0.00	10.10	0.00	0.00	0.00
7.55	0.00	0.00	0.00	10.15	0.00	0.00	0.00
7.60	0.00	0.00	0.00	10.20	0.00	0.00	0.00
7.65	0.00	0.00	0.00	10.25	0.00	0.00	0.00
7.70	0.00	0.00	0.00	10.30	0.00	0.00	0.00
7.75	0.00	0.00	0.00	10.35	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.00	0.00	0.00	13.00	0.49	0.00	0.49
10.45	0.00	0.00	0.00	13.05	0.49	0.00	0.49
10.50	0.00	0.00	0.00	13.10	0.48	0.00	0.48
10.55	0.00	0.00	0.00	13.15	0.48	0.00	0.48
10.60	0.00	0.00	0.00	13.20	0.48	0.00	0.48
10.65	0.00	0.00	0.00	13.25	0.47	0.00	0.47
10.70	0.00	0.00	0.00	13.30	0.47	0.00	0.47
10.75	0.00	0.00	0.00	13.35	0.47	0.00	0.47
10.80	0.00	0.00	0.00	13.40	0.47	0.00	0.47
10.85	0.00	0.00	0.00	13.45	0.47	0.00	0.47
10.90	0.00	0.00	0.00	13.50	0.46	0.00	0.46
10.95	0.00	0.00	0.00	13.55	0.46	0.00	0.46
11.00	0.01	0.00	0.01	13.60	0.46	0.00	0.46
11.05	0.01	0.00	0.01	13.65	0.46	0.00	0.46
11.10	0.01	0.00	0.01	13.70	0.46	0.00	0.46
11.15	0.01	0.00	0.01	13.75	0.46	0.00	0.46
11.20	0.01	0.00	0.01	13.80	0.46	0.00	0.46
11.25	0.02	0.00	0.02	13.85	0.46	0.00	0.46
11.30	0.02	0.00	0.02	13.90	0.46	0.00	0.46
11.35	0.02	0.00	0.02	13.95	0.45	0.00	0.45
11.40	0.03	0.00	0.03	14.00	0.45	0.00	0.45
11.45	0.03	0.00	0.03	14.05	0.45	0.00	0.45
11.50	0.03	0.00	0.03	14.10	0.45	0.00	0.45
11.55	0.04	0.00	0.04	14.15	0.45	0.00	0.45
11.60	0.05	0.00	0.05	14.20	0.45	0.00	0.45
11.65	0.06	0.00	0.06	14.25	0.45	0.00	0.45
11.70	0.07	0.00	0.07	14.30	0.45	0.00	0.45
11.75	0.09	0.00	0.09	14.35	0.45	0.00	0.45
11.80	0.11	0.00	0.11	14.40	0.45	0.00	0.45
11.85	0.13	0.00	0.13	14.45	0.45	0.00	0.45
11.90	0.17	0.00	0.17	14.50	0.45	0.00	0.45
11.95	0.23	0.00	0.23	14.55	0.45	0.00	0.45
12.00	0.36	0.00	0.36	14.60	0.45	0.00	0.45
12.05	0.55	0.00	0.55	14.65	0.45	0.00	0.45
12.10	0.84	0.00	0.84	14.70	0.45	0.00	0.45
12.15	1.08	0.00	1.08	14.75	0.45	0.00	0.45
12.20	1.04	0.00	1.04	14.80	0.45	0.00	0.45
12.25	0.87	0.00	0.87	14.85	0.45	0.00	0.45
12.30	0.75	0.00	0.75	14.90	0.45	0.00	0.45
12.35	0.69	0.00	0.69	14.95	0.45	0.00	0.45
12.40	0.64	0.00	0.64	15.00	0.44	0.00	0.44
12.45	0.60	0.00	0.60	15.05	0.44	0.00	0.44
12.50	0.59	0.00	0.59	15.10	0.44	0.00	0.44
12.55	0.58	0.00	0.58	15.15	0.44	0.00	0.44
12.60	0.55	0.00	0.55	15.20	0.44	0.00	0.44
12.65	0.53	0.00	0.53	15.25	0.44	0.00	0.44
12.70	0.51	0.00	0.51	15.30	0.44	0.00	0.44
12.75	0.51	0.00	0.51	15.35	0.44	0.00	0.44
12.80	0.51	0.00	0.51	15.40	0.44	0.00	0.44
12.85	0.50	0.00	0.50	15.45	0.44	0.00	0.44
12.90	0.50	0.00	0.50	15.50	0.44	0.00	0.44
12.95	0.50	0.00	0.50	15.55	0.44	0.00	0.44

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	0.44	0.00	0.44	18.20	0.42	0.00	0.42
15.65	0.44	0.00	0.44	18.25	0.42	0.00	0.42
15.70	0.44	0.00	0.44	18.30	0.42	0.00	0.42
15.75	0.44	0.00	0.44	18.35	0.42	0.00	0.42
15.80	0.44	0.00	0.44	18.40	0.42	0.00	0.42
15.85	0.44	0.00	0.44	18.45	0.42	0.00	0.42
15.90	0.44	0.00	0.44	18.50	0.42	0.00	0.42
15.95	0.44	0.00	0.44	18.55	0.42	0.00	0.42
16.00	0.44	0.00	0.44	18.60	0.42	0.00	0.42
16.05	0.44	0.00	0.44	18.65	0.42	0.00	0.42
16.10	0.44	0.00	0.44	18.70	0.42	0.00	0.42
16.15	0.44	0.00	0.44	18.75	0.42	0.00	0.42
16.20	0.44	0.00	0.44	18.80	0.42	0.00	0.42
16.25	0.44	0.00	0.44	18.85	0.42	0.00	0.42
16.30	0.44	0.00	0.44	18.90	0.42	0.00	0.42
16.35	0.44	0.00	0.44	18.95	0.42	0.00	0.42
16.40	0.44	0.00	0.44	19.00	0.42	0.00	0.42
16.45	0.44	0.00	0.44	19.05	0.42	0.00	0.42
16.50	0.44	0.00	0.44	19.10	0.42	0.00	0.42
16.55	0.44	0.00	0.44	19.15	0.42	0.00	0.42
16.60	0.44	0.00	0.44	19.20	0.42	0.00	0.42
16.65	0.44	0.00	0.44	19.25	0.42	0.00	0.42
16.70	0.44	0.00	0.44	19.30	0.42	0.00	0.42
16.75	0.43	0.00	0.43	19.35	0.42	0.00	0.42
16.80	0.43	0.00	0.43	19.40	0.42	0.00	0.42
16.85	0.43	0.00	0.43	19.45	0.41	0.00	0.41
16.90	0.43	0.00	0.43	19.50	0.41	0.00	0.41
16.95	0.43	0.00	0.43	19.55	0.41	0.00	0.41
17.00	0.43	0.00	0.43	19.60	0.41	0.00	0.41
17.05	0.43	0.00	0.43	19.65	0.41	0.00	0.41
17.10	0.43	0.00	0.43	19.70	0.41	0.00	0.41
17.15	0.43	0.00	0.43	19.75	0.41	0.00	0.41
17.20	0.43	0.00	0.43	19.80	0.41	0.00	0.41
17.25	0.43	0.00	0.43	19.85	0.41	0.00	0.41
17.30	0.43	0.00	0.43	19.90	0.41	0.00	0.41
17.35	0.43	0.00	0.43	19.95	0.41	0.00	0.41
17.40	0.43	0.00	0.43	20.00	0.41	0.00	0.41
17.45	0.43	0.00	0.43	20.05	0.41	0.00	0.41
17.50	0.43	0.00	0.43	20.10	0.41	0.00	0.41
17.55	0.43	0.00	0.43	20.15	0.41	0.00	0.41
17.60	0.43	0.00	0.43	20.20	0.41	0.00	0.41
17.65	0.43	0.00	0.43	20.25	0.41	0.00	0.41
17.70	0.43	0.00	0.43	20.30	0.41	0.00	0.41
17.75	0.43	0.00	0.43	20.35	0.41	0.00	0.41
17.80	0.43	0.00	0.43	20.40	0.41	0.00	0.41
17.85	0.43	0.00	0.43	20.45	0.41	0.00	0.41
17.90	0.43	0.00	0.43	20.50	0.41	0.00	0.41
17.95	0.43	0.00	0.43	20.55	0.41	0.00	0.41
18.00	0.42	0.00	0.42	20.60	0.41	0.00	0.41
18.05	0.42	0.00	0.42	20.65	0.41	0.00	0.41
18.10	0.42	0.00	0.42	20.70	0.41	0.00	0.41
18.15	0.42	0.00	0.42	20.75	0.41	0.00	0.41

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.41	0.00	0.41	23.40	0.38	0.00	0.38
20.85	0.40	0.00	0.40	23.45	0.38	0.00	0.38
20.90	0.40	0.00	0.40	23.50	0.38	0.00	0.38
20.95	0.40	0.00	0.40	23.55	0.38	0.00	0.38
21.00	0.40	0.00	0.40	23.60	0.38	0.00	0.38
21.05	0.40	0.00	0.40	23.65	0.38	0.00	0.38
21.10	0.40	0.00	0.40	23.70	0.38	0.00	0.38
21.15	0.40	0.00	0.40	23.75	0.38	0.00	0.38
21.20	0.40	0.00	0.40	23.80	0.38	0.00	0.38
21.25	0.40	0.00	0.40	23.85	0.38	0.00	0.38
21.30	0.40	0.00	0.40	23.90	0.38	0.00	0.38
21.35	0.40	0.00	0.40	23.95	0.38	0.00	0.38
21.40	0.40	0.00	0.40	24.00	0.38	0.00	0.38
21.45	0.40	0.00	0.40	24.05	0.38	0.00	0.38
21.50	0.40	0.00	0.40	24.10	0.37	0.00	0.37
21.55	0.40	0.00	0.40	24.15	0.37	0.00	0.37
21.60	0.40	0.00	0.40	24.20	0.36	0.00	0.36
21.65	0.40	0.00	0.40	24.25	0.36	0.00	0.36
21.70	0.40	0.00	0.40	24.30	0.36	0.00	0.36
21.75	0.40	0.00	0.40	24.35	0.36	0.00	0.36
21.80	0.40	0.00	0.40	24.40	0.36	0.00	0.36
21.85	0.40	0.00	0.40	24.45	0.36	0.00	0.36
21.90	0.40	0.00	0.40	24.50	0.36	0.00	0.36
21.95	0.40	0.00	0.40	24.55	0.36	0.00	0.36
22.00	0.40	0.00	0.40	24.60	0.35	0.00	0.35
22.05	0.40	0.00	0.40	24.65	0.35	0.00	0.35
22.10	0.39	0.00	0.39	24.70	0.35	0.00	0.35
22.15	0.39	0.00	0.39	24.75	0.35	0.00	0.35
22.20	0.39	0.00	0.39	24.80	0.35	0.00	0.35
22.25	0.39	0.00	0.39	24.85	0.35	0.00	0.35
22.30	0.39	0.00	0.39	24.90	0.35	0.00	0.35
22.35	0.39	0.00	0.39	24.95	0.35	0.00	0.35
22.40	0.39	0.00	0.39	25.00	0.35	0.00	0.35
22.45	0.39	0.00	0.39	25.05	0.35	0.00	0.35
22.50	0.39	0.00	0.39	25.10	0.35	0.00	0.35
22.55	0.39	0.00	0.39	25.15	0.35	0.00	0.35
22.60	0.39	0.00	0.39	25.20	0.34	0.00	0.34
22.65	0.39	0.00	0.39	25.25	0.34	0.00	0.34
22.70	0.39	0.00	0.39	25.30	0.34	0.00	0.34
22.75	0.39	0.00	0.39	25.35	0.34	0.00	0.34
22.80	0.39	0.00	0.39	25.40	0.34	0.00	0.34
22.85	0.39	0.00	0.39	25.45	0.34	0.00	0.34
22.90	0.39	0.00	0.39	25.50	0.34	0.00	0.34
22.95	0.39	0.00	0.39	25.55	0.34	0.00	0.34
23.00	0.39	0.00	0.39	25.60	0.34	0.00	0.34
23.05	0.39	0.00	0.39	25.65	0.34	0.00	0.34
23.10	0.39	0.00	0.39	25.70	0.34	0.00	0.34
23.15	0.39	0.00	0.39	25.75	0.34	0.00	0.34
23.20	0.39	0.00	0.39	25.80	0.34	0.00	0.34
23.25	0.39	0.00	0.39	25.85	0.33	0.00	0.33
23.30	0.38	0.00	0.38	25.90	0.33	0.00	0.33
23.35	0.38	0.00	0.38	25.95	0.33	0.00	0.33

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.33	0.00	0.33	28.60	0.29	0.00	0.29
26.05	0.33	0.00	0.33	28.65	0.29	0.00	0.29
26.10	0.33	0.00	0.33	28.70	0.29	0.00	0.29
26.15	0.33	0.00	0.33	28.75	0.29	0.00	0.29
26.20	0.33	0.00	0.33	28.80	0.29	0.00	0.29
26.25	0.33	0.00	0.33	28.85	0.29	0.00	0.29
26.30	0.33	0.00	0.33	28.90	0.29	0.00	0.29
26.35	0.33	0.00	0.33	28.95	0.28	0.00	0.28
26.40	0.33	0.00	0.33	29.00	0.28	0.00	0.28
26.45	0.32	0.00	0.32	29.05	0.28	0.00	0.28
26.50	0.32	0.00	0.32	29.10	0.28	0.00	0.28
26.55	0.32	0.00	0.32	29.15	0.28	0.00	0.28
26.60	0.32	0.00	0.32	29.20	0.28	0.00	0.28
26.65	0.32	0.00	0.32	29.25	0.28	0.00	0.28
26.70	0.32	0.00	0.32	29.30	0.28	0.00	0.28
26.75	0.32	0.00	0.32	29.35	0.28	0.00	0.28
26.80	0.32	0.00	0.32	29.40	0.28	0.00	0.28
26.85	0.32	0.00	0.32	29.45	0.28	0.00	0.28
26.90	0.32	0.00	0.32	29.50	0.28	0.00	0.28
26.95	0.32	0.00	0.32	29.55	0.27	0.00	0.27
27.00	0.32	0.00	0.32	29.60	0.27	0.00	0.27
27.05	0.32	0.00	0.32	29.65	0.27	0.00	0.27
27.10	0.31	0.00	0.31	29.70	0.27	0.00	0.27
27.15	0.31	0.00	0.31	29.75	0.27	0.00	0.27
27.20	0.31	0.00	0.31	29.80	0.27	0.00	0.27
27.25	0.31	0.00	0.31	29.85	0.27	0.00	0.27
27.30	0.31	0.00	0.31	29.90	0.27	0.00	0.27
27.35	0.31	0.00	0.31	29.95	0.27	0.00	0.27
27.40	0.31	0.00	0.31	30.00	0.27	0.00	0.27
27.45	0.31	0.00	0.31	30.05	0.27	0.00	0.27
27.50	0.31	0.00	0.31	30.10	0.27	0.00	0.27
27.55	0.31	0.00	0.31	30.15	0.27	0.00	0.27
27.60	0.31	0.00	0.31	30.20	0.26	0.00	0.26
27.65	0.31	0.00	0.31	30.25	0.26	0.00	0.26
27.70	0.30	0.00	0.30	30.30	0.26	0.00	0.26
27.75	0.30	0.00	0.30	30.35	0.26	0.00	0.26
27.80	0.30	0.00	0.30	30.40	0.26	0.00	0.26
27.85	0.30	0.00	0.30	30.45	0.26	0.00	0.26
27.90	0.30	0.00	0.30	30.50	0.26	0.00	0.26
27.95	0.30	0.00	0.30	30.55	0.26	0.00	0.26
28.00	0.30	0.00	0.30	30.60	0.26	0.00	0.26
28.05	0.30	0.00	0.30	30.65	0.26	0.00	0.26
28.10	0.30	0.00	0.30	30.70	0.26	0.00	0.26
28.15	0.30	0.00	0.30	30.75	0.26	0.00	0.26
28.20	0.30	0.00	0.30	30.80	0.25	0.00	0.25
28.25	0.30	0.00	0.30	30.85	0.25	0.00	0.25
28.30	0.30	0.00	0.30	30.90	0.25	0.00	0.25
28.35	0.29	0.00	0.29	30.95	0.25	0.00	0.25
28.40	0.29	0.00	0.29	31.00	0.25	0.00	0.25
28.45	0.29	0.00	0.29	31.05	0.25	0.00	0.25
28.50	0.29	0.00	0.29	31.10	0.25	0.00	0.25
28.55	0.29	0.00	0.29	31.15	0.25	0.00	0.25

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.25	0.00	0.25	33.80	0.21	0.00	0.21
31.25	0.25	0.00	0.25	33.85	0.20	0.00	0.20
31.30	0.25	0.00	0.25	33.90	0.20	0.00	0.20
31.35	0.25	0.00	0.25	33.95	0.20	0.00	0.20
31.40	0.24	0.00	0.24	34.00	0.20	0.00	0.20
31.45	0.24	0.00	0.24	34.05	0.20	0.00	0.20
31.50	0.24	0.00	0.24	34.10	0.20	0.00	0.20
31.55	0.24	0.00	0.24	34.15	0.20	0.00	0.20
31.60	0.24	0.00	0.24	34.20	0.20	0.00	0.20
31.65	0.24	0.00	0.24	34.25	0.20	0.00	0.20
31.70	0.24	0.00	0.24	34.30	0.20	0.00	0.20
31.75	0.24	0.00	0.24	34.35	0.20	0.00	0.20
31.80	0.24	0.00	0.24	34.40	0.19	0.00	0.19
31.85	0.24	0.00	0.24	34.45	0.19	0.00	0.19
31.90	0.24	0.00	0.24	34.50	0.19	0.00	0.19
31.95	0.24	0.00	0.24	34.55	0.19	0.00	0.19
32.00	0.23	0.00	0.23	34.60	0.19	0.00	0.19
32.05	0.23	0.00	0.23	34.65	0.19	0.00	0.19
32.10	0.23	0.00	0.23	34.70	0.19	0.00	0.19
32.15	0.23	0.00	0.23	34.75	0.19	0.00	0.19
32.20	0.23	0.00	0.23	34.80	0.19	0.00	0.19
32.25	0.23	0.00	0.23	34.85	0.19	0.00	0.19
32.30	0.23	0.00	0.23	34.90	0.19	0.00	0.19
32.35	0.23	0.00	0.23	34.95	0.19	0.00	0.19
32.40	0.23	0.00	0.23	35.00	0.18	0.00	0.18
32.45	0.23	0.00	0.23	35.05	0.18	0.00	0.18
32.50	0.23	0.00	0.23	35.10	0.18	0.00	0.18
32.55	0.23	0.00	0.23	35.15	0.18	0.00	0.18
32.60	0.22	0.00	0.22	35.20	0.18	0.00	0.18
32.65	0.22	0.00	0.22	35.25	0.18	0.00	0.18
32.70	0.22	0.00	0.22	35.30	0.18	0.00	0.18
32.75	0.22	0.00	0.22	35.35	0.18	0.00	0.18
32.80	0.22	0.00	0.22	35.40	0.18	0.00	0.18
32.85	0.22	0.00	0.22	35.45	0.18	0.00	0.18
32.90	0.22	0.00	0.22	35.50	0.18	0.00	0.18
32.95	0.22	0.00	0.22	35.55	0.18	0.00	0.18
33.00	0.22	0.00	0.22	35.60	0.17	0.00	0.17
33.05	0.22	0.00	0.22	35.65	0.17	0.00	0.17
33.10	0.22	0.00	0.22	35.70	0.17	0.00	0.17
33.15	0.22	0.00	0.22	35.75	0.17	0.00	0.17
33.20	0.21	0.00	0.21	35.80	0.17	0.00	0.17
33.25	0.21	0.00	0.21	35.85	0.17	0.00	0.17
33.30	0.21	0.00	0.21	35.90	0.17	0.00	0.17
33.35	0.21	0.00	0.21	35.95	0.17	0.00	0.17
33.40	0.21	0.00	0.21	36.00	0.17	0.00	0.17
33.45	0.21	0.00	0.21	36.05	0.17	0.00	0.17
33.50	0.21	0.00	0.21	36.10	0.17	0.00	0.17
33.55	0.21	0.00	0.21	36.15	0.17	0.00	0.17
33.60	0.21	0.00	0.21	36.20	0.16	0.00	0.16
33.65	0.21	0.00	0.21	36.25	0.16	0.00	0.16
33.70	0.21	0.00	0.21	36.30	0.16	0.00	0.16
33.75	0.21	0.00	0.21	36.35	0.16	0.00	0.16

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.16	0.00	0.16	39.00	0.12	0.00	0.12
36.45	0.16	0.00	0.16	39.05	0.12	0.00	0.12
36.50	0.16	0.00	0.16	39.10	0.12	0.00	0.12
36.55	0.16	0.00	0.16	39.15	0.12	0.00	0.12
36.60	0.16	0.00	0.16	39.20	0.11	0.00	0.11
36.65	0.16	0.00	0.16	39.25	0.11	0.00	0.11
36.70	0.16	0.00	0.16	39.30	0.11	0.00	0.11
36.75	0.16	0.00	0.16	39.35	0.11	0.00	0.11
36.80	0.15	0.00	0.15	39.40	0.11	0.00	0.11
36.85	0.15	0.00	0.15	39.45	0.11	0.00	0.11
36.90	0.15	0.00	0.15	39.50	0.11	0.00	0.11
36.95	0.15	0.00	0.15	39.55	0.11	0.00	0.11
37.00	0.15	0.00	0.15	39.60	0.11	0.00	0.11
37.05	0.15	0.00	0.15	39.65	0.11	0.00	0.11
37.10	0.15	0.00	0.15	39.70	0.11	0.00	0.11
37.15	0.15	0.00	0.15	39.75	0.11	0.00	0.11
37.20	0.15	0.00	0.15	39.80	0.11	0.00	0.11
37.25	0.15	0.00	0.15	39.85	0.10	0.00	0.10
37.30	0.15	0.00	0.15	39.90	0.10	0.00	0.10
37.35	0.15	0.00	0.15	39.95	0.10	0.00	0.10
37.40	0.14	0.00	0.14	40.00	0.10	0.00	0.10
37.45	0.14	0.00	0.14				
37.50	0.14	0.00	0.14				
37.55	0.14	0.00	0.14				
37.60	0.14	0.00	0.14				
37.65	0.14	0.00	0.14				
37.70	0.14	0.00	0.14				
37.75	0.14	0.00	0.14				
37.80	0.14	0.00	0.14				
37.85	0.14	0.00	0.14				
37.90	0.14	0.00	0.14				
37.95	0.14	0.00	0.14				
38.00	0.13	0.00	0.13				
38.05	0.13	0.00	0.13				
38.10	0.13	0.00	0.13				
38.15	0.13	0.00	0.13				
38.20	0.13	0.00	0.13				
38.25	0.13	0.00	0.13				
38.30	0.13	0.00	0.13				
38.35	0.13	0.00	0.13				
38.40	0.13	0.00	0.13				
38.45	0.13	0.00	0.13				
38.50	0.13	0.00	0.13				
38.55	0.13	0.00	0.13				
38.60	0.12	0.00	0.12				
38.65	0.12	0.00	0.12				
38.70	0.12	0.00	0.12				
38.75	0.12	0.00	0.12				
38.80	0.12	0.00	0.12				
38.85	0.12	0.00	0.12				
38.90	0.12	0.00	0.12				
38.95	0.12	0.00	0.12				

Summary for Subcatchment 48I: PDA-48 (impervious)

Runoff = 4.53 cfs @ 12.09 hrs, Volume= 0.313 af, Depth= 4.83"
 Routed to Pond B-48 : Basin #48

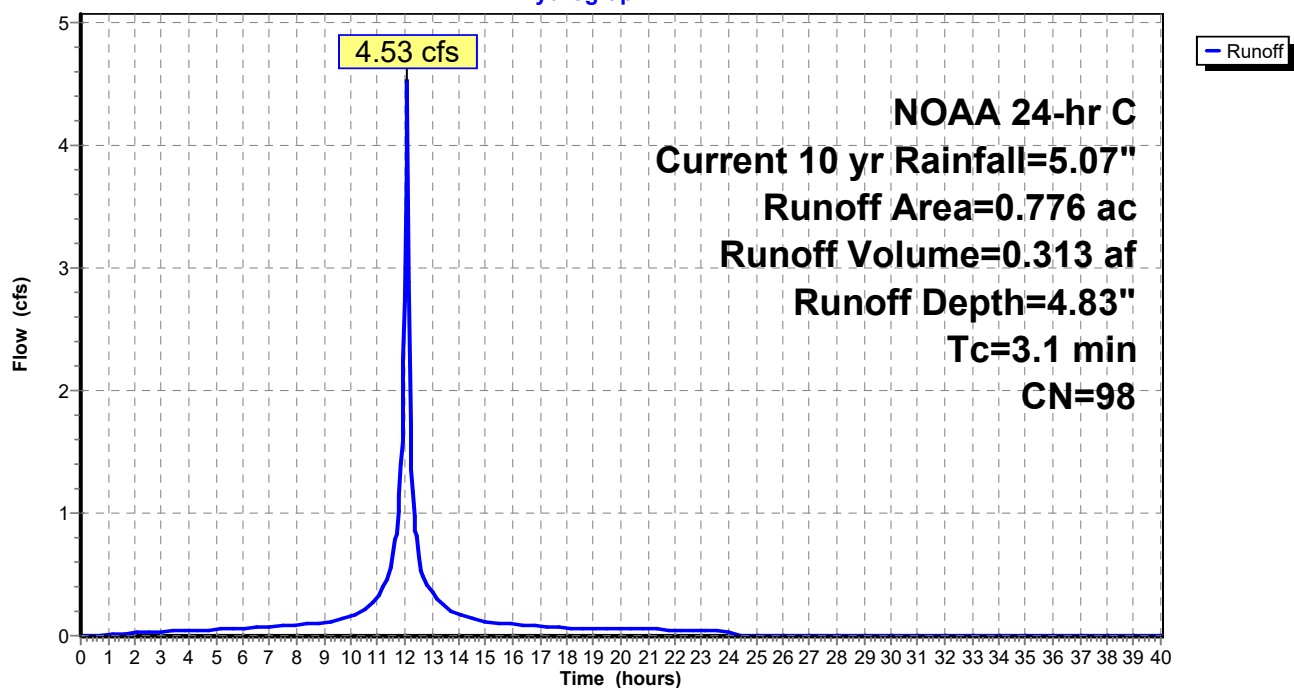
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.019	98	Concrete, HSG C
0.776	98	Weighted Average
0.776		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1					Direct Entry,

Subcatchment 48I: PDA-48 (impervious)

Hydrograph



Hydrograph for Subcatchment 48I: PDA-48 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.04
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.04
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.04
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.04
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.04
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.04
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.04
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.04
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.04
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.04
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.04
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.05
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.05
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.05
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.05
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.05
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.05
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.05
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.05
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.05
2.30	0.13	0.03	0.03	4.90	0.31	0.16	0.05
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.05
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.05
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.05
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.05
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.05

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.05	7.80	0.58	0.39	0.09
5.25	0.34	0.18	0.05	7.85	0.59	0.40	0.09
5.30	0.35	0.18	0.05	7.90	0.60	0.41	0.09
5.35	0.35	0.19	0.05	7.95	0.60	0.41	0.09
5.40	0.35	0.19	0.05	8.00	0.61	0.42	0.09
5.45	0.36	0.19	0.05	8.05	0.61	0.42	0.09
5.50	0.36	0.20	0.05	8.10	0.62	0.43	0.09
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.09
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.09
5.65	0.37	0.21	0.05	8.25	0.64	0.45	0.09
5.70	0.38	0.21	0.05	8.30	0.65	0.45	0.09
5.75	0.38	0.21	0.05	8.35	0.65	0.46	0.09
5.80	0.39	0.22	0.05	8.40	0.66	0.46	0.10
5.85	0.39	0.22	0.05	8.45	0.66	0.47	0.10
5.90	0.39	0.22	0.05	8.50	0.67	0.48	0.10
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.10
6.00	0.40	0.23	0.06	8.60	0.68	0.49	0.10
6.05	0.41	0.23	0.06	8.65	0.69	0.50	0.10
6.10	0.41	0.24	0.06	8.70	0.70	0.50	0.10
6.15	0.41	0.24	0.06	8.75	0.71	0.51	0.10
6.20	0.42	0.25	0.06	8.80	0.71	0.51	0.10
6.25	0.42	0.25	0.06	8.85	0.72	0.52	0.10
6.30	0.43	0.25	0.06	8.90	0.73	0.53	0.10
6.35	0.43	0.26	0.06	8.95	0.73	0.53	0.10
6.40	0.44	0.26	0.06	9.00	0.74	0.54	0.11
6.45	0.44	0.27	0.06	9.05	0.75	0.55	0.11
6.50	0.45	0.27	0.06	9.10	0.76	0.56	0.11
6.55	0.45	0.27	0.06	9.15	0.76	0.56	0.11
6.60	0.46	0.28	0.07	9.20	0.77	0.57	0.12
6.65	0.46	0.28	0.07	9.25	0.78	0.58	0.12
6.70	0.46	0.29	0.07	9.30	0.79	0.59	0.12
6.75	0.47	0.29	0.07	9.35	0.80	0.59	0.13
6.80	0.47	0.29	0.07	9.40	0.80	0.60	0.13
6.85	0.48	0.30	0.07	9.45	0.81	0.61	0.13
6.90	0.48	0.30	0.07	9.50	0.82	0.62	0.13
6.95	0.49	0.31	0.07	9.55	0.83	0.63	0.14
7.00	0.49	0.31	0.07	9.60	0.84	0.64	0.14
7.05	0.50	0.32	0.07	9.65	0.85	0.65	0.14
7.10	0.50	0.32	0.07	9.70	0.86	0.66	0.15
7.15	0.51	0.33	0.07	9.75	0.87	0.67	0.15
7.20	0.52	0.33	0.08	9.80	0.88	0.68	0.15
7.25	0.52	0.34	0.08	9.85	0.89	0.69	0.16
7.30	0.53	0.34	0.08	9.90	0.90	0.70	0.16
7.35	0.53	0.35	0.08	9.95	0.91	0.71	0.16
7.40	0.54	0.35	0.08	10.00	0.92	0.72	0.16
7.45	0.54	0.36	0.08	10.05	0.94	0.73	0.17
7.50	0.55	0.36	0.08	10.10	0.95	0.74	0.17
7.55	0.55	0.37	0.08	10.15	0.96	0.75	0.17
7.60	0.56	0.37	0.08	10.20	0.97	0.76	0.18
7.65	0.57	0.38	0.08	10.25	0.98	0.77	0.18
7.70	0.57	0.38	0.08	10.30	0.99	0.79	0.18
7.75	0.58	0.39	0.08	10.35	1.01	0.80	0.19

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.19	13.00	3.85	3.62	0.36
10.45	1.03	0.82	0.19	13.05	3.87	3.64	0.33
10.50	1.04	0.83	0.19	13.10	3.89	3.66	0.32
10.55	1.06	0.85	0.21	13.15	3.91	3.68	0.30
10.60	1.07	0.86	0.22	13.20	3.93	3.70	0.29
10.65	1.09	0.88	0.23	13.25	3.95	3.71	0.28
10.70	1.10	0.89	0.24	13.30	3.97	3.73	0.27
10.75	1.12	0.91	0.25	13.35	3.98	3.75	0.26
10.80	1.14	0.93	0.26	13.40	4.00	3.76	0.25
10.85	1.16	0.94	0.27	13.45	4.01	3.78	0.23
10.90	1.18	0.96	0.28	13.50	4.03	3.79	0.22
10.95	1.20	0.98	0.30	13.55	4.04	3.80	0.21
11.00	1.22	1.00	0.31	13.60	4.05	3.82	0.20
11.05	1.24	1.02	0.33	13.65	4.06	3.83	0.20
11.10	1.26	1.05	0.35	13.70	4.08	3.84	0.19
11.15	1.29	1.07	0.37	13.75	4.09	3.85	0.19
11.20	1.31	1.10	0.39	13.80	4.10	3.86	0.19
11.25	1.34	1.12	0.42	13.85	4.11	3.88	0.18
11.30	1.37	1.15	0.43	13.90	4.12	3.89	0.18
11.35	1.40	1.18	0.46	13.95	4.13	3.90	0.18
11.40	1.43	1.21	0.48	14.00	4.15	3.91	0.18
11.45	1.47	1.25	0.50	14.05	4.16	3.92	0.17
11.50	1.50	1.28	0.51	14.10	4.17	3.93	0.17
11.55	1.55	1.33	0.67	14.15	4.18	3.94	0.17
11.60	1.60	1.38	0.78	14.20	4.19	3.95	0.16
11.65	1.65	1.43	0.81	14.25	4.20	3.96	0.16
11.70	1.71	1.49	0.84	14.30	4.21	3.97	0.16
11.75	1.78	1.56	1.01	14.35	4.22	3.98	0.15
11.80	1.86	1.63	1.14	14.40	4.23	3.99	0.15
11.85	1.96	1.73	1.40	14.45	4.24	4.00	0.15
11.90	2.06	1.84	1.59	14.50	4.25	4.01	0.15
11.95	2.24	2.01	2.26	14.55	4.26	4.02	0.14
12.00	2.42	2.19	2.73	14.60	4.27	4.03	0.14
12.05	2.71	2.48	3.81	14.65	4.27	4.04	0.14
12.10	3.01	2.78	4.48	14.70	4.28	4.05	0.13
12.15	3.11	2.88	2.88	14.75	4.29	4.06	0.13
12.20	3.21	2.98	1.73	14.80	4.30	4.06	0.13
12.25	3.29	3.05	1.35	14.85	4.31	4.07	0.13
12.30	3.36	3.13	1.17	14.90	4.31	4.08	0.12
12.35	3.42	3.18	0.98	14.95	4.32	4.09	0.12
12.40	3.47	3.24	0.85	15.00	4.33	4.09	0.12
12.45	3.52	3.29	0.82	15.05	4.34	4.10	0.11
12.50	3.57	3.34	0.80	15.10	4.34	4.11	0.11
12.55	3.60	3.37	0.64	15.15	4.35	4.12	0.11
12.60	3.64	3.40	0.53	15.20	4.36	4.12	0.11
12.65	3.67	3.43	0.50	15.25	4.36	4.13	0.11
12.70	3.70	3.47	0.48	15.30	4.37	4.14	0.11
12.75	3.73	3.49	0.46	15.35	4.38	4.14	0.11
12.80	3.76	3.52	0.44	15.40	4.39	4.15	0.11
12.85	3.78	3.55	0.42	15.45	4.39	4.16	0.11
12.90	3.81	3.57	0.40	15.50	4.40	4.16	0.10
12.95	3.83	3.60	0.37	15.55	4.41	4.17	0.10

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.10	18.20	4.68	4.45	0.06
15.65	4.42	4.18	0.10	18.25	4.69	4.45	0.06
15.70	4.42	4.19	0.10	18.30	4.69	4.46	0.06
15.75	4.43	4.20	0.10	18.35	4.70	4.46	0.06
15.80	4.44	4.20	0.10	18.40	4.70	4.46	0.06
15.85	4.44	4.21	0.10	18.45	4.70	4.47	0.06
15.90	4.45	4.21	0.10	18.50	4.71	4.47	0.06
15.95	4.46	4.22	0.10	18.55	4.71	4.48	0.06
16.00	4.46	4.23	0.10	18.60	4.72	4.48	0.06
16.05	4.47	4.23	0.10	18.65	4.72	4.48	0.06
16.10	4.47	4.24	0.10	18.70	4.72	4.49	0.06
16.15	4.48	4.24	0.09	18.75	4.73	4.49	0.06
16.20	4.49	4.25	0.09	18.80	4.73	4.50	0.06
16.25	4.49	4.26	0.09	18.85	4.74	4.50	0.06
16.30	4.50	4.26	0.09	18.90	4.74	4.50	0.06
16.35	4.50	4.27	0.09	18.95	4.74	4.51	0.06
16.40	4.51	4.27	0.09	19.00	4.75	4.51	0.06
16.45	4.52	4.28	0.09	19.05	4.75	4.51	0.06
16.50	4.52	4.29	0.09	19.10	4.76	4.52	0.06
16.55	4.53	4.29	0.09	19.15	4.76	4.52	0.06
16.60	4.53	4.30	0.09	19.20	4.76	4.53	0.06
16.65	4.54	4.30	0.09	19.25	4.77	4.53	0.06
16.70	4.54	4.31	0.09	19.30	4.77	4.53	0.06
16.75	4.55	4.31	0.08	19.35	4.77	4.54	0.06
16.80	4.55	4.32	0.08	19.40	4.78	4.54	0.06
16.85	4.56	4.32	0.08	19.45	4.78	4.55	0.06
16.90	4.57	4.33	0.08	19.50	4.79	4.55	0.06
16.95	4.57	4.33	0.08	19.55	4.79	4.55	0.06
17.00	4.58	4.34	0.08	19.60	4.79	4.56	0.06
17.05	4.58	4.34	0.08	19.65	4.80	4.56	0.06
17.10	4.59	4.35	0.08	19.70	4.80	4.56	0.06
17.15	4.59	4.35	0.08	19.75	4.80	4.57	0.06
17.20	4.60	4.36	0.08	19.80	4.81	4.57	0.06
17.25	4.60	4.36	0.08	19.85	4.81	4.57	0.06
17.30	4.61	4.37	0.08	19.90	4.81	4.58	0.06
17.35	4.61	4.37	0.08	19.95	4.82	4.58	0.06
17.40	4.61	4.38	0.07	20.00	4.82	4.59	0.06
17.45	4.62	4.38	0.07	20.05	4.83	4.59	0.06
17.50	4.62	4.39	0.07	20.10	4.83	4.59	0.06
17.55	4.63	4.39	0.07	20.15	4.83	4.60	0.06
17.60	4.63	4.40	0.07	20.20	4.84	4.60	0.06
17.65	4.64	4.40	0.07	20.25	4.84	4.60	0.06
17.70	4.64	4.41	0.07	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.07	20.35	4.85	4.61	0.05
17.80	4.65	4.42	0.07	20.40	4.85	4.61	0.05
17.85	4.66	4.42	0.07	20.45	4.85	4.62	0.05
17.90	4.66	4.42	0.07	20.50	4.86	4.62	0.05
17.95	4.66	4.43	0.07	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.07	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.06	20.65	4.87	4.63	0.05
18.10	4.68	4.44	0.06	20.70	4.87	4.63	0.05
18.15	4.68	4.44	0.06	20.75	4.87	4.64	0.05

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.05	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.05	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.05	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.05	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.05	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.05	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.05	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.05	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.05	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.05	23.85	5.06	4.82	0.04
21.30	4.91	4.67	0.05	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.05	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.05	24.00	5.07	4.83	0.05
21.45	4.92	4.68	0.05	24.05	5.07	4.83	0.02
21.50	4.92	4.69	0.05	24.10	5.07	4.83	0.00
21.55	4.93	4.69	0.05	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.05	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.05	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.05	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.05	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.05	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.05	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.05	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.05	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.05	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.05	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.05	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.05	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.05	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.05	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.05	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.05	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.05	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.04	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.04	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.04	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.04	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.04	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.04	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 48P: PDA-48 (pervious)

Runoff = 3.91 cfs @ 12.19 hrs, Volume= 0.300 af, Depth= 2.42"
 Routed to Pond B-48 : Basin #48

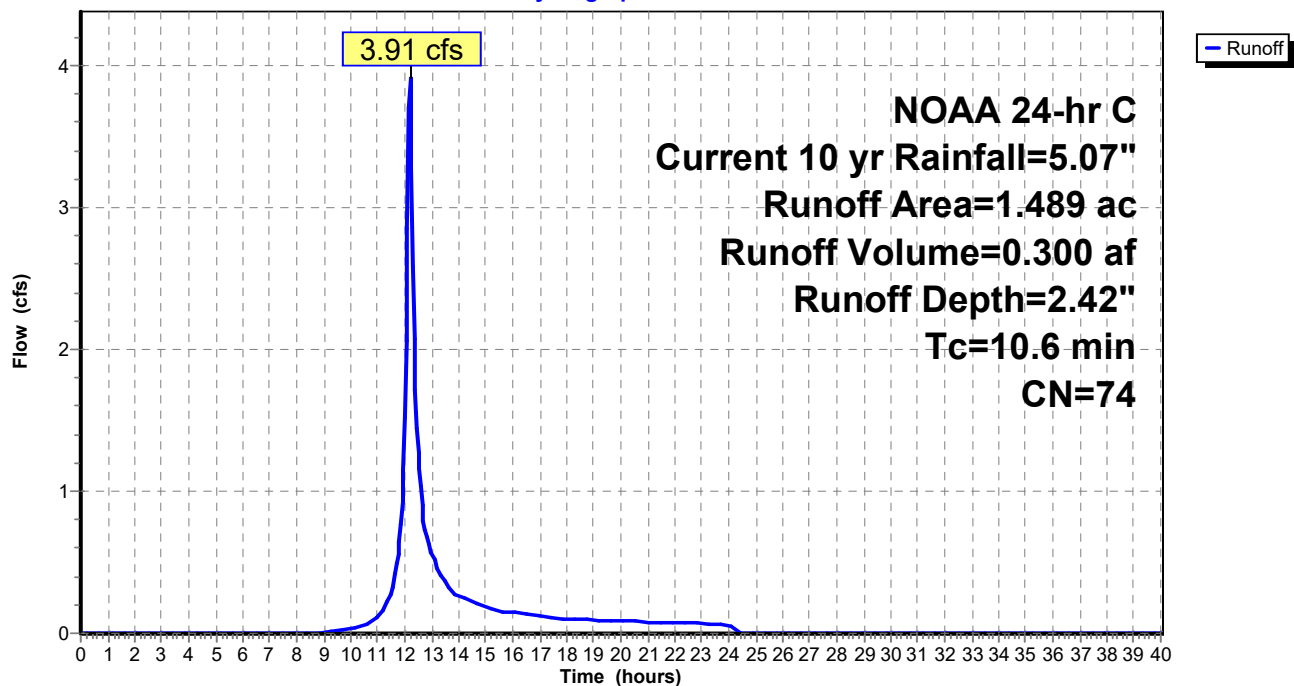
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.489	74	>75% Grass cover, Good, HSG C
1.489		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.6					Direct Entry,

Subcatchment 48P: PDA-48 (pervious)

Hydrograph



Hydrograph for Subcatchment 48P: PDA-48 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.04
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.05

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.05	13.00	3.85	1.49	0.56
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.53
10.50	1.04	0.03	0.06	13.10	3.89	1.52	0.50
10.55	1.06	0.03	0.06	13.15	3.91	1.53	0.47
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.45
10.65	1.09	0.04	0.07	13.25	3.95	1.56	0.43
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.41
10.75	1.12	0.04	0.08	13.35	3.98	1.58	0.40
10.80	1.14	0.05	0.09	13.40	4.00	1.59	0.38
10.85	1.16	0.05	0.09	13.45	4.01	1.60	0.37
10.90	1.18	0.06	0.10	13.50	4.03	1.61	0.35
10.95	1.20	0.06	0.11	13.55	4.04	1.62	0.33
11.00	1.22	0.07	0.12	13.60	4.05	1.63	0.32
11.05	1.24	0.07	0.13	13.65	4.06	1.64	0.30
11.10	1.26	0.08	0.14	13.70	4.08	1.65	0.29
11.15	1.29	0.08	0.15	13.75	4.09	1.66	0.28
11.20	1.31	0.09	0.17	13.80	4.10	1.67	0.28
11.25	1.34	0.10	0.18	13.85	4.11	1.68	0.27
11.30	1.37	0.11	0.20	13.90	4.12	1.69	0.27
11.35	1.40	0.12	0.22	13.95	4.13	1.70	0.27
11.40	1.43	0.13	0.24	14.00	4.15	1.70	0.26
11.45	1.47	0.14	0.26	14.05	4.16	1.71	0.26
11.50	1.50	0.15	0.28	14.10	4.17	1.72	0.25
11.55	1.55	0.16	0.30	14.15	4.18	1.73	0.25
11.60	1.60	0.18	0.35	14.20	4.19	1.74	0.25
11.65	1.65	0.20	0.43	14.25	4.20	1.74	0.24
11.70	1.71	0.22	0.50	14.30	4.21	1.75	0.24
11.75	1.78	0.25	0.56	14.35	4.22	1.76	0.23
11.80	1.86	0.29	0.64	14.40	4.23	1.77	0.23
11.85	1.96	0.33	0.76	14.45	4.24	1.77	0.23
11.90	2.06	0.38	0.93	14.50	4.25	1.78	0.22
11.95	2.24	0.47	1.15	14.55	4.26	1.79	0.22
12.00	2.42	0.56	1.52	14.60	4.27	1.79	0.21
12.05	2.71	0.73	2.06	14.65	4.27	1.80	0.21
12.10	3.01	0.91	2.85	14.70	4.28	1.81	0.20
12.15	3.11	0.98	3.70	14.75	4.29	1.81	0.20
12.20	3.21	1.05	3.89	14.80	4.30	1.82	0.20
12.25	3.29	1.10	3.29	14.85	4.31	1.82	0.19
12.30	3.36	1.15	2.58	14.90	4.31	1.83	0.19
12.35	3.42	1.18	2.07	14.95	4.32	1.84	0.18
12.40	3.47	1.22	1.71	15.00	4.33	1.84	0.18
12.45	3.52	1.25	1.45	15.05	4.34	1.85	0.18
12.50	3.57	1.29	1.27	15.10	4.34	1.85	0.17
12.55	3.60	1.31	1.16	15.15	4.35	1.86	0.17
12.60	3.64	1.34	1.04	15.20	4.36	1.86	0.16
12.65	3.67	1.36	0.90	15.25	4.36	1.87	0.16
12.70	3.70	1.38	0.79	15.30	4.37	1.87	0.16
12.75	3.73	1.40	0.73	15.35	4.38	1.88	0.16
12.80	3.76	1.42	0.68	15.40	4.39	1.88	0.16
12.85	3.78	1.44	0.65	15.45	4.39	1.89	0.16
12.90	3.81	1.46	0.61	15.50	4.40	1.89	0.16
12.95	3.83	1.47	0.59	15.55	4.41	1.90	0.15

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.15	18.20	4.68	2.12	0.10
15.65	4.42	1.91	0.15	18.25	4.69	2.12	0.10
15.70	4.42	1.91	0.15	18.30	4.69	2.12	0.10
15.75	4.43	1.92	0.15	18.35	4.70	2.12	0.09
15.80	4.44	1.92	0.15	18.40	4.70	2.13	0.09
15.85	4.44	1.93	0.15	18.45	4.70	2.13	0.09
15.90	4.45	1.93	0.15	18.50	4.71	2.13	0.09
15.95	4.46	1.94	0.15	18.55	4.71	2.14	0.09
16.00	4.46	1.94	0.15	18.60	4.72	2.14	0.09
16.05	4.47	1.95	0.14	18.65	4.72	2.14	0.09
16.10	4.47	1.95	0.14	18.70	4.72	2.15	0.09
16.15	4.48	1.96	0.14	18.75	4.73	2.15	0.09
16.20	4.49	1.96	0.14	18.80	4.73	2.15	0.09
16.25	4.49	1.97	0.14	18.85	4.74	2.16	0.09
16.30	4.50	1.97	0.14	18.90	4.74	2.16	0.09
16.35	4.50	1.98	0.14	18.95	4.74	2.16	0.09
16.40	4.51	1.98	0.14	19.00	4.75	2.16	0.09
16.45	4.52	1.98	0.14	19.05	4.75	2.17	0.09
16.50	4.52	1.99	0.13	19.10	4.76	2.17	0.09
16.55	4.53	1.99	0.13	19.15	4.76	2.17	0.09
16.60	4.53	2.00	0.13	19.20	4.76	2.18	0.09
16.65	4.54	2.00	0.13	19.25	4.77	2.18	0.09
16.70	4.54	2.01	0.13	19.30	4.77	2.18	0.09
16.75	4.55	2.01	0.13	19.35	4.77	2.19	0.09
16.80	4.55	2.01	0.13	19.40	4.78	2.19	0.09
16.85	4.56	2.02	0.13	19.45	4.78	2.19	0.09
16.90	4.57	2.02	0.13	19.50	4.79	2.19	0.09
16.95	4.57	2.03	0.12	19.55	4.79	2.20	0.09
17.00	4.58	2.03	0.12	19.60	4.79	2.20	0.09
17.05	4.58	2.03	0.12	19.65	4.80	2.20	0.09
17.10	4.59	2.04	0.12	19.70	4.80	2.21	0.09
17.15	4.59	2.04	0.12	19.75	4.80	2.21	0.09
17.20	4.60	2.05	0.12	19.80	4.81	2.21	0.09
17.25	4.60	2.05	0.12	19.85	4.81	2.21	0.09
17.30	4.61	2.05	0.12	19.90	4.81	2.22	0.09
17.35	4.61	2.06	0.12	19.95	4.82	2.22	0.09
17.40	4.61	2.06	0.11	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.11	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.11	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.11	20.15	4.83	2.23	0.08
17.60	4.63	2.08	0.11	20.20	4.84	2.23	0.08
17.65	4.64	2.08	0.11	20.25	4.84	2.24	0.08
17.70	4.64	2.08	0.11	20.30	4.84	2.24	0.08
17.75	4.65	2.09	0.11	20.35	4.85	2.24	0.08
17.80	4.65	2.09	0.11	20.40	4.85	2.25	0.08
17.85	4.66	2.09	0.10	20.45	4.85	2.25	0.08
17.90	4.66	2.10	0.10	20.50	4.86	2.25	0.08
17.95	4.66	2.10	0.10	20.55	4.86	2.25	0.08
18.00	4.67	2.10	0.10	20.60	4.86	2.26	0.08
18.05	4.67	2.11	0.10	20.65	4.87	2.26	0.08
18.10	4.68	2.11	0.10	20.70	4.87	2.26	0.08
18.15	4.68	2.11	0.10	20.75	4.87	2.26	0.08

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.08	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.08	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.08	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.08	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.08	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.08	23.65	5.05	2.40	0.06
21.10	4.90	2.28	0.08	23.70	5.05	2.41	0.06
21.15	4.90	2.29	0.08	23.75	5.06	2.41	0.06
21.20	4.90	2.29	0.08	23.80	5.06	2.41	0.06
21.25	4.91	2.29	0.08	23.85	5.06	2.41	0.06
21.30	4.91	2.29	0.08	23.90	5.06	2.42	0.06
21.35	4.91	2.30	0.08	23.95	5.07	2.42	0.06
21.40	4.92	2.30	0.08	24.00	5.07	2.42	0.07
21.45	4.92	2.30	0.08	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.08	24.10	5.07	2.42	0.06
21.55	4.93	2.31	0.08	24.15	5.07	2.42	0.04
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.02
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.01
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.07	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.07	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.07	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.07	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.07	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.07	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.07	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.07	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.07	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.07	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.07	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.07	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.07	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.07	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.07	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.07	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.07	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.07	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.07	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.07	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.07	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.07	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.07	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 49I: PDA-49 (impervious)

Runoff = 5.08 cfs @ 12.10 hrs, Volume= 0.368 af, Depth= 4.83"
 Routed to Pond B-49 : Basin #49

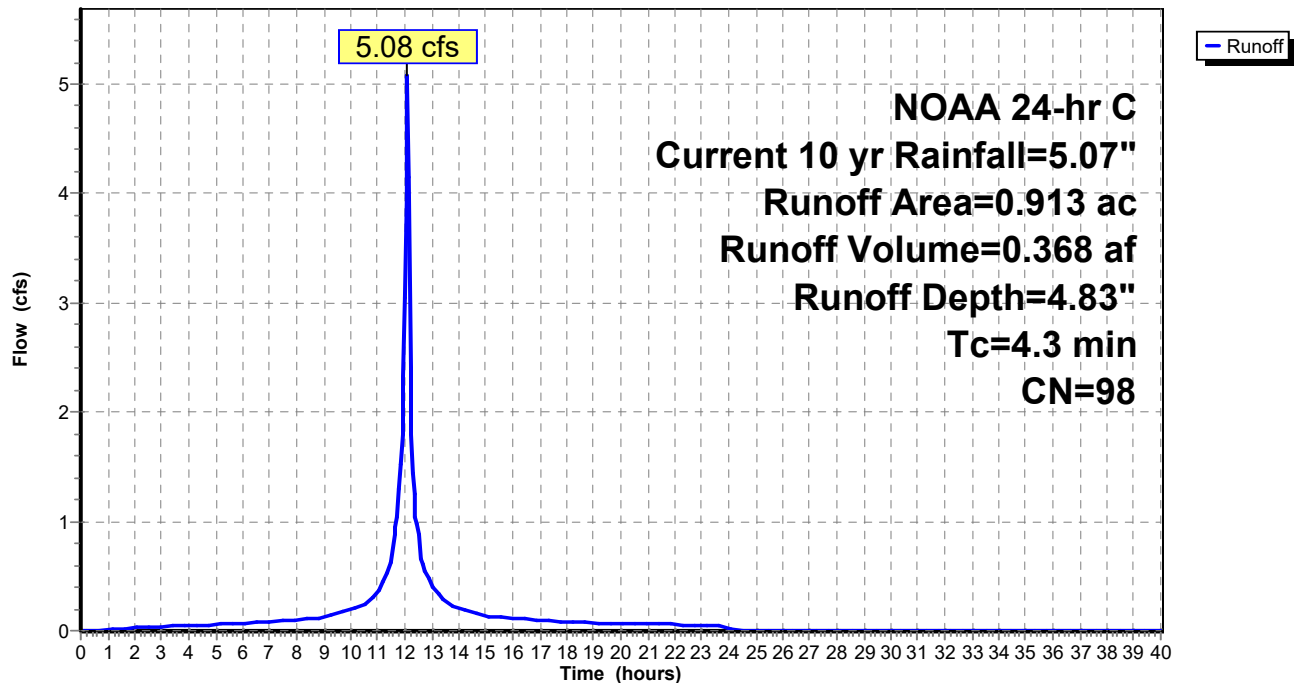
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.434	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.061	98	Concrete, HSG C
0.913	98	Weighted Average
0.913		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 49I: PDA-49 (impervious)

Hydrograph



Hydrograph for Subcatchment 49I: PDA-49 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.03
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.04
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.04
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.04
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.04
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.04
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.04
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.04
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.04
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.04
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.04
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.04
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.04
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.04
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.04
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.04
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.04
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.04
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.04
1.00	0.06	0.00	0.01	3.60	0.22	0.08	0.05
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.05
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.05
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.05
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.05
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.05
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.05
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.05
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.05
1.45	0.08	0.01	0.02	4.05	0.25	0.11	0.05
1.50	0.08	0.01	0.02	4.10	0.26	0.11	0.05
1.55	0.09	0.01	0.02	4.15	0.26	0.11	0.05
1.60	0.09	0.01	0.02	4.20	0.26	0.12	0.05
1.65	0.09	0.01	0.02	4.25	0.27	0.12	0.05
1.70	0.10	0.01	0.02	4.30	0.27	0.12	0.05
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.05
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.05
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.05
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.05
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.05
2.00	0.11	0.02	0.03	4.60	0.29	0.14	0.05
2.05	0.12	0.02	0.03	4.65	0.30	0.14	0.05
2.10	0.12	0.02	0.03	4.70	0.30	0.14	0.06
2.15	0.12	0.02	0.03	4.75	0.30	0.15	0.06
2.20	0.13	0.03	0.03	4.80	0.31	0.15	0.06
2.25	0.13	0.03	0.03	4.85	0.31	0.15	0.06
2.30	0.13	0.03	0.03	4.90	0.31	0.16	0.06
2.35	0.14	0.03	0.03	4.95	0.32	0.16	0.06
2.40	0.14	0.03	0.03	5.00	0.32	0.16	0.06
2.45	0.14	0.03	0.03	5.05	0.33	0.17	0.06
2.50	0.15	0.04	0.03	5.10	0.33	0.17	0.06
2.55	0.15	0.04	0.03	5.15	0.33	0.17	0.06

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.06	7.80	0.58	0.39	0.10
5.25	0.34	0.18	0.06	7.85	0.59	0.40	0.10
5.30	0.35	0.18	0.06	7.90	0.60	0.41	0.10
5.35	0.35	0.19	0.06	7.95	0.60	0.41	0.10
5.40	0.35	0.19	0.06	8.00	0.61	0.42	0.10
5.45	0.36	0.19	0.06	8.05	0.61	0.42	0.10
5.50	0.36	0.20	0.06	8.10	0.62	0.43	0.11
5.55	0.37	0.20	0.06	8.15	0.63	0.43	0.11
5.60	0.37	0.20	0.06	8.20	0.63	0.44	0.11
5.65	0.37	0.21	0.06	8.25	0.64	0.45	0.11
5.70	0.38	0.21	0.06	8.30	0.65	0.45	0.11
5.75	0.38	0.21	0.06	8.35	0.65	0.46	0.11
5.80	0.39	0.22	0.06	8.40	0.66	0.46	0.11
5.85	0.39	0.22	0.06	8.45	0.66	0.47	0.11
5.90	0.39	0.22	0.06	8.50	0.67	0.48	0.11
5.95	0.40	0.23	0.06	8.55	0.68	0.48	0.11
6.00	0.40	0.23	0.07	8.60	0.68	0.49	0.12
6.05	0.41	0.23	0.07	8.65	0.69	0.50	0.12
6.10	0.41	0.24	0.07	8.70	0.70	0.50	0.12
6.15	0.41	0.24	0.07	8.75	0.71	0.51	0.12
6.20	0.42	0.25	0.07	8.80	0.71	0.51	0.12
6.25	0.42	0.25	0.07	8.85	0.72	0.52	0.12
6.30	0.43	0.25	0.07	8.90	0.73	0.53	0.12
6.35	0.43	0.26	0.07	8.95	0.73	0.53	0.12
6.40	0.44	0.26	0.07	9.00	0.74	0.54	0.12
6.45	0.44	0.27	0.07	9.05	0.75	0.55	0.13
6.50	0.45	0.27	0.07	9.10	0.76	0.56	0.13
6.55	0.45	0.27	0.08	9.15	0.76	0.56	0.13
6.60	0.46	0.28	0.08	9.20	0.77	0.57	0.14
6.65	0.46	0.28	0.08	9.25	0.78	0.58	0.14
6.70	0.46	0.29	0.08	9.30	0.79	0.59	0.14
6.75	0.47	0.29	0.08	9.35	0.80	0.59	0.15
6.80	0.47	0.29	0.08	9.40	0.80	0.60	0.15
6.85	0.48	0.30	0.08	9.45	0.81	0.61	0.15
6.90	0.48	0.30	0.08	9.50	0.82	0.62	0.16
6.95	0.49	0.31	0.08	9.55	0.83	0.63	0.16
7.00	0.49	0.31	0.08	9.60	0.84	0.64	0.16
7.05	0.50	0.32	0.09	9.65	0.85	0.65	0.17
7.10	0.50	0.32	0.09	9.70	0.86	0.66	0.17
7.15	0.51	0.33	0.09	9.75	0.87	0.67	0.17
7.20	0.52	0.33	0.09	9.80	0.88	0.68	0.18
7.25	0.52	0.34	0.09	9.85	0.89	0.69	0.18
7.30	0.53	0.34	0.09	9.90	0.90	0.70	0.19
7.35	0.53	0.35	0.09	9.95	0.91	0.71	0.19
7.40	0.54	0.35	0.09	10.00	0.92	0.72	0.19
7.45	0.54	0.36	0.09	10.05	0.94	0.73	0.20
7.50	0.55	0.36	0.09	10.10	0.95	0.74	0.20
7.55	0.55	0.37	0.10	10.15	0.96	0.75	0.20
7.60	0.56	0.37	0.10	10.20	0.97	0.76	0.21
7.65	0.57	0.38	0.10	10.25	0.98	0.77	0.21
7.70	0.57	0.38	0.10	10.30	0.99	0.79	0.21
7.75	0.58	0.39	0.10	10.35	1.01	0.80	0.22

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.22	13.00	3.85	3.62	0.43
10.45	1.03	0.82	0.22	13.05	3.87	3.64	0.40
10.50	1.04	0.83	0.23	13.10	3.89	3.66	0.38
10.55	1.06	0.85	0.24	13.15	3.91	3.68	0.36
10.60	1.07	0.86	0.25	13.20	3.93	3.70	0.35
10.65	1.09	0.88	0.26	13.25	3.95	3.71	0.33
10.70	1.10	0.89	0.28	13.30	3.97	3.73	0.32
10.75	1.12	0.91	0.29	13.35	3.98	3.75	0.31
10.80	1.14	0.93	0.30	13.40	4.00	3.76	0.29
10.85	1.16	0.94	0.32	13.45	4.01	3.78	0.28
10.90	1.18	0.96	0.33	13.50	4.03	3.79	0.27
10.95	1.20	0.98	0.34	13.55	4.04	3.80	0.25
11.00	1.22	1.00	0.36	13.60	4.05	3.82	0.24
11.05	1.24	1.02	0.38	13.65	4.06	3.83	0.23
11.10	1.26	1.05	0.40	13.70	4.08	3.84	0.23
11.15	1.29	1.07	0.43	13.75	4.09	3.85	0.23
11.20	1.31	1.10	0.45	13.80	4.10	3.86	0.22
11.25	1.34	1.12	0.48	13.85	4.11	3.88	0.22
11.30	1.37	1.15	0.50	13.90	4.12	3.89	0.22
11.35	1.40	1.18	0.53	13.95	4.13	3.90	0.21
11.40	1.43	1.21	0.55	14.00	4.15	3.91	0.21
11.45	1.47	1.25	0.57	14.05	4.16	3.92	0.21
11.50	1.50	1.28	0.60	14.10	4.17	3.93	0.20
11.55	1.55	1.33	0.71	14.15	4.18	3.94	0.20
11.60	1.60	1.38	0.88	14.20	4.19	3.95	0.19
11.65	1.65	1.43	0.94	14.25	4.20	3.96	0.19
11.70	1.71	1.49	0.97	14.30	4.21	3.97	0.19
11.75	1.78	1.56	1.11	14.35	4.22	3.98	0.18
11.80	1.86	1.63	1.29	14.40	4.23	3.99	0.18
11.85	1.96	1.73	1.52	14.45	4.24	4.00	0.18
11.90	2.06	1.84	1.80	14.50	4.25	4.01	0.17
11.95	2.24	2.01	2.33	14.55	4.26	4.02	0.17
12.00	2.42	2.19	3.05	14.60	4.27	4.03	0.17
12.05	2.71	2.48	3.95	14.65	4.27	4.04	0.16
12.10	3.01	2.78	5.07	14.70	4.28	4.05	0.16
12.15	3.11	2.88	4.15	14.75	4.29	4.06	0.16
12.20	3.21	2.98	2.40	14.80	4.30	4.06	0.15
12.25	3.29	3.05	1.79	14.85	4.31	4.07	0.15
12.30	3.36	3.13	1.45	14.90	4.31	4.08	0.15
12.35	3.42	3.18	1.24	14.95	4.32	4.09	0.14
12.40	3.47	3.24	1.05	15.00	4.33	4.09	0.14
12.45	3.52	3.29	0.98	15.05	4.34	4.10	0.14
12.50	3.57	3.34	0.95	15.10	4.34	4.11	0.13
12.55	3.60	3.37	0.83	15.15	4.35	4.12	0.13
12.60	3.64	3.40	0.66	15.20	4.36	4.12	0.13
12.65	3.67	3.43	0.60	15.25	4.36	4.13	0.13
12.70	3.70	3.47	0.58	15.30	4.37	4.14	0.13
12.75	3.73	3.49	0.55	15.35	4.38	4.14	0.13
12.80	3.76	3.52	0.53	15.40	4.39	4.15	0.13
12.85	3.78	3.55	0.50	15.45	4.39	4.16	0.12
12.90	3.81	3.57	0.48	15.50	4.40	4.16	0.12
12.95	3.83	3.60	0.45	15.55	4.41	4.17	0.12

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.12	18.20	4.68	4.45	0.07
15.65	4.42	4.18	0.12	18.25	4.69	4.45	0.07
15.70	4.42	4.19	0.12	18.30	4.69	4.46	0.07
15.75	4.43	4.20	0.12	18.35	4.70	4.46	0.07
15.80	4.44	4.20	0.12	18.40	4.70	4.46	0.07
15.85	4.44	4.21	0.12	18.45	4.70	4.47	0.07
15.90	4.45	4.21	0.12	18.50	4.71	4.47	0.07
15.95	4.46	4.22	0.12	18.55	4.71	4.48	0.07
16.00	4.46	4.23	0.11	18.60	4.72	4.48	0.07
16.05	4.47	4.23	0.11	18.65	4.72	4.48	0.07
16.10	4.47	4.24	0.11	18.70	4.72	4.49	0.07
16.15	4.48	4.24	0.11	18.75	4.73	4.49	0.07
16.20	4.49	4.25	0.11	18.80	4.73	4.50	0.07
16.25	4.49	4.26	0.11	18.85	4.74	4.50	0.07
16.30	4.50	4.26	0.11	18.90	4.74	4.50	0.07
16.35	4.50	4.27	0.11	18.95	4.74	4.51	0.07
16.40	4.51	4.27	0.11	19.00	4.75	4.51	0.07
16.45	4.52	4.28	0.11	19.05	4.75	4.51	0.07
16.50	4.52	4.29	0.10	19.10	4.76	4.52	0.07
16.55	4.53	4.29	0.10	19.15	4.76	4.52	0.07
16.60	4.53	4.30	0.10	19.20	4.76	4.53	0.07
16.65	4.54	4.30	0.10	19.25	4.77	4.53	0.07
16.70	4.54	4.31	0.10	19.30	4.77	4.53	0.07
16.75	4.55	4.31	0.10	19.35	4.77	4.54	0.07
16.80	4.55	4.32	0.10	19.40	4.78	4.54	0.07
16.85	4.56	4.32	0.10	19.45	4.78	4.55	0.07
16.90	4.57	4.33	0.10	19.50	4.79	4.55	0.07
16.95	4.57	4.33	0.10	19.55	4.79	4.55	0.07
17.00	4.58	4.34	0.10	19.60	4.79	4.56	0.07
17.05	4.58	4.34	0.09	19.65	4.80	4.56	0.07
17.10	4.59	4.35	0.09	19.70	4.80	4.56	0.07
17.15	4.59	4.35	0.09	19.75	4.80	4.57	0.07
17.20	4.60	4.36	0.09	19.80	4.81	4.57	0.07
17.25	4.60	4.36	0.09	19.85	4.81	4.57	0.07
17.30	4.61	4.37	0.09	19.90	4.81	4.58	0.07
17.35	4.61	4.37	0.09	19.95	4.82	4.58	0.07
17.40	4.61	4.38	0.09	20.00	4.82	4.59	0.07
17.45	4.62	4.38	0.09	20.05	4.83	4.59	0.07
17.50	4.62	4.39	0.09	20.10	4.83	4.59	0.07
17.55	4.63	4.39	0.09	20.15	4.83	4.60	0.07
17.60	4.63	4.40	0.08	20.20	4.84	4.60	0.07
17.65	4.64	4.40	0.08	20.25	4.84	4.60	0.07
17.70	4.64	4.41	0.08	20.30	4.84	4.61	0.06
17.75	4.65	4.41	0.08	20.35	4.85	4.61	0.06
17.80	4.65	4.42	0.08	20.40	4.85	4.61	0.06
17.85	4.66	4.42	0.08	20.45	4.85	4.62	0.06
17.90	4.66	4.42	0.08	20.50	4.86	4.62	0.06
17.95	4.66	4.43	0.08	20.55	4.86	4.62	0.06
18.00	4.67	4.43	0.08	20.60	4.86	4.63	0.06
18.05	4.67	4.44	0.08	20.65	4.87	4.63	0.06
18.10	4.68	4.44	0.08	20.70	4.87	4.63	0.06
18.15	4.68	4.44	0.07	20.75	4.87	4.64	0.06

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.06	23.40	5.04	4.80	0.05
20.85	4.88	4.64	0.06	23.45	5.04	4.80	0.05
20.90	4.88	4.65	0.06	23.50	5.04	4.81	0.05
20.95	4.89	4.65	0.06	23.55	5.04	4.81	0.05
21.00	4.89	4.65	0.06	23.60	5.05	4.81	0.05
21.05	4.89	4.66	0.06	23.65	5.05	4.81	0.05
21.10	4.90	4.66	0.06	23.70	5.05	4.82	0.05
21.15	4.90	4.66	0.06	23.75	5.06	4.82	0.05
21.20	4.90	4.67	0.06	23.80	5.06	4.82	0.05
21.25	4.91	4.67	0.06	23.85	5.06	4.82	0.05
21.30	4.91	4.67	0.06	23.90	5.06	4.83	0.05
21.35	4.91	4.68	0.06	23.95	5.07	4.83	0.05
21.40	4.92	4.68	0.06	24.00	5.07	4.83	0.06
21.45	4.92	4.68	0.06	24.05	5.07	4.83	0.04
21.50	4.92	4.69	0.06	24.10	5.07	4.83	0.01
21.55	4.93	4.69	0.06	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.06	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.06	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.06	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.06	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.06	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.06	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.06	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.06	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.06	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.06	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.06	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.06	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.06	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.06	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.06	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.06	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.06	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.05	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.05	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.05	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.05	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.05	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.05	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.05	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.05	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.05	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.05	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.05	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.05	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.05	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.05	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.05	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.05	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.05	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.05	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.05	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 49P: PDA-49 (pervious)

Runoff = 3.63 cfs @ 12.13 hrs, Volume= 0.237 af, Depth= 2.42"
 Routed to Pond B-49 : Basin #49

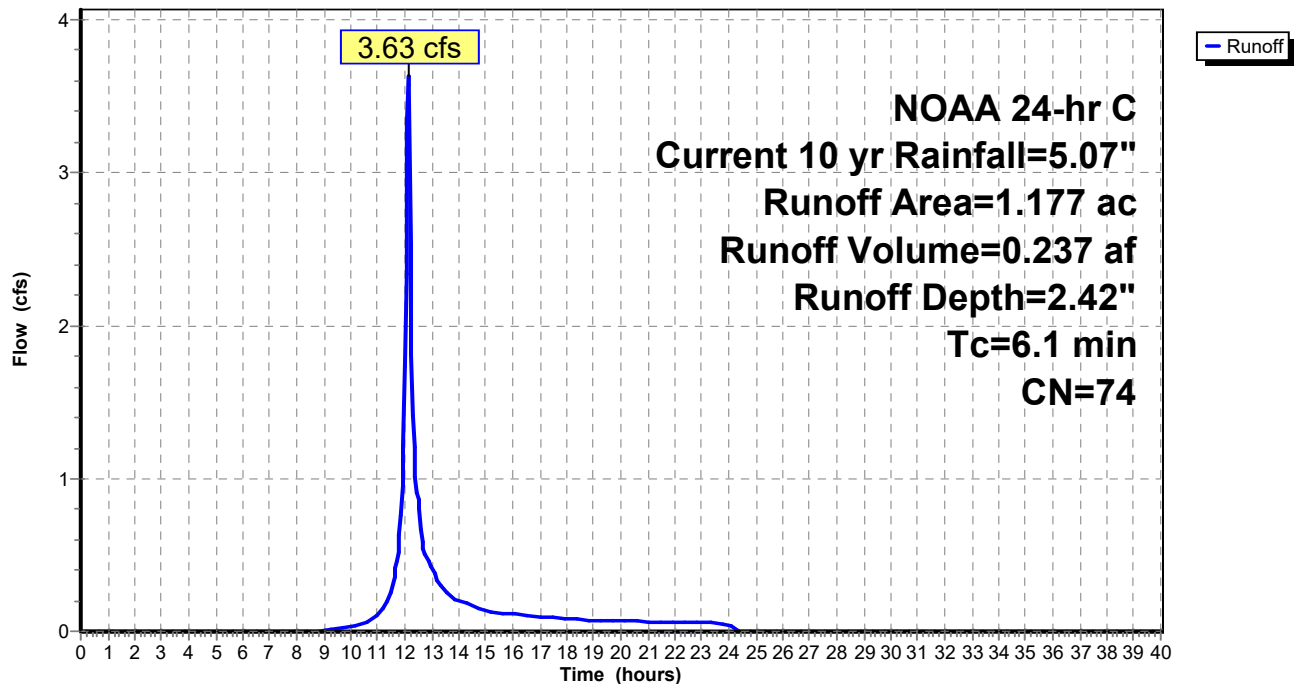
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.177	74	>75% Grass cover, Good, HSG C
1.177		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 49P: PDA-49 (pervious)

Hydrograph



Hydrograph for Subcatchment 49P: PDA-49 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.02
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.02
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.02
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.02
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.03
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.03
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.03
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.03
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.03
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.04
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.04
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.04

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.04	13.00	3.85	1.49	0.41
10.45	1.03	0.03	0.05	13.05	3.87	1.50	0.39
10.50	1.04	0.03	0.05	13.10	3.89	1.52	0.36
10.55	1.06	0.03	0.05	13.15	3.91	1.53	0.35
10.60	1.07	0.04	0.06	13.20	3.93	1.55	0.33
10.65	1.09	0.04	0.06	13.25	3.95	1.56	0.32
10.70	1.10	0.04	0.07	13.30	3.97	1.57	0.31
10.75	1.12	0.04	0.07	13.35	3.98	1.58	0.30
10.80	1.14	0.05	0.08	13.40	4.00	1.59	0.28
10.85	1.16	0.05	0.08	13.45	4.01	1.60	0.27
10.90	1.18	0.06	0.09	13.50	4.03	1.61	0.26
10.95	1.20	0.06	0.10	13.55	4.04	1.62	0.25
11.00	1.22	0.07	0.10	13.60	4.05	1.63	0.23
11.05	1.24	0.07	0.11	13.65	4.06	1.64	0.23
11.10	1.26	0.08	0.12	13.70	4.08	1.65	0.22
11.15	1.29	0.08	0.14	13.75	4.09	1.66	0.22
11.20	1.31	0.09	0.15	13.80	4.10	1.67	0.21
11.25	1.34	0.10	0.16	13.85	4.11	1.68	0.21
11.30	1.37	0.11	0.18	13.90	4.12	1.69	0.21
11.35	1.40	0.12	0.19	13.95	4.13	1.70	0.21
11.40	1.43	0.13	0.21	14.00	4.15	1.70	0.20
11.45	1.47	0.14	0.22	14.05	4.16	1.71	0.20
11.50	1.50	0.15	0.24	14.10	4.17	1.72	0.20
11.55	1.55	0.16	0.28	14.15	4.18	1.73	0.19
11.60	1.60	0.18	0.36	14.20	4.19	1.74	0.19
11.65	1.65	0.20	0.42	14.25	4.20	1.74	0.19
11.70	1.71	0.22	0.46	14.30	4.21	1.75	0.18
11.75	1.78	0.25	0.52	14.35	4.22	1.76	0.18
11.80	1.86	0.29	0.63	14.40	4.23	1.77	0.18
11.85	1.96	0.33	0.76	14.45	4.24	1.77	0.17
11.90	2.06	0.38	0.95	14.50	4.25	1.78	0.17
11.95	2.24	0.47	1.22	14.55	4.26	1.79	0.17
12.00	2.42	0.56	1.74	14.60	4.27	1.79	0.16
12.05	2.71	0.73	2.34	14.65	4.27	1.80	0.16
12.10	3.01	0.91	3.33	14.70	4.28	1.81	0.16
12.15	3.11	0.98	3.57	14.75	4.29	1.81	0.15
12.20	3.21	1.05	2.53	14.80	4.30	1.82	0.15
12.25	3.29	1.10	1.81	14.85	4.31	1.82	0.15
12.30	3.36	1.15	1.41	14.90	4.31	1.83	0.14
12.35	3.42	1.18	1.20	14.95	4.32	1.84	0.14
12.40	3.47	1.22	1.01	15.00	4.33	1.84	0.14
12.45	3.52	1.25	0.91	15.05	4.34	1.85	0.13
12.50	3.57	1.29	0.86	15.10	4.34	1.85	0.13
12.55	3.60	1.31	0.80	15.15	4.35	1.86	0.13
12.60	3.64	1.34	0.66	15.20	4.36	1.86	0.13
12.65	3.67	1.36	0.58	15.25	4.36	1.87	0.13
12.70	3.70	1.38	0.54	15.30	4.37	1.87	0.13
12.75	3.73	1.40	0.52	15.35	4.38	1.88	0.12
12.80	3.76	1.42	0.49	15.40	4.39	1.88	0.12
12.85	3.78	1.44	0.48	15.45	4.39	1.89	0.12
12.90	3.81	1.46	0.45	15.50	4.40	1.89	0.12
12.95	3.83	1.47	0.43	15.55	4.41	1.90	0.12

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.12	18.20	4.68	2.12	0.08
15.65	4.42	1.91	0.12	18.25	4.69	2.12	0.08
15.70	4.42	1.91	0.12	18.30	4.69	2.12	0.07
15.75	4.43	1.92	0.12	18.35	4.70	2.12	0.07
15.80	4.44	1.92	0.12	18.40	4.70	2.13	0.07
15.85	4.44	1.93	0.12	18.45	4.70	2.13	0.07
15.90	4.45	1.93	0.12	18.50	4.71	2.13	0.07
15.95	4.46	1.94	0.11	18.55	4.71	2.14	0.07
16.00	4.46	1.94	0.11	18.60	4.72	2.14	0.07
16.05	4.47	1.95	0.11	18.65	4.72	2.14	0.07
16.10	4.47	1.95	0.11	18.70	4.72	2.15	0.07
16.15	4.48	1.96	0.11	18.75	4.73	2.15	0.07
16.20	4.49	1.96	0.11	18.80	4.73	2.15	0.07
16.25	4.49	1.97	0.11	18.85	4.74	2.16	0.07
16.30	4.50	1.97	0.11	18.90	4.74	2.16	0.07
16.35	4.50	1.98	0.11	18.95	4.74	2.16	0.07
16.40	4.51	1.98	0.11	19.00	4.75	2.16	0.07
16.45	4.52	1.98	0.11	19.05	4.75	2.17	0.07
16.50	4.52	1.99	0.10	19.10	4.76	2.17	0.07
16.55	4.53	1.99	0.10	19.15	4.76	2.17	0.07
16.60	4.53	2.00	0.10	19.20	4.76	2.18	0.07
16.65	4.54	2.00	0.10	19.25	4.77	2.18	0.07
16.70	4.54	2.01	0.10	19.30	4.77	2.18	0.07
16.75	4.55	2.01	0.10	19.35	4.77	2.19	0.07
16.80	4.55	2.01	0.10	19.40	4.78	2.19	0.07
16.85	4.56	2.02	0.10	19.45	4.78	2.19	0.07
16.90	4.57	2.02	0.10	19.50	4.79	2.19	0.07
16.95	4.57	2.03	0.10	19.55	4.79	2.20	0.07
17.00	4.58	2.03	0.10	19.60	4.79	2.20	0.07
17.05	4.58	2.03	0.10	19.65	4.80	2.20	0.07
17.10	4.59	2.04	0.09	19.70	4.80	2.21	0.07
17.15	4.59	2.04	0.09	19.75	4.80	2.21	0.07
17.20	4.60	2.05	0.09	19.80	4.81	2.21	0.07
17.25	4.60	2.05	0.09	19.85	4.81	2.21	0.07
17.30	4.61	2.05	0.09	19.90	4.81	2.22	0.07
17.35	4.61	2.06	0.09	19.95	4.82	2.22	0.07
17.40	4.61	2.06	0.09	20.00	4.82	2.22	0.07
17.45	4.62	2.06	0.09	20.05	4.83	2.23	0.07
17.50	4.62	2.07	0.09	20.10	4.83	2.23	0.07
17.55	4.63	2.07	0.09	20.15	4.83	2.23	0.07
17.60	4.63	2.08	0.09	20.20	4.84	2.23	0.07
17.65	4.64	2.08	0.08	20.25	4.84	2.24	0.07
17.70	4.64	2.08	0.08	20.30	4.84	2.24	0.07
17.75	4.65	2.09	0.08	20.35	4.85	2.24	0.07
17.80	4.65	2.09	0.08	20.40	4.85	2.25	0.07
17.85	4.66	2.09	0.08	20.45	4.85	2.25	0.07
17.90	4.66	2.10	0.08	20.50	4.86	2.25	0.07
17.95	4.66	2.10	0.08	20.55	4.86	2.25	0.07
18.00	4.67	2.10	0.08	20.60	4.86	2.26	0.07
18.05	4.67	2.11	0.08	20.65	4.87	2.26	0.07
18.10	4.68	2.11	0.08	20.70	4.87	2.26	0.06
18.15	4.68	2.11	0.08	20.75	4.87	2.26	0.06

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.06	23.40	5.04	2.39	0.05
20.85	4.88	2.27	0.06	23.45	5.04	2.40	0.05
20.90	4.88	2.27	0.06	23.50	5.04	2.40	0.05
20.95	4.89	2.28	0.06	23.55	5.04	2.40	0.05
21.00	4.89	2.28	0.06	23.60	5.05	2.40	0.05
21.05	4.89	2.28	0.06	23.65	5.05	2.40	0.05
21.10	4.90	2.28	0.06	23.70	5.05	2.41	0.05
21.15	4.90	2.29	0.06	23.75	5.06	2.41	0.05
21.20	4.90	2.29	0.06	23.80	5.06	2.41	0.05
21.25	4.91	2.29	0.06	23.85	5.06	2.41	0.05
21.30	4.91	2.29	0.06	23.90	5.06	2.42	0.05
21.35	4.91	2.30	0.06	23.95	5.07	2.42	0.05
21.40	4.92	2.30	0.06	24.00	5.07	2.42	0.06
21.45	4.92	2.30	0.06	24.05	5.07	2.42	0.05
21.50	4.92	2.30	0.06	24.10	5.07	2.42	0.02
21.55	4.93	2.31	0.06	24.15	5.07	2.42	0.01
21.60	4.93	2.31	0.06	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.06	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.06	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.06	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.06	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.06	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.06	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.06	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.06	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.06	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.06	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.06	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.06	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.06	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.06	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.06	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.06	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.06	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.06	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.06	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.06	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.06	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.06	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.06	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.05	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.05	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.05	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.05	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.05	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.05	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.05	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.05	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.05	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.05	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.05	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.05	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment 50I: PDA-50 (impervious)

Runoff = 3.92 cfs @ 12.09 hrs, Volume= 0.267 af, Depth= 4.83"
 Routed to Pond B-50 : Basin #50

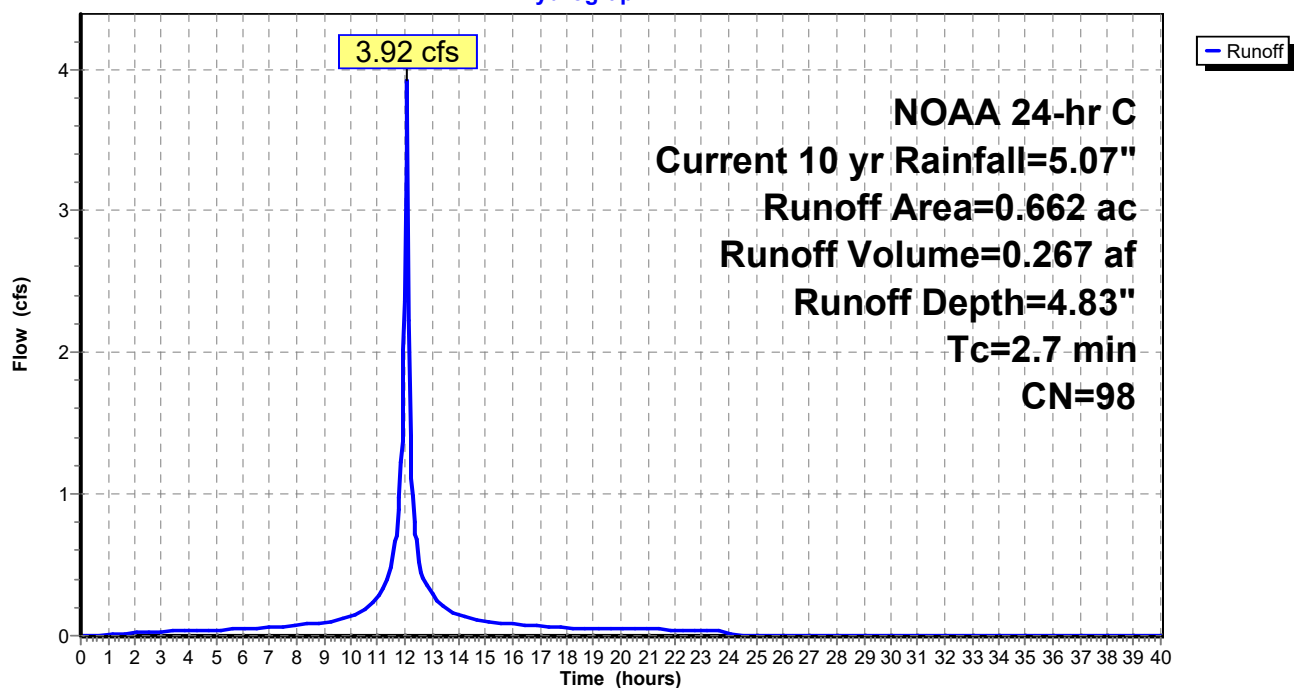
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
* 0.291	98	Pavement, HSG C
* 0.325	98	Roof, HSG C
* 0.046	98	Concrete, HSG C
0.662	98	Weighted Average
0.662		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7					Direct Entry,

Subcatchment 50I: PDA-50 (impervious)

Hydrograph



Hydrograph for Subcatchment 50I: PDA-50 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.04	0.02
0.05	0.00	0.00	0.00	2.65	0.16	0.04	0.03
0.10	0.01	0.00	0.00	2.70	0.16	0.04	0.03
0.15	0.01	0.00	0.00	2.75	0.16	0.05	0.03
0.20	0.01	0.00	0.00	2.80	0.17	0.05	0.03
0.25	0.01	0.00	0.00	2.85	0.17	0.05	0.03
0.30	0.02	0.00	0.00	2.90	0.17	0.05	0.03
0.35	0.02	0.00	0.00	2.95	0.18	0.05	0.03
0.40	0.02	0.00	0.00	3.00	0.18	0.06	0.03
0.45	0.03	0.00	0.00	3.05	0.18	0.06	0.03
0.50	0.03	0.00	0.00	3.10	0.19	0.06	0.03
0.55	0.03	0.00	0.00	3.15	0.19	0.06	0.03
0.60	0.03	0.00	0.00	3.20	0.19	0.06	0.03
0.65	0.04	0.00	0.00	3.25	0.20	0.07	0.03
0.70	0.04	0.00	0.00	3.30	0.20	0.07	0.03
0.75	0.04	0.00	0.00	3.35	0.20	0.07	0.03
0.80	0.04	0.00	0.00	3.40	0.21	0.07	0.03
0.85	0.05	0.00	0.00	3.45	0.21	0.08	0.03
0.90	0.05	0.00	0.00	3.50	0.21	0.08	0.03
0.95	0.05	0.00	0.00	3.55	0.22	0.08	0.03
1.00	0.06	0.00	0.00	3.60	0.22	0.08	0.03
1.05	0.06	0.00	0.01	3.65	0.22	0.09	0.03
1.10	0.06	0.00	0.01	3.70	0.23	0.09	0.03
1.15	0.06	0.00	0.01	3.75	0.23	0.09	0.03
1.20	0.07	0.00	0.01	3.80	0.23	0.09	0.03
1.25	0.07	0.00	0.01	3.85	0.24	0.10	0.03
1.30	0.07	0.00	0.01	3.90	0.24	0.10	0.04
1.35	0.08	0.01	0.01	3.95	0.24	0.10	0.04
1.40	0.08	0.01	0.01	4.00	0.25	0.10	0.04
1.45	0.08	0.01	0.01	4.05	0.25	0.11	0.04
1.50	0.08	0.01	0.01	4.10	0.26	0.11	0.04
1.55	0.09	0.01	0.01	4.15	0.26	0.11	0.04
1.60	0.09	0.01	0.01	4.20	0.26	0.12	0.04
1.65	0.09	0.01	0.01	4.25	0.27	0.12	0.04
1.70	0.10	0.01	0.01	4.30	0.27	0.12	0.04
1.75	0.10	0.01	0.02	4.35	0.27	0.12	0.04
1.80	0.10	0.01	0.02	4.40	0.28	0.13	0.04
1.85	0.11	0.02	0.02	4.45	0.28	0.13	0.04
1.90	0.11	0.02	0.02	4.50	0.28	0.13	0.04
1.95	0.11	0.02	0.02	4.55	0.29	0.14	0.04
2.00	0.11	0.02	0.02	4.60	0.29	0.14	0.04
2.05	0.12	0.02	0.02	4.65	0.30	0.14	0.04
2.10	0.12	0.02	0.02	4.70	0.30	0.14	0.04
2.15	0.12	0.02	0.02	4.75	0.30	0.15	0.04
2.20	0.13	0.03	0.02	4.80	0.31	0.15	0.04
2.25	0.13	0.03	0.02	4.85	0.31	0.15	0.04
2.30	0.13	0.03	0.02	4.90	0.31	0.16	0.04
2.35	0.14	0.03	0.02	4.95	0.32	0.16	0.04
2.40	0.14	0.03	0.02	5.00	0.32	0.16	0.04
2.45	0.14	0.03	0.02	5.05	0.33	0.17	0.04
2.50	0.15	0.04	0.02	5.10	0.33	0.17	0.04
2.55	0.15	0.04	0.02	5.15	0.33	0.17	0.04

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.18	0.04	7.80	0.58	0.39	0.07
5.25	0.34	0.18	0.04	7.85	0.59	0.40	0.07
5.30	0.35	0.18	0.04	7.90	0.60	0.41	0.07
5.35	0.35	0.19	0.04	7.95	0.60	0.41	0.08
5.40	0.35	0.19	0.04	8.00	0.61	0.42	0.08
5.45	0.36	0.19	0.04	8.05	0.61	0.42	0.08
5.50	0.36	0.20	0.04	8.10	0.62	0.43	0.08
5.55	0.37	0.20	0.05	8.15	0.63	0.43	0.08
5.60	0.37	0.20	0.05	8.20	0.63	0.44	0.08
5.65	0.37	0.21	0.05	8.25	0.64	0.45	0.08
5.70	0.38	0.21	0.05	8.30	0.65	0.45	0.08
5.75	0.38	0.21	0.05	8.35	0.65	0.46	0.08
5.80	0.39	0.22	0.05	8.40	0.66	0.46	0.08
5.85	0.39	0.22	0.05	8.45	0.66	0.47	0.08
5.90	0.39	0.22	0.05	8.50	0.67	0.48	0.08
5.95	0.40	0.23	0.05	8.55	0.68	0.48	0.08
6.00	0.40	0.23	0.05	8.60	0.68	0.49	0.08
6.05	0.41	0.23	0.05	8.65	0.69	0.50	0.09
6.10	0.41	0.24	0.05	8.70	0.70	0.50	0.09
6.15	0.41	0.24	0.05	8.75	0.71	0.51	0.09
6.20	0.42	0.25	0.05	8.80	0.71	0.51	0.09
6.25	0.42	0.25	0.05	8.85	0.72	0.52	0.09
6.30	0.43	0.25	0.05	8.90	0.73	0.53	0.09
6.35	0.43	0.26	0.05	8.95	0.73	0.53	0.09
6.40	0.44	0.26	0.05	9.00	0.74	0.54	0.09
6.45	0.44	0.27	0.05	9.05	0.75	0.55	0.09
6.50	0.45	0.27	0.05	9.10	0.76	0.56	0.09
6.55	0.45	0.27	0.06	9.15	0.76	0.56	0.10
6.60	0.46	0.28	0.06	9.20	0.77	0.57	0.10
6.65	0.46	0.28	0.06	9.25	0.78	0.58	0.10
6.70	0.46	0.29	0.06	9.30	0.79	0.59	0.11
6.75	0.47	0.29	0.06	9.35	0.80	0.59	0.11
6.80	0.47	0.29	0.06	9.40	0.80	0.60	0.11
6.85	0.48	0.30	0.06	9.45	0.81	0.61	0.11
6.90	0.48	0.30	0.06	9.50	0.82	0.62	0.11
6.95	0.49	0.31	0.06	9.55	0.83	0.63	0.12
7.00	0.49	0.31	0.06	9.60	0.84	0.64	0.12
7.05	0.50	0.32	0.06	9.65	0.85	0.65	0.12
7.10	0.50	0.32	0.06	9.70	0.86	0.66	0.13
7.15	0.51	0.33	0.06	9.75	0.87	0.67	0.13
7.20	0.52	0.33	0.06	9.80	0.88	0.68	0.13
7.25	0.52	0.34	0.06	9.85	0.89	0.69	0.13
7.30	0.53	0.34	0.07	9.90	0.90	0.70	0.14
7.35	0.53	0.35	0.07	9.95	0.91	0.71	0.14
7.40	0.54	0.35	0.07	10.00	0.92	0.72	0.14
7.45	0.54	0.36	0.07	10.05	0.94	0.73	0.14
7.50	0.55	0.36	0.07	10.10	0.95	0.74	0.15
7.55	0.55	0.37	0.07	10.15	0.96	0.75	0.15
7.60	0.56	0.37	0.07	10.20	0.97	0.76	0.15
7.65	0.57	0.38	0.07	10.25	0.98	0.77	0.15
7.70	0.57	0.38	0.07	10.30	0.99	0.79	0.16
7.75	0.58	0.39	0.07	10.35	1.01	0.80	0.16

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.81	0.16	13.00	3.85	3.62	0.30
10.45	1.03	0.82	0.16	13.05	3.87	3.64	0.28
10.50	1.04	0.83	0.17	13.10	3.89	3.66	0.27
10.55	1.06	0.85	0.18	13.15	3.91	3.68	0.25
10.60	1.07	0.86	0.19	13.20	3.93	3.70	0.25
10.65	1.09	0.88	0.20	13.25	3.95	3.71	0.24
10.70	1.10	0.89	0.20	13.30	3.97	3.73	0.23
10.75	1.12	0.91	0.22	13.35	3.98	3.75	0.22
10.80	1.14	0.93	0.22	13.40	4.00	3.76	0.21
10.85	1.16	0.94	0.24	13.45	4.01	3.78	0.20
10.90	1.18	0.96	0.24	13.50	4.03	3.79	0.19
10.95	1.20	0.98	0.26	13.55	4.04	3.80	0.18
11.00	1.22	1.00	0.26	13.60	4.05	3.82	0.17
11.05	1.24	1.02	0.29	13.65	4.06	3.83	0.17
11.10	1.26	1.05	0.30	13.70	4.08	3.84	0.17
11.15	1.29	1.07	0.32	13.75	4.09	3.85	0.16
11.20	1.31	1.10	0.33	13.80	4.10	3.86	0.16
11.25	1.34	1.12	0.36	13.85	4.11	3.88	0.16
11.30	1.37	1.15	0.37	13.90	4.12	3.89	0.16
11.35	1.40	1.18	0.39	13.95	4.13	3.90	0.15
11.40	1.43	1.21	0.41	14.00	4.15	3.91	0.15
11.45	1.47	1.25	0.43	14.05	4.16	3.92	0.15
11.50	1.50	1.28	0.44	14.10	4.17	3.93	0.15
11.55	1.55	1.33	0.59	14.15	4.18	3.94	0.14
11.60	1.60	1.38	0.67	14.20	4.19	3.95	0.14
11.65	1.65	1.43	0.70	14.25	4.20	3.96	0.14
11.70	1.71	1.49	0.72	14.30	4.21	3.97	0.14
11.75	1.78	1.56	0.89	14.35	4.22	3.98	0.13
11.80	1.86	1.63	0.98	14.40	4.23	3.99	0.13
11.85	1.96	1.73	1.23	14.45	4.24	4.00	0.13
11.90	2.06	1.84	1.37	14.50	4.25	4.01	0.13
11.95	2.24	2.01	2.02	14.55	4.26	4.02	0.12
12.00	2.42	2.19	2.36	14.60	4.27	4.03	0.12
12.05	2.71	2.48	3.40	14.65	4.27	4.04	0.12
12.10	3.01	2.78	3.84	14.70	4.28	4.05	0.11
12.15	3.11	2.88	2.22	14.75	4.29	4.06	0.11
12.20	3.21	2.98	1.41	14.80	4.30	4.06	0.11
12.25	3.29	3.05	1.11	14.85	4.31	4.07	0.11
12.30	3.36	3.13	0.99	14.90	4.31	4.08	0.10
12.35	3.42	3.18	0.81	14.95	4.32	4.09	0.10
12.40	3.47	3.24	0.72	15.00	4.33	4.09	0.10
12.45	3.52	3.29	0.69	15.05	4.34	4.10	0.10
12.50	3.57	3.34	0.68	15.10	4.34	4.11	0.09
12.55	3.60	3.37	0.52	15.15	4.35	4.12	0.09
12.60	3.64	3.40	0.45	15.20	4.36	4.12	0.09
12.65	3.67	3.43	0.42	15.25	4.36	4.13	0.09
12.70	3.70	3.47	0.41	15.30	4.37	4.14	0.09
12.75	3.73	3.49	0.39	15.35	4.38	4.14	0.09
12.80	3.76	3.52	0.38	15.40	4.39	4.15	0.09
12.85	3.78	3.55	0.35	15.45	4.39	4.16	0.09
12.90	3.81	3.57	0.34	15.50	4.40	4.16	0.09
12.95	3.83	3.60	0.32	15.55	4.41	4.17	0.09

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	4.18	0.09	18.20	4.68	4.45	0.05
15.65	4.42	4.18	0.09	18.25	4.69	4.45	0.05
15.70	4.42	4.19	0.09	18.30	4.69	4.46	0.05
15.75	4.43	4.20	0.09	18.35	4.70	4.46	0.05
15.80	4.44	4.20	0.09	18.40	4.70	4.46	0.05
15.85	4.44	4.21	0.08	18.45	4.70	4.47	0.05
15.90	4.45	4.21	0.08	18.50	4.71	4.47	0.05
15.95	4.46	4.22	0.08	18.55	4.71	4.48	0.05
16.00	4.46	4.23	0.08	18.60	4.72	4.48	0.05
16.05	4.47	4.23	0.08	18.65	4.72	4.48	0.05
16.10	4.47	4.24	0.08	18.70	4.72	4.49	0.05
16.15	4.48	4.24	0.08	18.75	4.73	4.49	0.05
16.20	4.49	4.25	0.08	18.80	4.73	4.50	0.05
16.25	4.49	4.26	0.08	18.85	4.74	4.50	0.05
16.30	4.50	4.26	0.08	18.90	4.74	4.50	0.05
16.35	4.50	4.27	0.08	18.95	4.74	4.51	0.05
16.40	4.51	4.27	0.08	19.00	4.75	4.51	0.05
16.45	4.52	4.28	0.08	19.05	4.75	4.51	0.05
16.50	4.52	4.29	0.08	19.10	4.76	4.52	0.05
16.55	4.53	4.29	0.07	19.15	4.76	4.52	0.05
16.60	4.53	4.30	0.07	19.20	4.76	4.53	0.05
16.65	4.54	4.30	0.07	19.25	4.77	4.53	0.05
16.70	4.54	4.31	0.07	19.30	4.77	4.53	0.05
16.75	4.55	4.31	0.07	19.35	4.77	4.54	0.05
16.80	4.55	4.32	0.07	19.40	4.78	4.54	0.05
16.85	4.56	4.32	0.07	19.45	4.78	4.55	0.05
16.90	4.57	4.33	0.07	19.50	4.79	4.55	0.05
16.95	4.57	4.33	0.07	19.55	4.79	4.55	0.05
17.00	4.58	4.34	0.07	19.60	4.79	4.56	0.05
17.05	4.58	4.34	0.07	19.65	4.80	4.56	0.05
17.10	4.59	4.35	0.07	19.70	4.80	4.56	0.05
17.15	4.59	4.35	0.07	19.75	4.80	4.57	0.05
17.20	4.60	4.36	0.07	19.80	4.81	4.57	0.05
17.25	4.60	4.36	0.07	19.85	4.81	4.57	0.05
17.30	4.61	4.37	0.06	19.90	4.81	4.58	0.05
17.35	4.61	4.37	0.06	19.95	4.82	4.58	0.05
17.40	4.61	4.38	0.06	20.00	4.82	4.59	0.05
17.45	4.62	4.38	0.06	20.05	4.83	4.59	0.05
17.50	4.62	4.39	0.06	20.10	4.83	4.59	0.05
17.55	4.63	4.39	0.06	20.15	4.83	4.60	0.05
17.60	4.63	4.40	0.06	20.20	4.84	4.60	0.05
17.65	4.64	4.40	0.06	20.25	4.84	4.60	0.05
17.70	4.64	4.41	0.06	20.30	4.84	4.61	0.05
17.75	4.65	4.41	0.06	20.35	4.85	4.61	0.05
17.80	4.65	4.42	0.06	20.40	4.85	4.61	0.05
17.85	4.66	4.42	0.06	20.45	4.85	4.62	0.05
17.90	4.66	4.42	0.06	20.50	4.86	4.62	0.05
17.95	4.66	4.43	0.06	20.55	4.86	4.62	0.05
18.00	4.67	4.43	0.06	20.60	4.86	4.63	0.05
18.05	4.67	4.44	0.05	20.65	4.87	4.63	0.05
18.10	4.68	4.44	0.05	20.70	4.87	4.63	0.05
18.15	4.68	4.44	0.05	20.75	4.87	4.64	0.05

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	4.64	0.05	23.40	5.04	4.80	0.04
20.85	4.88	4.64	0.05	23.45	5.04	4.80	0.04
20.90	4.88	4.65	0.04	23.50	5.04	4.81	0.04
20.95	4.89	4.65	0.04	23.55	5.04	4.81	0.04
21.00	4.89	4.65	0.04	23.60	5.05	4.81	0.04
21.05	4.89	4.66	0.04	23.65	5.05	4.81	0.04
21.10	4.90	4.66	0.04	23.70	5.05	4.82	0.04
21.15	4.90	4.66	0.04	23.75	5.06	4.82	0.04
21.20	4.90	4.67	0.04	23.80	5.06	4.82	0.04
21.25	4.91	4.67	0.04	23.85	5.06	4.82	0.03
21.30	4.91	4.67	0.04	23.90	5.06	4.83	0.04
21.35	4.91	4.68	0.04	23.95	5.07	4.83	0.04
21.40	4.92	4.68	0.04	24.00	5.07	4.83	0.04
21.45	4.92	4.68	0.04	24.05	5.07	4.83	0.01
21.50	4.92	4.69	0.04	24.10	5.07	4.83	0.00
21.55	4.93	4.69	0.04	24.15	5.07	4.83	0.00
21.60	4.93	4.69	0.04	24.20	5.07	4.83	0.00
21.65	4.93	4.70	0.04	24.25	5.07	4.83	0.00
21.70	4.94	4.70	0.04	24.30	5.07	4.83	0.00
21.75	4.94	4.70	0.04	24.35	5.07	4.83	0.00
21.80	4.94	4.71	0.04	24.40	5.07	4.83	0.00
21.85	4.95	4.71	0.04	24.45	5.07	4.83	0.00
21.90	4.95	4.71	0.04	24.50	5.07	4.83	0.00
21.95	4.95	4.72	0.04	24.55	5.07	4.83	0.00
22.00	4.96	4.72	0.04	24.60	5.07	4.83	0.00
22.05	4.96	4.72	0.04	24.65	5.07	4.83	0.00
22.10	4.96	4.72	0.04	24.70	5.07	4.83	0.00
22.15	4.96	4.73	0.04	24.75	5.07	4.83	0.00
22.20	4.97	4.73	0.04	24.80	5.07	4.83	0.00
22.25	4.97	4.73	0.04	24.85	5.07	4.83	0.00
22.30	4.97	4.74	0.04	24.90	5.07	4.83	0.00
22.35	4.98	4.74	0.04	24.95	5.07	4.83	0.00
22.40	4.98	4.74	0.04	25.00	5.07	4.83	0.00
22.45	4.98	4.75	0.04	25.05	5.07	4.83	0.00
22.50	4.99	4.75	0.04	25.10	5.07	4.83	0.00
22.55	4.99	4.75	0.04	25.15	5.07	4.83	0.00
22.60	4.99	4.75	0.04	25.20	5.07	4.83	0.00
22.65	4.99	4.76	0.04	25.25	5.07	4.83	0.00
22.70	5.00	4.76	0.04	25.30	5.07	4.83	0.00
22.75	5.00	4.76	0.04	25.35	5.07	4.83	0.00
22.80	5.00	4.77	0.04	25.40	5.07	4.83	0.00
22.85	5.01	4.77	0.04	25.45	5.07	4.83	0.00
22.90	5.01	4.77	0.04	25.50	5.07	4.83	0.00
22.95	5.01	4.77	0.04	25.55	5.07	4.83	0.00
23.00	5.01	4.78	0.04	25.60	5.07	4.83	0.00
23.05	5.02	4.78	0.04	25.65	5.07	4.83	0.00
23.10	5.02	4.78	0.04	25.70	5.07	4.83	0.00
23.15	5.02	4.79	0.04	25.75	5.07	4.83	0.00
23.20	5.03	4.79	0.04	25.80	5.07	4.83	0.00
23.25	5.03	4.79	0.04	25.85	5.07	4.83	0.00
23.30	5.03	4.79	0.04	25.90	5.07	4.83	0.00
23.35	5.03	4.80	0.04	25.95	5.07	4.83	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	4.83	0.00	28.60	5.07	4.83	0.00
26.05	5.07	4.83	0.00	28.65	5.07	4.83	0.00
26.10	5.07	4.83	0.00	28.70	5.07	4.83	0.00
26.15	5.07	4.83	0.00	28.75	5.07	4.83	0.00
26.20	5.07	4.83	0.00	28.80	5.07	4.83	0.00
26.25	5.07	4.83	0.00	28.85	5.07	4.83	0.00
26.30	5.07	4.83	0.00	28.90	5.07	4.83	0.00
26.35	5.07	4.83	0.00	28.95	5.07	4.83	0.00
26.40	5.07	4.83	0.00	29.00	5.07	4.83	0.00
26.45	5.07	4.83	0.00	29.05	5.07	4.83	0.00
26.50	5.07	4.83	0.00	29.10	5.07	4.83	0.00
26.55	5.07	4.83	0.00	29.15	5.07	4.83	0.00
26.60	5.07	4.83	0.00	29.20	5.07	4.83	0.00
26.65	5.07	4.83	0.00	29.25	5.07	4.83	0.00
26.70	5.07	4.83	0.00	29.30	5.07	4.83	0.00
26.75	5.07	4.83	0.00	29.35	5.07	4.83	0.00
26.80	5.07	4.83	0.00	29.40	5.07	4.83	0.00
26.85	5.07	4.83	0.00	29.45	5.07	4.83	0.00
26.90	5.07	4.83	0.00	29.50	5.07	4.83	0.00
26.95	5.07	4.83	0.00	29.55	5.07	4.83	0.00
27.00	5.07	4.83	0.00	29.60	5.07	4.83	0.00
27.05	5.07	4.83	0.00	29.65	5.07	4.83	0.00
27.10	5.07	4.83	0.00	29.70	5.07	4.83	0.00
27.15	5.07	4.83	0.00	29.75	5.07	4.83	0.00
27.20	5.07	4.83	0.00	29.80	5.07	4.83	0.00
27.25	5.07	4.83	0.00	29.85	5.07	4.83	0.00
27.30	5.07	4.83	0.00	29.90	5.07	4.83	0.00
27.35	5.07	4.83	0.00	29.95	5.07	4.83	0.00
27.40	5.07	4.83	0.00	30.00	5.07	4.83	0.00
27.45	5.07	4.83	0.00	30.05	5.07	4.83	0.00
27.50	5.07	4.83	0.00	30.10	5.07	4.83	0.00
27.55	5.07	4.83	0.00	30.15	5.07	4.83	0.00
27.60	5.07	4.83	0.00	30.20	5.07	4.83	0.00
27.65	5.07	4.83	0.00	30.25	5.07	4.83	0.00
27.70	5.07	4.83	0.00	30.30	5.07	4.83	0.00
27.75	5.07	4.83	0.00	30.35	5.07	4.83	0.00
27.80	5.07	4.83	0.00	30.40	5.07	4.83	0.00
27.85	5.07	4.83	0.00	30.45	5.07	4.83	0.00
27.90	5.07	4.83	0.00	30.50	5.07	4.83	0.00
27.95	5.07	4.83	0.00	30.55	5.07	4.83	0.00
28.00	5.07	4.83	0.00	30.60	5.07	4.83	0.00
28.05	5.07	4.83	0.00	30.65	5.07	4.83	0.00
28.10	5.07	4.83	0.00	30.70	5.07	4.83	0.00
28.15	5.07	4.83	0.00	30.75	5.07	4.83	0.00
28.20	5.07	4.83	0.00	30.80	5.07	4.83	0.00
28.25	5.07	4.83	0.00	30.85	5.07	4.83	0.00
28.30	5.07	4.83	0.00	30.90	5.07	4.83	0.00
28.35	5.07	4.83	0.00	30.95	5.07	4.83	0.00
28.40	5.07	4.83	0.00	31.00	5.07	4.83	0.00
28.45	5.07	4.83	0.00	31.05	5.07	4.83	0.00
28.50	5.07	4.83	0.00	31.10	5.07	4.83	0.00
28.55	5.07	4.83	0.00	31.15	5.07	4.83	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	4.83	0.00	33.80	5.07	4.83	0.00
31.25	5.07	4.83	0.00	33.85	5.07	4.83	0.00
31.30	5.07	4.83	0.00	33.90	5.07	4.83	0.00
31.35	5.07	4.83	0.00	33.95	5.07	4.83	0.00
31.40	5.07	4.83	0.00	34.00	5.07	4.83	0.00
31.45	5.07	4.83	0.00	34.05	5.07	4.83	0.00
31.50	5.07	4.83	0.00	34.10	5.07	4.83	0.00
31.55	5.07	4.83	0.00	34.15	5.07	4.83	0.00
31.60	5.07	4.83	0.00	34.20	5.07	4.83	0.00
31.65	5.07	4.83	0.00	34.25	5.07	4.83	0.00
31.70	5.07	4.83	0.00	34.30	5.07	4.83	0.00
31.75	5.07	4.83	0.00	34.35	5.07	4.83	0.00
31.80	5.07	4.83	0.00	34.40	5.07	4.83	0.00
31.85	5.07	4.83	0.00	34.45	5.07	4.83	0.00
31.90	5.07	4.83	0.00	34.50	5.07	4.83	0.00
31.95	5.07	4.83	0.00	34.55	5.07	4.83	0.00
32.00	5.07	4.83	0.00	34.60	5.07	4.83	0.00
32.05	5.07	4.83	0.00	34.65	5.07	4.83	0.00
32.10	5.07	4.83	0.00	34.70	5.07	4.83	0.00
32.15	5.07	4.83	0.00	34.75	5.07	4.83	0.00
32.20	5.07	4.83	0.00	34.80	5.07	4.83	0.00
32.25	5.07	4.83	0.00	34.85	5.07	4.83	0.00
32.30	5.07	4.83	0.00	34.90	5.07	4.83	0.00
32.35	5.07	4.83	0.00	34.95	5.07	4.83	0.00
32.40	5.07	4.83	0.00	35.00	5.07	4.83	0.00
32.45	5.07	4.83	0.00	35.05	5.07	4.83	0.00
32.50	5.07	4.83	0.00	35.10	5.07	4.83	0.00
32.55	5.07	4.83	0.00	35.15	5.07	4.83	0.00
32.60	5.07	4.83	0.00	35.20	5.07	4.83	0.00
32.65	5.07	4.83	0.00	35.25	5.07	4.83	0.00
32.70	5.07	4.83	0.00	35.30	5.07	4.83	0.00
32.75	5.07	4.83	0.00	35.35	5.07	4.83	0.00
32.80	5.07	4.83	0.00	35.40	5.07	4.83	0.00
32.85	5.07	4.83	0.00	35.45	5.07	4.83	0.00
32.90	5.07	4.83	0.00	35.50	5.07	4.83	0.00
32.95	5.07	4.83	0.00	35.55	5.07	4.83	0.00
33.00	5.07	4.83	0.00	35.60	5.07	4.83	0.00
33.05	5.07	4.83	0.00	35.65	5.07	4.83	0.00
33.10	5.07	4.83	0.00	35.70	5.07	4.83	0.00
33.15	5.07	4.83	0.00	35.75	5.07	4.83	0.00
33.20	5.07	4.83	0.00	35.80	5.07	4.83	0.00
33.25	5.07	4.83	0.00	35.85	5.07	4.83	0.00
33.30	5.07	4.83	0.00	35.90	5.07	4.83	0.00
33.35	5.07	4.83	0.00	35.95	5.07	4.83	0.00
33.40	5.07	4.83	0.00	36.00	5.07	4.83	0.00
33.45	5.07	4.83	0.00	36.05	5.07	4.83	0.00
33.50	5.07	4.83	0.00	36.10	5.07	4.83	0.00
33.55	5.07	4.83	0.00	36.15	5.07	4.83	0.00
33.60	5.07	4.83	0.00	36.20	5.07	4.83	0.00
33.65	5.07	4.83	0.00	36.25	5.07	4.83	0.00
33.70	5.07	4.83	0.00	36.30	5.07	4.83	0.00
33.75	5.07	4.83	0.00	36.35	5.07	4.83	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	4.83	0.00	39.00	5.07	4.83	0.00
36.45	5.07	4.83	0.00	39.05	5.07	4.83	0.00
36.50	5.07	4.83	0.00	39.10	5.07	4.83	0.00
36.55	5.07	4.83	0.00	39.15	5.07	4.83	0.00
36.60	5.07	4.83	0.00	39.20	5.07	4.83	0.00
36.65	5.07	4.83	0.00	39.25	5.07	4.83	0.00
36.70	5.07	4.83	0.00	39.30	5.07	4.83	0.00
36.75	5.07	4.83	0.00	39.35	5.07	4.83	0.00
36.80	5.07	4.83	0.00	39.40	5.07	4.83	0.00
36.85	5.07	4.83	0.00	39.45	5.07	4.83	0.00
36.90	5.07	4.83	0.00	39.50	5.07	4.83	0.00
36.95	5.07	4.83	0.00	39.55	5.07	4.83	0.00
37.00	5.07	4.83	0.00	39.60	5.07	4.83	0.00
37.05	5.07	4.83	0.00	39.65	5.07	4.83	0.00
37.10	5.07	4.83	0.00	39.70	5.07	4.83	0.00
37.15	5.07	4.83	0.00	39.75	5.07	4.83	0.00
37.20	5.07	4.83	0.00	39.80	5.07	4.83	0.00
37.25	5.07	4.83	0.00	39.85	5.07	4.83	0.00
37.30	5.07	4.83	0.00	39.90	5.07	4.83	0.00
37.35	5.07	4.83	0.00	39.95	5.07	4.83	0.00
37.40	5.07	4.83	0.00	40.00	5.07	4.83	0.00
37.45	5.07	4.83	0.00				
37.50	5.07	4.83	0.00				
37.55	5.07	4.83	0.00				
37.60	5.07	4.83	0.00				
37.65	5.07	4.83	0.00				
37.70	5.07	4.83	0.00				
37.75	5.07	4.83	0.00				
37.80	5.07	4.83	0.00				
37.85	5.07	4.83	0.00				
37.90	5.07	4.83	0.00				
37.95	5.07	4.83	0.00				
38.00	5.07	4.83	0.00				
38.05	5.07	4.83	0.00				
38.10	5.07	4.83	0.00				
38.15	5.07	4.83	0.00				
38.20	5.07	4.83	0.00				
38.25	5.07	4.83	0.00				
38.30	5.07	4.83	0.00				
38.35	5.07	4.83	0.00				
38.40	5.07	4.83	0.00				
38.45	5.07	4.83	0.00				
38.50	5.07	4.83	0.00				
38.55	5.07	4.83	0.00				
38.60	5.07	4.83	0.00				
38.65	5.07	4.83	0.00				
38.70	5.07	4.83	0.00				
38.75	5.07	4.83	0.00				
38.80	5.07	4.83	0.00				
38.85	5.07	4.83	0.00				
38.90	5.07	4.83	0.00				
38.95	5.07	4.83	0.00				

Summary for Subcatchment 50P: PDA-50 (pervious)

Runoff = 4.94 cfs @ 12.13 hrs, Volume= 0.323 af, Depth= 2.42"
 Routed to Pond B-50 : Basin #50

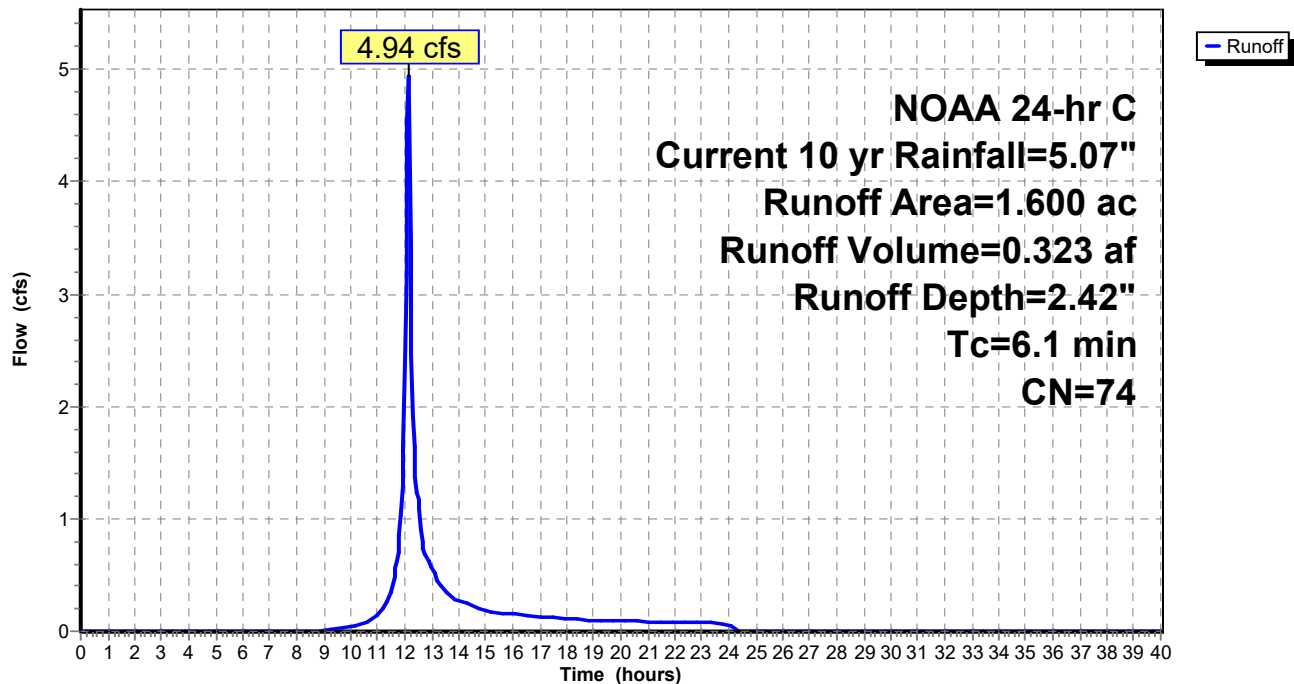
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
1.600	74	>75% Grass cover, Good, HSG C
1.600		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 50P: PDA-50 (pervious)

Hydrograph



Hydrograph for Subcatchment 50P: PDA-50 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.01
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.01
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.01
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.01
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.01
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.01
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.01
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.02
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.02
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.02
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.02
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.02
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.03
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.03
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.03
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.03
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.03
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.04
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.04
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.04
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.04
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.05
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.05
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.05
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.06

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.06	13.00	3.85	1.49	0.56
10.45	1.03	0.03	0.06	13.05	3.87	1.50	0.53
10.50	1.04	0.03	0.07	13.10	3.89	1.52	0.49
10.55	1.06	0.03	0.07	13.15	3.91	1.53	0.47
10.60	1.07	0.04	0.08	13.20	3.93	1.55	0.45
10.65	1.09	0.04	0.08	13.25	3.95	1.56	0.44
10.70	1.10	0.04	0.09	13.30	3.97	1.57	0.42
10.75	1.12	0.04	0.10	13.35	3.98	1.58	0.40
10.80	1.14	0.05	0.10	13.40	4.00	1.59	0.39
10.85	1.16	0.05	0.11	13.45	4.01	1.60	0.37
10.90	1.18	0.06	0.12	13.50	4.03	1.61	0.35
10.95	1.20	0.06	0.13	13.55	4.04	1.62	0.34
11.00	1.22	0.07	0.14	13.60	4.05	1.63	0.32
11.05	1.24	0.07	0.15	13.65	4.06	1.64	0.31
11.10	1.26	0.08	0.17	13.70	4.08	1.65	0.30
11.15	1.29	0.08	0.18	13.75	4.09	1.66	0.30
11.20	1.31	0.09	0.20	13.80	4.10	1.67	0.29
11.25	1.34	0.10	0.22	13.85	4.11	1.68	0.29
11.30	1.37	0.11	0.24	13.90	4.12	1.69	0.28
11.35	1.40	0.12	0.26	13.95	4.13	1.70	0.28
11.40	1.43	0.13	0.28	14.00	4.15	1.70	0.27
11.45	1.47	0.14	0.31	14.05	4.16	1.71	0.27
11.50	1.50	0.15	0.33	14.10	4.17	1.72	0.27
11.55	1.55	0.16	0.38	14.15	4.18	1.73	0.26
11.60	1.60	0.18	0.49	14.20	4.19	1.74	0.26
11.65	1.65	0.20	0.57	14.25	4.20	1.74	0.25
11.70	1.71	0.22	0.62	14.30	4.21	1.75	0.25
11.75	1.78	0.25	0.70	14.35	4.22	1.76	0.24
11.80	1.86	0.29	0.86	14.40	4.23	1.77	0.24
11.85	1.96	0.33	1.03	14.45	4.24	1.77	0.24
11.90	2.06	0.38	1.30	14.50	4.25	1.78	0.23
11.95	2.24	0.47	1.66	14.55	4.26	1.79	0.23
12.00	2.42	0.56	2.36	14.60	4.27	1.79	0.22
12.05	2.71	0.73	3.18	14.65	4.27	1.80	0.22
12.10	3.01	0.91	4.52	14.70	4.28	1.81	0.21
12.15	3.11	0.98	4.86	14.75	4.29	1.81	0.21
12.20	3.21	1.05	3.44	14.80	4.30	1.82	0.20
12.25	3.29	1.10	2.46	14.85	4.31	1.82	0.20
12.30	3.36	1.15	1.92	14.90	4.31	1.83	0.20
12.35	3.42	1.18	1.63	14.95	4.32	1.84	0.19
12.40	3.47	1.22	1.37	15.00	4.33	1.84	0.19
12.45	3.52	1.25	1.23	15.05	4.34	1.85	0.18
12.50	3.57	1.29	1.17	15.10	4.34	1.85	0.18
12.55	3.60	1.31	1.09	15.15	4.35	1.86	0.17
12.60	3.64	1.34	0.90	15.20	4.36	1.86	0.17
12.65	3.67	1.36	0.79	15.25	4.36	1.87	0.17
12.70	3.70	1.38	0.74	15.30	4.37	1.87	0.17
12.75	3.73	1.40	0.71	15.35	4.38	1.88	0.17
12.80	3.76	1.42	0.67	15.40	4.39	1.88	0.17
12.85	3.78	1.44	0.65	15.45	4.39	1.89	0.17
12.90	3.81	1.46	0.61	15.50	4.40	1.89	0.17
12.95	3.83	1.47	0.59	15.55	4.41	1.90	0.16

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.16	18.20	4.68	2.12	0.10
15.65	4.42	1.91	0.16	18.25	4.69	2.12	0.10
15.70	4.42	1.91	0.16	18.30	4.69	2.12	0.10
15.75	4.43	1.92	0.16	18.35	4.70	2.12	0.10
15.80	4.44	1.92	0.16	18.40	4.70	2.13	0.10
15.85	4.44	1.93	0.16	18.45	4.70	2.13	0.10
15.90	4.45	1.93	0.16	18.50	4.71	2.13	0.10
15.95	4.46	1.94	0.16	18.55	4.71	2.14	0.10
16.00	4.46	1.94	0.15	18.60	4.72	2.14	0.10
16.05	4.47	1.95	0.15	18.65	4.72	2.14	0.10
16.10	4.47	1.95	0.15	18.70	4.72	2.15	0.10
16.15	4.48	1.96	0.15	18.75	4.73	2.15	0.10
16.20	4.49	1.96	0.15	18.80	4.73	2.15	0.10
16.25	4.49	1.97	0.15	18.85	4.74	2.16	0.10
16.30	4.50	1.97	0.15	18.90	4.74	2.16	0.10
16.35	4.50	1.98	0.15	18.95	4.74	2.16	0.10
16.40	4.51	1.98	0.14	19.00	4.75	2.16	0.10
16.45	4.52	1.98	0.14	19.05	4.75	2.17	0.10
16.50	4.52	1.99	0.14	19.10	4.76	2.17	0.10
16.55	4.53	1.99	0.14	19.15	4.76	2.17	0.10
16.60	4.53	2.00	0.14	19.20	4.76	2.18	0.10
16.65	4.54	2.00	0.14	19.25	4.77	2.18	0.10
16.70	4.54	2.01	0.14	19.30	4.77	2.18	0.10
16.75	4.55	2.01	0.14	19.35	4.77	2.19	0.10
16.80	4.55	2.01	0.14	19.40	4.78	2.19	0.10
16.85	4.56	2.02	0.13	19.45	4.78	2.19	0.10
16.90	4.57	2.02	0.13	19.50	4.79	2.19	0.09
16.95	4.57	2.03	0.13	19.55	4.79	2.20	0.09
17.00	4.58	2.03	0.13	19.60	4.79	2.20	0.09
17.05	4.58	2.03	0.13	19.65	4.80	2.20	0.09
17.10	4.59	2.04	0.13	19.70	4.80	2.21	0.09
17.15	4.59	2.04	0.13	19.75	4.80	2.21	0.09
17.20	4.60	2.05	0.13	19.80	4.81	2.21	0.09
17.25	4.60	2.05	0.12	19.85	4.81	2.21	0.09
17.30	4.61	2.05	0.12	19.90	4.81	2.22	0.09
17.35	4.61	2.06	0.12	19.95	4.82	2.22	0.09
17.40	4.61	2.06	0.12	20.00	4.82	2.22	0.09
17.45	4.62	2.06	0.12	20.05	4.83	2.23	0.09
17.50	4.62	2.07	0.12	20.10	4.83	2.23	0.09
17.55	4.63	2.07	0.12	20.15	4.83	2.23	0.09
17.60	4.63	2.08	0.12	20.20	4.84	2.23	0.09
17.65	4.64	2.08	0.11	20.25	4.84	2.24	0.09
17.70	4.64	2.08	0.11	20.30	4.84	2.24	0.09
17.75	4.65	2.09	0.11	20.35	4.85	2.24	0.09
17.80	4.65	2.09	0.11	20.40	4.85	2.25	0.09
17.85	4.66	2.09	0.11	20.45	4.85	2.25	0.09
17.90	4.66	2.10	0.11	20.50	4.86	2.25	0.09
17.95	4.66	2.10	0.11	20.55	4.86	2.25	0.09
18.00	4.67	2.10	0.11	20.60	4.86	2.26	0.09
18.05	4.67	2.11	0.11	20.65	4.87	2.26	0.09
18.10	4.68	2.11	0.10	20.70	4.87	2.26	0.09
18.15	4.68	2.11	0.10	20.75	4.87	2.26	0.09

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.09	23.40	5.04	2.39	0.07
20.85	4.88	2.27	0.09	23.45	5.04	2.40	0.07
20.90	4.88	2.27	0.09	23.50	5.04	2.40	0.07
20.95	4.89	2.28	0.09	23.55	5.04	2.40	0.07
21.00	4.89	2.28	0.09	23.60	5.05	2.40	0.07
21.05	4.89	2.28	0.09	23.65	5.05	2.40	0.07
21.10	4.90	2.28	0.09	23.70	5.05	2.41	0.07
21.15	4.90	2.29	0.08	23.75	5.06	2.41	0.07
21.20	4.90	2.29	0.08	23.80	5.06	2.41	0.07
21.25	4.91	2.29	0.08	23.85	5.06	2.41	0.07
21.30	4.91	2.29	0.08	23.90	5.06	2.42	0.07
21.35	4.91	2.30	0.08	23.95	5.07	2.42	0.07
21.40	4.92	2.30	0.08	24.00	5.07	2.42	0.08
21.45	4.92	2.30	0.08	24.05	5.07	2.42	0.07
21.50	4.92	2.30	0.08	24.10	5.07	2.42	0.03
21.55	4.93	2.31	0.08	24.15	5.07	2.42	0.01
21.60	4.93	2.31	0.08	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.08	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.08	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.08	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.08	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.08	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.08	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.08	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.08	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.08	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.08	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.08	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.08	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.08	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.08	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.08	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.08	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.08	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.08	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.08	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.08	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.08	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.08	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.08	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.07	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.07	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.07	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.07	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.07	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.07	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.07	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.07	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.07	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.07	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.07	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.07	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Subcatchment UPDA-5: PDA-5 (undetained)

Runoff = 1.89 cfs @ 12.16 hrs, Volume= 0.132 af, Depth= 2.42"

Routed to Link PDA-5 : Proposed Drainage Area #5

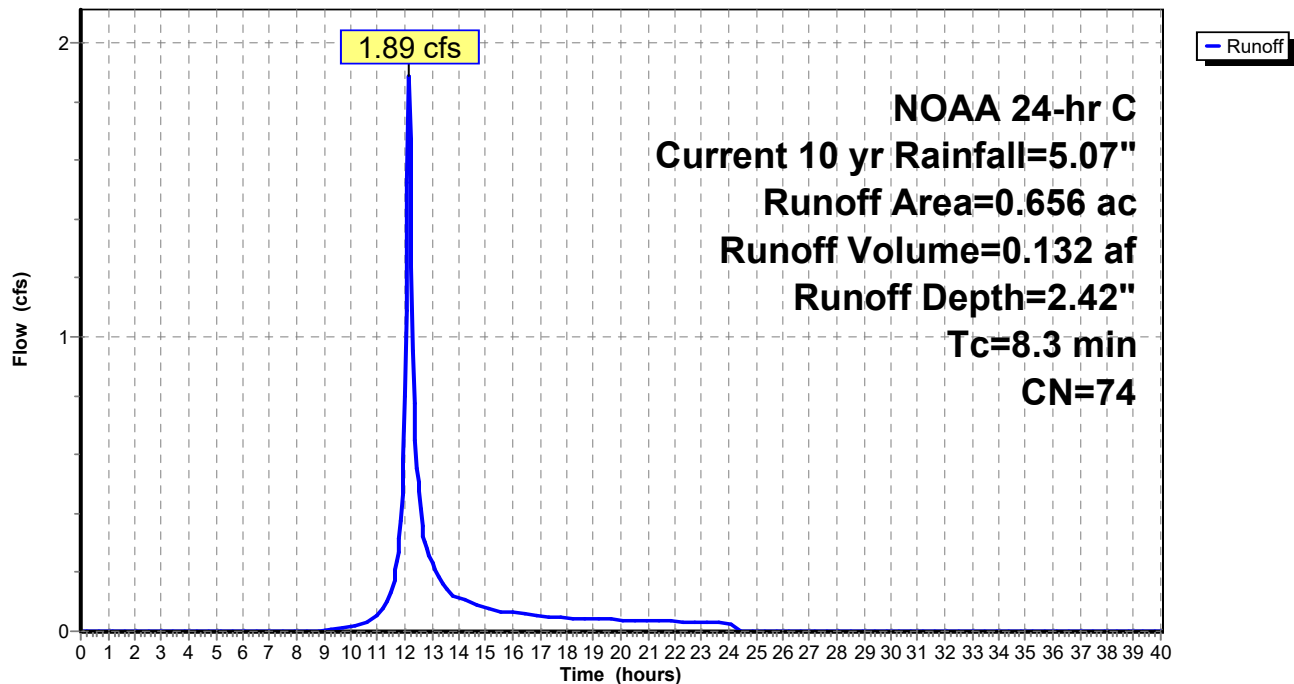
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 10 yr Rainfall=5.07"

Area (ac)	CN	Description
0.656	74	>75% Grass cover, Good, HSG C
0.656		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.3					Direct Entry,

Subcatchment UPDA-5: PDA-5 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.15	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.16	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.16	0.00	0.00
0.15	0.01	0.00	0.00	2.75	0.16	0.00	0.00
0.20	0.01	0.00	0.00	2.80	0.17	0.00	0.00
0.25	0.01	0.00	0.00	2.85	0.17	0.00	0.00
0.30	0.02	0.00	0.00	2.90	0.17	0.00	0.00
0.35	0.02	0.00	0.00	2.95	0.18	0.00	0.00
0.40	0.02	0.00	0.00	3.00	0.18	0.00	0.00
0.45	0.03	0.00	0.00	3.05	0.18	0.00	0.00
0.50	0.03	0.00	0.00	3.10	0.19	0.00	0.00
0.55	0.03	0.00	0.00	3.15	0.19	0.00	0.00
0.60	0.03	0.00	0.00	3.20	0.19	0.00	0.00
0.65	0.04	0.00	0.00	3.25	0.20	0.00	0.00
0.70	0.04	0.00	0.00	3.30	0.20	0.00	0.00
0.75	0.04	0.00	0.00	3.35	0.20	0.00	0.00
0.80	0.04	0.00	0.00	3.40	0.21	0.00	0.00
0.85	0.05	0.00	0.00	3.45	0.21	0.00	0.00
0.90	0.05	0.00	0.00	3.50	0.21	0.00	0.00
0.95	0.05	0.00	0.00	3.55	0.22	0.00	0.00
1.00	0.06	0.00	0.00	3.60	0.22	0.00	0.00
1.05	0.06	0.00	0.00	3.65	0.22	0.00	0.00
1.10	0.06	0.00	0.00	3.70	0.23	0.00	0.00
1.15	0.06	0.00	0.00	3.75	0.23	0.00	0.00
1.20	0.07	0.00	0.00	3.80	0.23	0.00	0.00
1.25	0.07	0.00	0.00	3.85	0.24	0.00	0.00
1.30	0.07	0.00	0.00	3.90	0.24	0.00	0.00
1.35	0.08	0.00	0.00	3.95	0.24	0.00	0.00
1.40	0.08	0.00	0.00	4.00	0.25	0.00	0.00
1.45	0.08	0.00	0.00	4.05	0.25	0.00	0.00
1.50	0.08	0.00	0.00	4.10	0.26	0.00	0.00
1.55	0.09	0.00	0.00	4.15	0.26	0.00	0.00
1.60	0.09	0.00	0.00	4.20	0.26	0.00	0.00
1.65	0.09	0.00	0.00	4.25	0.27	0.00	0.00
1.70	0.10	0.00	0.00	4.30	0.27	0.00	0.00
1.75	0.10	0.00	0.00	4.35	0.27	0.00	0.00
1.80	0.10	0.00	0.00	4.40	0.28	0.00	0.00
1.85	0.11	0.00	0.00	4.45	0.28	0.00	0.00
1.90	0.11	0.00	0.00	4.50	0.28	0.00	0.00
1.95	0.11	0.00	0.00	4.55	0.29	0.00	0.00
2.00	0.11	0.00	0.00	4.60	0.29	0.00	0.00
2.05	0.12	0.00	0.00	4.65	0.30	0.00	0.00
2.10	0.12	0.00	0.00	4.70	0.30	0.00	0.00
2.15	0.12	0.00	0.00	4.75	0.30	0.00	0.00
2.20	0.13	0.00	0.00	4.80	0.31	0.00	0.00
2.25	0.13	0.00	0.00	4.85	0.31	0.00	0.00
2.30	0.13	0.00	0.00	4.90	0.31	0.00	0.00
2.35	0.14	0.00	0.00	4.95	0.32	0.00	0.00
2.40	0.14	0.00	0.00	5.00	0.32	0.00	0.00
2.45	0.14	0.00	0.00	5.05	0.33	0.00	0.00
2.50	0.15	0.00	0.00	5.10	0.33	0.00	0.00
2.55	0.15	0.00	0.00	5.15	0.33	0.00	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.34	0.00	0.00	7.80	0.58	0.00	0.00
5.25	0.34	0.00	0.00	7.85	0.59	0.00	0.00
5.30	0.35	0.00	0.00	7.90	0.60	0.00	0.00
5.35	0.35	0.00	0.00	7.95	0.60	0.00	0.00
5.40	0.35	0.00	0.00	8.00	0.61	0.00	0.00
5.45	0.36	0.00	0.00	8.05	0.61	0.00	0.00
5.50	0.36	0.00	0.00	8.10	0.62	0.00	0.00
5.55	0.37	0.00	0.00	8.15	0.63	0.00	0.00
5.60	0.37	0.00	0.00	8.20	0.63	0.00	0.00
5.65	0.37	0.00	0.00	8.25	0.64	0.00	0.00
5.70	0.38	0.00	0.00	8.30	0.65	0.00	0.00
5.75	0.38	0.00	0.00	8.35	0.65	0.00	0.00
5.80	0.39	0.00	0.00	8.40	0.66	0.00	0.00
5.85	0.39	0.00	0.00	8.45	0.66	0.00	0.00
5.90	0.39	0.00	0.00	8.50	0.67	0.00	0.00
5.95	0.40	0.00	0.00	8.55	0.68	0.00	0.00
6.00	0.40	0.00	0.00	8.60	0.68	0.00	0.00
6.05	0.41	0.00	0.00	8.65	0.69	0.00	0.00
6.10	0.41	0.00	0.00	8.70	0.70	0.00	0.00
6.15	0.41	0.00	0.00	8.75	0.71	0.00	0.00
6.20	0.42	0.00	0.00	8.80	0.71	0.00	0.00
6.25	0.42	0.00	0.00	8.85	0.72	0.00	0.00
6.30	0.43	0.00	0.00	8.90	0.73	0.00	0.00
6.35	0.43	0.00	0.00	8.95	0.73	0.00	0.00
6.40	0.44	0.00	0.00	9.00	0.74	0.00	0.00
6.45	0.44	0.00	0.00	9.05	0.75	0.00	0.00
6.50	0.45	0.00	0.00	9.10	0.76	0.00	0.00
6.55	0.45	0.00	0.00	9.15	0.76	0.00	0.00
6.60	0.46	0.00	0.00	9.20	0.77	0.00	0.00
6.65	0.46	0.00	0.00	9.25	0.78	0.00	0.00
6.70	0.46	0.00	0.00	9.30	0.79	0.00	0.00
6.75	0.47	0.00	0.00	9.35	0.80	0.00	0.00
6.80	0.47	0.00	0.00	9.40	0.80	0.00	0.00
6.85	0.48	0.00	0.00	9.45	0.81	0.00	0.01
6.90	0.48	0.00	0.00	9.50	0.82	0.00	0.01
6.95	0.49	0.00	0.00	9.55	0.83	0.00	0.01
7.00	0.49	0.00	0.00	9.60	0.84	0.01	0.01
7.05	0.50	0.00	0.00	9.65	0.85	0.01	0.01
7.10	0.50	0.00	0.00	9.70	0.86	0.01	0.01
7.15	0.51	0.00	0.00	9.75	0.87	0.01	0.01
7.20	0.52	0.00	0.00	9.80	0.88	0.01	0.01
7.25	0.52	0.00	0.00	9.85	0.89	0.01	0.01
7.30	0.53	0.00	0.00	9.90	0.90	0.01	0.01
7.35	0.53	0.00	0.00	9.95	0.91	0.01	0.01
7.40	0.54	0.00	0.00	10.00	0.92	0.01	0.01
7.45	0.54	0.00	0.00	10.05	0.94	0.01	0.02
7.50	0.55	0.00	0.00	10.10	0.95	0.02	0.02
7.55	0.55	0.00	0.00	10.15	0.96	0.02	0.02
7.60	0.56	0.00	0.00	10.20	0.97	0.02	0.02
7.65	0.57	0.00	0.00	10.25	0.98	0.02	0.02
7.70	0.57	0.00	0.00	10.30	0.99	0.02	0.02
7.75	0.58	0.00	0.00	10.35	1.01	0.02	0.02

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.02	0.03	0.02	13.00	3.85	1.49	0.24
10.45	1.03	0.03	0.02	13.05	3.87	1.50	0.22
10.50	1.04	0.03	0.03	13.10	3.89	1.52	0.21
10.55	1.06	0.03	0.03	13.15	3.91	1.53	0.20
10.60	1.07	0.04	0.03	13.20	3.93	1.55	0.19
10.65	1.09	0.04	0.03	13.25	3.95	1.56	0.18
10.70	1.10	0.04	0.03	13.30	3.97	1.57	0.18
10.75	1.12	0.04	0.04	13.35	3.98	1.58	0.17
10.80	1.14	0.05	0.04	13.40	4.00	1.59	0.16
10.85	1.16	0.05	0.04	13.45	4.01	1.60	0.16
10.90	1.18	0.06	0.05	13.50	4.03	1.61	0.15
10.95	1.20	0.06	0.05	13.55	4.04	1.62	0.14
11.00	1.22	0.07	0.06	13.60	4.05	1.63	0.14
11.05	1.24	0.07	0.06	13.65	4.06	1.64	0.13
11.10	1.26	0.08	0.07	13.70	4.08	1.65	0.13
11.15	1.29	0.08	0.07	13.75	4.09	1.66	0.12
11.20	1.31	0.09	0.08	13.80	4.10	1.67	0.12
11.25	1.34	0.10	0.09	13.85	4.11	1.68	0.12
11.30	1.37	0.11	0.09	13.90	4.12	1.69	0.12
11.35	1.40	0.12	0.10	13.95	4.13	1.70	0.12
11.40	1.43	0.13	0.11	14.00	4.15	1.70	0.11
11.45	1.47	0.14	0.12	14.05	4.16	1.71	0.11
11.50	1.50	0.15	0.13	14.10	4.17	1.72	0.11
11.55	1.55	0.16	0.14	14.15	4.18	1.73	0.11
11.60	1.60	0.18	0.17	14.20	4.19	1.74	0.11
11.65	1.65	0.20	0.21	14.25	4.20	1.74	0.11
11.70	1.71	0.22	0.24	14.30	4.21	1.75	0.10
11.75	1.78	0.25	0.27	14.35	4.22	1.76	0.10
11.80	1.86	0.29	0.31	14.40	4.23	1.77	0.10
11.85	1.96	0.33	0.38	14.45	4.24	1.77	0.10
11.90	2.06	0.38	0.46	14.50	4.25	1.78	0.10
11.95	2.24	0.47	0.58	14.55	4.26	1.79	0.09
12.00	2.42	0.56	0.80	14.60	4.27	1.79	0.09
12.05	2.71	0.73	1.09	14.65	4.27	1.80	0.09
12.10	3.01	0.91	1.52	14.70	4.28	1.81	0.09
12.15	3.11	0.98	1.88	14.75	4.29	1.81	0.09
12.20	3.21	1.05	1.67	14.80	4.30	1.82	0.09
12.25	3.29	1.10	1.24	14.85	4.31	1.82	0.08
12.30	3.36	1.15	0.95	14.90	4.31	1.83	0.08
12.35	3.42	1.18	0.77	14.95	4.32	1.84	0.08
12.40	3.47	1.22	0.65	15.00	4.33	1.84	0.08
12.45	3.52	1.25	0.56	15.05	4.34	1.85	0.08
12.50	3.57	1.29	0.51	15.10	4.34	1.85	0.07
12.55	3.60	1.31	0.47	15.15	4.35	1.86	0.07
12.60	3.64	1.34	0.42	15.20	4.36	1.86	0.07
12.65	3.67	1.36	0.36	15.25	4.36	1.87	0.07
12.70	3.70	1.38	0.32	15.30	4.37	1.87	0.07
12.75	3.73	1.40	0.30	15.35	4.38	1.88	0.07
12.80	3.76	1.42	0.29	15.40	4.39	1.88	0.07
12.85	3.78	1.44	0.27	15.45	4.39	1.89	0.07
12.90	3.81	1.46	0.26	15.50	4.40	1.89	0.07
12.95	3.83	1.47	0.25	15.55	4.41	1.90	0.07

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	4.41	1.90	0.07	18.20	4.68	2.12	0.04
15.65	4.42	1.91	0.07	18.25	4.69	2.12	0.04
15.70	4.42	1.91	0.07	18.30	4.69	2.12	0.04
15.75	4.43	1.92	0.07	18.35	4.70	2.12	0.04
15.80	4.44	1.92	0.07	18.40	4.70	2.13	0.04
15.85	4.44	1.93	0.06	18.45	4.70	2.13	0.04
15.90	4.45	1.93	0.06	18.50	4.71	2.13	0.04
15.95	4.46	1.94	0.06	18.55	4.71	2.14	0.04
16.00	4.46	1.94	0.06	18.60	4.72	2.14	0.04
16.05	4.47	1.95	0.06	18.65	4.72	2.14	0.04
16.10	4.47	1.95	0.06	18.70	4.72	2.15	0.04
16.15	4.48	1.96	0.06	18.75	4.73	2.15	0.04
16.20	4.49	1.96	0.06	18.80	4.73	2.15	0.04
16.25	4.49	1.97	0.06	18.85	4.74	2.16	0.04
16.30	4.50	1.97	0.06	18.90	4.74	2.16	0.04
16.35	4.50	1.98	0.06	18.95	4.74	2.16	0.04
16.40	4.51	1.98	0.06	19.00	4.75	2.16	0.04
16.45	4.52	1.98	0.06	19.05	4.75	2.17	0.04
16.50	4.52	1.99	0.06	19.10	4.76	2.17	0.04
16.55	4.53	1.99	0.06	19.15	4.76	2.17	0.04
16.60	4.53	2.00	0.06	19.20	4.76	2.18	0.04
16.65	4.54	2.00	0.06	19.25	4.77	2.18	0.04
16.70	4.54	2.01	0.06	19.30	4.77	2.18	0.04
16.75	4.55	2.01	0.06	19.35	4.77	2.19	0.04
16.80	4.55	2.01	0.06	19.40	4.78	2.19	0.04
16.85	4.56	2.02	0.06	19.45	4.78	2.19	0.04
16.90	4.57	2.02	0.05	19.50	4.79	2.19	0.04
16.95	4.57	2.03	0.05	19.55	4.79	2.20	0.04
17.00	4.58	2.03	0.05	19.60	4.79	2.20	0.04
17.05	4.58	2.03	0.05	19.65	4.80	2.20	0.04
17.10	4.59	2.04	0.05	19.70	4.80	2.21	0.04
17.15	4.59	2.04	0.05	19.75	4.80	2.21	0.04
17.20	4.60	2.05	0.05	19.80	4.81	2.21	0.04
17.25	4.60	2.05	0.05	19.85	4.81	2.21	0.04
17.30	4.61	2.05	0.05	19.90	4.81	2.22	0.04
17.35	4.61	2.06	0.05	19.95	4.82	2.22	0.04
17.40	4.61	2.06	0.05	20.00	4.82	2.22	0.04
17.45	4.62	2.06	0.05	20.05	4.83	2.23	0.04
17.50	4.62	2.07	0.05	20.10	4.83	2.23	0.04
17.55	4.63	2.07	0.05	20.15	4.83	2.23	0.04
17.60	4.63	2.08	0.05	20.20	4.84	2.23	0.04
17.65	4.64	2.08	0.05	20.25	4.84	2.24	0.04
17.70	4.64	2.08	0.05	20.30	4.84	2.24	0.04
17.75	4.65	2.09	0.05	20.35	4.85	2.24	0.04
17.80	4.65	2.09	0.05	20.40	4.85	2.25	0.04
17.85	4.66	2.09	0.05	20.45	4.85	2.25	0.04
17.90	4.66	2.10	0.04	20.50	4.86	2.25	0.04
17.95	4.66	2.10	0.04	20.55	4.86	2.25	0.04
18.00	4.67	2.10	0.04	20.60	4.86	2.26	0.04
18.05	4.67	2.11	0.04	20.65	4.87	2.26	0.04
18.10	4.68	2.11	0.04	20.70	4.87	2.26	0.04
18.15	4.68	2.11	0.04	20.75	4.87	2.26	0.04

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	4.88	2.27	0.04	23.40	5.04	2.39	0.03
20.85	4.88	2.27	0.04	23.45	5.04	2.40	0.03
20.90	4.88	2.27	0.04	23.50	5.04	2.40	0.03
20.95	4.89	2.28	0.04	23.55	5.04	2.40	0.03
21.00	4.89	2.28	0.04	23.60	5.05	2.40	0.03
21.05	4.89	2.28	0.04	23.65	5.05	2.40	0.03
21.10	4.90	2.28	0.03	23.70	5.05	2.41	0.03
21.15	4.90	2.29	0.03	23.75	5.06	2.41	0.03
21.20	4.90	2.29	0.03	23.80	5.06	2.41	0.03
21.25	4.91	2.29	0.03	23.85	5.06	2.41	0.03
21.30	4.91	2.29	0.03	23.90	5.06	2.42	0.03
21.35	4.91	2.30	0.03	23.95	5.07	2.42	0.03
21.40	4.92	2.30	0.03	24.00	5.07	2.42	0.03
21.45	4.92	2.30	0.03	24.05	5.07	2.42	0.03
21.50	4.92	2.30	0.03	24.10	5.07	2.42	0.02
21.55	4.93	2.31	0.03	24.15	5.07	2.42	0.01
21.60	4.93	2.31	0.03	24.20	5.07	2.42	0.00
21.65	4.93	2.31	0.03	24.25	5.07	2.42	0.00
21.70	4.94	2.31	0.03	24.30	5.07	2.42	0.00
21.75	4.94	2.32	0.03	24.35	5.07	2.42	0.00
21.80	4.94	2.32	0.03	24.40	5.07	2.42	0.00
21.85	4.95	2.32	0.03	24.45	5.07	2.42	0.00
21.90	4.95	2.32	0.03	24.50	5.07	2.42	0.00
21.95	4.95	2.33	0.03	24.55	5.07	2.42	0.00
22.00	4.96	2.33	0.03	24.60	5.07	2.42	0.00
22.05	4.96	2.33	0.03	24.65	5.07	2.42	0.00
22.10	4.96	2.33	0.03	24.70	5.07	2.42	0.00
22.15	4.96	2.34	0.03	24.75	5.07	2.42	0.00
22.20	4.97	2.34	0.03	24.80	5.07	2.42	0.00
22.25	4.97	2.34	0.03	24.85	5.07	2.42	0.00
22.30	4.97	2.34	0.03	24.90	5.07	2.42	0.00
22.35	4.98	2.35	0.03	24.95	5.07	2.42	0.00
22.40	4.98	2.35	0.03	25.00	5.07	2.42	0.00
22.45	4.98	2.35	0.03	25.05	5.07	2.42	0.00
22.50	4.99	2.35	0.03	25.10	5.07	2.42	0.00
22.55	4.99	2.36	0.03	25.15	5.07	2.42	0.00
22.60	4.99	2.36	0.03	25.20	5.07	2.42	0.00
22.65	4.99	2.36	0.03	25.25	5.07	2.42	0.00
22.70	5.00	2.36	0.03	25.30	5.07	2.42	0.00
22.75	5.00	2.36	0.03	25.35	5.07	2.42	0.00
22.80	5.00	2.37	0.03	25.40	5.07	2.42	0.00
22.85	5.01	2.37	0.03	25.45	5.07	2.42	0.00
22.90	5.01	2.37	0.03	25.50	5.07	2.42	0.00
22.95	5.01	2.37	0.03	25.55	5.07	2.42	0.00
23.00	5.01	2.38	0.03	25.60	5.07	2.42	0.00
23.05	5.02	2.38	0.03	25.65	5.07	2.42	0.00
23.10	5.02	2.38	0.03	25.70	5.07	2.42	0.00
23.15	5.02	2.38	0.03	25.75	5.07	2.42	0.00
23.20	5.03	2.38	0.03	25.80	5.07	2.42	0.00
23.25	5.03	2.39	0.03	25.85	5.07	2.42	0.00
23.30	5.03	2.39	0.03	25.90	5.07	2.42	0.00
23.35	5.03	2.39	0.03	25.95	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	5.07	2.42	0.00	28.60	5.07	2.42	0.00
26.05	5.07	2.42	0.00	28.65	5.07	2.42	0.00
26.10	5.07	2.42	0.00	28.70	5.07	2.42	0.00
26.15	5.07	2.42	0.00	28.75	5.07	2.42	0.00
26.20	5.07	2.42	0.00	28.80	5.07	2.42	0.00
26.25	5.07	2.42	0.00	28.85	5.07	2.42	0.00
26.30	5.07	2.42	0.00	28.90	5.07	2.42	0.00
26.35	5.07	2.42	0.00	28.95	5.07	2.42	0.00
26.40	5.07	2.42	0.00	29.00	5.07	2.42	0.00
26.45	5.07	2.42	0.00	29.05	5.07	2.42	0.00
26.50	5.07	2.42	0.00	29.10	5.07	2.42	0.00
26.55	5.07	2.42	0.00	29.15	5.07	2.42	0.00
26.60	5.07	2.42	0.00	29.20	5.07	2.42	0.00
26.65	5.07	2.42	0.00	29.25	5.07	2.42	0.00
26.70	5.07	2.42	0.00	29.30	5.07	2.42	0.00
26.75	5.07	2.42	0.00	29.35	5.07	2.42	0.00
26.80	5.07	2.42	0.00	29.40	5.07	2.42	0.00
26.85	5.07	2.42	0.00	29.45	5.07	2.42	0.00
26.90	5.07	2.42	0.00	29.50	5.07	2.42	0.00
26.95	5.07	2.42	0.00	29.55	5.07	2.42	0.00
27.00	5.07	2.42	0.00	29.60	5.07	2.42	0.00
27.05	5.07	2.42	0.00	29.65	5.07	2.42	0.00
27.10	5.07	2.42	0.00	29.70	5.07	2.42	0.00
27.15	5.07	2.42	0.00	29.75	5.07	2.42	0.00
27.20	5.07	2.42	0.00	29.80	5.07	2.42	0.00
27.25	5.07	2.42	0.00	29.85	5.07	2.42	0.00
27.30	5.07	2.42	0.00	29.90	5.07	2.42	0.00
27.35	5.07	2.42	0.00	29.95	5.07	2.42	0.00
27.40	5.07	2.42	0.00	30.00	5.07	2.42	0.00
27.45	5.07	2.42	0.00	30.05	5.07	2.42	0.00
27.50	5.07	2.42	0.00	30.10	5.07	2.42	0.00
27.55	5.07	2.42	0.00	30.15	5.07	2.42	0.00
27.60	5.07	2.42	0.00	30.20	5.07	2.42	0.00
27.65	5.07	2.42	0.00	30.25	5.07	2.42	0.00
27.70	5.07	2.42	0.00	30.30	5.07	2.42	0.00
27.75	5.07	2.42	0.00	30.35	5.07	2.42	0.00
27.80	5.07	2.42	0.00	30.40	5.07	2.42	0.00
27.85	5.07	2.42	0.00	30.45	5.07	2.42	0.00
27.90	5.07	2.42	0.00	30.50	5.07	2.42	0.00
27.95	5.07	2.42	0.00	30.55	5.07	2.42	0.00
28.00	5.07	2.42	0.00	30.60	5.07	2.42	0.00
28.05	5.07	2.42	0.00	30.65	5.07	2.42	0.00
28.10	5.07	2.42	0.00	30.70	5.07	2.42	0.00
28.15	5.07	2.42	0.00	30.75	5.07	2.42	0.00
28.20	5.07	2.42	0.00	30.80	5.07	2.42	0.00
28.25	5.07	2.42	0.00	30.85	5.07	2.42	0.00
28.30	5.07	2.42	0.00	30.90	5.07	2.42	0.00
28.35	5.07	2.42	0.00	30.95	5.07	2.42	0.00
28.40	5.07	2.42	0.00	31.00	5.07	2.42	0.00
28.45	5.07	2.42	0.00	31.05	5.07	2.42	0.00
28.50	5.07	2.42	0.00	31.10	5.07	2.42	0.00
28.55	5.07	2.42	0.00	31.15	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	5.07	2.42	0.00	33.80	5.07	2.42	0.00
31.25	5.07	2.42	0.00	33.85	5.07	2.42	0.00
31.30	5.07	2.42	0.00	33.90	5.07	2.42	0.00
31.35	5.07	2.42	0.00	33.95	5.07	2.42	0.00
31.40	5.07	2.42	0.00	34.00	5.07	2.42	0.00
31.45	5.07	2.42	0.00	34.05	5.07	2.42	0.00
31.50	5.07	2.42	0.00	34.10	5.07	2.42	0.00
31.55	5.07	2.42	0.00	34.15	5.07	2.42	0.00
31.60	5.07	2.42	0.00	34.20	5.07	2.42	0.00
31.65	5.07	2.42	0.00	34.25	5.07	2.42	0.00
31.70	5.07	2.42	0.00	34.30	5.07	2.42	0.00
31.75	5.07	2.42	0.00	34.35	5.07	2.42	0.00
31.80	5.07	2.42	0.00	34.40	5.07	2.42	0.00
31.85	5.07	2.42	0.00	34.45	5.07	2.42	0.00
31.90	5.07	2.42	0.00	34.50	5.07	2.42	0.00
31.95	5.07	2.42	0.00	34.55	5.07	2.42	0.00
32.00	5.07	2.42	0.00	34.60	5.07	2.42	0.00
32.05	5.07	2.42	0.00	34.65	5.07	2.42	0.00
32.10	5.07	2.42	0.00	34.70	5.07	2.42	0.00
32.15	5.07	2.42	0.00	34.75	5.07	2.42	0.00
32.20	5.07	2.42	0.00	34.80	5.07	2.42	0.00
32.25	5.07	2.42	0.00	34.85	5.07	2.42	0.00
32.30	5.07	2.42	0.00	34.90	5.07	2.42	0.00
32.35	5.07	2.42	0.00	34.95	5.07	2.42	0.00
32.40	5.07	2.42	0.00	35.00	5.07	2.42	0.00
32.45	5.07	2.42	0.00	35.05	5.07	2.42	0.00
32.50	5.07	2.42	0.00	35.10	5.07	2.42	0.00
32.55	5.07	2.42	0.00	35.15	5.07	2.42	0.00
32.60	5.07	2.42	0.00	35.20	5.07	2.42	0.00
32.65	5.07	2.42	0.00	35.25	5.07	2.42	0.00
32.70	5.07	2.42	0.00	35.30	5.07	2.42	0.00
32.75	5.07	2.42	0.00	35.35	5.07	2.42	0.00
32.80	5.07	2.42	0.00	35.40	5.07	2.42	0.00
32.85	5.07	2.42	0.00	35.45	5.07	2.42	0.00
32.90	5.07	2.42	0.00	35.50	5.07	2.42	0.00
32.95	5.07	2.42	0.00	35.55	5.07	2.42	0.00
33.00	5.07	2.42	0.00	35.60	5.07	2.42	0.00
33.05	5.07	2.42	0.00	35.65	5.07	2.42	0.00
33.10	5.07	2.42	0.00	35.70	5.07	2.42	0.00
33.15	5.07	2.42	0.00	35.75	5.07	2.42	0.00
33.20	5.07	2.42	0.00	35.80	5.07	2.42	0.00
33.25	5.07	2.42	0.00	35.85	5.07	2.42	0.00
33.30	5.07	2.42	0.00	35.90	5.07	2.42	0.00
33.35	5.07	2.42	0.00	35.95	5.07	2.42	0.00
33.40	5.07	2.42	0.00	36.00	5.07	2.42	0.00
33.45	5.07	2.42	0.00	36.05	5.07	2.42	0.00
33.50	5.07	2.42	0.00	36.10	5.07	2.42	0.00
33.55	5.07	2.42	0.00	36.15	5.07	2.42	0.00
33.60	5.07	2.42	0.00	36.20	5.07	2.42	0.00
33.65	5.07	2.42	0.00	36.25	5.07	2.42	0.00
33.70	5.07	2.42	0.00	36.30	5.07	2.42	0.00
33.75	5.07	2.42	0.00	36.35	5.07	2.42	0.00

Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	5.07	2.42	0.00	39.00	5.07	2.42	0.00
36.45	5.07	2.42	0.00	39.05	5.07	2.42	0.00
36.50	5.07	2.42	0.00	39.10	5.07	2.42	0.00
36.55	5.07	2.42	0.00	39.15	5.07	2.42	0.00
36.60	5.07	2.42	0.00	39.20	5.07	2.42	0.00
36.65	5.07	2.42	0.00	39.25	5.07	2.42	0.00
36.70	5.07	2.42	0.00	39.30	5.07	2.42	0.00
36.75	5.07	2.42	0.00	39.35	5.07	2.42	0.00
36.80	5.07	2.42	0.00	39.40	5.07	2.42	0.00
36.85	5.07	2.42	0.00	39.45	5.07	2.42	0.00
36.90	5.07	2.42	0.00	39.50	5.07	2.42	0.00
36.95	5.07	2.42	0.00	39.55	5.07	2.42	0.00
37.00	5.07	2.42	0.00	39.60	5.07	2.42	0.00
37.05	5.07	2.42	0.00	39.65	5.07	2.42	0.00
37.10	5.07	2.42	0.00	39.70	5.07	2.42	0.00
37.15	5.07	2.42	0.00	39.75	5.07	2.42	0.00
37.20	5.07	2.42	0.00	39.80	5.07	2.42	0.00
37.25	5.07	2.42	0.00	39.85	5.07	2.42	0.00
37.30	5.07	2.42	0.00	39.90	5.07	2.42	0.00
37.35	5.07	2.42	0.00	39.95	5.07	2.42	0.00
37.40	5.07	2.42	0.00	40.00	5.07	2.42	0.00
37.45	5.07	2.42	0.00				
37.50	5.07	2.42	0.00				
37.55	5.07	2.42	0.00				
37.60	5.07	2.42	0.00				
37.65	5.07	2.42	0.00				
37.70	5.07	2.42	0.00				
37.75	5.07	2.42	0.00				
37.80	5.07	2.42	0.00				
37.85	5.07	2.42	0.00				
37.90	5.07	2.42	0.00				
37.95	5.07	2.42	0.00				
38.00	5.07	2.42	0.00				
38.05	5.07	2.42	0.00				
38.10	5.07	2.42	0.00				
38.15	5.07	2.42	0.00				
38.20	5.07	2.42	0.00				
38.25	5.07	2.42	0.00				
38.30	5.07	2.42	0.00				
38.35	5.07	2.42	0.00				
38.40	5.07	2.42	0.00				
38.45	5.07	2.42	0.00				
38.50	5.07	2.42	0.00				
38.55	5.07	2.42	0.00				
38.60	5.07	2.42	0.00				
38.65	5.07	2.42	0.00				
38.70	5.07	2.42	0.00				
38.75	5.07	2.42	0.00				
38.80	5.07	2.42	0.00				
38.85	5.07	2.42	0.00				
38.90	5.07	2.42	0.00				
38.95	5.07	2.42	0.00				

Summary for Pond B-48: Basin #48

Inflow Area = 2.265 ac, 34.26% Impervious, Inflow Depth = 3.25" for Current 10 yr event
 Inflow = 7.36 cfs @ 12.11 hrs, Volume= 0.613 af
 Outflow = 0.20 cfs @ 17.18 hrs, Volume= 0.394 af, Atten= 97%, Lag= 304.3 min
 Primary = 0.20 cfs @ 17.18 hrs, Volume= 0.394 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 192.95' @ 17.18 hrs Surf.Area= 11,325 sf Storage= 19,682 cf

Plug-Flow detention time= 808.8 min calculated for 0.394 af (64% of inflow)
 Center-of-Mass det. time= 699.9 min (1,494.1 - 794.2)

Volume	Invert	Avail.Storage	Storage Description
#1	191.00'	32,287 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

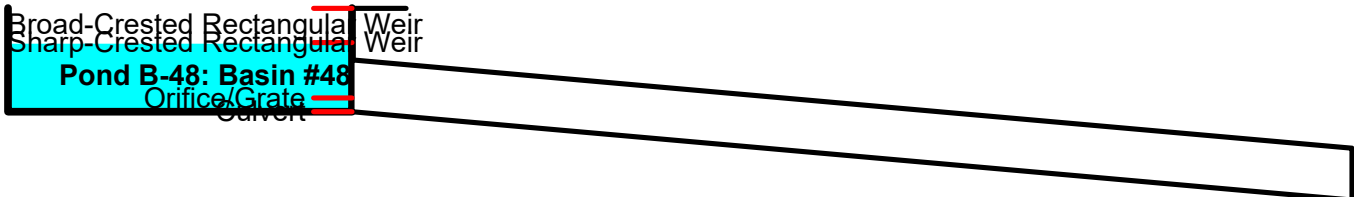
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
191.00	8,869	0	0
192.00	10,100	9,485	9,485
193.00	11,387	10,744	20,228
194.00	12,731	12,059	32,287

Device	Routing	Invert	Outlet Devices
#1	Primary	191.00'	18.0" Round Culvert L= 185.0' Ke= 0.500 Inlet / Outlet Invert= 191.00' / 188.45' S= 0.0138 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	191.40'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	193.00'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	193.99'	50.0' long + 3.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.20 cfs @ 17.18 hrs HW=192.95' (Free Discharge)

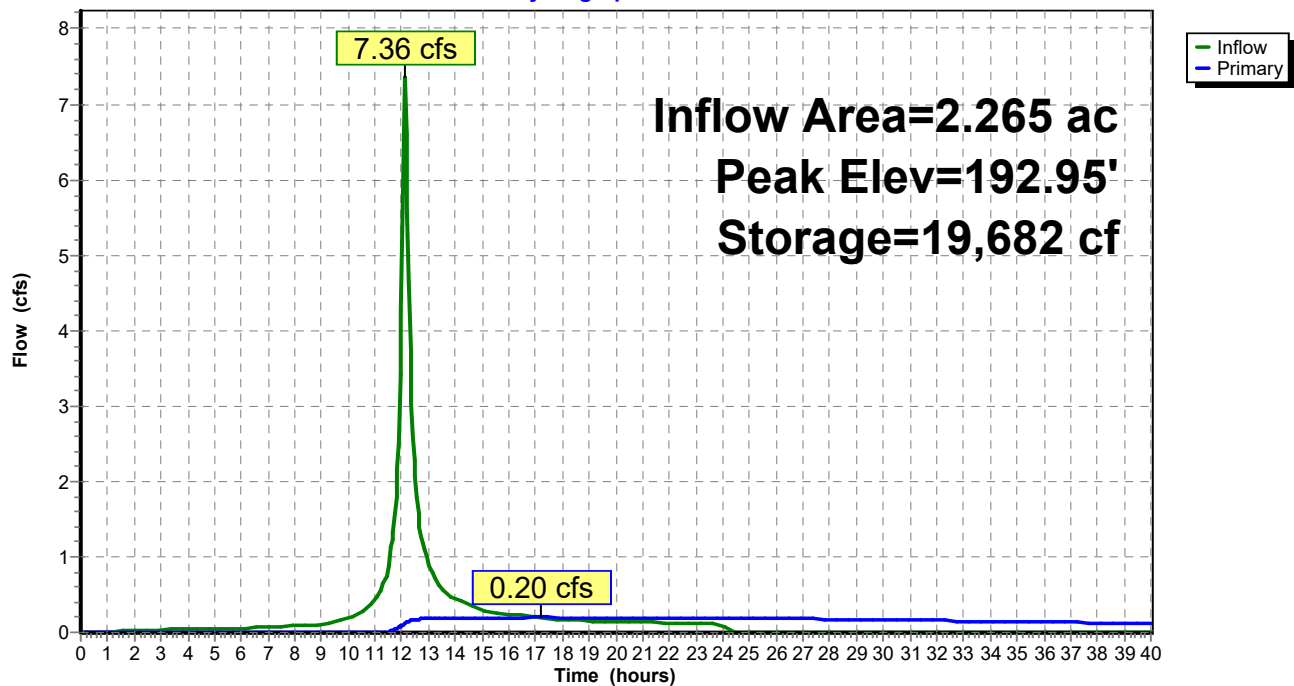
1=Culvert (Passes 0.20 cfs of 9.33 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.79 fps)
 3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Broad-Crested Rectangular Weir
 Sharp-Crested Rectangular Weir
Pond B-48: Basin #48
 Orifice/Grate
 Culvert



Pond B-48: Basin #48

Hydrograph



Hydrograph for Pond B-48: Basin #48

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	191.00	0.00
0.10	0.00	0	191.00	0.00
0.20	0.00	0	191.00	0.00
0.30	0.00	0	191.00	0.00
0.40	0.00	0	191.00	0.00
0.50	0.00	0	191.00	0.00
0.60	0.00	0	191.00	0.00
0.70	0.00	0	191.00	0.00
0.80	0.00	0	191.00	0.00
0.90	0.00	1	191.00	0.00
1.00	0.00	2	191.00	0.00
1.10	0.01	4	191.00	0.00
1.20	0.01	7	191.00	0.00
1.30	0.01	10	191.00	0.00
1.40	0.01	14	191.00	0.00
1.50	0.01	19	191.00	0.00
1.60	0.02	25	191.00	0.00
1.70	0.02	30	191.00	0.00
1.80	0.02	37	191.00	0.00
1.90	0.02	44	191.00	0.00
2.00	0.02	51	191.01	0.00
2.10	0.02	59	191.01	0.00
2.20	0.02	68	191.01	0.00
2.30	0.03	77	191.01	0.00
2.40	0.03	86	191.01	0.00
2.50	0.03	96	191.01	0.00
2.60	0.03	106	191.01	0.00
2.70	0.03	117	191.01	0.00
2.80	0.03	128	191.01	0.00
2.90	0.03	139	191.02	0.00
3.00	0.03	151	191.02	0.00
3.10	0.03	163	191.02	0.00
3.20	0.04	176	191.02	0.00
3.30	0.04	189	191.02	0.00
3.40	0.04	202	191.02	0.00
3.50	0.04	215	191.02	0.00
3.60	0.04	229	191.03	0.00
3.70	0.04	243	191.03	0.00
3.80	0.04	257	191.03	0.00
3.90	0.04	272	191.03	0.00
4.00	0.04	287	191.03	0.00
4.10	0.04	302	191.03	0.00
4.20	0.04	318	191.04	0.00
4.30	0.04	334	191.04	0.00
4.40	0.04	350	191.04	0.00
4.50	0.05	366	191.04	0.00
4.60	0.05	383	191.04	0.00
4.70	0.05	400	191.04	0.00
4.80	0.05	417	191.05	0.00
4.90	0.05	434	191.05	0.00
5.00	0.05	452	191.05	0.00
5.10	0.05	469	191.05	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.05	487	191.05	0.00
5.30	0.05	506	191.06	0.00
5.40	0.05	524	191.06	0.00
5.50	0.05	543	191.06	0.00
5.60	0.05	562	191.06	0.00
5.70	0.05	581	191.07	0.00
5.80	0.05	601	191.07	0.00
5.90	0.05	620	191.07	0.00
6.00	0.06	640	191.07	0.00
6.10	0.06	660	191.07	0.00
6.20	0.06	681	191.08	0.00
6.30	0.06	703	191.08	0.00
6.40	0.06	725	191.08	0.00
6.50	0.06	747	191.08	0.00
6.60	0.07	770	191.09	0.00
6.70	0.07	794	191.09	0.00
6.80	0.07	819	191.09	0.00
6.90	0.07	844	191.09	0.00
7.00	0.07	869	191.10	0.00
7.10	0.07	895	191.10	0.00
7.20	0.08	922	191.10	0.00
7.30	0.08	950	191.11	0.00
7.40	0.08	977	191.11	0.00
7.50	0.08	1,006	191.11	0.00
7.60	0.08	1,035	191.12	0.00
7.70	0.08	1,065	191.12	0.00
7.80	0.09	1,095	191.12	0.00
7.90	0.09	1,126	191.13	0.00
8.00	0.09	1,158	191.13	0.00
8.10	0.09	1,190	191.13	0.00
8.20	0.09	1,223	191.14	0.00
8.30	0.09	1,257	191.14	0.00
8.40	0.10	1,291	191.14	0.00
8.50	0.10	1,325	191.15	0.00
8.60	0.10	1,361	191.15	0.00
8.70	0.10	1,396	191.16	0.00
8.80	0.10	1,433	191.16	0.00
8.90	0.10	1,470	191.16	0.00
9.00	0.11	1,508	191.17	0.00
9.10	0.11	1,548	191.17	0.00
9.20	0.12	1,591	191.18	0.00
9.30	0.13	1,637	191.18	0.00
9.40	0.14	1,685	191.19	0.00
9.50	0.15	1,737	191.19	0.00
9.60	0.16	1,792	191.20	0.00
9.70	0.17	1,850	191.21	0.00
9.80	0.18	1,911	191.21	0.00
9.90	0.19	1,976	191.22	0.00
10.00	0.20	2,045	191.23	0.00
10.10	0.21	2,117	191.23	0.00
10.20	0.22	2,193	191.24	0.00
10.30	0.23	2,274	191.25	0.00

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.24	2,358	191.26	0.00
10.50	0.25	2,446	191.27	0.00
10.60	0.28	2,542	191.28	0.00
10.70	0.31	2,649	191.29	0.00
10.80	0.35	2,769	191.31	0.00
10.90	0.39	2,901	191.32	0.00
11.00	0.43	3,048	191.34	0.00
11.10	0.49	3,213	191.35	0.00
11.20	0.56	3,402	191.37	0.00
11.30	0.63	3,617	191.40	0.00
11.40	0.71	3,859	191.42	0.00
11.50	0.79	4,129	191.45	0.01
11.60	1.13	4,473	191.49	0.01
11.70	1.33	4,910	191.53	0.03
11.80	1.78	5,459	191.59	0.05
11.90	2.52	6,214	191.67	0.07
12.00	4.25	7,409	191.79	0.09
12.10	7.33	9,472	192.00	0.12
12.20	5.61	11,776	192.22	0.14
12.30	3.75	13,401	192.38	0.15
12.40	2.57	14,461	192.48	0.16
12.50	2.07	15,227	192.55	0.17
12.60	1.57	15,816	192.60	0.17
12.70	1.28	16,263	192.64	0.18
12.80	1.12	16,629	192.68	0.18
12.90	1.01	16,948	192.71	0.18
13.00	0.91	17,229	192.73	0.18
13.10	0.82	17,474	192.75	0.18
13.20	0.74	17,688	192.77	0.18
13.30	0.68	17,876	192.79	0.19
13.40	0.63	18,044	192.81	0.19
13.50	0.57	18,192	192.82	0.19
13.60	0.52	18,321	192.83	0.19
13.70	0.49	18,434	192.84	0.19
13.80	0.47	18,536	192.85	0.19
13.90	0.45	18,633	192.86	0.19
14.00	0.44	18,724	192.87	0.19
14.10	0.42	18,810	192.87	0.19
14.20	0.41	18,891	192.88	0.19
14.30	0.40	18,966	192.89	0.19
14.40	0.38	19,037	192.89	0.19
14.50	0.37	19,102	192.90	0.19
14.60	0.35	19,162	192.91	0.19
14.70	0.34	19,216	192.91	0.19
14.80	0.33	19,266	192.92	0.19
14.90	0.31	19,310	192.92	0.20
15.00	0.30	19,349	192.92	0.20
15.10	0.28	19,383	192.93	0.20
15.20	0.27	19,412	192.93	0.20
15.30	0.27	19,439	192.93	0.20
15.40	0.26	19,465	192.93	0.20
15.50	0.26	19,488	192.93	0.20

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.26	19,511	192.94	0.20
15.70	0.25	19,532	192.94	0.20
15.80	0.25	19,551	192.94	0.20
15.90	0.25	19,570	192.94	0.20
16.00	0.24	19,587	192.94	0.20
16.10	0.24	19,602	192.94	0.20
16.20	0.23	19,616	192.95	0.20
16.30	0.23	19,629	192.95	0.20
16.40	0.23	19,640	192.95	0.20
16.50	0.22	19,650	192.95	0.20
16.60	0.22	19,659	192.95	0.20
16.70	0.22	19,666	192.95	0.20
16.80	0.21	19,672	192.95	0.20
16.90	0.21	19,676	192.95	0.20
17.00	0.20	19,679	192.95	0.20
17.10	0.20	19,681	192.95	0.20
17.20	0.20	19,682	192.95	0.20
17.30	0.19	19,681	192.95	0.20
17.40	0.19	19,678	192.95	0.20
17.50	0.19	19,674	192.95	0.20
17.60	0.18	19,669	192.95	0.20
17.70	0.18	19,663	192.95	0.20
17.80	0.17	19,655	192.95	0.20
17.90	0.17	19,645	192.95	0.20
18.00	0.17	19,635	192.95	0.20
18.10	0.16	19,623	192.95	0.20
18.20	0.16	19,610	192.95	0.20
18.30	0.16	19,596	192.94	0.20
18.40	0.16	19,582	192.94	0.20
18.50	0.16	19,567	192.94	0.20
18.60	0.16	19,553	192.94	0.20
18.70	0.15	19,538	192.94	0.20
18.80	0.15	19,522	192.94	0.20
18.90	0.15	19,506	192.94	0.20
19.00	0.15	19,490	192.93	0.20
19.10	0.15	19,474	192.93	0.20
19.20	0.15	19,458	192.93	0.20
19.30	0.15	19,441	192.93	0.20
19.40	0.15	19,423	192.93	0.20
19.50	0.15	19,406	192.93	0.20
19.60	0.15	19,388	192.93	0.20
19.70	0.14	19,370	192.92	0.20
19.80	0.14	19,352	192.92	0.20
19.90	0.14	19,333	192.92	0.20
20.00	0.14	19,314	192.92	0.20
20.10	0.14	19,295	192.92	0.20
20.20	0.14	19,275	192.92	0.20
20.30	0.14	19,255	192.91	0.19
20.40	0.14	19,235	192.91	0.19
20.50	0.14	19,215	192.91	0.19
20.60	0.14	19,194	192.91	0.19
20.70	0.14	19,173	192.91	0.19

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	19,152	192.90	0.19
20.90	0.13	19,130	192.90	0.19
21.00	0.13	19,108	192.90	0.19
21.10	0.13	19,086	192.90	0.19
21.20	0.13	19,063	192.90	0.19
21.30	0.13	19,040	192.90	0.19
21.40	0.13	19,017	192.89	0.19
21.50	0.13	18,994	192.89	0.19
21.60	0.13	18,970	192.89	0.19
21.70	0.13	18,946	192.89	0.19
21.80	0.13	18,922	192.88	0.19
21.90	0.12	18,897	192.88	0.19
22.00	0.12	18,872	192.88	0.19
22.10	0.12	18,847	192.88	0.19
22.20	0.12	18,822	192.88	0.19
22.30	0.12	18,796	192.87	0.19
22.40	0.12	18,770	192.87	0.19
22.50	0.12	18,744	192.87	0.19
22.60	0.12	18,717	192.87	0.19
22.70	0.12	18,690	192.86	0.19
22.80	0.12	18,663	192.86	0.19
22.90	0.11	18,636	192.86	0.19
23.00	0.11	18,608	192.86	0.19
23.10	0.11	18,580	192.85	0.19
23.20	0.11	18,551	192.85	0.19
23.30	0.11	18,523	192.85	0.19
23.40	0.11	18,494	192.85	0.19
23.50	0.11	18,465	192.84	0.19
23.60	0.11	18,435	192.84	0.19
23.70	0.11	18,405	192.84	0.19
23.80	0.11	18,375	192.84	0.19
23.90	0.10	18,345	192.83	0.19
24.00	0.12	18,317	192.83	0.19
24.10	0.06	18,281	192.83	0.19
24.20	0.02	18,227	192.82	0.19
24.30	0.00	18,163	192.82	0.19
24.40	0.00	18,096	192.81	0.19
24.50	0.00	18,029	192.80	0.19
24.60	0.00	17,961	192.80	0.19
24.70	0.00	17,894	192.79	0.19
24.80	0.00	17,827	192.79	0.19
24.90	0.00	17,761	192.78	0.19
25.00	0.00	17,694	192.77	0.18
25.10	0.00	17,627	192.77	0.18
25.20	0.00	17,561	192.76	0.18
25.30	0.00	17,495	192.76	0.18
25.40	0.00	17,429	192.75	0.18
25.50	0.00	17,363	192.74	0.18
25.60	0.00	17,297	192.74	0.18
25.70	0.00	17,232	192.73	0.18
25.80	0.00	17,166	192.73	0.18
25.90	0.00	17,101	192.72	0.18

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	17,036	192.72	0.18
26.10	0.00	16,971	192.71	0.18
26.20	0.00	16,906	192.70	0.18
26.30	0.00	16,841	192.70	0.18
26.40	0.00	16,777	192.69	0.18
26.50	0.00	16,713	192.69	0.18
26.60	0.00	16,648	192.68	0.18
26.70	0.00	16,584	192.67	0.18
26.80	0.00	16,521	192.67	0.18
26.90	0.00	16,457	192.66	0.18
27.00	0.00	16,393	192.66	0.18
27.10	0.00	16,330	192.65	0.18
27.20	0.00	16,267	192.65	0.18
27.30	0.00	16,204	192.64	0.17
27.40	0.00	16,141	192.63	0.17
27.50	0.00	16,078	192.63	0.17
27.60	0.00	16,016	192.62	0.17
27.70	0.00	15,953	192.62	0.17
27.80	0.00	15,891	192.61	0.17
27.90	0.00	15,829	192.60	0.17
28.00	0.00	15,767	192.60	0.17
28.10	0.00	15,705	192.59	0.17
28.20	0.00	15,644	192.59	0.17
28.30	0.00	15,582	192.58	0.17
28.40	0.00	15,521	192.58	0.17
28.50	0.00	15,460	192.57	0.17
28.60	0.00	15,399	192.57	0.17
28.70	0.00	15,338	192.56	0.17
28.80	0.00	15,278	192.55	0.17
28.90	0.00	15,217	192.55	0.17
29.00	0.00	15,157	192.54	0.17
29.10	0.00	15,097	192.54	0.17
29.20	0.00	15,037	192.53	0.17
29.30	0.00	14,977	192.53	0.17
29.40	0.00	14,917	192.52	0.17
29.50	0.00	14,858	192.52	0.17
29.60	0.00	14,798	192.51	0.16
29.70	0.00	14,739	192.50	0.16
29.80	0.00	14,680	192.50	0.16
29.90	0.00	14,621	192.49	0.16
30.00	0.00	14,563	192.49	0.16
30.10	0.00	14,504	192.48	0.16
30.20	0.00	14,446	192.48	0.16
30.30	0.00	14,388	192.47	0.16
30.40	0.00	14,330	192.47	0.16
30.50	0.00	14,272	192.46	0.16
30.60	0.00	14,214	192.46	0.16
30.70	0.00	14,157	192.45	0.16
30.80	0.00	14,099	192.44	0.16
30.90	0.00	14,042	192.44	0.16
31.00	0.00	13,985	192.43	0.16
31.10	0.00	13,928	192.43	0.16

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	13,871	192.42	0.16
31.30	0.00	13,815	192.42	0.16
31.40	0.00	13,758	192.41	0.16
31.50	0.00	13,702	192.41	0.16
31.60	0.00	13,646	192.40	0.16
31.70	0.00	13,590	192.40	0.16
31.80	0.00	13,535	192.39	0.15
31.90	0.00	13,479	192.39	0.15
32.00	0.00	13,424	192.38	0.15
32.10	0.00	13,368	192.38	0.15
32.20	0.00	13,313	192.37	0.15
32.30	0.00	13,258	192.37	0.15
32.40	0.00	13,204	192.36	0.15
32.50	0.00	13,149	192.35	0.15
32.60	0.00	13,095	192.35	0.15
32.70	0.00	13,040	192.34	0.15
32.80	0.00	12,986	192.34	0.15
32.90	0.00	12,932	192.33	0.15
33.00	0.00	12,879	192.33	0.15
33.10	0.00	12,825	192.32	0.15
33.20	0.00	12,772	192.32	0.15
33.30	0.00	12,718	192.31	0.15
33.40	0.00	12,665	192.31	0.15
33.50	0.00	12,612	192.30	0.15
33.60	0.00	12,560	192.30	0.15
33.70	0.00	12,507	192.29	0.15
33.80	0.00	12,455	192.29	0.15
33.90	0.00	12,402	192.28	0.14
34.00	0.00	12,350	192.28	0.14
34.10	0.00	12,298	192.27	0.14
34.20	0.00	12,247	192.27	0.14
34.30	0.00	12,195	192.26	0.14
34.40	0.00	12,144	192.26	0.14
34.50	0.00	12,092	192.25	0.14
34.60	0.00	12,041	192.25	0.14
34.70	0.00	11,990	192.24	0.14
34.80	0.00	11,940	192.24	0.14
34.90	0.00	11,889	192.23	0.14
35.00	0.00	11,839	192.23	0.14
35.10	0.00	11,788	192.22	0.14
35.20	0.00	11,738	192.22	0.14
35.30	0.00	11,688	192.22	0.14
35.40	0.00	11,639	192.21	0.14
35.50	0.00	11,589	192.21	0.14
35.60	0.00	11,540	192.20	0.14
35.70	0.00	11,490	192.20	0.14
35.80	0.00	11,441	192.19	0.14
35.90	0.00	11,392	192.19	0.14
36.00	0.00	11,344	192.18	0.14
36.10	0.00	11,295	192.18	0.13
36.20	0.00	11,247	192.17	0.13
36.30	0.00	11,199	192.17	0.13

Hydrograph for Pond B-48: Basin #48 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	11,150	192.16	0.13
36.50	0.00	11,103	192.16	0.13
36.60	0.00	11,055	192.15	0.13
36.70	0.00	11,007	192.15	0.13
36.80	0.00	10,960	192.14	0.13
36.90	0.00	10,913	192.14	0.13
37.00	0.00	10,866	192.14	0.13
37.10	0.00	10,819	192.13	0.13
37.20	0.00	10,772	192.13	0.13
37.30	0.00	10,726	192.12	0.13
37.40	0.00	10,679	192.12	0.13
37.50	0.00	10,633	192.11	0.13
37.60	0.00	10,587	192.11	0.13
37.70	0.00	10,541	192.10	0.13
37.80	0.00	10,496	192.10	0.13
37.90	0.00	10,450	192.10	0.13
38.00	0.00	10,405	192.09	0.13
38.10	0.00	10,360	192.09	0.13
38.20	0.00	10,315	192.08	0.12
38.30	0.00	10,270	192.08	0.12
38.40	0.00	10,225	192.07	0.12
38.50	0.00	10,181	192.07	0.12
38.60	0.00	10,136	192.06	0.12
38.70	0.00	10,092	192.06	0.12
38.80	0.00	10,048	192.06	0.12
38.90	0.00	10,004	192.05	0.12
39.00	0.00	9,961	192.05	0.12
39.10	0.00	9,917	192.04	0.12
39.20	0.00	9,874	192.04	0.12
39.30	0.00	9,831	192.03	0.12
39.40	0.00	9,788	192.03	0.12
39.50	0.00	9,745	192.03	0.12
39.60	0.00	9,703	192.02	0.12
39.70	0.00	9,660	192.02	0.12
39.80	0.00	9,618	192.01	0.12
39.90	0.00	9,576	192.01	0.12
40.00	0.00	9,534	192.00	0.12

Stage-Discharge for Pond B-48: Basin #48

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
191.00	0.00	191.52	0.02	192.04	0.12	192.56	0.17
191.01	0.00	191.53	0.03	192.05	0.12	192.57	0.17
191.02	0.00	191.54	0.03	192.06	0.12	192.58	0.17
191.03	0.00	191.55	0.03	192.07	0.12	192.59	0.17
191.04	0.00	191.56	0.04	192.08	0.12	192.60	0.17
191.05	0.00	191.57	0.04	192.09	0.13	192.61	0.17
191.06	0.00	191.58	0.05	192.10	0.13	192.62	0.17
191.07	0.00	191.59	0.05	192.11	0.13	192.63	0.17
191.08	0.00	191.60	0.05	192.12	0.13	192.64	0.17
191.09	0.00	191.61	0.05	192.13	0.13	192.65	0.18
191.10	0.00	191.62	0.06	192.14	0.13	192.66	0.18
191.11	0.00	191.63	0.06	192.15	0.13	192.67	0.18
191.12	0.00	191.64	0.06	192.16	0.13	192.68	0.18
191.13	0.00	191.65	0.06	192.17	0.13	192.69	0.18
191.14	0.00	191.66	0.06	192.18	0.13	192.70	0.18
191.15	0.00	191.67	0.07	192.19	0.14	192.71	0.18
191.16	0.00	191.68	0.07	192.20	0.14	192.72	0.18
191.17	0.00	191.69	0.07	192.21	0.14	192.73	0.18
191.18	0.00	191.70	0.07	192.22	0.14	192.74	0.18
191.19	0.00	191.71	0.07	192.23	0.14	192.75	0.18
191.20	0.00	191.72	0.08	192.24	0.14	192.76	0.18
191.21	0.00	191.73	0.08	192.25	0.14	192.77	0.18
191.22	0.00	191.74	0.08	192.26	0.14	192.78	0.19
191.23	0.00	191.75	0.08	192.27	0.14	192.79	0.19
191.24	0.00	191.76	0.08	192.28	0.14	192.80	0.19
191.25	0.00	191.77	0.08	192.29	0.15	192.81	0.19
191.26	0.00	191.78	0.09	192.30	0.15	192.82	0.19
191.27	0.00	191.79	0.09	192.31	0.15	192.83	0.19
191.28	0.00	191.80	0.09	192.32	0.15	192.84	0.19
191.29	0.00	191.81	0.09	192.33	0.15	192.85	0.19
191.30	0.00	191.82	0.09	192.34	0.15	192.86	0.19
191.31	0.00	191.83	0.09	192.35	0.15	192.87	0.19
191.32	0.00	191.84	0.10	192.36	0.15	192.88	0.19
191.33	0.00	191.85	0.10	192.37	0.15	192.89	0.19
191.34	0.00	191.86	0.10	192.38	0.15	192.90	0.19
191.35	0.00	191.87	0.10	192.39	0.15	192.91	0.19
191.36	0.00	191.88	0.10	192.40	0.16	192.92	0.20
191.37	0.00	191.89	0.10	192.41	0.16	192.93	0.20
191.38	0.00	191.90	0.10	192.42	0.16	192.94	0.20
191.39	0.00	191.91	0.10	192.43	0.16	192.95	0.20
191.40	0.00	191.92	0.11	192.44	0.16	192.96	0.20
191.41	0.00	191.93	0.11	192.45	0.16	192.97	0.20
191.42	0.00	191.94	0.11	192.46	0.16	192.98	0.20
191.43	0.00	191.95	0.11	192.47	0.16	192.99	0.20
191.44	0.00	191.96	0.11	192.48	0.16	193.00	0.20
191.45	0.00	191.97	0.11	192.49	0.16	193.01	0.21
191.46	0.01	191.98	0.11	192.50	0.16	193.02	0.24
191.47	0.01	191.99	0.11	192.51	0.16	193.03	0.27
191.48	0.01	192.00	0.12	192.52	0.17	193.04	0.31
191.49	0.01	192.01	0.12	192.53	0.17	193.05	0.35
191.50	0.02	192.02	0.12	192.54	0.17	193.06	0.40
191.51	0.02	192.03	0.12	192.55	0.17	193.07	0.45

Stage-Discharge for Pond B-48: Basin #48 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
193.08	0.50	193.60	6.13
193.09	0.56	193.61	6.28
193.10	0.62	193.62	6.43
193.11	0.68	193.63	6.57
193.12	0.75	193.64	6.72
193.13	0.82	193.65	6.87
193.14	0.89	193.66	7.02
193.15	0.96	193.67	7.17
193.16	1.04	193.68	7.33
193.17	1.12	193.69	7.48
193.18	1.20	193.70	7.64
193.19	1.29	193.71	7.79
193.20	1.37	193.72	7.95
193.21	1.46	193.73	8.11
193.22	1.55	193.74	8.26
193.23	1.64	193.75	8.42
193.24	1.74	193.76	8.58
193.25	1.83	193.77	8.74
193.26	1.93	193.78	8.91
193.27	2.03	193.79	9.07
193.28	2.13	193.80	9.23
193.29	2.23	193.81	9.40
193.30	2.34	193.82	9.56
193.31	2.44	193.83	9.73
193.32	2.55	193.84	9.90
193.33	2.66	193.85	10.07
193.34	2.77	193.86	10.24
193.35	2.88	193.87	10.40
193.36	3.00	193.88	10.58
193.37	3.11	193.89	10.75
193.38	3.23	193.90	10.92
193.39	3.35	193.91	11.09
193.40	3.47	193.92	11.27
193.41	3.59	193.93	11.44
193.42	3.71	193.94	11.62
193.43	3.84	193.95	11.79
193.44	3.96	193.96	11.97
193.45	4.09	193.97	12.15
193.46	4.22	193.98	12.33
193.47	4.35	193.99	12.51
193.48	4.48	194.00	12.81
193.49	4.61		
193.50	4.74		
193.51	4.87		
193.52	5.01		
193.53	5.15		
193.54	5.28		
193.55	5.42		
193.56	5.56		
193.57	5.70		
193.58	5.85		
193.59	5.99		

Stage-Area-Storage for Pond B-48: Basin #48

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
191.00	8,869	0	191.52	9,509	4,778
191.01	8,881	89	191.53	9,521	4,873
191.02	8,894	178	191.54	9,534	4,969
191.03	8,906	267	191.55	9,546	5,064
191.04	8,918	356	191.56	9,558	5,160
191.05	8,931	445	191.57	9,571	5,255
191.06	8,943	534	191.58	9,583	5,351
191.07	8,955	624	191.59	9,595	5,447
191.08	8,967	713	191.60	9,608	5,543
191.09	8,980	803	191.61	9,620	5,639
191.10	8,992	893	191.62	9,632	5,735
191.11	9,004	983	191.63	9,645	5,832
191.12	9,017	1,073	191.64	9,657	5,928
191.13	9,029	1,163	191.65	9,669	6,025
191.14	9,041	1,254	191.66	9,681	6,122
191.15	9,054	1,344	191.67	9,694	6,219
191.16	9,066	1,435	191.68	9,706	6,316
191.17	9,078	1,526	191.69	9,718	6,413
191.18	9,091	1,616	191.70	9,731	6,510
191.19	9,103	1,707	191.71	9,743	6,607
191.20	9,115	1,798	191.72	9,755	6,705
191.21	9,128	1,890	191.73	9,768	6,802
191.22	9,140	1,981	191.74	9,780	6,900
191.23	9,152	2,072	191.75	9,792	6,998
191.24	9,164	2,164	191.76	9,805	7,096
191.25	9,177	2,256	191.77	9,817	7,194
191.26	9,189	2,348	191.78	9,829	7,292
191.27	9,201	2,439	191.79	9,841	7,391
191.28	9,214	2,532	191.80	9,854	7,489
191.29	9,226	2,624	191.81	9,866	7,588
191.30	9,238	2,716	191.82	9,878	7,686
191.31	9,251	2,809	191.83	9,891	7,785
191.32	9,263	2,901	191.84	9,903	7,884
191.33	9,275	2,994	191.85	9,915	7,983
191.34	9,288	3,087	191.86	9,928	8,083
191.35	9,300	3,180	191.87	9,940	8,182
191.36	9,312	3,273	191.88	9,952	8,281
191.37	9,324	3,366	191.89	9,965	8,381
191.38	9,337	3,459	191.90	9,977	8,481
191.39	9,349	3,553	191.91	9,989	8,580
191.40	9,361	3,646	191.92	10,002	8,680
191.41	9,374	3,740	191.93	10,014	8,781
191.42	9,386	3,834	191.94	10,026	8,881
191.43	9,398	3,927	191.95	10,038	8,981
191.44	9,411	4,022	191.96	10,051	9,081
191.45	9,423	4,116	191.97	10,063	9,182
191.46	9,435	4,210	191.98	10,075	9,283
191.47	9,448	4,304	191.99	10,088	9,384
191.48	9,460	4,399	192.00	10,100	9,485
191.49	9,472	4,494	192.01	10,113	9,586
191.50	9,485	4,588	192.02	10,126	9,687
191.51	9,497	4,683	192.03	10,139	9,788

Stage-Area-Storage for Pond B-48: Basin #48 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
192.04	10,151	9,890	192.56	10,821	15,342
192.05	10,164	9,991	192.57	10,834	15,451
192.06	10,177	10,093	192.58	10,846	15,559
192.07	10,190	10,195	192.59	10,859	15,668
192.08	10,203	10,297	192.60	10,872	15,776
192.09	10,216	10,399	192.61	10,885	15,885
192.10	10,229	10,501	192.62	10,898	15,994
192.11	10,242	10,603	192.63	10,911	16,103
192.12	10,254	10,706	192.64	10,924	16,212
192.13	10,267	10,808	192.65	10,937	16,321
192.14	10,280	10,911	192.66	10,949	16,431
192.15	10,293	11,014	192.67	10,962	16,540
192.16	10,306	11,117	192.68	10,975	16,650
192.17	10,319	11,220	192.69	10,988	16,760
192.18	10,332	11,323	192.70	11,001	16,870
192.19	10,345	11,427	192.71	11,014	16,980
192.20	10,357	11,530	192.72	11,027	17,090
192.21	10,370	11,634	192.73	11,040	17,200
192.22	10,383	11,738	192.74	11,052	17,311
192.23	10,396	11,842	192.75	11,065	17,421
192.24	10,409	11,946	192.76	11,078	17,532
192.25	10,422	12,050	192.77	11,091	17,643
192.26	10,435	12,154	192.78	11,104	17,754
192.27	10,447	12,258	192.79	11,117	17,865
192.28	10,460	12,363	192.80	11,130	17,976
192.29	10,473	12,468	192.81	11,142	18,088
192.30	10,486	12,572	192.82	11,155	18,199
192.31	10,499	12,677	192.83	11,168	18,311
192.32	10,512	12,782	192.84	11,181	18,423
192.33	10,525	12,888	192.85	11,194	18,534
192.34	10,538	12,993	192.86	11,207	18,646
192.35	10,550	13,098	192.87	11,220	18,759
192.36	10,563	13,204	192.88	11,233	18,871
192.37	10,576	13,310	192.89	11,245	18,983
192.38	10,589	13,415	192.90	11,258	19,096
192.39	10,602	13,521	192.91	11,271	19,208
192.40	10,615	13,627	192.92	11,284	19,321
192.41	10,628	13,734	192.93	11,297	19,434
192.42	10,641	13,840	192.94	11,310	19,547
192.43	10,653	13,946	192.95	11,323	19,660
192.44	10,666	14,053	192.96	11,336	19,774
192.45	10,679	14,160	192.97	11,348	19,887
192.46	10,692	14,267	192.98	11,361	20,001
192.47	10,705	14,374	192.99	11,374	20,114
192.48	10,718	14,481	193.00	11,387	20,228
192.49	10,731	14,588	193.01	11,400	20,342
192.50	10,744	14,695	193.02	11,414	20,456
192.51	10,756	14,803	193.03	11,427	20,570
192.52	10,769	14,911	193.04	11,441	20,685
192.53	10,782	15,018	193.05	11,454	20,799
192.54	10,795	15,126	193.06	11,468	20,914
192.55	10,808	15,234	193.07	11,481	21,028

Stage-Area-Storage for Pond B-48: Basin #48 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
193.08	11,495	21,143	193.60	12,193	27,302
193.09	11,508	21,258	193.61	12,207	27,424
193.10	11,521	21,373	193.62	12,220	27,546
193.11	11,535	21,489	193.63	12,234	27,669
193.12	11,548	21,604	193.64	12,247	27,791
193.13	11,562	21,720	193.65	12,261	27,913
193.14	11,575	21,835	193.66	12,274	28,036
193.15	11,589	21,951	193.67	12,287	28,159
193.16	11,602	22,067	193.68	12,301	28,282
193.17	11,615	22,183	193.69	12,314	28,405
193.18	11,629	22,299	193.70	12,328	28,528
193.19	11,642	22,416	193.71	12,341	28,652
193.20	11,656	22,532	193.72	12,355	28,775
193.21	11,669	22,649	193.73	12,368	28,899
193.22	11,683	22,766	193.74	12,382	29,022
193.23	11,696	22,883	193.75	12,395	29,146
193.24	11,710	23,000	193.76	12,408	29,270
193.25	11,723	23,117	193.77	12,422	29,394
193.26	11,736	23,234	193.78	12,435	29,519
193.27	11,750	23,351	193.79	12,449	29,643
193.28	11,763	23,469	193.80	12,462	29,768
193.29	11,777	23,587	193.81	12,476	29,892
193.30	11,790	23,705	193.82	12,489	30,017
193.31	11,804	23,823	193.83	12,503	30,142
193.32	11,817	23,941	193.84	12,516	30,267
193.33	11,831	24,059	193.85	12,529	30,392
193.34	11,844	24,177	193.86	12,543	30,518
193.35	11,857	24,296	193.87	12,556	30,643
193.36	11,871	24,414	193.88	12,570	30,769
193.37	11,884	24,533	193.89	12,583	30,895
193.38	11,898	24,652	193.90	12,597	31,021
193.39	11,911	24,771	193.91	12,610	31,147
193.40	11,925	24,890	193.92	12,623	31,273
193.41	11,938	25,010	193.93	12,637	31,399
193.42	11,951	25,129	193.94	12,650	31,526
193.43	11,965	25,249	193.95	12,664	31,652
193.44	11,978	25,368	193.96	12,677	31,779
193.45	11,992	25,488	193.97	12,691	31,906
193.46	12,005	25,608	193.98	12,704	32,033
193.47	12,019	25,728	193.99	12,718	32,160
193.48	12,032	25,849	194.00	12,731	32,287
193.49	12,046	25,969			
193.50	12,059	26,090			
193.51	12,072	26,210			
193.52	12,086	26,331			
193.53	12,099	26,452			
193.54	12,113	26,573			
193.55	12,126	26,694			
193.56	12,140	26,815			
193.57	12,153	26,937			
193.58	12,167	27,059			
193.59	12,180	27,180			

Summary for Pond B-49: Basin #49

Inflow Area = 2.090 ac, 43.68% Impervious, Inflow Depth = 3.47" for Current 10 yr event
 Inflow = 8.49 cfs @ 12.11 hrs, Volume= 0.605 af
 Outflow = 1.49 cfs @ 12.57 hrs, Volume= 0.476 af, Atten= 83%, Lag= 27.7 min
 Primary = 1.49 cfs @ 12.57 hrs, Volume= 0.476 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 184.96' @ 12.57 hrs Surf.Area= 8,668 sf Storage= 14,876 cf

Plug-Flow detention time= 535.7 min calculated for 0.476 af (79% of inflow)
 Center-of-Mass det. time= 451.3 min (1,234.9 - 783.6)

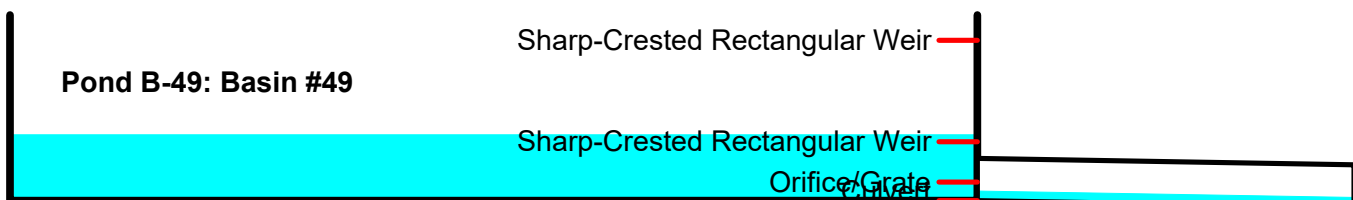
Volume	Invert	Avail.Storage	Storage Description
#1	183.00'	52,993 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
183.00	6,565	0	0
184.00	7,625	7,095	7,095
185.00	8,717	8,171	15,266
186.00	9,853	9,285	24,551
187.00	11,027	10,440	34,991
188.00	12,333	11,680	46,671
188.50	12,956	6,322	52,993

Device	Routing	Invert	Outlet Devices
#1	Primary	183.00'	15.0" Round Culvert L= 25.0' Ke= 0.500 Inlet / Outlet Invert= 183.00' / 182.81' S= 0.0076 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#2	Device 1	183.55'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	184.74'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	187.75'	30.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)

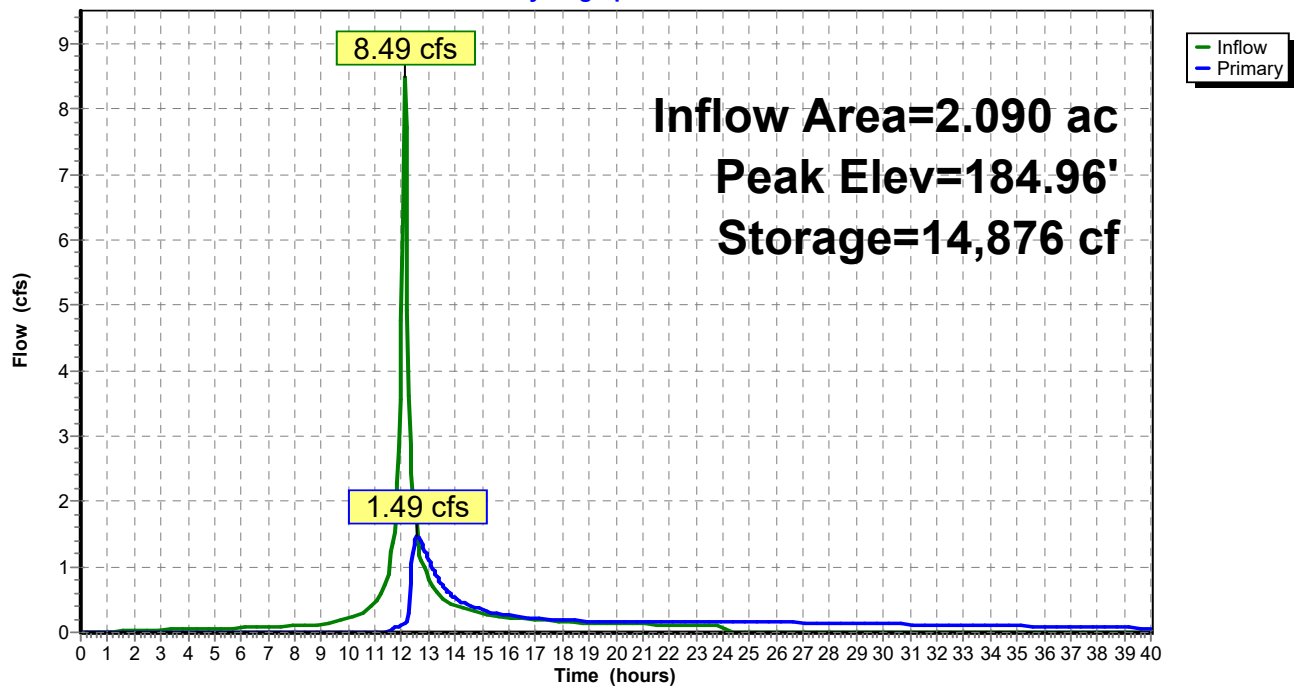
Primary OutFlow Max=1.47 cfs @ 12.57 hrs HW=184.95' (Free Discharge)

1=Culvert (Passes 1.47 cfs of 6.45 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.19 cfs @ 5.49 fps)
 3=Sharp-Crested Rectangular Weir (Weir Controls 1.28 cfs @ 1.51 fps)
 4=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)



Pond B-49: Basin #49

Hydrograph



Hydrograph for Pond B-49: Basin #49

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	183.00	0.00
0.10	0.00	0	183.00	0.00
0.20	0.00	0	183.00	0.00
0.30	0.00	0	183.00	0.00
0.40	0.00	0	183.00	0.00
0.50	0.00	0	183.00	0.00
0.60	0.00	0	183.00	0.00
0.70	0.00	0	183.00	0.00
0.80	0.00	0	183.00	0.00
0.90	0.00	1	183.00	0.00
1.00	0.01	2	183.00	0.00
1.10	0.01	4	183.00	0.00
1.20	0.01	7	183.00	0.00
1.30	0.01	11	183.00	0.00
1.40	0.01	16	183.00	0.00
1.50	0.02	21	183.00	0.00
1.60	0.02	28	183.00	0.00
1.70	0.02	34	183.01	0.00
1.80	0.02	42	183.01	0.00
1.90	0.02	50	183.01	0.00
2.00	0.03	59	183.01	0.00
2.10	0.03	68	183.01	0.00
2.20	0.03	78	183.01	0.00
2.30	0.03	89	183.01	0.00
2.40	0.03	100	183.02	0.00
2.50	0.03	111	183.02	0.00
2.60	0.03	123	183.02	0.00
2.70	0.04	135	183.02	0.00
2.80	0.04	148	183.02	0.00
2.90	0.04	162	183.02	0.00
3.00	0.04	175	183.03	0.00
3.10	0.04	189	183.03	0.00
3.20	0.04	204	183.03	0.00
3.30	0.04	219	183.03	0.00
3.40	0.04	234	183.04	0.00
3.50	0.04	250	183.04	0.00
3.60	0.05	266	183.04	0.00
3.70	0.05	283	183.04	0.00
3.80	0.05	300	183.05	0.00
3.90	0.05	317	183.05	0.00
4.00	0.05	334	183.05	0.00
4.10	0.05	352	183.05	0.00
4.20	0.05	370	183.06	0.00
4.30	0.05	389	183.06	0.00
4.40	0.05	408	183.06	0.00
4.50	0.05	427	183.06	0.00
4.60	0.05	447	183.07	0.00
4.70	0.06	466	183.07	0.00
4.80	0.06	486	183.07	0.00
4.90	0.06	507	183.08	0.00
5.00	0.06	527	183.08	0.00
5.10	0.06	548	183.08	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.06	569	183.09	0.00
5.30	0.06	591	183.09	0.00
5.40	0.06	613	183.09	0.00
5.50	0.06	635	183.10	0.00
5.60	0.06	657	183.10	0.00
5.70	0.06	680	183.10	0.00
5.80	0.06	702	183.11	0.00
5.90	0.06	725	183.11	0.00
6.00	0.07	749	183.11	0.00
6.10	0.07	772	183.12	0.00
6.20	0.07	797	183.12	0.00
6.30	0.07	822	183.12	0.00
6.40	0.07	848	183.13	0.00
6.50	0.07	874	183.13	0.00
6.60	0.08	901	183.14	0.00
6.70	0.08	929	183.14	0.00
6.80	0.08	958	183.14	0.00
6.90	0.08	987	183.15	0.00
7.00	0.08	1,017	183.15	0.00
7.10	0.09	1,048	183.16	0.00
7.20	0.09	1,079	183.16	0.00
7.30	0.09	1,111	183.17	0.00
7.40	0.09	1,144	183.17	0.00
7.50	0.09	1,177	183.18	0.00
7.60	0.10	1,212	183.18	0.00
7.70	0.10	1,247	183.19	0.00
7.80	0.10	1,282	183.19	0.00
7.90	0.10	1,319	183.20	0.00
8.00	0.10	1,356	183.20	0.00
8.10	0.11	1,393	183.21	0.00
8.20	0.11	1,432	183.21	0.00
8.30	0.11	1,471	183.22	0.00
8.40	0.11	1,511	183.23	0.00
8.50	0.11	1,552	183.23	0.00
8.60	0.12	1,593	183.24	0.00
8.70	0.12	1,635	183.24	0.00
8.80	0.12	1,678	183.25	0.00
8.90	0.12	1,721	183.26	0.00
9.00	0.13	1,766	183.26	0.00
9.10	0.13	1,813	183.27	0.00
9.20	0.14	1,863	183.28	0.00
9.30	0.15	1,915	183.29	0.00
9.40	0.16	1,971	183.29	0.00
9.50	0.17	2,031	183.30	0.00
9.60	0.18	2,093	183.31	0.00
9.70	0.19	2,159	183.32	0.00
9.80	0.20	2,229	183.33	0.00
9.90	0.21	2,302	183.34	0.00
10.00	0.22	2,380	183.35	0.00
10.10	0.23	2,460	183.36	0.00
10.20	0.24	2,545	183.38	0.00
10.30	0.25	2,634	183.39	0.00

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.26	2,727	183.40	0.00
10.50	0.28	2,824	183.42	0.00
10.60	0.31	2,929	183.43	0.00
10.70	0.34	3,045	183.45	0.00
10.80	0.38	3,176	183.47	0.00
10.90	0.42	3,320	183.49	0.00
11.00	0.46	3,479	183.51	0.00
11.10	0.53	3,656	183.53	0.00
11.20	0.60	3,859	183.56	0.00
11.30	0.68	4,088	183.59	0.00
11.40	0.76	4,345	183.63	0.01
11.50	0.84	4,626	183.67	0.02
11.60	1.24	4,980	183.72	0.04
11.70	1.43	5,446	183.78	0.06
11.80	1.93	6,016	183.86	0.07
11.90	2.76	6,818	183.96	0.09
12.00	4.78	8,098	184.13	0.11
12.10	8.40	10,371	184.42	0.14
12.20	4.93	12,904	184.72	0.17
12.30	2.86	14,096	184.86	0.76
12.40	2.05	14,615	184.92	1.22
12.50	1.81	14,823	184.95	1.43
12.60	1.32	14,870	184.95	1.48
12.70	1.12	14,784	184.94	1.39
12.80	1.02	14,687	184.93	1.29
12.90	0.93	14,592	184.92	1.20
13.00	0.83	14,495	184.91	1.11
13.10	0.74	14,397	184.90	1.02
13.20	0.68	14,301	184.89	0.93
13.30	0.63	14,214	184.88	0.86
13.40	0.58	14,136	184.87	0.79
13.50	0.53	14,062	184.86	0.73
13.60	0.47	13,989	184.85	0.68
13.70	0.45	13,920	184.84	0.63
13.80	0.44	13,862	184.84	0.58
13.90	0.42	13,813	184.83	0.55
14.00	0.41	13,772	184.83	0.52
14.10	0.40	13,736	184.82	0.49
14.20	0.38	13,704	184.82	0.47
14.30	0.37	13,675	184.82	0.45
14.40	0.36	13,648	184.81	0.43
14.50	0.34	13,621	184.81	0.42
14.60	0.33	13,594	184.81	0.41
14.70	0.32	13,567	184.80	0.39
14.80	0.30	13,540	184.80	0.38
14.90	0.29	13,513	184.80	0.36
15.00	0.28	13,486	184.79	0.35
15.10	0.26	13,459	184.79	0.34
15.20	0.26	13,434	184.79	0.32
15.30	0.25	13,410	184.78	0.31
15.40	0.25	13,390	184.78	0.30
15.50	0.25	13,372	184.78	0.29

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.24	13,355	184.78	0.29
15.70	0.24	13,341	184.78	0.28
15.80	0.23	13,327	184.77	0.27
15.90	0.23	13,314	184.77	0.26
16.00	0.23	13,303	184.77	0.26
16.10	0.22	13,292	184.77	0.25
16.20	0.22	13,282	184.77	0.25
16.30	0.22	13,272	184.77	0.24
16.40	0.21	13,263	184.77	0.24
16.50	0.21	13,254	184.77	0.23
16.60	0.21	13,245	184.76	0.23
16.70	0.20	13,237	184.76	0.23
16.80	0.20	13,229	184.76	0.22
16.90	0.20	13,221	184.76	0.22
17.00	0.19	13,213	184.76	0.21
17.10	0.19	13,205	184.76	0.21
17.20	0.18	13,197	184.76	0.21
17.30	0.18	13,189	184.76	0.21
17.40	0.18	13,179	184.76	0.20
17.50	0.17	13,170	184.76	0.20
17.60	0.17	13,159	184.75	0.20
17.70	0.17	13,149	184.75	0.20
17.80	0.16	13,138	184.75	0.19
17.90	0.16	13,126	184.75	0.19
18.00	0.16	13,114	184.75	0.19
18.10	0.15	13,102	184.75	0.19
18.20	0.15	13,090	184.75	0.18
18.30	0.15	13,078	184.74	0.18
18.40	0.15	13,067	184.74	0.18
18.50	0.15	13,057	184.74	0.18
18.60	0.15	13,047	184.74	0.17
18.70	0.15	13,037	184.74	0.17
18.80	0.14	13,028	184.74	0.17
18.90	0.14	13,018	184.74	0.17
19.00	0.14	13,008	184.74	0.17
19.10	0.14	12,998	184.74	0.17
19.20	0.14	12,987	184.73	0.17
19.30	0.14	12,977	184.73	0.17
19.40	0.14	12,966	184.73	0.17
19.50	0.14	12,954	184.73	0.17
19.60	0.14	12,943	184.73	0.17
19.70	0.14	12,931	184.73	0.17
19.80	0.14	12,919	184.73	0.17
19.90	0.13	12,906	184.72	0.17
20.00	0.13	12,893	184.72	0.17
20.10	0.13	12,880	184.72	0.17
20.20	0.13	12,867	184.72	0.17
20.30	0.13	12,853	184.72	0.17
20.40	0.13	12,839	184.72	0.17
20.50	0.13	12,825	184.71	0.17
20.60	0.13	12,811	184.71	0.17
20.70	0.13	12,796	184.71	0.17

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	12,781	184.71	0.17
20.90	0.13	12,766	184.71	0.17
21.00	0.12	12,750	184.71	0.17
21.10	0.12	12,735	184.70	0.17
21.20	0.12	12,718	184.70	0.17
21.30	0.12	12,702	184.70	0.17
21.40	0.12	12,686	184.70	0.17
21.50	0.12	12,669	184.70	0.17
21.60	0.12	12,652	184.69	0.17
21.70	0.12	12,634	184.69	0.17
21.80	0.12	12,616	184.69	0.17
21.90	0.12	12,599	184.69	0.17
22.00	0.12	12,580	184.69	0.17
22.10	0.11	12,562	184.68	0.17
22.20	0.11	12,543	184.68	0.17
22.30	0.11	12,524	184.68	0.17
22.40	0.11	12,505	184.68	0.17
22.50	0.11	12,485	184.67	0.17
22.60	0.11	12,465	184.67	0.17
22.70	0.11	12,446	184.67	0.17
22.80	0.11	12,425	184.67	0.17
22.90	0.11	12,404	184.66	0.16
23.00	0.11	12,384	184.66	0.16
23.10	0.11	12,363	184.66	0.16
23.20	0.10	12,341	184.66	0.16
23.30	0.10	12,320	184.65	0.16
23.40	0.10	12,298	184.65	0.16
23.50	0.10	12,276	184.65	0.16
23.60	0.10	12,253	184.65	0.16
23.70	0.10	12,231	184.64	0.16
23.80	0.10	12,208	184.64	0.16
23.90	0.10	12,185	184.64	0.16
24.00	0.11	12,164	184.64	0.16
24.10	0.03	12,135	184.63	0.16
24.20	0.00	12,081	184.63	0.16
24.30	0.00	12,023	184.62	0.16
24.40	0.00	11,965	184.61	0.16
24.50	0.00	11,907	184.60	0.16
24.60	0.00	11,850	184.60	0.16
24.70	0.00	11,793	184.59	0.16
24.80	0.00	11,736	184.58	0.16
24.90	0.00	11,679	184.58	0.16
25.00	0.00	11,622	184.57	0.16
25.10	0.00	11,566	184.56	0.16
25.20	0.00	11,509	184.56	0.16
25.30	0.00	11,453	184.55	0.16
25.40	0.00	11,397	184.54	0.15
25.50	0.00	11,342	184.54	0.15
25.60	0.00	11,287	184.53	0.15
25.70	0.00	11,231	184.52	0.15
25.80	0.00	11,176	184.52	0.15
25.90	0.00	11,122	184.51	0.15

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	11,067	184.50	0.15
26.10	0.00	11,013	184.50	0.15
26.20	0.00	10,959	184.49	0.15
26.30	0.00	10,905	184.48	0.15
26.40	0.00	10,851	184.48	0.15
26.50	0.00	10,798	184.47	0.15
26.60	0.00	10,744	184.46	0.15
26.70	0.00	10,691	184.46	0.15
26.80	0.00	10,639	184.45	0.15
26.90	0.00	10,586	184.44	0.15
27.00	0.00	10,534	184.44	0.15
27.10	0.00	10,481	184.43	0.14
27.20	0.00	10,429	184.42	0.14
27.30	0.00	10,378	184.42	0.14
27.40	0.00	10,326	184.41	0.14
27.50	0.00	10,275	184.41	0.14
27.60	0.00	10,224	184.40	0.14
27.70	0.00	10,173	184.39	0.14
27.80	0.00	10,122	184.39	0.14
27.90	0.00	10,072	184.38	0.14
28.00	0.00	10,021	184.37	0.14
28.10	0.00	9,971	184.37	0.14
28.20	0.00	9,922	184.36	0.14
28.30	0.00	9,872	184.36	0.14
28.40	0.00	9,823	184.35	0.14
28.50	0.00	9,774	184.34	0.14
28.60	0.00	9,725	184.34	0.14
28.70	0.00	9,676	184.33	0.13
28.80	0.00	9,628	184.32	0.13
28.90	0.00	9,579	184.32	0.13
29.00	0.00	9,531	184.31	0.13
29.10	0.00	9,483	184.31	0.13
29.20	0.00	9,436	184.30	0.13
29.30	0.00	9,388	184.29	0.13
29.40	0.00	9,341	184.29	0.13
29.50	0.00	9,294	184.28	0.13
29.60	0.00	9,248	184.28	0.13
29.70	0.00	9,201	184.27	0.13
29.80	0.00	9,155	184.27	0.13
29.90	0.00	9,109	184.26	0.13
30.00	0.00	9,063	184.25	0.13
30.10	0.00	9,017	184.25	0.13
30.20	0.00	8,972	184.24	0.13
30.30	0.00	8,927	184.24	0.13
30.40	0.00	8,882	184.23	0.12
30.50	0.00	8,837	184.22	0.12
30.60	0.00	8,792	184.22	0.12
30.70	0.00	8,748	184.21	0.12
30.80	0.00	8,704	184.21	0.12
30.90	0.00	8,660	184.20	0.12
31.00	0.00	8,617	184.20	0.12
31.10	0.00	8,573	184.19	0.12

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	8,530	184.19	0.12
31.30	0.00	8,487	184.18	0.12
31.40	0.00	8,444	184.17	0.12
31.50	0.00	8,402	184.17	0.12
31.60	0.00	8,360	184.16	0.12
31.70	0.00	8,317	184.16	0.12
31.80	0.00	8,276	184.15	0.12
31.90	0.00	8,234	184.15	0.12
32.00	0.00	8,193	184.14	0.11
32.10	0.00	8,151	184.14	0.11
32.20	0.00	8,110	184.13	0.11
32.30	0.00	8,070	184.13	0.11
32.40	0.00	8,029	184.12	0.11
32.50	0.00	7,989	184.12	0.11
32.60	0.00	7,949	184.11	0.11
32.70	0.00	7,909	184.11	0.11
32.80	0.00	7,870	184.10	0.11
32.90	0.00	7,830	184.10	0.11
33.00	0.00	7,791	184.09	0.11
33.10	0.00	7,752	184.09	0.11
33.20	0.00	7,713	184.08	0.11
33.30	0.00	7,675	184.08	0.11
33.40	0.00	7,637	184.07	0.11
33.50	0.00	7,599	184.07	0.11
33.60	0.00	7,561	184.06	0.10
33.70	0.00	7,523	184.06	0.10
33.80	0.00	7,486	184.05	0.10
33.90	0.00	7,449	184.05	0.10
34.00	0.00	7,412	184.04	0.10
34.10	0.00	7,375	184.04	0.10
34.20	0.00	7,339	184.03	0.10
34.30	0.00	7,303	184.03	0.10
34.40	0.00	7,267	184.02	0.10
34.50	0.00	7,231	184.02	0.10
34.60	0.00	7,196	184.01	0.10
34.70	0.00	7,160	184.01	0.10
34.80	0.00	7,125	184.00	0.10
34.90	0.00	7,091	184.00	0.10
35.00	0.00	7,056	183.99	0.10
35.10	0.00	7,022	183.99	0.10
35.20	0.00	6,987	183.99	0.09
35.30	0.00	6,954	183.98	0.09
35.40	0.00	6,920	183.98	0.09
35.50	0.00	6,886	183.97	0.09
35.60	0.00	6,853	183.97	0.09
35.70	0.00	6,820	183.96	0.09
35.80	0.00	6,788	183.96	0.09
35.90	0.00	6,755	183.96	0.09
36.00	0.00	6,723	183.95	0.09
36.10	0.00	6,691	183.95	0.09
36.20	0.00	6,659	183.94	0.09
36.30	0.00	6,627	183.94	0.09

Hydrograph for Pond B-49: Basin #49 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	6,596	183.93	0.09
36.50	0.00	6,565	183.93	0.09
36.60	0.00	6,534	183.93	0.09
36.70	0.00	6,503	183.92	0.08
36.80	0.00	6,473	183.92	0.08
36.90	0.00	6,443	183.91	0.08
37.00	0.00	6,413	183.91	0.08
37.10	0.00	6,383	183.91	0.08
37.20	0.00	6,353	183.90	0.08
37.30	0.00	6,324	183.90	0.08
37.40	0.00	6,295	183.89	0.08
37.50	0.00	6,266	183.89	0.08
37.60	0.00	6,238	183.89	0.08
37.70	0.00	6,209	183.88	0.08
37.80	0.00	6,181	183.88	0.08
37.90	0.00	6,153	183.88	0.08
38.00	0.00	6,126	183.87	0.08
38.10	0.00	6,098	183.87	0.08
38.20	0.00	6,071	183.86	0.08
38.30	0.00	6,044	183.86	0.07
38.40	0.00	6,017	183.86	0.07
38.50	0.00	5,991	183.85	0.07
38.60	0.00	5,965	183.85	0.07
38.70	0.00	5,939	183.85	0.07
38.80	0.00	5,913	183.84	0.07
38.90	0.00	5,888	183.84	0.07
39.00	0.00	5,862	183.84	0.07
39.10	0.00	5,837	183.83	0.07
39.20	0.00	5,812	183.83	0.07
39.30	0.00	5,788	183.83	0.07
39.40	0.00	5,763	183.82	0.07
39.50	0.00	5,739	183.82	0.07
39.60	0.00	5,715	183.82	0.07
39.70	0.00	5,692	183.81	0.07
39.80	0.00	5,668	183.81	0.06
39.90	0.00	5,645	183.81	0.06
40.00	0.00	5,622	183.80	0.06

Stage-Discharge for Pond B-49: Basin #49

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
183.00	0.00	183.52	0.00	184.04	0.10	184.56	0.16
183.01	0.00	183.53	0.00	184.05	0.10	184.57	0.16
183.02	0.00	183.54	0.00	184.06	0.10	184.58	0.16
183.03	0.00	183.55	0.00	184.07	0.11	184.59	0.16
183.04	0.00	183.56	0.00	184.08	0.11	184.60	0.16
183.05	0.00	183.57	0.00	184.09	0.11	184.61	0.16
183.06	0.00	183.58	0.00	184.10	0.11	184.62	0.16
183.07	0.00	183.59	0.00	184.11	0.11	184.63	0.16
183.08	0.00	183.60	0.00	184.12	0.11	184.64	0.16
183.09	0.00	183.61	0.01	184.13	0.11	184.65	0.16
183.10	0.00	183.62	0.01	184.14	0.11	184.66	0.16
183.11	0.00	183.63	0.01	184.15	0.12	184.67	0.17
183.12	0.00	183.64	0.01	184.16	0.12	184.68	0.17
183.13	0.00	183.65	0.02	184.17	0.12	184.69	0.17
183.14	0.00	183.66	0.02	184.18	0.12	184.70	0.17
183.15	0.00	183.67	0.02	184.19	0.12	184.71	0.17
183.16	0.00	183.68	0.03	184.20	0.12	184.72	0.17
183.17	0.00	183.69	0.03	184.21	0.12	184.73	0.17
183.18	0.00	183.70	0.03	184.22	0.12	184.74	0.17
183.19	0.00	183.71	0.04	184.23	0.12	184.75	0.18
183.20	0.00	183.72	0.04	184.24	0.13	184.76	0.21
183.21	0.00	183.73	0.05	184.25	0.13	184.77	0.24
183.22	0.00	183.74	0.05	184.26	0.13	184.78	0.28
183.23	0.00	183.75	0.05	184.27	0.13	184.79	0.32
183.24	0.00	183.76	0.05	184.28	0.13	184.80	0.37
183.25	0.00	183.77	0.06	184.29	0.13	184.81	0.42
183.26	0.00	183.78	0.06	184.30	0.13	184.82	0.47
183.27	0.00	183.79	0.06	184.31	0.13	184.83	0.53
183.28	0.00	183.80	0.06	184.32	0.13	184.84	0.59
183.29	0.00	183.81	0.06	184.33	0.13	184.85	0.65
183.30	0.00	183.82	0.07	184.34	0.14	184.86	0.72
183.31	0.00	183.83	0.07	184.35	0.14	184.87	0.79
183.32	0.00	183.84	0.07	184.36	0.14	184.88	0.86
183.33	0.00	183.85	0.07	184.37	0.14	184.89	0.94
183.34	0.00	183.86	0.07	184.38	0.14	184.90	1.01
183.35	0.00	183.87	0.08	184.39	0.14	184.91	1.09
183.36	0.00	183.88	0.08	184.40	0.14	184.92	1.17
183.37	0.00	183.89	0.08	184.41	0.14	184.93	1.26
183.38	0.00	183.90	0.08	184.42	0.14	184.94	1.34
183.39	0.00	183.91	0.08	184.43	0.14	184.95	1.43
183.40	0.00	183.92	0.08	184.44	0.15	184.96	1.52
183.41	0.00	183.93	0.09	184.45	0.15	184.97	1.61
183.42	0.00	183.94	0.09	184.46	0.15	184.98	1.71
183.43	0.00	183.95	0.09	184.47	0.15	184.99	1.80
183.44	0.00	183.96	0.09	184.48	0.15	185.00	1.90
183.45	0.00	183.97	0.09	184.49	0.15	185.01	2.00
183.46	0.00	183.98	0.09	184.50	0.15	185.02	2.10
183.47	0.00	183.99	0.10	184.51	0.15	185.03	2.21
183.48	0.00	184.00	0.10	184.52	0.15	185.04	2.31
183.49	0.00	184.01	0.10	184.53	0.15	185.05	2.42
183.50	0.00	184.02	0.10	184.54	0.15	185.06	2.52
183.51	0.00	184.03	0.10	184.55	0.16	185.07	2.63

Stage-Discharge for Pond B-49: Basin #49 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
185.08	2.75	185.60	8.30	186.12	9.33	186.64	10.26
185.09	2.86	185.61	8.33	186.13	9.35	186.65	10.28
185.10	2.97	185.62	8.35	186.14	9.37	186.66	10.29
185.11	3.09	185.63	8.37	186.15	9.39	186.67	10.31
185.12	3.20	185.64	8.39	186.16	9.41	186.68	10.33
185.13	3.32	185.65	8.41	186.17	9.43	186.69	10.34
185.14	3.44	185.66	8.43	186.18	9.44	186.70	10.36
185.15	3.56	185.67	8.45	186.19	9.46	186.71	10.38
185.16	3.69	185.68	8.47	186.20	9.48	186.72	10.40
185.17	3.81	185.69	8.49	186.21	9.50	186.73	10.41
185.18	3.94	185.70	8.51	186.22	9.52	186.74	10.43
185.19	4.06	185.71	8.53	186.23	9.54	186.75	10.45
185.20	4.19	185.72	8.55	186.24	9.56	186.76	10.46
185.21	4.32	185.73	8.57	186.25	9.57	186.77	10.48
185.22	4.45	185.74	8.59	186.26	9.59	186.78	10.50
185.23	4.58	185.75	8.61	186.27	9.61	186.79	10.51
185.24	4.72	185.76	8.63	186.28	9.63	186.80	10.53
185.25	4.85	185.77	8.65	186.29	9.65	186.81	10.55
185.26	4.99	185.78	8.67	186.30	9.66	186.82	10.56
185.27	5.12	185.79	8.69	186.31	9.68	186.83	10.58
185.28	5.26	185.80	8.71	186.32	9.70	186.84	10.59
185.29	5.40	185.81	8.73	186.33	9.72	186.85	10.61
185.30	5.54	185.82	8.75	186.34	9.74	186.86	10.63
185.31	5.68	185.83	8.77	186.35	9.75	186.87	10.64
185.32	5.82	185.84	8.79	186.36	9.77	186.88	10.66
185.33	5.97	185.85	8.81	186.37	9.79	186.89	10.68
185.34	6.11	185.86	8.83	186.38	9.81	186.90	10.69
185.35	6.26	185.87	8.85	186.39	9.83	186.91	10.71
185.36	6.40	185.88	8.87	186.40	9.84	186.92	10.73
185.37	6.55	185.89	8.89	186.41	9.86	186.93	10.74
185.38	6.70	185.90	8.91	186.42	9.88	186.94	10.76
185.39	6.85	185.91	8.93	186.43	9.90	186.95	10.77
185.40	7.00	185.92	8.95	186.44	9.91	186.96	10.79
185.41	7.15	185.93	8.97	186.45	9.93	186.97	10.81
185.42	7.30	185.94	8.99	186.46	9.95	186.98	10.82
185.43	7.46	185.95	9.01	186.47	9.97	186.99	10.84
185.44	7.61	185.96	9.03	186.48	9.98	187.00	10.86
185.45	7.77	185.97	9.05	186.49	10.00	187.01	10.87
185.46	7.92	185.98	9.07	186.50	10.02	187.02	10.89
185.47	8.03	185.99	9.09	186.51	10.04	187.03	10.90
185.48	8.05	186.00	9.11	186.52	10.05	187.04	10.92
185.49	8.07	186.01	9.13	186.53	10.07	187.05	10.94
185.50	8.09	186.02	9.14	186.54	10.09	187.06	10.95
185.51	8.11	186.03	9.16	186.55	10.11	187.07	10.97
185.52	8.13	186.04	9.18	186.56	10.12	187.08	10.98
185.53	8.16	186.05	9.20	186.57	10.14	187.09	11.00
185.54	8.18	186.06	9.22	186.58	10.16	187.10	11.01
185.55	8.20	186.07	9.24	186.59	10.17	187.11	11.03
185.56	8.22	186.08	9.26	186.60	10.19	187.12	11.05
185.57	8.24	186.09	9.28	186.61	10.21	187.13	11.06
185.58	8.26	186.10	9.30	186.62	10.23	187.14	11.08
185.59	8.28	186.11	9.31	186.63	10.24	187.15	11.09

Stage-Discharge for Pond B-49: Basin #49 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
187.16	11.11	187.68	11.90	188.20	42.16
187.17	11.13	187.69	11.91	188.21	43.16
187.18	11.14	187.70	11.93	188.22	44.18
187.19	11.16	187.71	11.94	188.23	45.20
187.20	11.17	187.72	11.96	188.24	46.23
187.21	11.19	187.73	11.97	188.25	47.28
187.22	11.20	187.74	11.99	188.26	48.33
187.23	11.22	187.75	12.00	188.27	49.39
187.24	11.23	187.76	12.11	188.28	50.47
187.25	11.25	187.77	12.31	188.29	51.55
187.26	11.27	187.78	12.55	188.30	52.64
187.27	11.28	187.79	12.84	188.31	53.75
187.28	11.30	187.80	13.17	188.32	54.86
187.29	11.31	187.81	13.53	188.33	55.98
187.30	11.33	187.82	13.92	188.34	57.11
187.31	11.34	187.83	14.34	188.35	58.25
187.32	11.36	187.84	14.78	188.36	59.40
187.33	11.37	187.85	15.25	188.37	60.56
187.34	11.39	187.86	15.74	188.38	61.73
187.35	11.40	187.87	16.25	188.39	62.91
187.36	11.42	187.88	16.78	188.40	64.10
187.37	11.43	187.89	17.34	188.41	65.29
187.38	11.45	187.90	17.91	188.42	66.50
187.39	11.47	187.91	18.50	188.43	67.71
187.40	11.48	187.92	19.11	188.44	68.93
187.41	11.50	187.93	19.74	188.45	70.16
187.42	11.51	187.94	20.39	188.46	71.40
187.43	11.53	187.95	21.05	188.47	72.65
187.44	11.54	187.96	21.73	188.48	73.91
187.45	11.56	187.97	22.42	188.49	75.17
187.46	11.57	187.98	23.14	188.50	76.45
187.47	11.59	187.99	23.86		
187.48	11.60	188.00	24.60		
187.49	11.62	188.01	25.36		
187.50	11.63	188.02	26.13		
187.51	11.65	188.03	26.91		
187.52	11.66	188.04	27.71		
187.53	11.68	188.05	28.52		
187.54	11.69	188.06	29.34		
187.55	11.71	188.07	30.18		
187.56	11.72	188.08	31.03		
187.57	11.74	188.09	31.89		
187.58	11.75	188.10	32.77		
187.59	11.77	188.11	33.65		
187.60	11.78	188.12	34.55		
187.61	11.80	188.13	35.46		
187.62	11.81	188.14	36.39		
187.63	11.83	188.15	37.32		
187.64	11.84	188.16	38.27		
187.65	11.85	188.17	39.22		
187.66	11.87	188.18	40.19		
187.67	11.88	188.19	41.17		

Stage-Area-Storage for Pond B-49: Basin #49

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
183.00	6,565	0	183.52	7,116	3,557
183.01	6,576	66	183.53	7,127	3,628
183.02	6,586	132	183.54	7,137	3,700
183.03	6,597	197	183.55	7,148	3,771
183.04	6,607	263	183.56	7,159	3,843
183.05	6,618	330	183.57	7,169	3,914
183.06	6,629	396	183.58	7,180	3,986
183.07	6,639	462	183.59	7,190	4,058
183.08	6,650	529	183.60	7,201	4,130
183.09	6,660	595	183.61	7,212	4,202
183.10	6,671	662	183.62	7,222	4,274
183.11	6,682	729	183.63	7,233	4,346
183.12	6,692	795	183.64	7,243	4,419
183.13	6,703	862	183.65	7,254	4,491
183.14	6,713	929	183.66	7,265	4,564
183.15	6,724	997	183.67	7,275	4,636
183.16	6,735	1,064	183.68	7,286	4,709
183.17	6,745	1,131	183.69	7,296	4,782
183.18	6,756	1,199	183.70	7,307	4,855
183.19	6,766	1,266	183.71	7,318	4,928
183.20	6,777	1,334	183.72	7,328	5,002
183.21	6,788	1,402	183.73	7,339	5,075
183.22	6,798	1,470	183.74	7,349	5,148
183.23	6,809	1,538	183.75	7,360	5,222
183.24	6,819	1,606	183.76	7,371	5,296
183.25	6,830	1,674	183.77	7,381	5,369
183.26	6,841	1,743	183.78	7,392	5,443
183.27	6,851	1,811	183.79	7,402	5,517
183.28	6,862	1,880	183.80	7,413	5,591
183.29	6,872	1,948	183.81	7,424	5,665
183.30	6,883	2,017	183.82	7,434	5,740
183.31	6,894	2,086	183.83	7,445	5,814
183.32	6,904	2,155	183.84	7,455	5,889
183.33	6,915	2,224	183.85	7,466	5,963
183.34	6,925	2,293	183.86	7,477	6,038
183.35	6,936	2,363	183.87	7,487	6,113
183.36	6,947	2,432	183.88	7,498	6,188
183.37	6,957	2,502	183.89	7,508	6,263
183.38	6,968	2,571	183.90	7,519	6,338
183.39	6,978	2,641	183.91	7,530	6,413
183.40	6,989	2,711	183.92	7,540	6,488
183.41	7,000	2,781	183.93	7,551	6,564
183.42	7,010	2,851	183.94	7,561	6,639
183.43	7,021	2,921	183.95	7,572	6,715
183.44	7,031	2,991	183.96	7,583	6,791
183.45	7,042	3,062	183.97	7,593	6,867
183.46	7,053	3,132	183.98	7,604	6,943
183.47	7,063	3,203	183.99	7,614	7,019
183.48	7,074	3,273	184.00	7,625	7,095
183.49	7,084	3,344	184.01	7,636	7,171
183.50	7,095	3,415	184.02	7,647	7,248
183.51	7,106	3,486	184.03	7,658	7,324

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.04	7,669	7,401	184.56	8,237	11,536
184.05	7,680	7,478	184.57	8,247	11,619
184.06	7,691	7,554	184.58	8,258	11,701
184.07	7,701	7,631	184.59	8,269	11,784
184.08	7,712	7,708	184.60	8,280	11,867
184.09	7,723	7,786	184.61	8,291	11,949
184.10	7,734	7,863	184.62	8,302	12,032
184.11	7,745	7,940	184.63	8,313	12,115
184.12	7,756	8,018	184.64	8,324	12,199
184.13	7,767	8,095	184.65	8,335	12,282
184.14	7,778	8,173	184.66	8,346	12,365
184.15	7,789	8,251	184.67	8,357	12,449
184.16	7,800	8,329	184.68	8,368	12,532
184.17	7,811	8,407	184.69	8,378	12,616
184.18	7,822	8,485	184.70	8,389	12,700
184.19	7,832	8,563	184.71	8,400	12,784
184.20	7,843	8,642	184.72	8,411	12,868
184.21	7,854	8,720	184.73	8,422	12,952
184.22	7,865	8,799	184.74	8,433	13,036
184.23	7,876	8,878	184.75	8,444	13,121
184.24	7,887	8,956	184.76	8,455	13,205
184.25	7,898	9,035	184.77	8,466	13,290
184.26	7,909	9,114	184.78	8,477	13,375
184.27	7,920	9,194	184.79	8,488	13,460
184.28	7,931	9,273	184.80	8,499	13,544
184.29	7,942	9,352	184.81	8,510	13,629
184.30	7,953	9,432	184.82	8,520	13,715
184.31	7,964	9,511	184.83	8,531	13,800
184.32	7,974	9,591	184.84	8,542	13,885
184.33	7,985	9,671	184.85	8,553	13,971
184.34	7,996	9,751	184.86	8,564	14,056
184.35	8,007	9,831	184.87	8,575	14,142
184.36	8,018	9,911	184.88	8,586	14,228
184.37	8,029	9,991	184.89	8,597	14,314
184.38	8,040	10,071	184.90	8,608	14,400
184.39	8,051	10,152	184.91	8,619	14,486
184.40	8,062	10,232	184.92	8,630	14,572
184.41	8,073	10,313	184.93	8,641	14,658
184.42	8,084	10,394	184.94	8,651	14,745
184.43	8,095	10,475	184.95	8,662	14,832
184.44	8,105	10,556	184.96	8,673	14,918
184.45	8,116	10,637	184.97	8,684	15,005
184.46	8,127	10,718	184.98	8,695	15,092
184.47	8,138	10,799	184.99	8,706	15,179
184.48	8,149	10,881	185.00	8,717	15,266
184.49	8,160	10,962	185.01	8,728	15,353
184.50	8,171	11,044	185.02	8,740	15,441
184.51	8,182	11,126	185.03	8,751	15,528
184.52	8,193	11,208	185.04	8,762	15,616
184.53	8,204	11,290	185.05	8,774	15,703
184.54	8,215	11,372	185.06	8,785	15,791
184.55	8,226	11,454	185.07	8,797	15,879

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.08	8,808	15,967	185.60	9,399	20,701
185.09	8,819	16,055	185.61	9,410	20,795
185.10	8,831	16,143	185.62	9,421	20,889
185.11	8,842	16,232	185.63	9,433	20,983
185.12	8,853	16,320	185.64	9,444	21,078
185.13	8,865	16,409	185.65	9,455	21,172
185.14	8,876	16,498	185.66	9,467	21,267
185.15	8,887	16,586	185.67	9,478	21,361
185.16	8,899	16,675	185.68	9,489	21,456
185.17	8,910	16,764	185.69	9,501	21,551
185.18	8,921	16,853	185.70	9,512	21,646
185.19	8,933	16,943	185.71	9,524	21,741
185.20	8,944	17,032	185.72	9,535	21,837
185.21	8,956	17,122	185.73	9,546	21,932
185.22	8,967	17,211	185.74	9,558	22,028
185.23	8,978	17,301	185.75	9,569	22,123
185.24	8,990	17,391	185.76	9,580	22,219
185.25	9,001	17,481	185.77	9,592	22,315
185.26	9,012	17,571	185.78	9,603	22,411
185.27	9,024	17,661	185.79	9,614	22,507
185.28	9,035	17,751	185.80	9,626	22,603
185.29	9,046	17,842	185.81	9,637	22,699
185.30	9,058	17,932	185.82	9,649	22,796
185.31	9,069	18,023	185.83	9,660	22,892
185.32	9,081	18,114	185.84	9,671	22,989
185.33	9,092	18,204	185.85	9,683	23,086
185.34	9,103	18,295	185.86	9,694	23,183
185.35	9,115	18,387	185.87	9,705	23,280
185.36	9,126	18,478	185.88	9,717	23,377
185.37	9,137	18,569	185.89	9,728	23,474
185.38	9,149	18,660	185.90	9,739	23,571
185.39	9,160	18,752	185.91	9,751	23,669
185.40	9,171	18,844	185.92	9,762	23,766
185.41	9,183	18,935	185.93	9,773	23,864
185.42	9,194	19,027	185.94	9,785	23,962
185.43	9,205	19,119	185.95	9,796	24,060
185.44	9,217	19,211	185.96	9,808	24,158
185.45	9,228	19,304	185.97	9,819	24,256
185.46	9,240	19,396	185.98	9,830	24,354
185.47	9,251	19,488	185.99	9,842	24,453
185.48	9,262	19,581	186.00	9,853	24,551
185.49	9,274	19,674	186.01	9,865	24,650
185.50	9,285	19,767	186.02	9,876	24,748
185.51	9,296	19,859	186.03	9,888	24,847
185.52	9,308	19,952	186.04	9,900	24,946
185.53	9,319	20,046	186.05	9,912	25,045
185.54	9,330	20,139	186.06	9,923	25,144
185.55	9,342	20,232	186.07	9,935	25,244
185.56	9,353	20,326	186.08	9,947	25,343
185.57	9,365	20,419	186.09	9,959	25,443
185.58	9,376	20,513	186.10	9,970	25,542
185.59	9,387	20,607	186.11	9,982	25,642

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.12	9,994	25,742	186.64	10,604	31,097
186.13	10,006	25,842	186.65	10,616	31,203
186.14	10,017	25,942	186.66	10,628	31,310
186.15	10,029	26,042	186.67	10,640	31,416
186.16	10,041	26,143	186.68	10,651	31,522
186.17	10,053	26,243	186.69	10,663	31,629
186.18	10,064	26,344	186.70	10,675	31,736
186.19	10,076	26,444	186.71	10,687	31,843
186.20	10,088	26,545	186.72	10,698	31,949
186.21	10,100	26,646	186.73	10,710	32,057
186.22	10,111	26,747	186.74	10,722	32,164
186.23	10,123	26,848	186.75	10,734	32,271
186.24	10,135	26,950	186.76	10,745	32,378
186.25	10,147	27,051	186.77	10,757	32,486
186.26	10,158	27,152	186.78	10,769	32,593
186.27	10,170	27,254	186.79	10,780	32,701
186.28	10,182	27,356	186.80	10,792	32,809
186.29	10,193	27,458	186.81	10,804	32,917
186.30	10,205	27,560	186.82	10,816	33,025
186.31	10,217	27,662	186.83	10,827	33,133
186.32	10,229	27,764	186.84	10,839	33,242
186.33	10,240	27,866	186.85	10,851	33,350
186.34	10,252	27,969	186.86	10,863	33,459
186.35	10,264	28,071	186.87	10,874	33,567
186.36	10,276	28,174	186.88	10,886	33,676
186.37	10,287	28,277	186.89	10,898	33,785
186.38	10,299	28,380	186.90	10,910	33,894
186.39	10,311	28,483	186.91	10,921	34,003
186.40	10,323	28,586	186.92	10,933	34,113
186.41	10,334	28,689	186.93	10,945	34,222
186.42	10,346	28,793	186.94	10,957	34,331
186.43	10,358	28,896	186.95	10,968	34,441
186.44	10,370	29,000	186.96	10,980	34,551
186.45	10,381	29,104	186.97	10,992	34,661
186.46	10,393	29,208	186.98	11,004	34,771
186.47	10,405	29,312	186.99	11,015	34,881
186.48	10,417	29,416	187.00	11,027	34,991
186.49	10,428	29,520	187.01	11,040	35,101
186.50	10,440	29,624	187.02	11,053	35,212
186.51	10,452	29,729	187.03	11,066	35,322
186.52	10,463	29,833	187.04	11,079	35,433
186.53	10,475	29,938	187.05	11,092	35,544
186.54	10,487	30,043	187.06	11,105	35,655
186.55	10,499	30,148	187.07	11,118	35,766
186.56	10,510	30,253	187.08	11,131	35,877
186.57	10,522	30,358	187.09	11,145	35,989
186.58	10,534	30,463	187.10	11,158	36,100
186.59	10,546	30,569	187.11	11,171	36,212
186.60	10,557	30,674	187.12	11,184	36,324
186.61	10,569	30,780	187.13	11,197	36,436
186.62	10,581	30,886	187.14	11,210	36,548
186.63	10,593	30,991	187.15	11,223	36,660

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.16	11,236	36,772	187.68	11,915	42,791
187.17	11,249	36,884	187.69	11,928	42,911
187.18	11,262	36,997	187.70	11,941	43,030
187.19	11,275	37,110	187.71	11,954	43,149
187.20	11,288	37,223	187.72	11,967	43,269
187.21	11,301	37,335	187.73	11,980	43,389
187.22	11,314	37,449	187.74	11,993	43,509
187.23	11,327	37,562	187.75	12,007	43,629
187.24	11,340	37,675	187.76	12,020	43,749
187.25	11,354	37,789	187.77	12,033	43,869
187.26	11,367	37,902	187.78	12,046	43,989
187.27	11,380	38,016	187.79	12,059	44,110
187.28	11,393	38,130	187.80	12,072	44,231
187.29	11,406	38,244	187.81	12,085	44,351
187.30	11,419	38,358	187.82	12,098	44,472
187.31	11,432	38,472	187.83	12,111	44,593
187.32	11,445	38,587	187.84	12,124	44,714
187.33	11,458	38,701	187.85	12,137	44,836
187.34	11,471	38,816	187.86	12,150	44,957
187.35	11,484	38,930	187.87	12,163	45,079
187.36	11,497	39,045	187.88	12,176	45,200
187.37	11,510	39,160	187.89	12,189	45,322
187.38	11,523	39,276	187.90	12,202	45,444
187.39	11,536	39,391	187.91	12,215	45,566
187.40	11,549	39,506	187.92	12,229	45,689
187.41	11,562	39,622	187.93	12,242	45,811
187.42	11,576	39,738	187.94	12,255	45,933
187.43	11,589	39,853	187.95	12,268	46,056
187.44	11,602	39,969	187.96	12,281	46,179
187.45	11,615	40,085	187.97	12,294	46,302
187.46	11,628	40,202	187.98	12,307	46,425
187.47	11,641	40,318	187.99	12,320	46,548
187.48	11,654	40,434	188.00	12,333	46,671
187.49	11,667	40,551	188.01	12,345	46,794
187.50	11,680	40,668	188.02	12,358	46,918
187.51	11,693	40,785	188.03	12,370	47,042
187.52	11,706	40,902	188.04	12,383	47,165
187.53	11,719	41,019	188.05	12,395	47,289
187.54	11,732	41,136	188.06	12,408	47,413
187.55	11,745	41,253	188.07	12,420	47,537
187.56	11,758	41,371	188.08	12,433	47,662
187.57	11,771	41,489	188.09	12,445	47,786
187.58	11,784	41,606	188.10	12,458	47,911
187.59	11,798	41,724	188.11	12,470	48,035
187.60	11,811	41,842	188.12	12,483	48,160
187.61	11,824	41,960	188.13	12,495	48,285
187.62	11,837	42,079	188.14	12,507	48,410
187.63	11,850	42,197	188.15	12,520	48,535
187.64	11,863	42,316	188.16	12,532	48,660
187.65	11,876	42,434	188.17	12,545	48,786
187.66	11,889	42,553	188.18	12,557	48,911
187.67	11,902	42,672	188.19	12,570	49,037

Stage-Area-Storage for Pond B-49: Basin #49 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.20	12,582	49,163
188.21	12,595	49,288
188.22	12,607	49,414
188.23	12,620	49,541
188.24	12,632	49,667
188.25	12,645	49,793
188.26	12,657	49,920
188.27	12,669	50,046
188.28	12,682	50,173
188.29	12,694	50,300
188.30	12,707	50,427
188.31	12,719	50,554
188.32	12,732	50,681
188.33	12,744	50,809
188.34	12,757	50,936
188.35	12,769	51,064
188.36	12,782	51,192
188.37	12,794	51,319
188.38	12,806	51,448
188.39	12,819	51,576
188.40	12,831	51,704
188.41	12,844	51,832
188.42	12,856	51,961
188.43	12,869	52,089
188.44	12,881	52,218
188.45	12,894	52,347
188.46	12,906	52,476
188.47	12,919	52,605
188.48	12,931	52,734
188.49	12,944	52,864
188.50	12,956	52,993

Summary for Pond B-50: Basin #50

Inflow Area = 2.262 ac, 29.27% Impervious, Inflow Depth = 3.13" for Current 10 yr event
 Inflow = 8.37 cfs @ 12.10 hrs, Volume= 0.589 af
 Outflow = 0.20 cfs @ 17.08 hrs, Volume= 0.393 af, Atten= 98%, Lag= 298.4 min
 Primary = 0.20 cfs @ 17.08 hrs, Volume= 0.393 af
 Routed to Link PDA-5 : Proposed Drainage Area #5

Routing by Stor-Ind method, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 Peak Elev= 185.86' @ 17.08 hrs Surf.Area= 11,267 sf Storage= 18,696 cf

Plug-Flow detention time= 800.0 min calculated for 0.393 af (67% of inflow)
 Center-of-Mass det. time= 693.2 min (1,490.6 - 797.4)

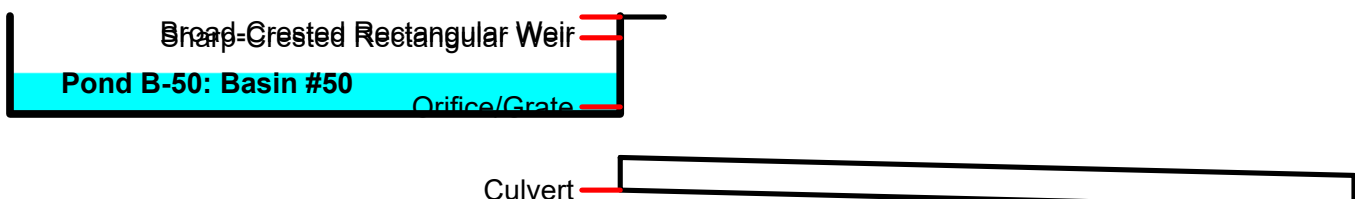
Volume	Invert	Avail.Storage	Storage Description
#1	184.00'	53,209 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

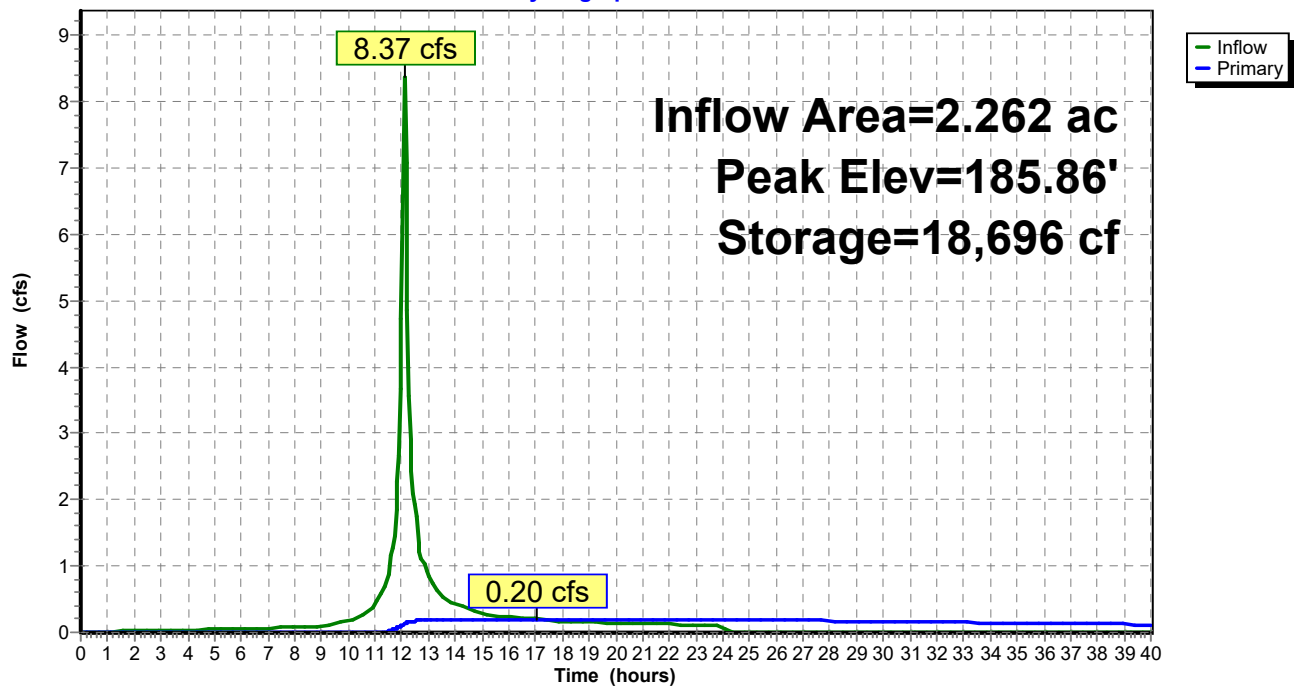
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
184.00	8,805	0	0
185.00	10,108	9,457	9,457
186.00	11,448	10,778	20,235
187.00	12,826	12,137	32,372
188.00	14,244	13,535	45,907
188.50	14,966	7,303	53,209

Device	Routing	Invert	Outlet Devices
#1	Primary	180.50'	18.0" Round Culvert L= 83.0' Ke= 0.500 Inlet / Outlet Invert= 180.50' / 179.67' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.77 sf
#2	Device 1	184.32'	2.5" Vert. Orifice/Grate C= 0.600 Limited to weir flow at low heads
#3	Device 1	187.50'	4.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)
#4	Primary	188.45'	30.0' long + 3.0 ' SideZ x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88

Primary OutFlow Max=0.20 cfs @ 17.08 hrs HW=185.86' (Free Discharge)

1=Culvert (Passes 0.20 cfs of 17.69 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.20 cfs @ 5.78 fps)
 3=Sharp-Crested Rectangular Weir(Controls 0.00 cfs)
 4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)



Pond B-50: Basin #50**Hydrograph**

Hydrograph for Pond B-50: Basin #50

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
0.00	0.00	0	184.00	0.00
0.10	0.00	0	184.00	0.00
0.20	0.00	0	184.00	0.00
0.30	0.00	0	184.00	0.00
0.40	0.00	0	184.00	0.00
0.50	0.00	0	184.00	0.00
0.60	0.00	0	184.00	0.00
0.70	0.00	0	184.00	0.00
0.80	0.00	0	184.00	0.00
0.90	0.00	1	184.00	0.00
1.00	0.00	2	184.00	0.00
1.10	0.01	4	184.00	0.00
1.20	0.01	6	184.00	0.00
1.30	0.01	9	184.00	0.00
1.40	0.01	12	184.00	0.00
1.50	0.01	17	184.00	0.00
1.60	0.01	21	184.00	0.00
1.70	0.01	26	184.00	0.00
1.80	0.02	32	184.00	0.00
1.90	0.02	38	184.00	0.00
2.00	0.02	44	184.01	0.00
2.10	0.02	51	184.01	0.00
2.20	0.02	58	184.01	0.00
2.30	0.02	66	184.01	0.00
2.40	0.02	74	184.01	0.00
2.50	0.02	83	184.01	0.00
2.60	0.02	91	184.01	0.00
2.70	0.03	100	184.01	0.00
2.80	0.03	110	184.01	0.00
2.90	0.03	120	184.01	0.00
3.00	0.03	130	184.01	0.00
3.10	0.03	140	184.02	0.00
3.20	0.03	151	184.02	0.00
3.30	0.03	162	184.02	0.00
3.40	0.03	173	184.02	0.00
3.50	0.03	184	184.02	0.00
3.60	0.03	196	184.02	0.00
3.70	0.03	208	184.02	0.00
3.80	0.03	220	184.02	0.00
3.90	0.04	233	184.03	0.00
4.00	0.04	246	184.03	0.00
4.10	0.04	259	184.03	0.00
4.20	0.04	272	184.03	0.00
4.30	0.04	285	184.03	0.00
4.40	0.04	299	184.03	0.00
4.50	0.04	313	184.04	0.00
4.60	0.04	327	184.04	0.00
4.70	0.04	342	184.04	0.00
4.80	0.04	356	184.04	0.00
4.90	0.04	371	184.04	0.00
5.00	0.04	386	184.04	0.00
5.10	0.04	401	184.05	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
5.20	0.04	417	184.05	0.00
5.30	0.04	432	184.05	0.00
5.40	0.04	448	184.05	0.00
5.50	0.04	464	184.05	0.00
5.60	0.05	480	184.05	0.00
5.70	0.05	497	184.06	0.00
5.80	0.05	513	184.06	0.00
5.90	0.05	530	184.06	0.00
6.00	0.05	547	184.06	0.00
6.10	0.05	564	184.06	0.00
6.20	0.05	582	184.07	0.00
6.30	0.05	600	184.07	0.00
6.40	0.05	619	184.07	0.00
6.50	0.05	639	184.07	0.00
6.60	0.06	658	184.07	0.00
6.70	0.06	679	184.08	0.00
6.80	0.06	700	184.08	0.00
6.90	0.06	721	184.08	0.00
7.00	0.06	743	184.08	0.00
7.10	0.06	765	184.09	0.00
7.20	0.06	788	184.09	0.00
7.30	0.07	811	184.09	0.00
7.40	0.07	835	184.09	0.00
7.50	0.07	860	184.10	0.00
7.60	0.07	885	184.10	0.00
7.70	0.07	910	184.10	0.00
7.80	0.07	936	184.11	0.00
7.90	0.07	963	184.11	0.00
8.00	0.08	990	184.11	0.00
8.10	0.08	1,017	184.11	0.00
8.20	0.08	1,045	184.12	0.00
8.30	0.08	1,074	184.12	0.00
8.40	0.08	1,103	184.12	0.00
8.50	0.08	1,132	184.13	0.00
8.60	0.08	1,163	184.13	0.00
8.70	0.09	1,193	184.13	0.00
8.80	0.09	1,224	184.14	0.00
8.90	0.09	1,256	184.14	0.00
9.00	0.09	1,289	184.14	0.00
9.10	0.10	1,324	184.15	0.00
9.20	0.11	1,362	184.15	0.00
9.30	0.12	1,402	184.16	0.00
9.40	0.12	1,445	184.16	0.00
9.50	0.13	1,491	184.17	0.00
9.60	0.14	1,539	184.17	0.00
9.70	0.15	1,591	184.18	0.00
9.80	0.16	1,647	184.18	0.00
9.90	0.17	1,705	184.19	0.00
10.00	0.18	1,767	184.20	0.00
10.10	0.19	1,833	184.21	0.00
10.20	0.20	1,902	184.21	0.00
10.30	0.21	1,976	184.22	0.00

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
10.40	0.22	2,053	184.23	0.00
10.50	0.23	2,134	184.24	0.00
10.60	0.26	2,223	184.25	0.00
10.70	0.29	2,323	184.26	0.00
10.80	0.33	2,436	184.27	0.00
10.90	0.37	2,561	184.28	0.00
11.00	0.40	2,700	184.30	0.00
11.10	0.47	2,857	184.32	0.00
11.20	0.54	3,039	184.34	0.00
11.30	0.61	3,245	184.36	0.00
11.40	0.69	3,479	184.38	0.01
11.50	0.77	3,738	184.41	0.02
11.60	1.16	4,078	184.45	0.03
11.70	1.34	4,518	184.49	0.04
11.80	1.84	5,071	184.55	0.06
11.90	2.67	5,859	184.64	0.08
12.00	4.72	7,155	184.77	0.10
12.10	8.36	9,477	185.00	0.12
12.20	4.86	11,892	185.24	0.15
12.30	2.91	13,180	185.36	0.16
12.40	2.09	14,010	185.44	0.17
12.50	1.85	14,652	185.50	0.17
12.60	1.35	15,168	185.55	0.17
12.70	1.15	15,547	185.58	0.18
12.80	1.05	15,878	185.61	0.18
12.90	0.95	16,174	185.64	0.18
13.00	0.86	16,434	185.66	0.18
13.10	0.76	16,660	185.68	0.18
13.20	0.70	16,855	185.70	0.19
13.30	0.65	17,031	185.72	0.19
13.40	0.59	17,187	185.73	0.19
13.50	0.54	17,323	185.74	0.19
13.60	0.49	17,441	185.75	0.19
13.70	0.47	17,544	185.76	0.19
13.80	0.45	17,641	185.77	0.19
13.90	0.44	17,732	185.78	0.19
14.00	0.42	17,819	185.79	0.19
14.10	0.41	17,900	185.79	0.19
14.20	0.40	17,977	185.80	0.19
14.30	0.38	18,048	185.81	0.19
14.40	0.37	18,114	185.81	0.19
14.50	0.36	18,175	185.82	0.19
14.60	0.34	18,231	185.82	0.19
14.70	0.33	18,282	185.83	0.19
14.80	0.31	18,327	185.83	0.19
14.90	0.30	18,368	185.84	0.19
15.00	0.29	18,403	185.84	0.20
15.10	0.27	18,433	185.84	0.20
15.20	0.27	18,460	185.84	0.20
15.30	0.26	18,484	185.85	0.20
15.40	0.26	18,508	185.85	0.20
15.50	0.25	18,530	185.85	0.20

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
15.60	0.25	18,550	185.85	0.20
15.70	0.25	18,570	185.85	0.20
15.80	0.24	18,587	185.85	0.20
15.90	0.24	18,604	185.86	0.20
16.00	0.24	18,619	185.86	0.20
16.10	0.23	18,633	185.86	0.20
16.20	0.23	18,645	185.86	0.20
16.30	0.23	18,656	185.86	0.20
16.40	0.22	18,666	185.86	0.20
16.50	0.22	18,675	185.86	0.20
16.60	0.21	18,682	185.86	0.20
16.70	0.21	18,687	185.86	0.20
16.80	0.21	18,692	185.86	0.20
16.90	0.20	18,695	185.86	0.20
17.00	0.20	18,696	185.86	0.20
17.10	0.20	18,697	185.86	0.20
17.20	0.19	18,696	185.86	0.20
17.30	0.19	18,693	185.86	0.20
17.40	0.18	18,689	185.86	0.20
17.50	0.18	18,684	185.86	0.20
17.60	0.18	18,678	185.86	0.20
17.70	0.17	18,670	185.86	0.20
17.80	0.17	18,661	185.86	0.20
17.90	0.17	18,650	185.86	0.20
18.00	0.16	18,639	185.86	0.20
18.10	0.16	18,625	185.86	0.20
18.20	0.16	18,611	185.86	0.20
18.30	0.16	18,597	185.86	0.20
18.40	0.15	18,582	185.85	0.20
18.50	0.15	18,567	185.85	0.20
18.60	0.15	18,551	185.85	0.20
18.70	0.15	18,535	185.85	0.20
18.80	0.15	18,519	185.85	0.20
18.90	0.15	18,503	185.85	0.20
19.00	0.15	18,486	185.85	0.20
19.10	0.15	18,469	185.84	0.20
19.20	0.15	18,452	185.84	0.20
19.30	0.15	18,434	185.84	0.20
19.40	0.15	18,417	185.84	0.20
19.50	0.14	18,398	185.84	0.20
19.60	0.14	18,380	185.84	0.20
19.70	0.14	18,361	185.83	0.19
19.80	0.14	18,342	185.83	0.19
19.90	0.14	18,323	185.83	0.19
20.00	0.14	18,304	185.83	0.19
20.10	0.14	18,284	185.83	0.19
20.20	0.14	18,264	185.83	0.19
20.30	0.14	18,243	185.82	0.19
20.40	0.14	18,222	185.82	0.19
20.50	0.14	18,201	185.82	0.19
20.60	0.13	18,180	185.82	0.19
20.70	0.13	18,159	185.82	0.19

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
20.80	0.13	18,137	185.81	0.19
20.90	0.13	18,115	185.81	0.19
21.00	0.13	18,092	185.81	0.19
21.10	0.13	18,069	185.81	0.19
21.20	0.13	18,046	185.81	0.19
21.30	0.13	18,023	185.80	0.19
21.40	0.13	17,999	185.80	0.19
21.50	0.13	17,975	185.80	0.19
21.60	0.12	17,951	185.80	0.19
21.70	0.12	17,927	185.80	0.19
21.80	0.12	17,902	185.79	0.19
21.90	0.12	17,877	185.79	0.19
22.00	0.12	17,852	185.79	0.19
22.10	0.12	17,826	185.79	0.19
22.20	0.12	17,800	185.78	0.19
22.30	0.12	17,774	185.78	0.19
22.40	0.12	17,748	185.78	0.19
22.50	0.12	17,721	185.78	0.19
22.60	0.12	17,694	185.78	0.19
22.70	0.11	17,667	185.77	0.19
22.80	0.11	17,639	185.77	0.19
22.90	0.11	17,611	185.77	0.19
23.00	0.11	17,583	185.77	0.19
23.10	0.11	17,555	185.76	0.19
23.20	0.11	17,526	185.76	0.19
23.30	0.11	17,497	185.76	0.19
23.40	0.11	17,467	185.75	0.19
23.50	0.11	17,438	185.75	0.19
23.60	0.11	17,408	185.75	0.19
23.70	0.11	17,378	185.75	0.19
23.80	0.10	17,348	185.74	0.19
23.90	0.10	17,317	185.74	0.19
24.00	0.12	17,289	185.74	0.19
24.10	0.03	17,250	185.74	0.19
24.20	0.00	17,187	185.73	0.19
24.30	0.00	17,120	185.72	0.19
24.40	0.00	17,053	185.72	0.19
24.50	0.00	16,986	185.71	0.19
24.60	0.00	16,919	185.71	0.19
24.70	0.00	16,852	185.70	0.19
24.80	0.00	16,786	185.69	0.18
24.90	0.00	16,719	185.69	0.18
25.00	0.00	16,653	185.68	0.18
25.10	0.00	16,587	185.68	0.18
25.20	0.00	16,521	185.67	0.18
25.30	0.00	16,455	185.66	0.18
25.40	0.00	16,389	185.66	0.18
25.50	0.00	16,324	185.65	0.18
25.60	0.00	16,258	185.65	0.18
25.70	0.00	16,193	185.64	0.18
25.80	0.00	16,128	185.63	0.18
25.90	0.00	16,063	185.63	0.18

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
26.00	0.00	15,998	185.62	0.18
26.10	0.00	15,934	185.62	0.18
26.20	0.00	15,869	185.61	0.18
26.30	0.00	15,805	185.60	0.18
26.40	0.00	15,741	185.60	0.18
26.50	0.00	15,677	185.59	0.18
26.60	0.00	15,613	185.59	0.18
26.70	0.00	15,550	185.58	0.18
26.80	0.00	15,486	185.57	0.18
26.90	0.00	15,423	185.57	0.18
27.00	0.00	15,360	185.56	0.18
27.10	0.00	15,297	185.56	0.17
27.20	0.00	15,234	185.55	0.17
27.30	0.00	15,171	185.55	0.17
27.40	0.00	15,109	185.54	0.17
27.50	0.00	15,047	185.53	0.17
27.60	0.00	14,984	185.53	0.17
27.70	0.00	14,922	185.52	0.17
27.80	0.00	14,861	185.52	0.17
27.90	0.00	14,799	185.51	0.17
28.00	0.00	14,737	185.51	0.17
28.10	0.00	14,676	185.50	0.17
28.20	0.00	14,615	185.49	0.17
28.30	0.00	14,554	185.49	0.17
28.40	0.00	14,493	185.48	0.17
28.50	0.00	14,432	185.48	0.17
28.60	0.00	14,372	185.47	0.17
28.70	0.00	14,311	185.47	0.17
28.80	0.00	14,251	185.46	0.17
28.90	0.00	14,191	185.45	0.17
29.00	0.00	14,131	185.45	0.17
29.10	0.00	14,071	185.44	0.17
29.20	0.00	14,012	185.44	0.17
29.30	0.00	13,952	185.43	0.16
29.40	0.00	13,893	185.43	0.16
29.50	0.00	13,834	185.42	0.16
29.60	0.00	13,775	185.42	0.16
29.70	0.00	13,716	185.41	0.16
29.80	0.00	13,658	185.40	0.16
29.90	0.00	13,599	185.40	0.16
30.00	0.00	13,541	185.39	0.16
30.10	0.00	13,483	185.39	0.16
30.20	0.00	13,425	185.38	0.16
30.30	0.00	13,367	185.38	0.16
30.40	0.00	13,310	185.37	0.16
30.50	0.00	13,252	185.37	0.16
30.60	0.00	13,195	185.36	0.16
30.70	0.00	13,138	185.36	0.16
30.80	0.00	13,081	185.35	0.16
30.90	0.00	13,024	185.35	0.16
31.00	0.00	12,967	185.34	0.16
31.10	0.00	12,911	185.33	0.16

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
31.20	0.00	12,855	185.33	0.16
31.30	0.00	12,799	185.32	0.16
31.40	0.00	12,743	185.32	0.16
31.50	0.00	12,687	185.31	0.15
31.60	0.00	12,631	185.31	0.15
31.70	0.00	12,576	185.30	0.15
31.80	0.00	12,520	185.30	0.15
31.90	0.00	12,465	185.29	0.15
32.00	0.00	12,410	185.29	0.15
32.10	0.00	12,356	185.28	0.15
32.20	0.00	12,301	185.28	0.15
32.30	0.00	12,246	185.27	0.15
32.40	0.00	12,192	185.27	0.15
32.50	0.00	12,138	185.26	0.15
32.60	0.00	12,084	185.26	0.15
32.70	0.00	12,030	185.25	0.15
32.80	0.00	11,977	185.25	0.15
32.90	0.00	11,923	185.24	0.15
33.00	0.00	11,870	185.24	0.15
33.10	0.00	11,817	185.23	0.15
33.20	0.00	11,764	185.22	0.15
33.30	0.00	11,711	185.22	0.15
33.40	0.00	11,658	185.21	0.15
33.50	0.00	11,606	185.21	0.15
33.60	0.00	11,554	185.20	0.14
33.70	0.00	11,502	185.20	0.14
33.80	0.00	11,450	185.19	0.14
33.90	0.00	11,398	185.19	0.14
34.00	0.00	11,346	185.18	0.14
34.10	0.00	11,295	185.18	0.14
34.20	0.00	11,244	185.17	0.14
34.30	0.00	11,192	185.17	0.14
34.40	0.00	11,142	185.16	0.14
34.50	0.00	11,091	185.16	0.14
34.60	0.00	11,040	185.16	0.14
34.70	0.00	10,990	185.15	0.14
34.80	0.00	10,939	185.15	0.14
34.90	0.00	10,889	185.14	0.14
35.00	0.00	10,839	185.14	0.14
35.10	0.00	10,790	185.13	0.14
35.20	0.00	10,740	185.13	0.14
35.30	0.00	10,691	185.12	0.14
35.40	0.00	10,641	185.12	0.14
35.50	0.00	10,592	185.11	0.14
35.60	0.00	10,544	185.11	0.14
35.70	0.00	10,495	185.10	0.14
35.80	0.00	10,446	185.10	0.13
35.90	0.00	10,398	185.09	0.13
36.00	0.00	10,350	185.09	0.13
36.10	0.00	10,302	185.08	0.13
36.20	0.00	10,254	185.08	0.13
36.30	0.00	10,206	185.07	0.13

Hydrograph for Pond B-50: Basin #50 (continued)

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Primary (cfs)
36.40	0.00	10,158	185.07	0.13
36.50	0.00	10,111	185.06	0.13
36.60	0.00	10,064	185.06	0.13
36.70	0.00	10,017	185.06	0.13
36.80	0.00	9,970	185.05	0.13
36.90	0.00	9,923	185.05	0.13
37.00	0.00	9,877	185.04	0.13
37.10	0.00	9,831	185.04	0.13
37.20	0.00	9,784	185.03	0.13
37.30	0.00	9,738	185.03	0.13
37.40	0.00	9,693	185.02	0.13
37.50	0.00	9,647	185.02	0.13
37.60	0.00	9,601	185.01	0.13
37.70	0.00	9,556	185.01	0.13
37.80	0.00	9,511	185.01	0.13
37.90	0.00	9,466	185.00	0.12
38.00	0.00	9,421	185.00	0.12
38.10	0.00	9,377	184.99	0.12
38.20	0.00	9,332	184.99	0.12
38.30	0.00	9,288	184.98	0.12
38.40	0.00	9,244	184.98	0.12
38.50	0.00	9,200	184.97	0.12
38.60	0.00	9,156	184.97	0.12
38.70	0.00	9,113	184.97	0.12
38.80	0.00	9,069	184.96	0.12
38.90	0.00	9,026	184.96	0.12
39.00	0.00	8,983	184.95	0.12
39.10	0.00	8,940	184.95	0.12
39.20	0.00	8,897	184.94	0.12
39.30	0.00	8,855	184.94	0.12
39.40	0.00	8,812	184.94	0.12
39.50	0.00	8,770	184.93	0.12
39.60	0.00	8,728	184.93	0.12
39.70	0.00	8,686	184.92	0.12
39.80	0.00	8,645	184.92	0.12
39.90	0.00	8,603	184.92	0.11
40.00	0.00	8,562	184.91	0.11

Stage-Discharge for Pond B-50: Basin #50

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
184.00	0.00	184.52	0.05	185.04	0.13	185.56	0.17
184.01	0.00	184.53	0.05	185.05	0.13	185.57	0.18
184.02	0.00	184.54	0.06	185.06	0.13	185.58	0.18
184.03	0.00	184.55	0.06	185.07	0.13	185.59	0.18
184.04	0.00	184.56	0.06	185.08	0.13	185.60	0.18
184.05	0.00	184.57	0.06	185.09	0.13	185.61	0.18
184.06	0.00	184.58	0.06	185.10	0.13	185.62	0.18
184.07	0.00	184.59	0.07	185.11	0.14	185.63	0.18
184.08	0.00	184.60	0.07	185.12	0.14	185.64	0.18
184.09	0.00	184.61	0.07	185.13	0.14	185.65	0.18
184.10	0.00	184.62	0.07	185.14	0.14	185.66	0.18
184.11	0.00	184.63	0.07	185.15	0.14	185.67	0.18
184.12	0.00	184.64	0.08	185.16	0.14	185.68	0.18
184.13	0.00	184.65	0.08	185.17	0.14	185.69	0.18
184.14	0.00	184.66	0.08	185.18	0.14	185.70	0.19
184.15	0.00	184.67	0.08	185.19	0.14	185.71	0.19
184.16	0.00	184.68	0.08	185.20	0.14	185.72	0.19
184.17	0.00	184.69	0.08	185.21	0.15	185.73	0.19
184.18	0.00	184.70	0.09	185.22	0.15	185.74	0.19
184.19	0.00	184.71	0.09	185.23	0.15	185.75	0.19
184.20	0.00	184.72	0.09	185.24	0.15	185.76	0.19
184.21	0.00	184.73	0.09	185.25	0.15	185.77	0.19
184.22	0.00	184.74	0.09	185.26	0.15	185.78	0.19
184.23	0.00	184.75	0.09	185.27	0.15	185.79	0.19
184.24	0.00	184.76	0.10	185.28	0.15	185.80	0.19
184.25	0.00	184.77	0.10	185.29	0.15	185.81	0.19
184.26	0.00	184.78	0.10	185.30	0.15	185.82	0.19
184.27	0.00	184.79	0.10	185.31	0.15	185.83	0.19
184.28	0.00	184.80	0.10	185.32	0.16	185.84	0.20
184.29	0.00	184.81	0.10	185.33	0.16	185.85	0.20
184.30	0.00	184.82	0.10	185.34	0.16	185.86	0.20
184.31	0.00	184.83	0.10	185.35	0.16	185.87	0.20
184.32	0.00	184.84	0.11	185.36	0.16	185.88	0.20
184.33	0.00	184.85	0.11	185.37	0.16	185.89	0.20
184.34	0.00	184.86	0.11	185.38	0.16	185.90	0.20
184.35	0.00	184.87	0.11	185.39	0.16	185.91	0.20
184.36	0.00	184.88	0.11	185.40	0.16	185.92	0.20
184.37	0.00	184.89	0.11	185.41	0.16	185.93	0.20
184.38	0.01	184.90	0.11	185.42	0.16	185.94	0.20
184.39	0.01	184.91	0.11	185.43	0.16	185.95	0.20
184.40	0.01	184.92	0.12	185.44	0.17	185.96	0.20
184.41	0.01	184.93	0.12	185.45	0.17	185.97	0.20
184.42	0.02	184.94	0.12	185.46	0.17	185.98	0.20
184.43	0.02	184.95	0.12	185.47	0.17	185.99	0.21
184.44	0.02	184.96	0.12	185.48	0.17	186.00	0.21
184.45	0.03	184.97	0.12	185.49	0.17	186.01	0.21
184.46	0.03	184.98	0.12	185.50	0.17	186.02	0.21
184.47	0.03	184.99	0.12	185.51	0.17	186.03	0.21
184.48	0.04	185.00	0.12	185.52	0.17	186.04	0.21
184.49	0.04	185.01	0.13	185.53	0.17	186.05	0.21
184.50	0.05	185.02	0.13	185.54	0.17	186.06	0.21
184.51	0.05	185.03	0.13	185.55	0.17	186.07	0.21

Stage-Discharge for Pond B-50: Basin #50 (continued)

Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)	Elevation (feet)	Primary (cfs)
186.08	0.21	186.60	0.24	187.12	0.27	187.64	0.97
186.09	0.21	186.61	0.24	187.13	0.27	187.65	1.05
186.10	0.21	186.62	0.24	187.14	0.27	187.66	1.13
186.11	0.21	186.63	0.24	187.15	0.27	187.67	1.20
186.12	0.21	186.64	0.24	187.16	0.27	187.68	1.29
186.13	0.21	186.65	0.24	187.17	0.27	187.69	1.37
186.14	0.22	186.66	0.25	187.18	0.27	187.70	1.46
186.15	0.22	186.67	0.25	187.19	0.27	187.71	1.54
186.16	0.22	186.68	0.25	187.20	0.27	187.72	1.63
186.17	0.22	186.69	0.25	187.21	0.27	187.73	1.72
186.18	0.22	186.70	0.25	187.22	0.27	187.74	1.82
186.19	0.22	186.71	0.25	187.23	0.27	187.75	1.91
186.20	0.22	186.72	0.25	187.24	0.28	187.76	2.01
186.21	0.22	186.73	0.25	187.25	0.28	187.77	2.11
186.22	0.22	186.74	0.25	187.26	0.28	187.78	2.21
186.23	0.22	186.75	0.25	187.27	0.28	187.79	2.31
186.24	0.22	186.76	0.25	187.28	0.28	187.80	2.42
186.25	0.22	186.77	0.25	187.29	0.28	187.81	2.52
186.26	0.22	186.78	0.25	187.30	0.28	187.82	2.63
186.27	0.22	186.79	0.25	187.31	0.28	187.83	2.74
186.28	0.22	186.80	0.25	187.32	0.28	187.84	2.85
186.29	0.22	186.81	0.25	187.33	0.28	187.85	2.96
186.30	0.22	186.82	0.25	187.34	0.28	187.86	3.08
186.31	0.23	186.83	0.25	187.35	0.28	187.87	3.19
186.32	0.23	186.84	0.26	187.36	0.28	187.88	3.31
186.33	0.23	186.85	0.26	187.37	0.28	187.89	3.43
186.34	0.23	186.86	0.26	187.38	0.28	187.90	3.55
186.35	0.23	186.87	0.26	187.39	0.28	187.91	3.67
186.36	0.23	186.88	0.26	187.40	0.28	187.92	3.79
186.37	0.23	186.89	0.26	187.41	0.28	187.93	3.92
186.38	0.23	186.90	0.26	187.42	0.28	187.94	4.04
186.39	0.23	186.91	0.26	187.43	0.28	187.95	4.17
186.40	0.23	186.92	0.26	187.44	0.29	187.96	4.30
186.41	0.23	186.93	0.26	187.45	0.29	187.97	4.42
186.42	0.23	186.94	0.26	187.46	0.29	187.98	4.55
186.43	0.23	186.95	0.26	187.47	0.29	187.99	4.69
186.44	0.23	186.96	0.26	187.48	0.29	188.00	4.82
186.45	0.23	186.97	0.26	187.49	0.29	188.01	4.95
186.46	0.23	186.98	0.26	187.50	0.29	188.02	5.09
186.47	0.23	186.99	0.26	187.51	0.30	188.03	5.22
186.48	0.24	187.00	0.26	187.52	0.33	188.04	5.36
186.49	0.24	187.01	0.26	187.53	0.36	188.05	5.50
186.50	0.24	187.02	0.26	187.54	0.39	188.06	5.64
186.51	0.24	187.03	0.26	187.55	0.44	188.07	5.78
186.52	0.24	187.04	0.27	187.56	0.48	188.08	5.92
186.53	0.24	187.05	0.27	187.57	0.53	188.09	6.07
186.54	0.24	187.06	0.27	187.58	0.59	188.10	6.21
186.55	0.24	187.07	0.27	187.59	0.64	188.11	6.36
186.56	0.24	187.08	0.27	187.60	0.70	188.12	6.50
186.57	0.24	187.09	0.27	187.61	0.77	188.13	6.65
186.58	0.24	187.10	0.27	187.62	0.83	188.14	6.80
186.59	0.24	187.11	0.27	187.63	0.90	188.15	6.95

Stage-Discharge for Pond B-50: Basin #50 (continued)

Elevation (feet)	Primary (cfs)
188.16	7.10
188.17	7.25
188.18	7.40
188.19	7.56
188.20	7.71
188.21	7.87
188.22	8.02
188.23	8.18
188.24	8.34
188.25	8.50
188.26	8.66
188.27	8.82
188.28	8.98
188.29	9.14
188.30	9.31
188.31	9.47
188.32	9.64
188.33	9.80
188.34	9.97
188.35	10.14
188.36	10.31
188.37	10.48
188.38	10.65
188.39	10.82
188.40	10.99
188.41	11.17
188.42	11.34
188.43	11.51
188.44	11.69
188.45	11.87
188.46	12.11
188.47	12.42
188.48	12.76
188.49	13.14
188.50	13.55

Stage-Area-Storage for Pond B-50: Basin #50

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
184.00	8,805	0	184.52	9,483	4,755
184.01	8,818	88	184.53	9,496	4,850
184.02	8,831	176	184.54	9,509	4,945
184.03	8,844	265	184.55	9,522	5,040
184.04	8,857	353	184.56	9,535	5,135
184.05	8,870	442	184.57	9,548	5,231
184.06	8,883	531	184.58	9,561	5,326
184.07	8,896	620	184.59	9,574	5,422
184.08	8,909	709	184.60	9,587	5,518
184.09	8,922	798	184.61	9,600	5,613
184.10	8,935	887	184.62	9,613	5,710
184.11	8,948	976	184.63	9,626	5,806
184.12	8,961	1,066	184.64	9,639	5,902
184.13	8,974	1,156	184.65	9,652	5,999
184.14	8,987	1,245	184.66	9,665	6,095
184.15	9,000	1,335	184.67	9,678	6,192
184.16	9,013	1,425	184.68	9,691	6,289
184.17	9,027	1,516	184.69	9,704	6,386
184.18	9,040	1,606	184.70	9,717	6,483
184.19	9,053	1,696	184.71	9,730	6,580
184.20	9,066	1,787	184.72	9,743	6,677
184.21	9,079	1,878	184.73	9,756	6,775
184.22	9,092	1,969	184.74	9,769	6,872
184.23	9,105	2,060	184.75	9,782	6,970
184.24	9,118	2,151	184.76	9,795	7,068
184.25	9,131	2,242	184.77	9,808	7,166
184.26	9,144	2,333	184.78	9,821	7,264
184.27	9,157	2,425	184.79	9,834	7,363
184.28	9,170	2,516	184.80	9,847	7,461
184.29	9,183	2,608	184.81	9,860	7,559
184.30	9,196	2,700	184.82	9,873	7,658
184.31	9,209	2,792	184.83	9,886	7,757
184.32	9,222	2,884	184.84	9,900	7,856
184.33	9,235	2,977	184.85	9,913	7,955
184.34	9,248	3,069	184.86	9,926	8,054
184.35	9,261	3,162	184.87	9,939	8,153
184.36	9,274	3,254	184.88	9,952	8,253
184.37	9,287	3,347	184.89	9,965	8,353
184.38	9,300	3,440	184.90	9,978	8,452
184.39	9,313	3,533	184.91	9,991	8,552
184.40	9,326	3,626	184.92	10,004	8,652
184.41	9,339	3,720	184.93	10,017	8,752
184.42	9,352	3,813	184.94	10,030	8,852
184.43	9,365	3,907	184.95	10,043	8,953
184.44	9,378	4,000	184.96	10,056	9,053
184.45	9,391	4,094	184.97	10,069	9,154
184.46	9,404	4,188	184.98	10,082	9,255
184.47	9,417	4,282	184.99	10,095	9,355
184.48	9,430	4,377	185.00	10,108	9,457
184.49	9,443	4,471	185.01	10,121	9,558
184.50	9,457	4,565	185.02	10,135	9,659
184.51	9,470	4,660	185.03	10,148	9,760

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
185.04	10,162	9,862	185.56	10,858	15,327
185.05	10,175	9,964	185.57	10,872	15,436
185.06	10,188	10,065	185.58	10,885	15,545
185.07	10,202	10,167	185.59	10,899	15,653
185.08	10,215	10,269	185.60	10,912	15,762
185.09	10,229	10,372	185.61	10,925	15,872
185.10	10,242	10,474	185.62	10,939	15,981
185.11	10,255	10,576	185.63	10,952	16,090
185.12	10,269	10,679	185.64	10,966	16,200
185.13	10,282	10,782	185.65	10,979	16,310
185.14	10,296	10,885	185.66	10,992	16,420
185.15	10,309	10,988	185.67	11,006	16,530
185.16	10,322	11,091	185.68	11,019	16,640
185.17	10,336	11,194	185.69	11,033	16,750
185.18	10,349	11,298	185.70	11,046	16,860
185.19	10,363	11,401	185.71	11,059	16,971
185.20	10,376	11,505	185.72	11,073	17,082
185.21	10,389	11,609	185.73	11,086	17,192
185.22	10,403	11,713	185.74	11,100	17,303
185.23	10,416	11,817	185.75	11,113	17,414
185.24	10,430	11,921	185.76	11,126	17,526
185.25	10,443	12,025	185.77	11,140	17,637
185.26	10,456	12,130	185.78	11,153	17,748
185.27	10,470	12,235	185.79	11,167	17,860
185.28	10,483	12,339	185.80	11,180	17,972
185.29	10,497	12,444	185.81	11,193	18,084
185.30	10,510	12,549	185.82	11,207	18,196
185.31	10,523	12,654	185.83	11,220	18,308
185.32	10,537	12,760	185.84	11,234	18,420
185.33	10,550	12,865	185.85	11,247	18,532
185.34	10,564	12,971	185.86	11,260	18,645
185.35	10,577	13,076	185.87	11,274	18,758
185.36	10,590	13,182	185.88	11,287	18,870
185.37	10,604	13,288	185.89	11,301	18,983
185.38	10,617	13,394	185.90	11,314	19,096
185.39	10,631	13,501	185.91	11,327	19,210
185.40	10,644	13,607	185.92	11,341	19,323
185.41	10,657	13,713	185.93	11,354	19,436
185.42	10,671	13,820	185.94	11,368	19,550
185.43	10,684	13,927	185.95	11,381	19,664
185.44	10,698	14,034	185.96	11,394	19,778
185.45	10,711	14,141	185.97	11,408	19,892
185.46	10,724	14,248	185.98	11,421	20,006
185.47	10,738	14,355	185.99	11,435	20,120
185.48	10,751	14,463	186.00	11,448	20,235
185.49	10,765	14,570	186.01	11,462	20,349
185.50	10,778	14,678	186.02	11,476	20,464
185.51	10,791	14,786	186.03	11,489	20,579
185.52	10,805	14,894	186.04	11,503	20,694
185.53	10,818	15,002	186.05	11,517	20,809
185.54	10,832	15,110	186.06	11,531	20,924
185.55	10,845	15,219	186.07	11,544	21,039

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
186.08	11,558	21,155	186.60	12,275	27,351
186.09	11,572	21,270	186.61	12,289	27,474
186.10	11,586	21,386	186.62	12,302	27,597
186.11	11,600	21,502	186.63	12,316	27,720
186.12	11,613	21,618	186.64	12,330	27,843
186.13	11,627	21,734	186.65	12,344	27,967
186.14	11,641	21,851	186.66	12,357	28,090
186.15	11,655	21,967	186.67	12,371	28,214
186.16	11,668	22,084	186.68	12,385	28,338
186.17	11,682	22,201	186.69	12,399	28,462
186.18	11,696	22,317	186.70	12,413	28,586
186.19	11,710	22,434	186.71	12,426	28,710
186.20	11,724	22,552	186.72	12,440	28,834
186.21	11,737	22,669	186.73	12,454	28,959
186.22	11,751	22,786	186.74	12,468	29,083
186.23	11,765	22,904	186.75	12,482	29,208
186.24	11,779	23,022	186.76	12,495	29,333
186.25	11,793	23,140	186.77	12,509	29,458
186.26	11,806	23,258	186.78	12,523	29,583
186.27	11,820	23,376	186.79	12,537	29,708
186.28	11,834	23,494	186.80	12,550	29,834
186.29	11,848	23,612	186.81	12,564	29,959
186.30	11,861	23,731	186.82	12,578	30,085
186.31	11,875	23,850	186.83	12,592	30,211
186.32	11,889	23,968	186.84	12,606	30,337
186.33	11,903	24,087	186.85	12,619	30,463
186.34	11,917	24,206	186.86	12,633	30,589
186.35	11,930	24,326	186.87	12,647	30,716
186.36	11,944	24,445	186.88	12,661	30,842
186.37	11,958	24,565	186.89	12,674	30,969
186.38	11,972	24,684	186.90	12,688	31,096
186.39	11,985	24,804	186.91	12,702	31,223
186.40	11,999	24,924	186.92	12,716	31,350
186.41	12,013	25,044	186.93	12,730	31,477
186.42	12,027	25,164	186.94	12,743	31,604
186.43	12,041	25,285	186.95	12,757	31,732
186.44	12,054	25,405	186.96	12,771	31,860
186.45	12,068	25,526	186.97	12,785	31,987
186.46	12,082	25,646	186.98	12,798	32,115
186.47	12,096	25,767	186.99	12,812	32,243
186.48	12,109	25,888	187.00	12,826	32,372
186.49	12,123	26,009	187.01	12,840	32,500
186.50	12,137	26,131	187.02	12,854	32,628
186.51	12,151	26,252	187.03	12,869	32,757
186.52	12,165	26,374	187.04	12,883	32,886
186.53	12,178	26,495	187.05	12,897	33,015
186.54	12,192	26,617	187.06	12,911	33,144
186.55	12,206	26,739	187.07	12,925	33,273
186.56	12,220	26,861	187.08	12,939	33,402
186.57	12,233	26,984	187.09	12,954	33,532
186.58	12,247	27,106	187.10	12,968	33,661
186.59	12,261	27,229	187.11	12,982	33,791

Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
187.12	12,996	33,921	187.64	13,734	40,871
187.13	13,010	34,051	187.65	13,748	41,008
187.14	13,025	34,181	187.66	13,762	41,146
187.15	13,039	34,311	187.67	13,776	41,283
187.16	13,053	34,442	187.68	13,790	41,421
187.17	13,067	34,572	187.69	13,804	41,559
187.18	13,081	34,703	187.70	13,819	41,697
187.19	13,095	34,834	187.71	13,833	41,835
187.20	13,110	34,965	187.72	13,847	41,974
187.21	13,124	35,096	187.73	13,861	42,112
187.22	13,138	35,228	187.74	13,875	42,251
187.23	13,152	35,359	187.75	13,890	42,390
187.24	13,166	35,491	187.76	13,904	42,529
187.25	13,181	35,622	187.77	13,918	42,668
187.26	13,195	35,754	187.78	13,932	42,807
187.27	13,209	35,886	187.79	13,946	42,947
187.28	13,223	36,018	187.80	13,960	43,086
187.29	13,237	36,151	187.81	13,975	43,226
187.30	13,251	36,283	187.82	13,989	43,366
187.31	13,266	36,416	187.83	14,003	43,506
187.32	13,280	36,548	187.84	14,017	43,646
187.33	13,294	36,681	187.85	14,031	43,786
187.34	13,308	36,814	187.86	14,045	43,926
187.35	13,322	36,947	187.87	14,060	44,067
187.36	13,336	37,081	187.88	14,074	44,207
187.37	13,351	37,214	187.89	14,088	44,348
187.38	13,365	37,348	187.90	14,102	44,489
187.39	13,379	37,481	187.91	14,116	44,630
187.40	13,393	37,615	187.92	14,131	44,772
187.41	13,407	37,749	187.93	14,145	44,913
187.42	13,422	37,883	187.94	14,159	45,054
187.43	13,436	38,018	187.95	14,173	45,196
187.44	13,450	38,152	187.96	14,187	45,338
187.45	13,464	38,287	187.97	14,201	45,480
187.46	13,478	38,421	187.98	14,216	45,622
187.47	13,492	38,556	187.99	14,230	45,764
187.48	13,507	38,691	188.00	14,244	45,907
187.49	13,521	38,826	188.01	14,258	46,049
187.50	13,535	38,962	188.02	14,273	46,192
187.51	13,549	39,097	188.03	14,287	46,334
187.52	13,563	39,233	188.04	14,302	46,477
187.53	13,578	39,368	188.05	14,316	46,621
187.54	13,592	39,504	188.06	14,331	46,764
187.55	13,606	39,640	188.07	14,345	46,907
187.56	13,620	39,776	188.08	14,360	47,051
187.57	13,634	39,913	188.09	14,374	47,194
187.58	13,648	40,049	188.10	14,388	47,338
187.59	13,663	40,186	188.11	14,403	47,482
187.60	13,677	40,322	188.12	14,417	47,626
187.61	13,691	40,459	188.13	14,432	47,770
187.62	13,705	40,596	188.14	14,446	47,915
187.63	13,719	40,733	188.15	14,461	48,059

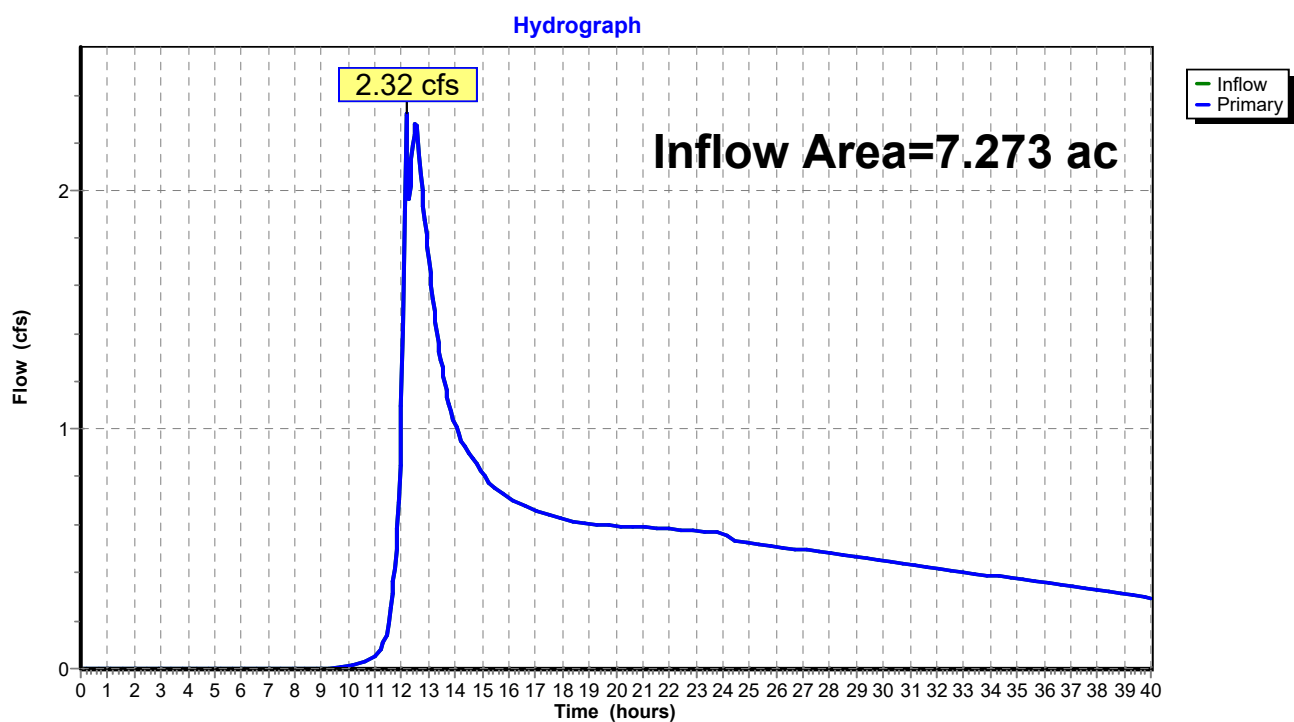
Stage-Area-Storage for Pond B-50: Basin #50 (continued)

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
188.16	14,475	48,204
188.17	14,489	48,349
188.18	14,504	48,494
188.19	14,518	48,639
188.20	14,533	48,784
188.21	14,547	48,930
188.22	14,562	49,075
188.23	14,576	49,221
188.24	14,591	49,367
188.25	14,605	49,513
188.26	14,619	49,659
188.27	14,634	49,805
188.28	14,648	49,951
188.29	14,663	50,098
188.30	14,677	50,245
188.31	14,692	50,392
188.32	14,706	50,539
188.33	14,721	50,686
188.34	14,735	50,833
188.35	14,749	50,980
188.36	14,764	51,128
188.37	14,778	51,276
188.38	14,793	51,423
188.39	14,807	51,571
188.40	14,822	51,720
188.41	14,836	51,868
188.42	14,850	52,016
188.43	14,865	52,165
188.44	14,879	52,314
188.45	14,894	52,463
188.46	14,908	52,612
188.47	14,923	52,761
188.48	14,937	52,910
188.49	14,952	53,059
188.50	14,966	53,209

Summary for Link PDA-5: Proposed Drainage Area #5

Inflow Area = 7.273 ac, 32.33% Impervious, Inflow Depth > 2.30" for Current 10 yr event
Inflow = 2.32 cfs @ 12.16 hrs, Volume= 1.396 af
Primary = 2.32 cfs @ 12.16 hrs, Volume= 1.396 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs

Link PDA-5: Proposed Drainage Area #5

Hydrograph for Link PDA-5: Proposed Drainage Area #5

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00
0.05	0.00	0.00	0.00	2.65	0.00	0.00	0.00
0.10	0.00	0.00	0.00	2.70	0.00	0.00	0.00
0.15	0.00	0.00	0.00	2.75	0.00	0.00	0.00
0.20	0.00	0.00	0.00	2.80	0.00	0.00	0.00
0.25	0.00	0.00	0.00	2.85	0.00	0.00	0.00
0.30	0.00	0.00	0.00	2.90	0.00	0.00	0.00
0.35	0.00	0.00	0.00	2.95	0.00	0.00	0.00
0.40	0.00	0.00	0.00	3.00	0.00	0.00	0.00
0.45	0.00	0.00	0.00	3.05	0.00	0.00	0.00
0.50	0.00	0.00	0.00	3.10	0.00	0.00	0.00
0.55	0.00	0.00	0.00	3.15	0.00	0.00	0.00
0.60	0.00	0.00	0.00	3.20	0.00	0.00	0.00
0.65	0.00	0.00	0.00	3.25	0.00	0.00	0.00
0.70	0.00	0.00	0.00	3.30	0.00	0.00	0.00
0.75	0.00	0.00	0.00	3.35	0.00	0.00	0.00
0.80	0.00	0.00	0.00	3.40	0.00	0.00	0.00
0.85	0.00	0.00	0.00	3.45	0.00	0.00	0.00
0.90	0.00	0.00	0.00	3.50	0.00	0.00	0.00
0.95	0.00	0.00	0.00	3.55	0.00	0.00	0.00
1.00	0.00	0.00	0.00	3.60	0.00	0.00	0.00
1.05	0.00	0.00	0.00	3.65	0.00	0.00	0.00
1.10	0.00	0.00	0.00	3.70	0.00	0.00	0.00
1.15	0.00	0.00	0.00	3.75	0.00	0.00	0.00
1.20	0.00	0.00	0.00	3.80	0.00	0.00	0.00
1.25	0.00	0.00	0.00	3.85	0.00	0.00	0.00
1.30	0.00	0.00	0.00	3.90	0.00	0.00	0.00
1.35	0.00	0.00	0.00	3.95	0.00	0.00	0.00
1.40	0.00	0.00	0.00	4.00	0.00	0.00	0.00
1.45	0.00	0.00	0.00	4.05	0.00	0.00	0.00
1.50	0.00	0.00	0.00	4.10	0.00	0.00	0.00
1.55	0.00	0.00	0.00	4.15	0.00	0.00	0.00
1.60	0.00	0.00	0.00	4.20	0.00	0.00	0.00
1.65	0.00	0.00	0.00	4.25	0.00	0.00	0.00
1.70	0.00	0.00	0.00	4.30	0.00	0.00	0.00
1.75	0.00	0.00	0.00	4.35	0.00	0.00	0.00
1.80	0.00	0.00	0.00	4.40	0.00	0.00	0.00
1.85	0.00	0.00	0.00	4.45	0.00	0.00	0.00
1.90	0.00	0.00	0.00	4.50	0.00	0.00	0.00
1.95	0.00	0.00	0.00	4.55	0.00	0.00	0.00
2.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00
2.05	0.00	0.00	0.00	4.65	0.00	0.00	0.00
2.10	0.00	0.00	0.00	4.70	0.00	0.00	0.00
2.15	0.00	0.00	0.00	4.75	0.00	0.00	0.00
2.20	0.00	0.00	0.00	4.80	0.00	0.00	0.00
2.25	0.00	0.00	0.00	4.85	0.00	0.00	0.00
2.30	0.00	0.00	0.00	4.90	0.00	0.00	0.00
2.35	0.00	0.00	0.00	4.95	0.00	0.00	0.00
2.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00
2.45	0.00	0.00	0.00	5.05	0.00	0.00	0.00
2.50	0.00	0.00	0.00	5.10	0.00	0.00	0.00
2.55	0.00	0.00	0.00	5.15	0.00	0.00	0.00

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.20	0.00	0.00	0.00	7.80	0.00	0.00	0.00
5.25	0.00	0.00	0.00	7.85	0.00	0.00	0.00
5.30	0.00	0.00	0.00	7.90	0.00	0.00	0.00
5.35	0.00	0.00	0.00	7.95	0.00	0.00	0.00
5.40	0.00	0.00	0.00	8.00	0.00	0.00	0.00
5.45	0.00	0.00	0.00	8.05	0.00	0.00	0.00
5.50	0.00	0.00	0.00	8.10	0.00	0.00	0.00
5.55	0.00	0.00	0.00	8.15	0.00	0.00	0.00
5.60	0.00	0.00	0.00	8.20	0.00	0.00	0.00
5.65	0.00	0.00	0.00	8.25	0.00	0.00	0.00
5.70	0.00	0.00	0.00	8.30	0.00	0.00	0.00
5.75	0.00	0.00	0.00	8.35	0.00	0.00	0.00
5.80	0.00	0.00	0.00	8.40	0.00	0.00	0.00
5.85	0.00	0.00	0.00	8.45	0.00	0.00	0.00
5.90	0.00	0.00	0.00	8.50	0.00	0.00	0.00
5.95	0.00	0.00	0.00	8.55	0.00	0.00	0.00
6.00	0.00	0.00	0.00	8.60	0.00	0.00	0.00
6.05	0.00	0.00	0.00	8.65	0.00	0.00	0.00
6.10	0.00	0.00	0.00	8.70	0.00	0.00	0.00
6.15	0.00	0.00	0.00	8.75	0.00	0.00	0.00
6.20	0.00	0.00	0.00	8.80	0.00	0.00	0.00
6.25	0.00	0.00	0.00	8.85	0.00	0.00	0.00
6.30	0.00	0.00	0.00	8.90	0.00	0.00	0.00
6.35	0.00	0.00	0.00	8.95	0.00	0.00	0.00
6.40	0.00	0.00	0.00	9.00	0.00	0.00	0.00
6.45	0.00	0.00	0.00	9.05	0.00	0.00	0.00
6.50	0.00	0.00	0.00	9.10	0.00	0.00	0.00
6.55	0.00	0.00	0.00	9.15	0.00	0.00	0.00
6.60	0.00	0.00	0.00	9.20	0.00	0.00	0.00
6.65	0.00	0.00	0.00	9.25	0.00	0.00	0.00
6.70	0.00	0.00	0.00	9.30	0.00	0.00	0.00
6.75	0.00	0.00	0.00	9.35	0.00	0.00	0.00
6.80	0.00	0.00	0.00	9.40	0.00	0.00	0.00
6.85	0.00	0.00	0.00	9.45	0.01	0.00	0.01
6.90	0.00	0.00	0.00	9.50	0.01	0.00	0.01
6.95	0.00	0.00	0.00	9.55	0.01	0.00	0.01
7.00	0.00	0.00	0.00	9.60	0.01	0.00	0.01
7.05	0.00	0.00	0.00	9.65	0.01	0.00	0.01
7.10	0.00	0.00	0.00	9.70	0.01	0.00	0.01
7.15	0.00	0.00	0.00	9.75	0.01	0.00	0.01
7.20	0.00	0.00	0.00	9.80	0.01	0.00	0.01
7.25	0.00	0.00	0.00	9.85	0.01	0.00	0.01
7.30	0.00	0.00	0.00	9.90	0.01	0.00	0.01
7.35	0.00	0.00	0.00	9.95	0.01	0.00	0.01
7.40	0.00	0.00	0.00	10.00	0.01	0.00	0.01
7.45	0.00	0.00	0.00	10.05	0.02	0.00	0.02
7.50	0.00	0.00	0.00	10.10	0.02	0.00	0.02
7.55	0.00	0.00	0.00	10.15	0.02	0.00	0.02
7.60	0.00	0.00	0.00	10.20	0.02	0.00	0.02
7.65	0.00	0.00	0.00	10.25	0.02	0.00	0.02
7.70	0.00	0.00	0.00	10.30	0.02	0.00	0.02
7.75	0.00	0.00	0.00	10.35	0.02	0.00	0.02

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
10.40	0.02	0.00	0.02	13.00	1.71	0.00	1.71
10.45	0.02	0.00	0.02	13.05	1.65	0.00	1.65
10.50	0.03	0.00	0.03	13.10	1.60	0.00	1.60
10.55	0.03	0.00	0.03	13.15	1.54	0.00	1.54
10.60	0.03	0.00	0.03	13.20	1.49	0.00	1.49
10.65	0.03	0.00	0.03	13.25	1.45	0.00	1.45
10.70	0.03	0.00	0.03	13.30	1.40	0.00	1.40
10.75	0.04	0.00	0.04	13.35	1.36	0.00	1.36
10.80	0.04	0.00	0.04	13.40	1.32	0.00	1.32
10.85	0.04	0.00	0.04	13.45	1.29	0.00	1.29
10.90	0.05	0.00	0.05	13.50	1.26	0.00	1.26
10.95	0.05	0.00	0.05	13.55	1.22	0.00	1.22
11.00	0.06	0.00	0.06	13.60	1.19	0.00	1.19
11.05	0.06	0.00	0.06	13.65	1.16	0.00	1.16
11.10	0.07	0.00	0.07	13.70	1.13	0.00	1.13
11.15	0.07	0.00	0.07	13.75	1.11	0.00	1.11
11.20	0.08	0.00	0.08	13.80	1.09	0.00	1.09
11.25	0.09	0.00	0.09	13.85	1.07	0.00	1.07
11.30	0.10	0.00	0.10	13.90	1.05	0.00	1.05
11.35	0.12	0.00	0.12	13.95	1.03	0.00	1.03
11.40	0.13	0.00	0.13	14.00	1.01	0.00	1.01
11.45	0.15	0.00	0.15	14.05	1.00	0.00	1.00
11.50	0.17	0.00	0.17	14.10	0.99	0.00	0.99
11.55	0.20	0.00	0.20	14.15	0.97	0.00	0.97
11.60	0.25	0.00	0.25	14.20	0.96	0.00	0.96
11.65	0.32	0.00	0.32	14.25	0.95	0.00	0.95
11.70	0.37	0.00	0.37	14.30	0.94	0.00	0.94
11.75	0.42	0.00	0.42	14.35	0.93	0.00	0.93
11.80	0.49	0.00	0.49	14.40	0.92	0.00	0.92
11.85	0.58	0.00	0.58	14.45	0.91	0.00	0.91
11.90	0.70	0.00	0.70	14.50	0.90	0.00	0.90
11.95	0.85	0.00	0.85	14.55	0.89	0.00	0.89
12.00	1.10	0.00	1.10	14.60	0.89	0.00	0.89
12.05	1.43	0.00	1.43	14.65	0.88	0.00	0.88
12.10	1.91	0.00	1.91	14.70	0.87	0.00	0.87
12.15	2.31	0.00	2.31	14.75	0.86	0.00	0.86
12.20	2.13	0.00	2.13	14.80	0.85	0.00	0.85
12.25	1.96	0.00	1.96	14.85	0.84	0.00	0.84
12.30	2.02	0.00	2.02	14.90	0.84	0.00	0.84
12.35	2.13	0.00	2.13	14.95	0.83	0.00	0.83
12.40	2.19	0.00	2.19	15.00	0.82	0.00	0.82
12.45	2.23	0.00	2.23	15.05	0.81	0.00	0.81
12.50	2.28	0.00	2.28	15.10	0.80	0.00	0.80
12.55	2.30	0.00	2.30	15.15	0.79	0.00	0.79
12.60	2.24	0.00	2.24	15.20	0.79	0.00	0.79
12.65	2.14	0.00	2.14	15.25	0.78	0.00	0.78
12.70	2.06	0.00	2.06	15.30	0.77	0.00	0.77
12.75	2.00	0.00	2.00	15.35	0.77	0.00	0.77
12.80	1.93	0.00	1.93	15.40	0.76	0.00	0.76
12.85	1.87	0.00	1.87	15.45	0.76	0.00	0.76
12.90	1.82	0.00	1.82	15.50	0.75	0.00	0.75
12.95	1.76	0.00	1.76	15.55	0.75	0.00	0.75

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
15.60	0.75	0.00	0.75	18.20	0.62	0.00	0.62
15.65	0.74	0.00	0.74	18.25	0.62	0.00	0.62
15.70	0.74	0.00	0.74	18.30	0.62	0.00	0.62
15.75	0.73	0.00	0.73	18.35	0.61	0.00	0.61
15.80	0.73	0.00	0.73	18.40	0.61	0.00	0.61
15.85	0.73	0.00	0.73	18.45	0.61	0.00	0.61
15.90	0.72	0.00	0.72	18.50	0.61	0.00	0.61
15.95	0.72	0.00	0.72	18.55	0.61	0.00	0.61
16.00	0.72	0.00	0.72	18.60	0.61	0.00	0.61
16.05	0.71	0.00	0.71	18.65	0.61	0.00	0.61
16.10	0.71	0.00	0.71	18.70	0.60	0.00	0.60
16.15	0.71	0.00	0.71	18.75	0.60	0.00	0.60
16.20	0.70	0.00	0.70	18.80	0.60	0.00	0.60
16.25	0.70	0.00	0.70	18.85	0.60	0.00	0.60
16.30	0.70	0.00	0.70	18.90	0.60	0.00	0.60
16.35	0.70	0.00	0.70	18.95	0.60	0.00	0.60
16.40	0.69	0.00	0.69	19.00	0.60	0.00	0.60
16.45	0.69	0.00	0.69	19.05	0.60	0.00	0.60
16.50	0.69	0.00	0.69	19.10	0.60	0.00	0.60
16.55	0.68	0.00	0.68	19.15	0.60	0.00	0.60
16.60	0.68	0.00	0.68	19.20	0.60	0.00	0.60
16.65	0.68	0.00	0.68	19.25	0.60	0.00	0.60
16.70	0.68	0.00	0.68	19.30	0.60	0.00	0.60
16.75	0.67	0.00	0.67	19.35	0.60	0.00	0.60
16.80	0.67	0.00	0.67	19.40	0.60	0.00	0.60
16.85	0.67	0.00	0.67	19.45	0.60	0.00	0.60
16.90	0.67	0.00	0.67	19.50	0.60	0.00	0.60
16.95	0.66	0.00	0.66	19.55	0.60	0.00	0.60
17.00	0.66	0.00	0.66	19.60	0.60	0.00	0.60
17.05	0.66	0.00	0.66	19.65	0.60	0.00	0.60
17.10	0.66	0.00	0.66	19.70	0.60	0.00	0.60
17.15	0.66	0.00	0.66	19.75	0.60	0.00	0.60
17.20	0.65	0.00	0.65	19.80	0.60	0.00	0.60
17.25	0.65	0.00	0.65	19.85	0.60	0.00	0.60
17.30	0.65	0.00	0.65	19.90	0.60	0.00	0.60
17.35	0.65	0.00	0.65	19.95	0.60	0.00	0.60
17.40	0.65	0.00	0.65	20.00	0.60	0.00	0.60
17.45	0.65	0.00	0.65	20.05	0.60	0.00	0.60
17.50	0.64	0.00	0.64	20.10	0.60	0.00	0.60
17.55	0.64	0.00	0.64	20.15	0.60	0.00	0.60
17.60	0.64	0.00	0.64	20.20	0.60	0.00	0.60
17.65	0.64	0.00	0.64	20.25	0.60	0.00	0.60
17.70	0.64	0.00	0.64	20.30	0.60	0.00	0.60
17.75	0.64	0.00	0.64	20.35	0.60	0.00	0.60
17.80	0.63	0.00	0.63	20.40	0.59	0.00	0.59
17.85	0.63	0.00	0.63	20.45	0.59	0.00	0.59
17.90	0.63	0.00	0.63	20.50	0.59	0.00	0.59
17.95	0.63	0.00	0.63	20.55	0.59	0.00	0.59
18.00	0.63	0.00	0.63	20.60	0.59	0.00	0.59
18.05	0.62	0.00	0.62	20.65	0.59	0.00	0.59
18.10	0.62	0.00	0.62	20.70	0.59	0.00	0.59
18.15	0.62	0.00	0.62	20.75	0.59	0.00	0.59

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
20.80	0.59	0.00	0.59	23.40	0.57	0.00	0.57
20.85	0.59	0.00	0.59	23.45	0.57	0.00	0.57
20.90	0.59	0.00	0.59	23.50	0.57	0.00	0.57
20.95	0.59	0.00	0.59	23.55	0.57	0.00	0.57
21.00	0.59	0.00	0.59	23.60	0.57	0.00	0.57
21.05	0.59	0.00	0.59	23.65	0.57	0.00	0.57
21.10	0.59	0.00	0.59	23.70	0.57	0.00	0.57
21.15	0.59	0.00	0.59	23.75	0.57	0.00	0.57
21.20	0.59	0.00	0.59	23.80	0.57	0.00	0.57
21.25	0.59	0.00	0.59	23.85	0.57	0.00	0.57
21.30	0.59	0.00	0.59	23.90	0.57	0.00	0.57
21.35	0.59	0.00	0.59	23.95	0.57	0.00	0.57
21.40	0.59	0.00	0.59	24.00	0.57	0.00	0.57
21.45	0.59	0.00	0.59	24.05	0.57	0.00	0.57
21.50	0.59	0.00	0.59	24.10	0.56	0.00	0.56
21.55	0.59	0.00	0.59	24.15	0.55	0.00	0.55
21.60	0.59	0.00	0.59	24.20	0.54	0.00	0.54
21.65	0.59	0.00	0.59	24.25	0.54	0.00	0.54
21.70	0.59	0.00	0.59	24.30	0.54	0.00	0.54
21.75	0.59	0.00	0.59	24.35	0.54	0.00	0.54
21.80	0.59	0.00	0.59	24.40	0.53	0.00	0.53
21.85	0.59	0.00	0.59	24.45	0.53	0.00	0.53
21.90	0.58	0.00	0.58	24.50	0.53	0.00	0.53
21.95	0.58	0.00	0.58	24.55	0.53	0.00	0.53
22.00	0.58	0.00	0.58	24.60	0.53	0.00	0.53
22.05	0.58	0.00	0.58	24.65	0.53	0.00	0.53
22.10	0.58	0.00	0.58	24.70	0.53	0.00	0.53
22.15	0.58	0.00	0.58	24.75	0.53	0.00	0.53
22.20	0.58	0.00	0.58	24.80	0.53	0.00	0.53
22.25	0.58	0.00	0.58	24.85	0.53	0.00	0.53
22.30	0.58	0.00	0.58	24.90	0.53	0.00	0.53
22.35	0.58	0.00	0.58	24.95	0.53	0.00	0.53
22.40	0.58	0.00	0.58	25.00	0.53	0.00	0.53
22.45	0.58	0.00	0.58	25.05	0.53	0.00	0.53
22.50	0.58	0.00	0.58	25.10	0.52	0.00	0.52
22.55	0.58	0.00	0.58	25.15	0.52	0.00	0.52
22.60	0.58	0.00	0.58	25.20	0.52	0.00	0.52
22.65	0.58	0.00	0.58	25.25	0.52	0.00	0.52
22.70	0.58	0.00	0.58	25.30	0.52	0.00	0.52
22.75	0.58	0.00	0.58	25.35	0.52	0.00	0.52
22.80	0.58	0.00	0.58	25.40	0.52	0.00	0.52
22.85	0.58	0.00	0.58	25.45	0.52	0.00	0.52
22.90	0.58	0.00	0.58	25.50	0.52	0.00	0.52
22.95	0.58	0.00	0.58	25.55	0.52	0.00	0.52
23.00	0.58	0.00	0.58	25.60	0.52	0.00	0.52
23.05	0.58	0.00	0.58	25.65	0.52	0.00	0.52
23.10	0.58	0.00	0.58	25.70	0.52	0.00	0.52
23.15	0.57	0.00	0.57	25.75	0.52	0.00	0.52
23.20	0.57	0.00	0.57	25.80	0.51	0.00	0.51
23.25	0.57	0.00	0.57	25.85	0.51	0.00	0.51
23.30	0.57	0.00	0.57	25.90	0.51	0.00	0.51
23.35	0.57	0.00	0.57	25.95	0.51	0.00	0.51

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
26.00	0.51	0.00	0.51	28.60	0.47	0.00	0.47
26.05	0.51	0.00	0.51	28.65	0.47	0.00	0.47
26.10	0.51	0.00	0.51	28.70	0.47	0.00	0.47
26.15	0.51	0.00	0.51	28.75	0.47	0.00	0.47
26.20	0.51	0.00	0.51	28.80	0.47	0.00	0.47
26.25	0.51	0.00	0.51	28.85	0.47	0.00	0.47
26.30	0.51	0.00	0.51	28.90	0.47	0.00	0.47
26.35	0.51	0.00	0.51	28.95	0.47	0.00	0.47
26.40	0.51	0.00	0.51	29.00	0.47	0.00	0.47
26.45	0.50	0.00	0.50	29.05	0.47	0.00	0.47
26.50	0.50	0.00	0.50	29.10	0.47	0.00	0.47
26.55	0.50	0.00	0.50	29.15	0.46	0.00	0.46
26.60	0.50	0.00	0.50	29.20	0.46	0.00	0.46
26.65	0.50	0.00	0.50	29.25	0.46	0.00	0.46
26.70	0.50	0.00	0.50	29.30	0.46	0.00	0.46
26.75	0.50	0.00	0.50	29.35	0.46	0.00	0.46
26.80	0.50	0.00	0.50	29.40	0.46	0.00	0.46
26.85	0.50	0.00	0.50	29.45	0.46	0.00	0.46
26.90	0.50	0.00	0.50	29.50	0.46	0.00	0.46
26.95	0.50	0.00	0.50	29.55	0.46	0.00	0.46
27.00	0.50	0.00	0.50	29.60	0.46	0.00	0.46
27.05	0.50	0.00	0.50	29.65	0.46	0.00	0.46
27.10	0.50	0.00	0.50	29.70	0.46	0.00	0.46
27.15	0.49	0.00	0.49	29.75	0.46	0.00	0.46
27.20	0.49	0.00	0.49	29.80	0.45	0.00	0.45
27.25	0.49	0.00	0.49	29.85	0.45	0.00	0.45
27.30	0.49	0.00	0.49	29.90	0.45	0.00	0.45
27.35	0.49	0.00	0.49	29.95	0.45	0.00	0.45
27.40	0.49	0.00	0.49	30.00	0.45	0.00	0.45
27.45	0.49	0.00	0.49	30.05	0.45	0.00	0.45
27.50	0.49	0.00	0.49	30.10	0.45	0.00	0.45
27.55	0.49	0.00	0.49	30.15	0.45	0.00	0.45
27.60	0.49	0.00	0.49	30.20	0.45	0.00	0.45
27.65	0.49	0.00	0.49	30.25	0.45	0.00	0.45
27.70	0.49	0.00	0.49	30.30	0.45	0.00	0.45
27.75	0.49	0.00	0.49	30.35	0.45	0.00	0.45
27.80	0.48	0.00	0.48	30.40	0.45	0.00	0.45
27.85	0.48	0.00	0.48	30.45	0.44	0.00	0.44
27.90	0.48	0.00	0.48	30.50	0.44	0.00	0.44
27.95	0.48	0.00	0.48	30.55	0.44	0.00	0.44
28.00	0.48	0.00	0.48	30.60	0.44	0.00	0.44
28.05	0.48	0.00	0.48	30.65	0.44	0.00	0.44
28.10	0.48	0.00	0.48	30.70	0.44	0.00	0.44
28.15	0.48	0.00	0.48	30.75	0.44	0.00	0.44
28.20	0.48	0.00	0.48	30.80	0.44	0.00	0.44
28.25	0.48	0.00	0.48	30.85	0.44	0.00	0.44
28.30	0.48	0.00	0.48	30.90	0.44	0.00	0.44
28.35	0.48	0.00	0.48	30.95	0.44	0.00	0.44
28.40	0.48	0.00	0.48	31.00	0.44	0.00	0.44
28.45	0.47	0.00	0.47	31.05	0.44	0.00	0.44
28.50	0.47	0.00	0.47	31.10	0.43	0.00	0.43
28.55	0.47	0.00	0.47	31.15	0.43	0.00	0.43

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
31.20	0.43	0.00	0.43	33.80	0.39	0.00	0.39
31.25	0.43	0.00	0.43	33.85	0.39	0.00	0.39
31.30	0.43	0.00	0.43	33.90	0.39	0.00	0.39
31.35	0.43	0.00	0.43	33.95	0.39	0.00	0.39
31.40	0.43	0.00	0.43	34.00	0.39	0.00	0.39
31.45	0.43	0.00	0.43	34.05	0.39	0.00	0.39
31.50	0.43	0.00	0.43	34.10	0.39	0.00	0.39
31.55	0.43	0.00	0.43	34.15	0.39	0.00	0.39
31.60	0.43	0.00	0.43	34.20	0.39	0.00	0.39
31.65	0.43	0.00	0.43	34.25	0.39	0.00	0.39
31.70	0.43	0.00	0.43	34.30	0.38	0.00	0.38
31.75	0.42	0.00	0.42	34.35	0.38	0.00	0.38
31.80	0.42	0.00	0.42	34.40	0.38	0.00	0.38
31.85	0.42	0.00	0.42	34.45	0.38	0.00	0.38
31.90	0.42	0.00	0.42	34.50	0.38	0.00	0.38
31.95	0.42	0.00	0.42	34.55	0.38	0.00	0.38
32.00	0.42	0.00	0.42	34.60	0.38	0.00	0.38
32.05	0.42	0.00	0.42	34.65	0.38	0.00	0.38
32.10	0.42	0.00	0.42	34.70	0.38	0.00	0.38
32.15	0.42	0.00	0.42	34.75	0.38	0.00	0.38
32.20	0.42	0.00	0.42	34.80	0.38	0.00	0.38
32.25	0.42	0.00	0.42	34.85	0.38	0.00	0.38
32.30	0.42	0.00	0.42	34.90	0.38	0.00	0.38
32.35	0.42	0.00	0.42	34.95	0.37	0.00	0.37
32.40	0.41	0.00	0.41	35.00	0.37	0.00	0.37
32.45	0.41	0.00	0.41	35.05	0.37	0.00	0.37
32.50	0.41	0.00	0.41	35.10	0.37	0.00	0.37
32.55	0.41	0.00	0.41	35.15	0.37	0.00	0.37
32.60	0.41	0.00	0.41	35.20	0.37	0.00	0.37
32.65	0.41	0.00	0.41	35.25	0.37	0.00	0.37
32.70	0.41	0.00	0.41	35.30	0.37	0.00	0.37
32.75	0.41	0.00	0.41	35.35	0.37	0.00	0.37
32.80	0.41	0.00	0.41	35.40	0.37	0.00	0.37
32.85	0.41	0.00	0.41	35.45	0.37	0.00	0.37
32.90	0.41	0.00	0.41	35.50	0.37	0.00	0.37
32.95	0.41	0.00	0.41	35.55	0.37	0.00	0.37
33.00	0.41	0.00	0.41	35.60	0.36	0.00	0.36
33.05	0.40	0.00	0.40	35.65	0.36	0.00	0.36
33.10	0.40	0.00	0.40	35.70	0.36	0.00	0.36
33.15	0.40	0.00	0.40	35.75	0.36	0.00	0.36
33.20	0.40	0.00	0.40	35.80	0.36	0.00	0.36
33.25	0.40	0.00	0.40	35.85	0.36	0.00	0.36
33.30	0.40	0.00	0.40	35.90	0.36	0.00	0.36
33.35	0.40	0.00	0.40	35.95	0.36	0.00	0.36
33.40	0.40	0.00	0.40	36.00	0.36	0.00	0.36
33.45	0.40	0.00	0.40	36.05	0.36	0.00	0.36
33.50	0.40	0.00	0.40	36.10	0.36	0.00	0.36
33.55	0.40	0.00	0.40	36.15	0.36	0.00	0.36
33.60	0.40	0.00	0.40	36.20	0.36	0.00	0.36
33.65	0.40	0.00	0.40	36.25	0.35	0.00	0.35
33.70	0.39	0.00	0.39	36.30	0.35	0.00	0.35
33.75	0.39	0.00	0.39	36.35	0.35	0.00	0.35

Hydrograph for Link PDA-5: Proposed Drainage Area #5 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
36.40	0.35	0.00	0.35	39.00	0.31	0.00	0.31
36.45	0.35	0.00	0.35	39.05	0.31	0.00	0.31
36.50	0.35	0.00	0.35	39.10	0.31	0.00	0.31
36.55	0.35	0.00	0.35	39.15	0.31	0.00	0.31
36.60	0.35	0.00	0.35	39.20	0.31	0.00	0.31
36.65	0.35	0.00	0.35	39.25	0.31	0.00	0.31
36.70	0.35	0.00	0.35	39.30	0.31	0.00	0.31
36.75	0.35	0.00	0.35	39.35	0.30	0.00	0.30
36.80	0.35	0.00	0.35	39.40	0.30	0.00	0.30
36.85	0.34	0.00	0.34	39.45	0.30	0.00	0.30
36.90	0.34	0.00	0.34	39.50	0.30	0.00	0.30
36.95	0.34	0.00	0.34	39.55	0.30	0.00	0.30
37.00	0.34	0.00	0.34	39.60	0.30	0.00	0.30
37.05	0.34	0.00	0.34	39.65	0.30	0.00	0.30
37.10	0.34	0.00	0.34	39.70	0.30	0.00	0.30
37.15	0.34	0.00	0.34	39.75	0.30	0.00	0.30
37.20	0.34	0.00	0.34	39.80	0.30	0.00	0.30
37.25	0.34	0.00	0.34	39.85	0.30	0.00	0.30
37.30	0.34	0.00	0.34	39.90	0.30	0.00	0.30
37.35	0.34	0.00	0.34	39.95	0.29	0.00	0.29
37.40	0.34	0.00	0.34	40.00	0.29	0.00	0.29
37.45	0.34	0.00	0.34				
37.50	0.33	0.00	0.33				
37.55	0.33	0.00	0.33				
37.60	0.33	0.00	0.33				
37.65	0.33	0.00	0.33				
37.70	0.33	0.00	0.33				
37.75	0.33	0.00	0.33				
37.80	0.33	0.00	0.33				
37.85	0.33	0.00	0.33				
37.90	0.33	0.00	0.33				
37.95	0.33	0.00	0.33				
38.00	0.33	0.00	0.33				
38.05	0.33	0.00	0.33				
38.10	0.32	0.00	0.32				
38.15	0.32	0.00	0.32				
38.20	0.32	0.00	0.32				
38.25	0.32	0.00	0.32				
38.30	0.32	0.00	0.32				
38.35	0.32	0.00	0.32				
38.40	0.32	0.00	0.32				
38.45	0.32	0.00	0.32				
38.50	0.32	0.00	0.32				
38.55	0.32	0.00	0.32				
38.60	0.32	0.00	0.32				
38.65	0.32	0.00	0.32				
38.70	0.31	0.00	0.31				
38.75	0.31	0.00	0.31				
38.80	0.31	0.00	0.31				
38.85	0.31	0.00	0.31				
38.90	0.31	0.00	0.31				
38.95	0.31	0.00	0.31				

Summary for Subcatchment 48I: PDA-48 (impervious)

Runoff = 7.56 cfs @ 12.09 hrs, Volume= 0.530 af, Depth= 8.20"
 Routed to Pond B-48 : Basin #48

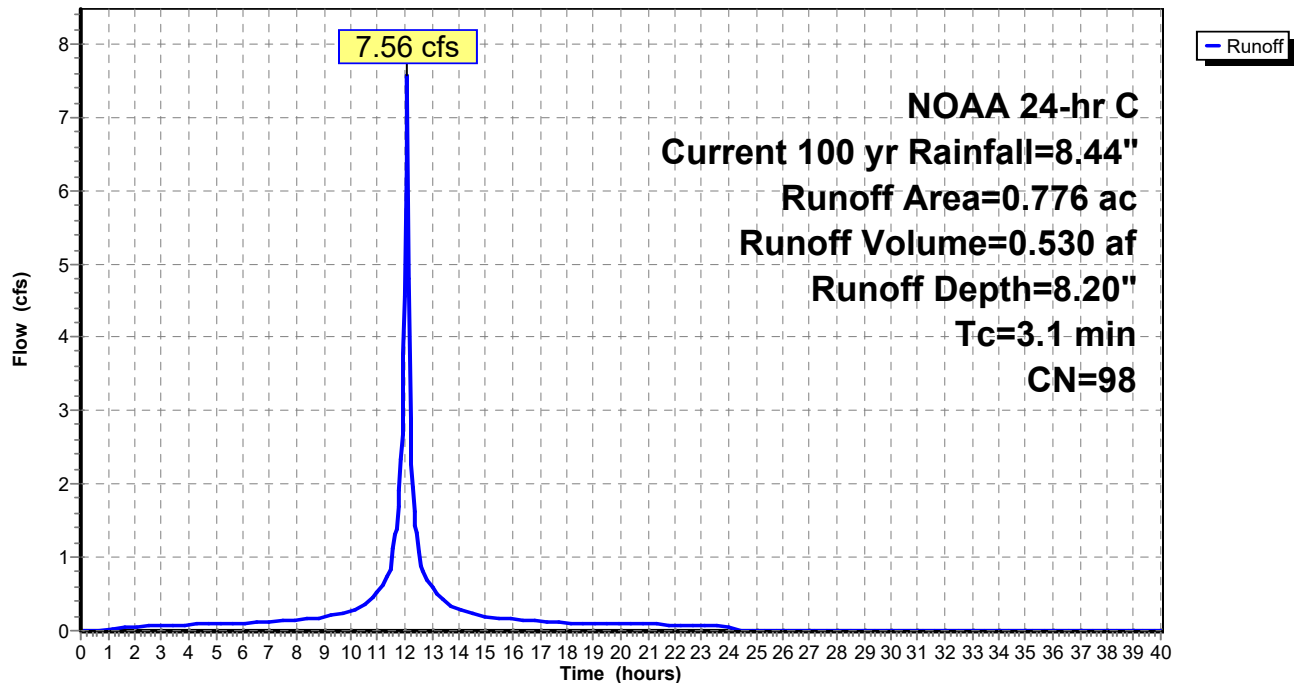
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.235	98	Pavement, HSG C
* 0.522	98	Roof, HSG C
* 0.019	98	Concrete, HSG C
0.776	98	Weighted Average
0.776		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1					Direct Entry,

Subcatchment 48I: PDA-48 (impervious)

Hydrograph



Hydrograph for Subcatchment 48I: PDA-48 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.06
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.06
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.06
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.07
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.07
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.07
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.07
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.07
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.07
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.07
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.07
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.07
0.60	0.06	0.00	0.01	3.20	0.32	0.16	0.07
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.07
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.07
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.07
0.80	0.07	0.00	0.02	3.40	0.34	0.18	0.07
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.08
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.08
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.08
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.08
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.08
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.08
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.08
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.08
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.08
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.08
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.08
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.08
1.45	0.14	0.03	0.04	4.05	0.42	0.25	0.08
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.08
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.08
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.08
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.08
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.08
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.09
1.80	0.17	0.05	0.05	4.40	0.46	0.28	0.09
1.85	0.18	0.05	0.05	4.45	0.47	0.29	0.09
1.90	0.18	0.06	0.05	4.50	0.47	0.29	0.09
1.95	0.19	0.06	0.05	4.55	0.48	0.30	0.09
2.00	0.19	0.06	0.05	4.60	0.49	0.31	0.09
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.09
2.10	0.20	0.07	0.05	4.70	0.50	0.32	0.09
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.09
2.20	0.21	0.08	0.06	4.80	0.51	0.33	0.09
2.25	0.22	0.08	0.06	4.85	0.52	0.33	0.09
2.30	0.22	0.09	0.06	4.90	0.52	0.34	0.09
2.35	0.23	0.09	0.06	4.95	0.53	0.35	0.09
2.40	0.23	0.09	0.06	5.00	0.54	0.35	0.09
2.45	0.24	0.10	0.06	5.05	0.54	0.36	0.09
2.50	0.24	0.10	0.06	5.10	0.55	0.36	0.09
2.55	0.25	0.10	0.06	5.15	0.56	0.37	0.09

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.09	7.80	0.97	0.76	0.15
5.25	0.57	0.38	0.09	7.85	0.98	0.77	0.15
5.30	0.58	0.39	0.09	7.90	0.99	0.78	0.15
5.35	0.58	0.39	0.09	7.95	1.00	0.79	0.15
5.40	0.59	0.40	0.09	8.00	1.01	0.80	0.15
5.45	0.60	0.41	0.10	8.05	1.02	0.81	0.16
5.50	0.60	0.41	0.10	8.10	1.03	0.82	0.16
5.55	0.61	0.42	0.10	8.15	1.04	0.83	0.16
5.60	0.62	0.42	0.10	8.20	1.05	0.84	0.16
5.65	0.62	0.43	0.10	8.25	1.06	0.85	0.16
5.70	0.63	0.44	0.10	8.30	1.07	0.86	0.16
5.75	0.64	0.44	0.10	8.35	1.08	0.87	0.16
5.80	0.64	0.45	0.10	8.40	1.10	0.88	0.16
5.85	0.65	0.45	0.10	8.45	1.11	0.89	0.17
5.90	0.66	0.46	0.10	8.50	1.12	0.91	0.17
5.95	0.66	0.47	0.10	8.55	1.13	0.92	0.17
6.00	0.67	0.47	0.10	8.60	1.14	0.93	0.17
6.05	0.68	0.48	0.10	8.65	1.15	0.94	0.17
6.10	0.68	0.49	0.10	8.70	1.16	0.95	0.17
6.15	0.69	0.49	0.10	8.75	1.17	0.96	0.17
6.20	0.70	0.50	0.11	8.80	1.19	0.97	0.18
6.25	0.70	0.51	0.11	8.85	1.20	0.98	0.18
6.30	0.71	0.51	0.11	8.90	1.21	0.99	0.18
6.35	0.72	0.52	0.11	8.95	1.22	1.01	0.18
6.40	0.73	0.53	0.11	9.00	1.23	1.02	0.18
6.45	0.73	0.54	0.11	9.05	1.25	1.03	0.19
6.50	0.74	0.54	0.11	9.10	1.26	1.04	0.19
6.55	0.75	0.55	0.11	9.15	1.27	1.05	0.20
6.60	0.76	0.56	0.12	9.20	1.28	1.07	0.20
6.65	0.77	0.57	0.12	9.25	1.30	1.08	0.21
6.70	0.77	0.57	0.12	9.30	1.31	1.09	0.21
6.75	0.78	0.58	0.12	9.35	1.33	1.11	0.22
6.80	0.79	0.59	0.12	9.40	1.34	1.12	0.22
6.85	0.80	0.60	0.12	9.45	1.35	1.14	0.23
6.90	0.81	0.60	0.12	9.50	1.37	1.15	0.23
6.95	0.81	0.61	0.13	9.55	1.39	1.17	0.24
7.00	0.82	0.62	0.13	9.60	1.40	1.18	0.24
7.05	0.83	0.63	0.13	9.65	1.42	1.20	0.25
7.10	0.84	0.64	0.13	9.70	1.43	1.21	0.25
7.15	0.85	0.65	0.13	9.75	1.45	1.23	0.26
7.20	0.86	0.65	0.13	9.80	1.47	1.25	0.26
7.25	0.87	0.66	0.13	9.85	1.49	1.27	0.27
7.30	0.88	0.67	0.13	9.90	1.50	1.28	0.27
7.35	0.89	0.68	0.14	9.95	1.52	1.30	0.28
7.40	0.89	0.69	0.14	10.00	1.54	1.32	0.28
7.45	0.90	0.70	0.14	10.05	1.56	1.34	0.29
7.50	0.91	0.71	0.14	10.10	1.58	1.36	0.29
7.55	0.92	0.72	0.14	10.15	1.60	1.37	0.30
7.60	0.93	0.73	0.14	10.20	1.62	1.39	0.30
7.65	0.94	0.73	0.14	10.25	1.64	1.41	0.31
7.70	0.95	0.74	0.15	10.30	1.66	1.43	0.31
7.75	0.96	0.75	0.15	10.35	1.68	1.45	0.32

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.32	13.00	6.41	6.18	0.60
10.45	1.72	1.50	0.33	13.05	6.45	6.21	0.55
10.50	1.74	1.52	0.33	13.10	6.48	6.24	0.53
10.55	1.76	1.54	0.35	13.15	6.51	6.27	0.50
10.60	1.79	1.56	0.37	13.20	6.54	6.30	0.49
10.65	1.81	1.59	0.39	13.25	6.57	6.33	0.46
10.70	1.84	1.62	0.40	13.30	6.60	6.36	0.45
10.75	1.87	1.64	0.43	13.35	6.63	6.39	0.43
10.80	1.90	1.67	0.44	13.40	6.65	6.41	0.41
10.85	1.93	1.70	0.46	13.45	6.68	6.44	0.39
10.90	1.96	1.73	0.48	13.50	6.70	6.46	0.37
10.95	1.99	1.77	0.50	13.55	6.72	6.48	0.35
11.00	2.03	1.80	0.52	13.60	6.74	6.50	0.34
11.05	2.06	1.84	0.56	13.65	6.76	6.53	0.33
11.10	2.10	1.87	0.59	13.70	6.78	6.55	0.32
11.15	2.14	1.92	0.63	13.75	6.80	6.57	0.32
11.20	2.19	1.96	0.66	13.80	6.82	6.59	0.31
11.25	2.23	2.01	0.70	13.85	6.84	6.61	0.31
11.30	2.28	2.05	0.73	13.90	6.86	6.62	0.30
11.35	2.33	2.10	0.77	13.95	6.88	6.64	0.30
11.40	2.38	2.16	0.80	14.00	6.90	6.66	0.29
11.45	2.44	2.21	0.83	14.05	6.92	6.68	0.29
11.50	2.49	2.26	0.86	14.10	6.94	6.70	0.28
11.55	2.58	2.35	1.13	14.15	6.95	6.72	0.28
11.60	2.66	2.43	1.31	14.20	6.97	6.73	0.27
11.65	2.75	2.52	1.37	14.25	6.99	6.75	0.27
11.70	2.84	2.61	1.40	14.30	7.01	6.77	0.26
11.75	2.97	2.74	1.70	14.35	7.02	6.78	0.26
11.80	3.09	2.86	1.91	14.40	7.04	6.80	0.25
11.85	3.26	3.03	2.35	14.45	7.05	6.82	0.25
11.90	3.43	3.20	2.66	14.50	7.07	6.83	0.25
11.95	3.73	3.49	3.77	14.55	7.09	6.85	0.24
12.00	4.02	3.79	4.56	14.60	7.10	6.86	0.23
12.05	4.52	4.28	6.37	14.65	7.11	6.88	0.23
12.10	5.01	4.77	7.48	14.70	7.13	6.89	0.22
12.15	5.18	4.94	4.81	14.75	7.14	6.90	0.22
12.20	5.35	5.11	2.88	14.80	7.16	6.92	0.22
12.25	5.47	5.24	2.26	14.85	7.17	6.93	0.21
12.30	5.60	5.36	1.95	14.90	7.18	6.94	0.20
12.35	5.69	5.45	1.63	14.95	7.19	6.96	0.20
12.40	5.78	5.54	1.43	15.00	7.21	6.97	0.19
12.45	5.86	5.62	1.37	15.05	7.22	6.98	0.19
12.50	5.95	5.71	1.33	15.10	7.23	6.99	0.19
12.55	6.00	5.76	1.06	15.15	7.24	7.00	0.18
12.60	6.06	5.82	0.88	15.20	7.25	7.02	0.18
12.65	6.11	5.87	0.83	15.25	7.27	7.03	0.18
12.70	6.16	5.92	0.81	15.30	7.28	7.04	0.18
12.75	6.21	5.97	0.77	15.35	7.29	7.05	0.18
12.80	6.25	6.02	0.74	15.40	7.30	7.06	0.18
12.85	6.30	6.06	0.70	15.45	7.31	7.07	0.18
12.90	6.34	6.10	0.67	15.50	7.32	7.08	0.17
12.95	6.38	6.14	0.62	15.55	7.33	7.09	0.17

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.17	18.20	7.80	7.56	0.11
15.65	7.36	7.12	0.17	18.25	7.80	7.57	0.11
15.70	7.37	7.13	0.17	18.30	7.81	7.57	0.10
15.75	7.38	7.14	0.17	18.35	7.82	7.58	0.10
15.80	7.39	7.15	0.17	18.40	7.82	7.59	0.10
15.85	7.40	7.16	0.17	18.45	7.83	7.59	0.10
15.90	7.41	7.17	0.16	18.50	7.84	7.60	0.10
15.95	7.42	7.18	0.16	18.55	7.84	7.61	0.10
16.00	7.43	7.19	0.16	18.60	7.85	7.61	0.10
16.05	7.44	7.20	0.16	18.65	7.86	7.62	0.10
16.10	7.45	7.21	0.16	18.70	7.86	7.62	0.10
16.15	7.46	7.22	0.16	18.75	7.87	7.63	0.10
16.20	7.47	7.23	0.16	18.80	7.88	7.64	0.10
16.25	7.48	7.24	0.15	18.85	7.88	7.64	0.10
16.30	7.49	7.25	0.15	18.90	7.89	7.65	0.10
16.35	7.50	7.26	0.15	18.95	7.90	7.66	0.10
16.40	7.51	7.27	0.15	19.00	7.90	7.66	0.10
16.45	7.52	7.28	0.15	19.05	7.91	7.67	0.10
16.50	7.53	7.29	0.15	19.10	7.92	7.68	0.10
16.55	7.54	7.30	0.15	19.15	7.92	7.68	0.10
16.60	7.55	7.31	0.15	19.20	7.93	7.69	0.10
16.65	7.55	7.32	0.14	19.25	7.93	7.70	0.10
16.70	7.56	7.32	0.14	19.30	7.94	7.70	0.10
16.75	7.57	7.33	0.14	19.35	7.95	7.71	0.10
16.80	7.58	7.34	0.14	19.40	7.95	7.71	0.10
16.85	7.59	7.35	0.14	19.45	7.96	7.72	0.10
16.90	7.60	7.36	0.14	19.50	7.97	7.73	0.10
16.95	7.61	7.37	0.14	19.55	7.97	7.73	0.10
17.00	7.62	7.38	0.14	19.60	7.98	7.74	0.10
17.05	7.63	7.39	0.13	19.65	7.98	7.74	0.10
17.10	7.63	7.39	0.13	19.70	7.99	7.75	0.10
17.15	7.64	7.40	0.13	19.75	8.00	7.76	0.10
17.20	7.65	7.41	0.13	19.80	8.00	7.76	0.10
17.25	7.66	7.42	0.13	19.85	8.01	7.77	0.09
17.30	7.67	7.43	0.13	19.90	8.01	7.78	0.09
17.35	7.67	7.43	0.13	19.95	8.02	7.78	0.09
17.40	7.68	7.44	0.12	20.00	8.03	7.79	0.09
17.45	7.69	7.45	0.12	20.05	8.03	7.79	0.09
17.50	7.70	7.46	0.12	20.10	8.04	7.80	0.09
17.55	7.71	7.47	0.12	20.15	8.04	7.80	0.09
17.60	7.71	7.47	0.12	20.20	8.05	7.81	0.09
17.65	7.72	7.48	0.12	20.25	8.06	7.82	0.09
17.70	7.73	7.49	0.12	20.30	8.06	7.82	0.09
17.75	7.74	7.50	0.12	20.35	8.07	7.83	0.09
17.80	7.74	7.50	0.11	20.40	8.07	7.83	0.09
17.85	7.75	7.51	0.11	20.45	8.08	7.84	0.09
17.90	7.76	7.52	0.11	20.50	8.09	7.85	0.09
17.95	7.76	7.52	0.11	20.55	8.09	7.85	0.09
18.00	7.77	7.53	0.11	20.60	8.10	7.86	0.09
18.05	7.78	7.54	0.11	20.65	8.10	7.86	0.09
18.10	7.78	7.55	0.11	20.70	8.11	7.87	0.09
18.15	7.79	7.55	0.11	20.75	8.11	7.87	0.09

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.09	23.40	8.38	8.14	0.07
20.85	8.13	7.89	0.09	23.45	8.39	8.15	0.07
20.90	8.13	7.89	0.09	23.50	8.39	8.15	0.07
20.95	8.14	7.90	0.09	23.55	8.40	8.16	0.07
21.00	8.14	7.90	0.09	23.60	8.40	8.16	0.07
21.05	8.15	7.91	0.09	23.65	8.41	8.17	0.07
21.10	8.15	7.91	0.09	23.70	8.41	8.17	0.07
21.15	8.16	7.92	0.09	23.75	8.42	8.18	0.07
21.20	8.16	7.92	0.09	23.80	8.42	8.18	0.07
21.25	8.17	7.93	0.09	23.85	8.42	8.18	0.07
21.30	8.18	7.94	0.09	23.90	8.43	8.19	0.07
21.35	8.18	7.94	0.09	23.95	8.43	8.19	0.08
21.40	8.19	7.95	0.08	24.00	8.44	8.20	0.08
21.45	8.19	7.95	0.08	24.05	8.44	8.20	0.04
21.50	8.20	7.96	0.08	24.10	8.44	8.20	0.00
21.55	8.20	7.96	0.08	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.08	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.08	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.08	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.08	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.08	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.08	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.08	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.08	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.08	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.08	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.08	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.08	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.08	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.08	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.08	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.08	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.08	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.08	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.08	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.08	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.08	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.08	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.08	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.08	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.08	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.07	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.07	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.07	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.07	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.07	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.07	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.07	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.07	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.07	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.07	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.07	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 48I: PDA-48 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 48P: PDA-48 (pervious)

Runoff = 8.53 cfs @ 12.18 hrs, Volume= 0.660 af, Depth= 5.32"
 Routed to Pond B-48 : Basin #48

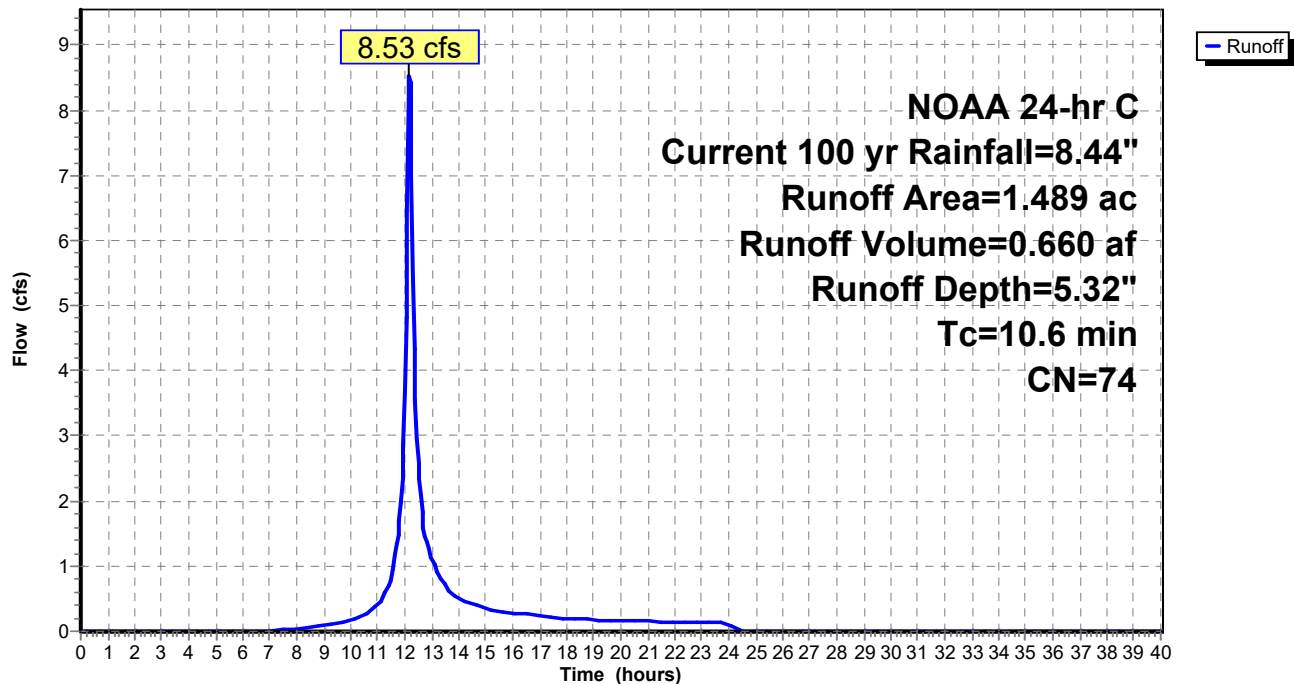
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.489	74	>75% Grass cover, Good, HSG C
1.489		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.6					Direct Entry,

Subcatchment 48P: PDA-48 (pervious)

Hydrograph



Hydrograph for Subcatchment 48P: PDA-48 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.04
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.05
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.05
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.05
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.05
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.06
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.06
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.06
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.06
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.07
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.07
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.07
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.07
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.08
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.08
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.08
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.08
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.09
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.09
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.09
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.10
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.10
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.11
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.11
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.11
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.12
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.12
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.13
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.13
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.14
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.14
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.15
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.16
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.16
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.17
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.17
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.18
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.18
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.19
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.20
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.20
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.21
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.22

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.22	13.00	6.41	3.54	1.10
10.45	1.72	0.23	0.23	13.05	6.45	3.57	1.05
10.50	1.74	0.24	0.24	13.10	6.48	3.59	0.99
10.55	1.76	0.25	0.25	13.15	6.51	3.62	0.93
10.60	1.79	0.26	0.26	13.20	6.54	3.65	0.89
10.65	1.81	0.27	0.27	13.25	6.57	3.67	0.85
10.70	1.84	0.28	0.29	13.30	6.60	3.70	0.81
10.75	1.87	0.29	0.31	13.35	6.63	3.72	0.78
10.80	1.90	0.30	0.33	13.40	6.65	3.74	0.75
10.85	1.93	0.32	0.35	13.45	6.68	3.76	0.72
10.90	1.96	0.33	0.37	13.50	6.70	3.78	0.69
10.95	1.99	0.35	0.39	13.55	6.72	3.80	0.65
11.00	2.03	0.36	0.41	13.60	6.74	3.82	0.62
11.05	2.06	0.38	0.44	13.65	6.76	3.84	0.59
11.10	2.10	0.40	0.47	13.70	6.78	3.85	0.57
11.15	2.14	0.42	0.50	13.75	6.80	3.87	0.56
11.20	2.19	0.44	0.54	13.80	6.82	3.89	0.54
11.25	2.23	0.46	0.58	13.85	6.84	3.91	0.53
11.30	2.28	0.49	0.63	13.90	6.86	3.92	0.52
11.35	2.33	0.52	0.67	13.95	6.88	3.94	0.52
11.40	2.38	0.54	0.72	14.00	6.90	3.96	0.51
11.45	2.44	0.57	0.76	14.05	6.92	3.97	0.50
11.50	2.49	0.60	0.81	14.10	6.94	3.99	0.49
11.55	2.58	0.65	0.87	14.15	6.95	4.00	0.48
11.60	2.66	0.70	0.99	14.20	6.97	4.02	0.48
11.65	2.75	0.76	1.18	14.25	6.99	4.03	0.47
11.70	2.84	0.81	1.35	14.30	7.01	4.05	0.46
11.75	2.97	0.89	1.49	14.35	7.02	4.06	0.45
11.80	3.09	0.97	1.69	14.40	7.04	4.08	0.44
11.85	3.26	1.08	1.96	14.45	7.05	4.09	0.44
11.90	3.43	1.19	2.34	14.50	7.07	4.10	0.43
11.95	3.73	1.40	2.85	14.55	7.09	4.12	0.42
12.00	4.02	1.61	3.65	14.60	7.10	4.13	0.41
12.05	4.52	1.98	4.82	14.65	7.11	4.14	0.40
12.10	5.01	2.37	6.47	14.70	7.13	4.15	0.40
12.15	5.18	2.51	8.19	14.75	7.14	4.17	0.39
12.20	5.35	2.65	8.42	14.80	7.16	4.18	0.38
12.25	5.47	2.75	7.03	14.85	7.17	4.19	0.37
12.30	5.60	2.85	5.44	14.90	7.18	4.20	0.36
12.35	5.69	2.92	4.32	14.95	7.19	4.21	0.35
12.40	5.78	3.00	3.54	15.00	7.21	4.22	0.35
12.45	5.86	3.07	2.97	15.05	7.22	4.23	0.34
12.50	5.95	3.14	2.59	15.10	7.23	4.24	0.33
12.55	6.00	3.19	2.35	15.15	7.24	4.25	0.32
12.60	6.06	3.23	2.10	15.20	7.25	4.26	0.32
12.65	6.11	3.28	1.82	15.25	7.27	4.27	0.31
12.70	6.16	3.32	1.59	15.30	7.28	4.28	0.31
12.75	6.21	3.36	1.45	15.35	7.29	4.29	0.31
12.80	6.25	3.40	1.36	15.40	7.30	4.30	0.30
12.85	6.30	3.44	1.29	15.45	7.31	4.31	0.30
12.90	6.34	3.47	1.22	15.50	7.32	4.32	0.30
12.95	6.38	3.50	1.16	15.55	7.33	4.33	0.30

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.30	18.20	7.80	4.75	0.18
15.65	7.36	4.35	0.29	18.25	7.80	4.75	0.18
15.70	7.37	4.36	0.29	18.30	7.81	4.76	0.18
15.75	7.38	4.37	0.29	18.35	7.82	4.76	0.18
15.80	7.39	4.38	0.29	18.40	7.82	4.77	0.18
15.85	7.40	4.39	0.28	18.45	7.83	4.78	0.18
15.90	7.41	4.40	0.28	18.50	7.84	4.78	0.18
15.95	7.42	4.41	0.28	18.55	7.84	4.79	0.18
16.00	7.43	4.42	0.28	18.60	7.85	4.79	0.18
16.05	7.44	4.43	0.28	18.65	7.86	4.80	0.18
16.10	7.45	4.44	0.27	18.70	7.86	4.80	0.18
16.15	7.46	4.44	0.27	18.75	7.87	4.81	0.18
16.20	7.47	4.45	0.27	18.80	7.88	4.82	0.18
16.25	7.48	4.46	0.27	18.85	7.88	4.82	0.17
16.30	7.49	4.47	0.27	18.90	7.89	4.83	0.17
16.35	7.50	4.48	0.26	18.95	7.90	4.83	0.17
16.40	7.51	4.49	0.26	19.00	7.90	4.84	0.17
16.45	7.52	4.50	0.26	19.05	7.91	4.84	0.17
16.50	7.53	4.50	0.26	19.10	7.92	4.85	0.17
16.55	7.54	4.51	0.25	19.15	7.92	4.86	0.17
16.60	7.55	4.52	0.25	19.20	7.93	4.86	0.17
16.65	7.55	4.53	0.25	19.25	7.93	4.87	0.17
16.70	7.56	4.54	0.25	19.30	7.94	4.87	0.17
16.75	7.57	4.55	0.25	19.35	7.95	4.88	0.17
16.80	7.58	4.55	0.24	19.40	7.95	4.88	0.17
16.85	7.59	4.56	0.24	19.45	7.96	4.89	0.17
16.90	7.60	4.57	0.24	19.50	7.97	4.90	0.17
16.95	7.61	4.58	0.24	19.55	7.97	4.90	0.17
17.00	7.62	4.58	0.23	19.60	7.98	4.91	0.17
17.05	7.63	4.59	0.23	19.65	7.98	4.91	0.17
17.10	7.63	4.60	0.23	19.70	7.99	4.92	0.17
17.15	7.64	4.61	0.23	19.75	8.00	4.92	0.17
17.20	7.65	4.61	0.23	19.80	8.00	4.93	0.16
17.25	7.66	4.62	0.22	19.85	8.01	4.93	0.16
17.30	7.67	4.63	0.22	19.90	8.01	4.94	0.16
17.35	7.67	4.64	0.22	19.95	8.02	4.94	0.16
17.40	7.68	4.64	0.22	20.00	8.03	4.95	0.16
17.45	7.69	4.65	0.22	20.05	8.03	4.96	0.16
17.50	7.70	4.66	0.21	20.10	8.04	4.96	0.16
17.55	7.71	4.66	0.21	20.15	8.04	4.97	0.16
17.60	7.71	4.67	0.21	20.20	8.05	4.97	0.16
17.65	7.72	4.68	0.21	20.25	8.06	4.98	0.16
17.70	7.73	4.68	0.20	20.30	8.06	4.98	0.16
17.75	7.74	4.69	0.20	20.35	8.07	4.99	0.16
17.80	7.74	4.70	0.20	20.40	8.07	4.99	0.16
17.85	7.75	4.70	0.20	20.45	8.08	5.00	0.16
17.90	7.76	4.71	0.20	20.50	8.09	5.00	0.16
17.95	7.76	4.72	0.19	20.55	8.09	5.01	0.16
18.00	7.77	4.72	0.19	20.60	8.10	5.01	0.16
18.05	7.78	4.73	0.19	20.65	8.10	5.02	0.16
18.10	7.78	4.73	0.19	20.70	8.11	5.02	0.16
18.15	7.79	4.74	0.18	20.75	8.11	5.03	0.15

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.15	23.40	8.38	5.27	0.12
20.85	8.13	5.04	0.15	23.45	8.39	5.28	0.12
20.90	8.13	5.04	0.15	23.50	8.39	5.28	0.12
20.95	8.14	5.05	0.15	23.55	8.40	5.28	0.12
21.00	8.14	5.05	0.15	23.60	8.40	5.29	0.12
21.05	8.15	5.06	0.15	23.65	8.41	5.29	0.12
21.10	8.15	5.06	0.15	23.70	8.41	5.30	0.12
21.15	8.16	5.07	0.15	23.75	8.42	5.30	0.12
21.20	8.16	5.07	0.15	23.80	8.42	5.30	0.12
21.25	8.17	5.08	0.15	23.85	8.42	5.31	0.12
21.30	8.18	5.08	0.15	23.90	8.43	5.31	0.12
21.35	8.18	5.09	0.15	23.95	8.43	5.32	0.12
21.40	8.19	5.09	0.15	24.00	8.44	5.32	0.12
21.45	8.19	5.10	0.15	24.05	8.44	5.32	0.13
21.50	8.20	5.10	0.15	24.10	8.44	5.32	0.11
21.55	8.20	5.11	0.15	24.15	8.44	5.32	0.07
21.60	8.21	5.11	0.14	24.20	8.44	5.32	0.04
21.65	8.21	5.12	0.14	24.25	8.44	5.32	0.02
21.70	8.22	5.12	0.14	24.30	8.44	5.32	0.01
21.75	8.22	5.13	0.14	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.14	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.14	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.14	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.14	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.14	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.14	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.14	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.14	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.14	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.14	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.14	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.14	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.14	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.14	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.13	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.13	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.13	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.13	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.13	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.13	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.13	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.13	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.13	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.13	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.13	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.13	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.13	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.13	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.13	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.13	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.13	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.13	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 48P: PDA-48 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 49I: PDA-49 (impervious)

Runoff = 8.48 cfs @ 12.10 hrs, Volume= 0.624 af, Depth= 8.20"
 Routed to Pond B-49 : Basin #49

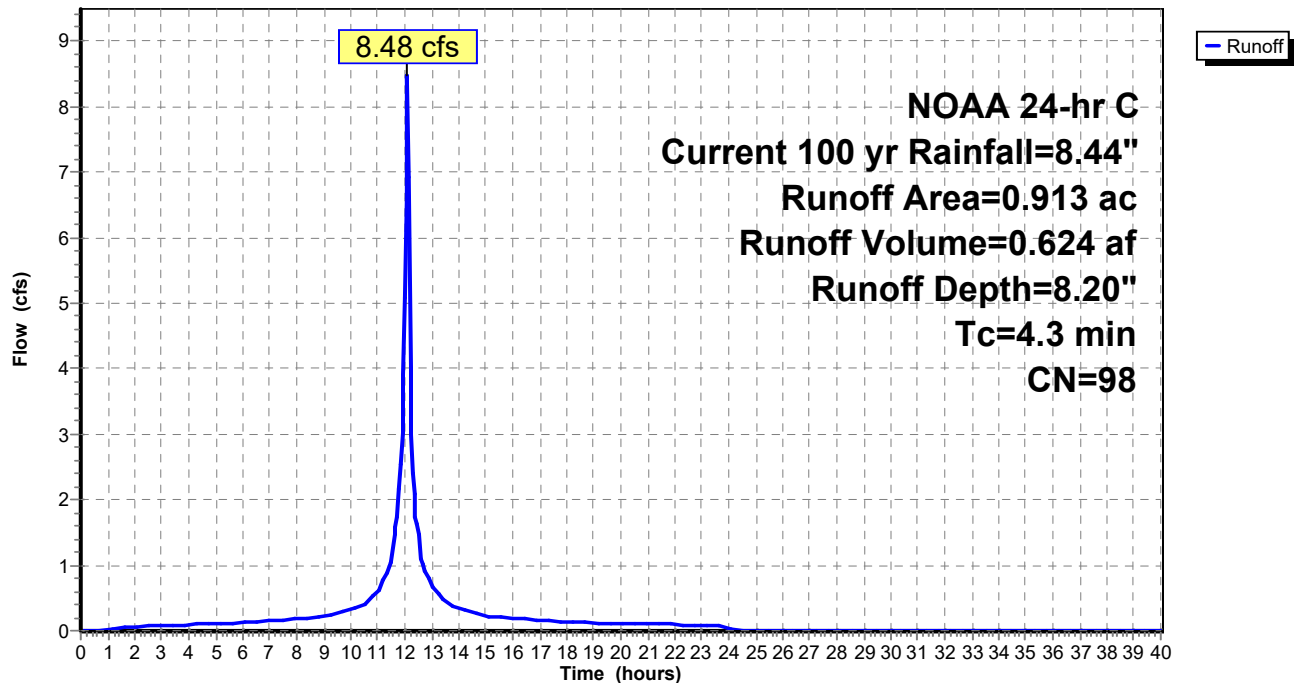
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.434	98	Pavement, HSG C
* 0.418	98	Roof, HSG C
* 0.061	98	Concrete, HSG C
0.913	98	Weighted Average
0.913		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3					Direct Entry,

Subcatchment 49I: PDA-49 (impervious)

Hydrograph



Hydrograph for Subcatchment 49I: PDA-49 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.07
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.08
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.08
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.08
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.08
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.08
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.08
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.08
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.08
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.08
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.08
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.08
0.60	0.06	0.00	0.01	3.20	0.32	0.16	0.08
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.08
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.09
0.75	0.07	0.00	0.02	3.35	0.34	0.18	0.09
0.80	0.07	0.00	0.02	3.40	0.34	0.18	0.09
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.09
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.09
0.95	0.09	0.01	0.03	3.55	0.36	0.19	0.09
1.00	0.09	0.01	0.03	3.60	0.37	0.20	0.09
1.05	0.10	0.01	0.03	3.65	0.37	0.20	0.09
1.10	0.10	0.01	0.03	3.70	0.38	0.21	0.09
1.15	0.11	0.02	0.04	3.75	0.38	0.21	0.09
1.20	0.11	0.02	0.04	3.80	0.39	0.22	0.09
1.25	0.12	0.02	0.04	3.85	0.40	0.22	0.09
1.30	0.12	0.02	0.04	3.90	0.40	0.23	0.09
1.35	0.13	0.02	0.04	3.95	0.41	0.24	0.09
1.40	0.13	0.03	0.04	4.00	0.41	0.24	0.10
1.45	0.14	0.03	0.05	4.05	0.42	0.25	0.10
1.50	0.14	0.03	0.05	4.10	0.43	0.25	0.10
1.55	0.15	0.04	0.05	4.15	0.43	0.26	0.10
1.60	0.15	0.04	0.05	4.20	0.44	0.26	0.10
1.65	0.16	0.04	0.05	4.25	0.44	0.27	0.10
1.70	0.16	0.04	0.05	4.30	0.45	0.27	0.10
1.75	0.17	0.05	0.05	4.35	0.46	0.28	0.10
1.80	0.17	0.05	0.06	4.40	0.46	0.28	0.10
1.85	0.18	0.05	0.06	4.45	0.47	0.29	0.10
1.90	0.18	0.06	0.06	4.50	0.47	0.29	0.10
1.95	0.19	0.06	0.06	4.55	0.48	0.30	0.10
2.00	0.19	0.06	0.06	4.60	0.49	0.31	0.10
2.05	0.20	0.07	0.06	4.65	0.49	0.31	0.10
2.10	0.20	0.07	0.06	4.70	0.50	0.32	0.10
2.15	0.21	0.07	0.06	4.75	0.51	0.32	0.10
2.20	0.21	0.08	0.07	4.80	0.51	0.33	0.10
2.25	0.22	0.08	0.07	4.85	0.52	0.33	0.11
2.30	0.22	0.09	0.07	4.90	0.52	0.34	0.11
2.35	0.23	0.09	0.07	4.95	0.53	0.35	0.11
2.40	0.23	0.09	0.07	5.00	0.54	0.35	0.11
2.45	0.24	0.10	0.07	5.05	0.54	0.36	0.11
2.50	0.24	0.10	0.07	5.10	0.55	0.36	0.11
2.55	0.25	0.10	0.07	5.15	0.56	0.37	0.11

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.11	7.80	0.97	0.76	0.17
5.25	0.57	0.38	0.11	7.85	0.98	0.77	0.18
5.30	0.58	0.39	0.11	7.90	0.99	0.78	0.18
5.35	0.58	0.39	0.11	7.95	1.00	0.79	0.18
5.40	0.59	0.40	0.11	8.00	1.01	0.80	0.18
5.45	0.60	0.41	0.11	8.05	1.02	0.81	0.18
5.50	0.60	0.41	0.11	8.10	1.03	0.82	0.18
5.55	0.61	0.42	0.11	8.15	1.04	0.83	0.19
5.60	0.62	0.42	0.11	8.20	1.05	0.84	0.19
5.65	0.62	0.43	0.11	8.25	1.06	0.85	0.19
5.70	0.63	0.44	0.11	8.30	1.07	0.86	0.19
5.75	0.64	0.44	0.11	8.35	1.08	0.87	0.19
5.80	0.64	0.45	0.12	8.40	1.10	0.88	0.19
5.85	0.65	0.45	0.12	8.45	1.11	0.89	0.19
5.90	0.66	0.46	0.12	8.50	1.12	0.91	0.20
5.95	0.66	0.47	0.12	8.55	1.13	0.92	0.20
6.00	0.67	0.47	0.12	8.60	1.14	0.93	0.20
6.05	0.68	0.48	0.12	8.65	1.15	0.94	0.20
6.10	0.68	0.49	0.12	8.70	1.16	0.95	0.20
6.15	0.69	0.49	0.12	8.75	1.17	0.96	0.20
6.20	0.70	0.50	0.12	8.80	1.19	0.97	0.21
6.25	0.70	0.51	0.12	8.85	1.20	0.98	0.21
6.30	0.71	0.51	0.13	8.90	1.21	0.99	0.21
6.35	0.72	0.52	0.13	8.95	1.22	1.01	0.21
6.40	0.73	0.53	0.13	9.00	1.23	1.02	0.21
6.45	0.73	0.54	0.13	9.05	1.25	1.03	0.22
6.50	0.74	0.54	0.13	9.10	1.26	1.04	0.22
6.55	0.75	0.55	0.13	9.15	1.27	1.05	0.23
6.60	0.76	0.56	0.14	9.20	1.28	1.07	0.23
6.65	0.77	0.57	0.14	9.25	1.30	1.08	0.24
6.70	0.77	0.57	0.14	9.30	1.31	1.09	0.25
6.75	0.78	0.58	0.14	9.35	1.33	1.11	0.25
6.80	0.79	0.59	0.14	9.40	1.34	1.12	0.26
6.85	0.80	0.60	0.14	9.45	1.35	1.14	0.26
6.90	0.81	0.60	0.15	9.50	1.37	1.15	0.27
6.95	0.81	0.61	0.15	9.55	1.39	1.17	0.27
7.00	0.82	0.62	0.15	9.60	1.40	1.18	0.28
7.05	0.83	0.63	0.15	9.65	1.42	1.20	0.29
7.10	0.84	0.64	0.15	9.70	1.43	1.21	0.29
7.15	0.85	0.65	0.15	9.75	1.45	1.23	0.30
7.20	0.86	0.65	0.16	9.80	1.47	1.25	0.30
7.25	0.87	0.66	0.16	9.85	1.49	1.27	0.31
7.30	0.88	0.67	0.16	9.90	1.50	1.28	0.32
7.35	0.89	0.68	0.16	9.95	1.52	1.30	0.32
7.40	0.89	0.69	0.16	10.00	1.54	1.32	0.33
7.45	0.90	0.70	0.16	10.05	1.56	1.34	0.33
7.50	0.91	0.71	0.16	10.10	1.58	1.36	0.34
7.55	0.92	0.72	0.17	10.15	1.60	1.37	0.34
7.60	0.93	0.73	0.17	10.20	1.62	1.39	0.35
7.65	0.94	0.73	0.17	10.25	1.64	1.41	0.36
7.70	0.95	0.74	0.17	10.30	1.66	1.43	0.36
7.75	0.96	0.75	0.17	10.35	1.68	1.45	0.37

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.37	13.00	6.41	6.18	0.71
10.45	1.72	1.50	0.38	13.05	6.45	6.21	0.67
10.50	1.74	1.52	0.39	13.10	6.48	6.24	0.63
10.55	1.76	1.54	0.40	13.15	6.51	6.27	0.60
10.60	1.79	1.56	0.43	13.20	6.54	6.30	0.58
10.65	1.81	1.59	0.45	13.25	6.57	6.33	0.56
10.70	1.84	1.62	0.47	13.30	6.60	6.36	0.53
10.75	1.87	1.64	0.49	13.35	6.63	6.39	0.51
10.80	1.90	1.67	0.51	13.40	6.65	6.41	0.49
10.85	1.93	1.70	0.54	13.45	6.68	6.44	0.47
10.90	1.96	1.73	0.56	13.50	6.70	6.46	0.44
10.95	1.99	1.77	0.58	13.55	6.72	6.48	0.42
11.00	2.03	1.80	0.60	13.60	6.74	6.50	0.40
11.05	2.06	1.84	0.64	13.65	6.76	6.53	0.39
11.10	2.10	1.87	0.68	13.70	6.78	6.55	0.38
11.15	2.14	1.92	0.72	13.75	6.80	6.57	0.38
11.20	2.19	1.96	0.76	13.80	6.82	6.59	0.37
11.25	2.23	2.01	0.80	13.85	6.84	6.61	0.37
11.30	2.28	2.05	0.85	13.90	6.86	6.62	0.36
11.35	2.33	2.10	0.89	13.95	6.88	6.64	0.35
11.40	2.38	2.16	0.93	14.00	6.90	6.66	0.35
11.45	2.44	2.21	0.96	14.05	6.92	6.68	0.34
11.50	2.49	2.26	1.00	14.10	6.94	6.70	0.34
11.55	2.58	2.35	1.20	14.15	6.95	6.72	0.33
11.60	2.66	2.43	1.48	14.20	6.97	6.73	0.32
11.65	2.75	2.52	1.58	14.25	6.99	6.75	0.32
11.70	2.84	2.61	1.63	14.30	7.01	6.77	0.31
11.75	2.97	2.74	1.85	14.35	7.02	6.78	0.31
11.80	3.09	2.86	2.17	14.40	7.04	6.80	0.30
11.85	3.26	3.03	2.54	14.45	7.05	6.82	0.30
11.90	3.43	3.20	3.02	14.50	7.07	6.83	0.29
11.95	3.73	3.49	3.90	14.55	7.09	6.85	0.28
12.00	4.02	3.79	5.09	14.60	7.10	6.86	0.28
12.05	4.52	4.28	6.61	14.65	7.11	6.88	0.27
12.10	5.01	4.77	8.47	14.70	7.13	6.89	0.27
12.15	5.18	4.94	6.92	14.75	7.14	6.90	0.26
12.20	5.35	5.11	4.00	14.80	7.16	6.92	0.25
12.25	5.47	5.24	2.99	14.85	7.17	6.93	0.25
12.30	5.60	5.36	2.41	14.90	7.18	6.94	0.24
12.35	5.69	5.45	2.08	14.95	7.19	6.96	0.24
12.40	5.78	5.54	1.75	15.00	7.21	6.97	0.23
12.45	5.86	5.62	1.64	15.05	7.22	6.98	0.23
12.50	5.95	5.71	1.58	15.10	7.23	6.99	0.22
12.55	6.00	5.76	1.38	15.15	7.24	7.00	0.22
12.60	6.06	5.82	1.10	15.20	7.25	7.02	0.21
12.65	6.11	5.87	1.01	15.25	7.27	7.03	0.21
12.70	6.16	5.92	0.96	15.30	7.28	7.04	0.21
12.75	6.21	5.97	0.92	15.35	7.29	7.05	0.21
12.80	6.25	6.02	0.88	15.40	7.30	7.06	0.21
12.85	6.30	6.06	0.84	15.45	7.31	7.07	0.21
12.90	6.34	6.10	0.79	15.50	7.32	7.08	0.21
12.95	6.38	6.14	0.76	15.55	7.33	7.09	0.20

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.20	18.20	7.80	7.56	0.12
15.65	7.36	7.12	0.20	18.25	7.80	7.57	0.12
15.70	7.37	7.13	0.20	18.30	7.81	7.57	0.12
15.75	7.38	7.14	0.20	18.35	7.82	7.58	0.12
15.80	7.39	7.15	0.20	18.40	7.82	7.59	0.12
15.85	7.40	7.16	0.19	18.45	7.83	7.59	0.12
15.90	7.41	7.17	0.19	18.50	7.84	7.60	0.12
15.95	7.42	7.18	0.19	18.55	7.84	7.61	0.12
16.00	7.43	7.19	0.19	18.60	7.85	7.61	0.12
16.05	7.44	7.20	0.19	18.65	7.86	7.62	0.12
16.10	7.45	7.21	0.19	18.70	7.86	7.62	0.12
16.15	7.46	7.22	0.19	18.75	7.87	7.63	0.12
16.20	7.47	7.23	0.18	18.80	7.88	7.64	0.12
16.25	7.48	7.24	0.18	18.85	7.88	7.64	0.12
16.30	7.49	7.25	0.18	18.90	7.89	7.65	0.12
16.35	7.50	7.26	0.18	18.95	7.90	7.66	0.12
16.40	7.51	7.27	0.18	19.00	7.90	7.66	0.12
16.45	7.52	7.28	0.18	19.05	7.91	7.67	0.12
16.50	7.53	7.29	0.17	19.10	7.92	7.68	0.12
16.55	7.54	7.30	0.17	19.15	7.92	7.68	0.12
16.60	7.55	7.31	0.17	19.20	7.93	7.69	0.12
16.65	7.55	7.32	0.17	19.25	7.93	7.70	0.12
16.70	7.56	7.32	0.17	19.30	7.94	7.70	0.12
16.75	7.57	7.33	0.17	19.35	7.95	7.71	0.12
16.80	7.58	7.34	0.17	19.40	7.95	7.71	0.12
16.85	7.59	7.35	0.16	19.45	7.96	7.72	0.11
16.90	7.60	7.36	0.16	19.50	7.97	7.73	0.11
16.95	7.61	7.37	0.16	19.55	7.97	7.73	0.11
17.00	7.62	7.38	0.16	19.60	7.98	7.74	0.11
17.05	7.63	7.39	0.16	19.65	7.98	7.74	0.11
17.10	7.63	7.39	0.16	19.70	7.99	7.75	0.11
17.15	7.64	7.40	0.16	19.75	8.00	7.76	0.11
17.20	7.65	7.41	0.15	19.80	8.00	7.76	0.11
17.25	7.66	7.42	0.15	19.85	8.01	7.77	0.11
17.30	7.67	7.43	0.15	19.90	8.01	7.78	0.11
17.35	7.67	7.43	0.15	19.95	8.02	7.78	0.11
17.40	7.68	7.44	0.15	20.00	8.03	7.79	0.11
17.45	7.69	7.45	0.15	20.05	8.03	7.79	0.11
17.50	7.70	7.46	0.14	20.10	8.04	7.80	0.11
17.55	7.71	7.47	0.14	20.15	8.04	7.80	0.11
17.60	7.71	7.47	0.14	20.20	8.05	7.81	0.11
17.65	7.72	7.48	0.14	20.25	8.06	7.82	0.11
17.70	7.73	7.49	0.14	20.30	8.06	7.82	0.11
17.75	7.74	7.50	0.14	20.35	8.07	7.83	0.11
17.80	7.74	7.50	0.13	20.40	8.07	7.83	0.11
17.85	7.75	7.51	0.13	20.45	8.08	7.84	0.11
17.90	7.76	7.52	0.13	20.50	8.09	7.85	0.11
17.95	7.76	7.52	0.13	20.55	8.09	7.85	0.11
18.00	7.77	7.53	0.13	20.60	8.10	7.86	0.11
18.05	7.78	7.54	0.13	20.65	8.10	7.86	0.11
18.10	7.78	7.55	0.13	20.70	8.11	7.87	0.11
18.15	7.79	7.55	0.12	20.75	8.11	7.87	0.10

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.10	23.40	8.38	8.14	0.08
20.85	8.13	7.89	0.10	23.45	8.39	8.15	0.08
20.90	8.13	7.89	0.10	23.50	8.39	8.15	0.08
20.95	8.14	7.90	0.10	23.55	8.40	8.16	0.08
21.00	8.14	7.90	0.10	23.60	8.40	8.16	0.08
21.05	8.15	7.91	0.10	23.65	8.41	8.17	0.08
21.10	8.15	7.91	0.10	23.70	8.41	8.17	0.08
21.15	8.16	7.92	0.10	23.75	8.42	8.18	0.08
21.20	8.16	7.92	0.10	23.80	8.42	8.18	0.08
21.25	8.17	7.93	0.10	23.85	8.42	8.18	0.08
21.30	8.18	7.94	0.10	23.90	8.43	8.19	0.08
21.35	8.18	7.94	0.10	23.95	8.43	8.19	0.09
21.40	8.19	7.95	0.10	24.00	8.44	8.20	0.10
21.45	8.19	7.95	0.10	24.05	8.44	8.20	0.06
21.50	8.20	7.96	0.10	24.10	8.44	8.20	0.01
21.55	8.20	7.96	0.10	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.10	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.10	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.10	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.10	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.10	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.10	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.10	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.10	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.09	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.09	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.09	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.09	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.09	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.09	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.09	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.09	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.09	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.09	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.09	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.09	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.09	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.09	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.09	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.09	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.09	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.09	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.09	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.09	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.09	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.09	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.09	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.09	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.09	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.09	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.08	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.08	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 49I: PDA-49 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 49P: PDA-49 (pervious)

Runoff = 7.86 cfs @ 12.13 hrs, Volume= 0.522 af, Depth= 5.32"
 Routed to Pond B-49 : Basin #49

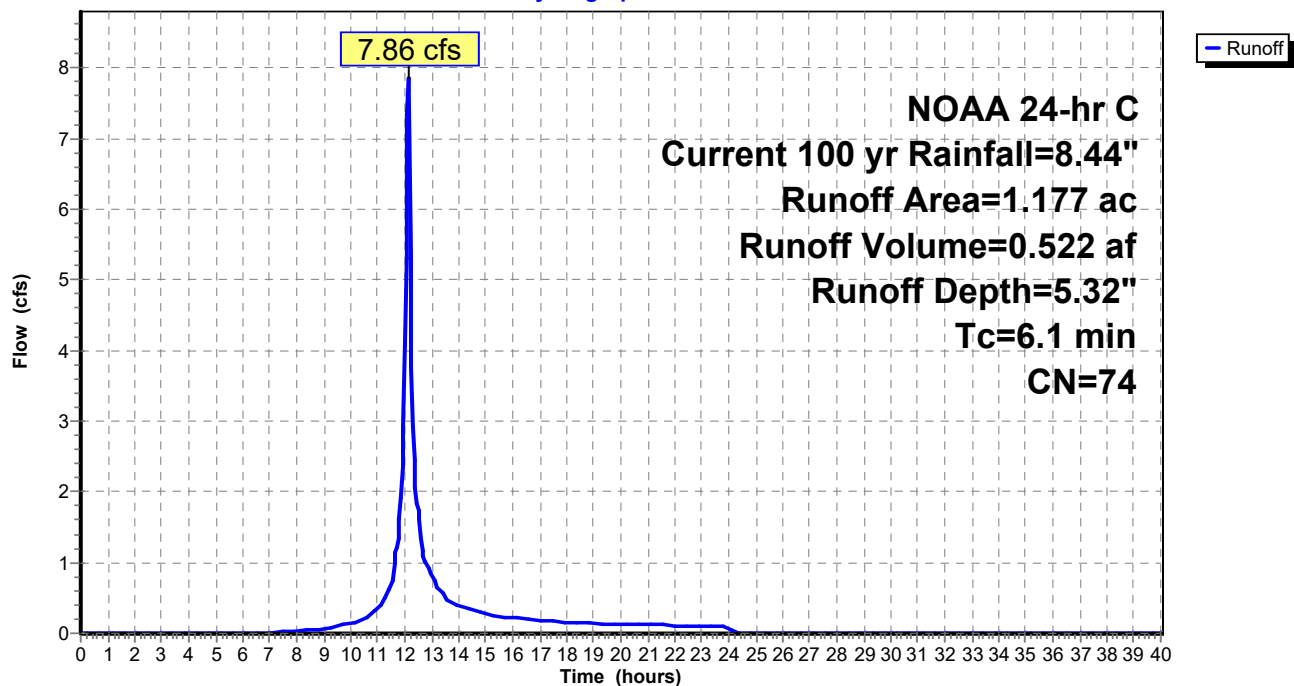
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.177	74	>75% Grass cover, Good, HSG C
1.177		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 49P: PDA-49 (pervious)

Hydrograph



Hydrograph for Subcatchment 49P: PDA-49 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.03
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.03
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.03
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.03
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.04
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.04
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.04
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.04
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.04
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.04
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.04
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.04
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.05
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.05
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.05
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.05
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.05
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.05
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.06
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.06
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.06
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.06
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.06
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.06
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.07
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.07
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.07
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.07
6.60	0.76	0.00	0.00	9.20	1.28	0.08	0.08
6.65	0.77	0.00	0.00	9.25	1.30	0.09	0.08
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.08
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.09
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.09
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.10
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.10
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.10
7.00	0.82	0.00	0.01	9.60	1.40	0.12	0.11
7.05	0.83	0.00	0.01	9.65	1.42	0.12	0.11
7.10	0.84	0.01	0.01	9.70	1.43	0.13	0.12
7.15	0.85	0.01	0.01	9.75	1.45	0.13	0.12
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.12
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.13
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.13
7.35	0.89	0.01	0.02	9.95	1.52	0.15	0.14
7.40	0.89	0.01	0.02	10.00	1.54	0.16	0.14
7.45	0.90	0.01	0.02	10.05	1.56	0.17	0.15
7.50	0.91	0.01	0.02	10.10	1.58	0.17	0.15
7.55	0.92	0.01	0.02	10.15	1.60	0.18	0.16
7.60	0.93	0.01	0.02	10.20	1.62	0.19	0.16
7.65	0.94	0.02	0.03	10.25	1.64	0.20	0.17
7.70	0.95	0.02	0.03	10.30	1.66	0.20	0.17
7.75	0.96	0.02	0.03	10.35	1.68	0.21	0.18

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.19	13.00	6.41	3.54	0.81
10.45	1.72	0.23	0.19	13.05	6.45	3.57	0.77
10.50	1.74	0.24	0.20	13.10	6.48	3.59	0.72
10.55	1.76	0.25	0.20	13.15	6.51	3.62	0.68
10.60	1.79	0.26	0.22	13.20	6.54	3.65	0.65
10.65	1.81	0.27	0.23	13.25	6.57	3.67	0.63
10.70	1.84	0.28	0.25	13.30	6.60	3.70	0.60
10.75	1.87	0.29	0.26	13.35	6.63	3.72	0.58
10.80	1.90	0.30	0.28	13.40	6.65	3.74	0.56
10.85	1.93	0.32	0.30	13.45	6.68	3.76	0.53
10.90	1.96	0.33	0.32	13.50	6.70	3.78	0.51
10.95	1.99	0.35	0.33	13.55	6.72	3.80	0.49
11.00	2.03	0.36	0.35	13.60	6.74	3.82	0.46
11.05	2.06	0.38	0.37	13.65	6.76	3.84	0.44
11.10	2.10	0.40	0.41	13.70	6.78	3.85	0.43
11.15	2.14	0.42	0.44	13.75	6.80	3.87	0.42
11.20	2.19	0.44	0.47	13.80	6.82	3.89	0.42
11.25	2.23	0.46	0.50	13.85	6.84	3.91	0.41
11.30	2.28	0.49	0.54	13.90	6.86	3.92	0.41
11.35	2.33	0.52	0.58	13.95	6.88	3.94	0.40
11.40	2.38	0.54	0.62	14.00	6.90	3.96	0.39
11.45	2.44	0.57	0.65	14.05	6.92	3.97	0.39
11.50	2.49	0.60	0.69	14.10	6.94	3.99	0.38
11.55	2.58	0.65	0.78	14.15	6.95	4.00	0.37
11.60	2.66	0.70	0.99	14.20	6.97	4.02	0.37
11.65	2.75	0.76	1.13	14.25	6.99	4.03	0.36
11.70	2.84	0.81	1.22	14.30	7.01	4.05	0.35
11.75	2.97	0.89	1.35	14.35	7.02	4.06	0.35
11.80	3.09	0.97	1.62	14.40	7.04	4.08	0.34
11.85	3.26	1.08	1.91	14.45	7.05	4.09	0.34
11.90	3.43	1.19	2.35	14.50	7.07	4.10	0.33
11.95	3.73	1.40	2.93	14.55	7.09	4.12	0.32
12.00	4.02	1.61	4.06	14.60	7.10	4.13	0.32
12.05	4.52	1.98	5.31	14.65	7.11	4.14	0.31
12.10	5.01	2.37	7.33	14.70	7.13	4.15	0.30
12.15	5.18	2.51	7.67	14.75	7.14	4.17	0.30
12.20	5.35	2.65	5.35	14.80	7.16	4.18	0.29
12.25	5.47	2.75	3.78	14.85	7.17	4.19	0.29
12.30	5.60	2.85	2.92	14.90	7.18	4.20	0.28
12.35	5.69	2.92	2.46	14.95	7.19	4.21	0.27
12.40	5.78	3.00	2.05	15.00	7.21	4.22	0.26
12.45	5.86	3.07	1.84	15.05	7.22	4.23	0.26
12.50	5.95	3.14	1.74	15.10	7.23	4.24	0.25
12.55	6.00	3.19	1.62	15.15	7.24	4.25	0.25
12.60	6.06	3.23	1.33	15.20	7.25	4.26	0.24
12.65	6.11	3.28	1.16	15.25	7.27	4.27	0.24
12.70	6.16	3.32	1.08	15.30	7.28	4.28	0.24
12.75	6.21	3.36	1.03	15.35	7.29	4.29	0.24
12.80	6.25	3.40	0.98	15.40	7.30	4.30	0.24
12.85	6.30	3.44	0.94	15.45	7.31	4.31	0.24
12.90	6.34	3.47	0.90	15.50	7.32	4.32	0.23
12.95	6.38	3.50	0.86	15.55	7.33	4.33	0.23

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.23	18.20	7.80	4.75	0.14
15.65	7.36	4.35	0.23	18.25	7.80	4.75	0.14
15.70	7.37	4.36	0.23	18.30	7.81	4.76	0.14
15.75	7.38	4.37	0.23	18.35	7.82	4.76	0.14
15.80	7.39	4.38	0.22	18.40	7.82	4.77	0.14
15.85	7.40	4.39	0.22	18.45	7.83	4.78	0.14
15.90	7.41	4.40	0.22	18.50	7.84	4.78	0.14
15.95	7.42	4.41	0.22	18.55	7.84	4.79	0.14
16.00	7.43	4.42	0.22	18.60	7.85	4.79	0.14
16.05	7.44	4.43	0.22	18.65	7.86	4.80	0.14
16.10	7.45	4.44	0.21	18.70	7.86	4.80	0.14
16.15	7.46	4.44	0.21	18.75	7.87	4.81	0.14
16.20	7.47	4.45	0.21	18.80	7.88	4.82	0.14
16.25	7.48	4.46	0.21	18.85	7.88	4.82	0.14
16.30	7.49	4.47	0.21	18.90	7.89	4.83	0.14
16.35	7.50	4.48	0.21	18.95	7.90	4.83	0.14
16.40	7.51	4.49	0.20	19.00	7.90	4.84	0.14
16.45	7.52	4.50	0.20	19.05	7.91	4.84	0.14
16.50	7.53	4.50	0.20	19.10	7.92	4.85	0.14
16.55	7.54	4.51	0.20	19.15	7.92	4.86	0.13
16.60	7.55	4.52	0.20	19.20	7.93	4.86	0.13
16.65	7.55	4.53	0.20	19.25	7.93	4.87	0.13
16.70	7.56	4.54	0.19	19.30	7.94	4.87	0.13
16.75	7.57	4.55	0.19	19.35	7.95	4.88	0.13
16.80	7.58	4.55	0.19	19.40	7.95	4.88	0.13
16.85	7.59	4.56	0.19	19.45	7.96	4.89	0.13
16.90	7.60	4.57	0.19	19.50	7.97	4.90	0.13
16.95	7.61	4.58	0.19	19.55	7.97	4.90	0.13
17.00	7.62	4.58	0.18	19.60	7.98	4.91	0.13
17.05	7.63	4.59	0.18	19.65	7.98	4.91	0.13
17.10	7.63	4.60	0.18	19.70	7.99	4.92	0.13
17.15	7.64	4.61	0.18	19.75	8.00	4.92	0.13
17.20	7.65	4.61	0.18	19.80	8.00	4.93	0.13
17.25	7.66	4.62	0.17	19.85	8.01	4.93	0.13
17.30	7.67	4.63	0.17	19.90	8.01	4.94	0.13
17.35	7.67	4.64	0.17	19.95	8.02	4.94	0.13
17.40	7.68	4.64	0.17	20.00	8.03	4.95	0.13
17.45	7.69	4.65	0.17	20.05	8.03	4.96	0.13
17.50	7.70	4.66	0.17	20.10	8.04	4.96	0.13
17.55	7.71	4.66	0.16	20.15	8.04	4.97	0.13
17.60	7.71	4.67	0.16	20.20	8.05	4.97	0.13
17.65	7.72	4.68	0.16	20.25	8.06	4.98	0.13
17.70	7.73	4.68	0.16	20.30	8.06	4.98	0.13
17.75	7.74	4.69	0.16	20.35	8.07	4.99	0.12
17.80	7.74	4.70	0.16	20.40	8.07	4.99	0.12
17.85	7.75	4.70	0.15	20.45	8.08	5.00	0.12
17.90	7.76	4.71	0.15	20.50	8.09	5.00	0.12
17.95	7.76	4.72	0.15	20.55	8.09	5.01	0.12
18.00	7.77	4.72	0.15	20.60	8.10	5.01	0.12
18.05	7.78	4.73	0.15	20.65	8.10	5.02	0.12
18.10	7.78	4.73	0.14	20.70	8.11	5.02	0.12
18.15	7.79	4.74	0.14	20.75	8.11	5.03	0.12

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.12	23.40	8.38	5.27	0.10
20.85	8.13	5.04	0.12	23.45	8.39	5.28	0.10
20.90	8.13	5.04	0.12	23.50	8.39	5.28	0.10
20.95	8.14	5.05	0.12	23.55	8.40	5.28	0.10
21.00	8.14	5.05	0.12	23.60	8.40	5.29	0.10
21.05	8.15	5.06	0.12	23.65	8.41	5.29	0.10
21.10	8.15	5.06	0.12	23.70	8.41	5.30	0.10
21.15	8.16	5.07	0.12	23.75	8.42	5.30	0.10
21.20	8.16	5.07	0.12	23.80	8.42	5.30	0.09
21.25	8.17	5.08	0.12	23.85	8.42	5.31	0.09
21.30	8.18	5.08	0.12	23.90	8.43	5.31	0.09
21.35	8.18	5.09	0.12	23.95	8.43	5.32	0.10
21.40	8.19	5.09	0.12	24.00	8.44	5.32	0.11
21.45	8.19	5.10	0.12	24.05	8.44	5.32	0.10
21.50	8.20	5.10	0.11	24.10	8.44	5.32	0.04
21.55	8.20	5.11	0.11	24.15	8.44	5.32	0.01
21.60	8.21	5.11	0.11	24.20	8.44	5.32	0.00
21.65	8.21	5.12	0.11	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.11	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.11	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.11	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.11	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.11	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.11	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.11	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.11	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.11	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.11	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.11	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.11	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.11	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.11	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.11	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.11	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.11	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.11	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.11	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.11	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.10	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.10	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.10	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.10	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.10	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.10	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.10	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.10	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.10	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.10	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.10	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.10	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.10	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.10	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 49P: PDA-49 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment 50I: PDA-50 (impervious)

Runoff = 6.55 cfs @ 12.09 hrs, Volume= 0.452 af, Depth= 8.20"
 Routed to Pond B-50 : Basin #50

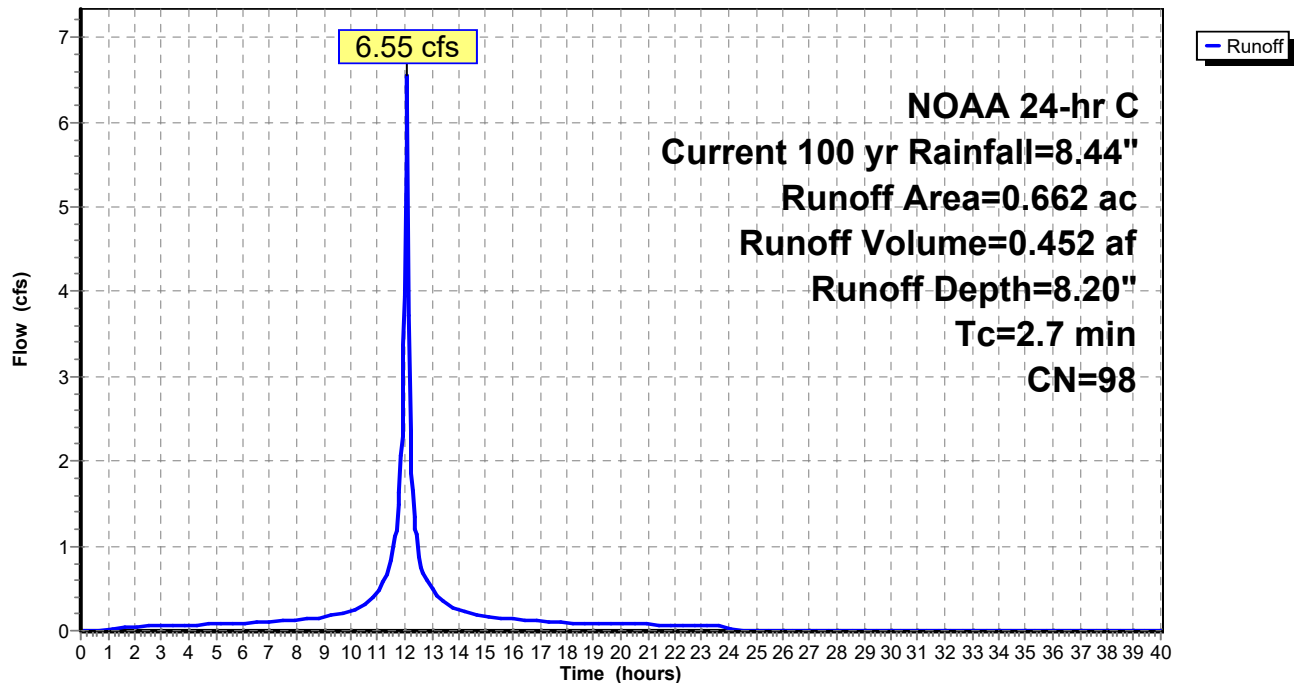
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
* 0.291	98	Pavement, HSG C
* 0.325	98	Roof, HSG C
* 0.046	98	Concrete, HSG C
0.662	98	Weighted Average
0.662		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7					Direct Entry,

Subcatchment 50I: PDA-50 (impervious)

Hydrograph



Hydrograph for Subcatchment 50I: PDA-50 (impervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.11	0.05
0.05	0.01	0.00	0.00	2.65	0.26	0.11	0.05
0.10	0.01	0.00	0.00	2.70	0.26	0.12	0.06
0.15	0.02	0.00	0.00	2.75	0.27	0.12	0.06
0.20	0.02	0.00	0.00	2.80	0.28	0.13	0.06
0.25	0.02	0.00	0.00	2.85	0.28	0.13	0.06
0.30	0.03	0.00	0.00	2.90	0.29	0.13	0.06
0.35	0.03	0.00	0.00	2.95	0.29	0.14	0.06
0.40	0.04	0.00	0.00	3.00	0.30	0.14	0.06
0.45	0.04	0.00	0.00	3.05	0.30	0.15	0.06
0.50	0.05	0.00	0.00	3.10	0.31	0.15	0.06
0.55	0.05	0.00	0.00	3.15	0.31	0.16	0.06
0.60	0.06	0.00	0.01	3.20	0.32	0.16	0.06
0.65	0.06	0.00	0.01	3.25	0.33	0.17	0.06
0.70	0.06	0.00	0.01	3.30	0.33	0.17	0.06
0.75	0.07	0.00	0.01	3.35	0.34	0.18	0.06
0.80	0.07	0.00	0.01	3.40	0.34	0.18	0.06
0.85	0.08	0.01	0.02	3.45	0.35	0.19	0.06
0.90	0.08	0.01	0.02	3.50	0.35	0.19	0.06
0.95	0.09	0.01	0.02	3.55	0.36	0.19	0.07
1.00	0.09	0.01	0.02	3.60	0.37	0.20	0.07
1.05	0.10	0.01	0.02	3.65	0.37	0.20	0.07
1.10	0.10	0.01	0.02	3.70	0.38	0.21	0.07
1.15	0.11	0.02	0.03	3.75	0.38	0.21	0.07
1.20	0.11	0.02	0.03	3.80	0.39	0.22	0.07
1.25	0.12	0.02	0.03	3.85	0.40	0.22	0.07
1.30	0.12	0.02	0.03	3.90	0.40	0.23	0.07
1.35	0.13	0.02	0.03	3.95	0.41	0.24	0.07
1.40	0.13	0.03	0.03	4.00	0.41	0.24	0.07
1.45	0.14	0.03	0.03	4.05	0.42	0.25	0.07
1.50	0.14	0.03	0.04	4.10	0.43	0.25	0.07
1.55	0.15	0.04	0.04	4.15	0.43	0.26	0.07
1.60	0.15	0.04	0.04	4.20	0.44	0.26	0.07
1.65	0.16	0.04	0.04	4.25	0.44	0.27	0.07
1.70	0.16	0.04	0.04	4.30	0.45	0.27	0.07
1.75	0.17	0.05	0.04	4.35	0.46	0.28	0.07
1.80	0.17	0.05	0.04	4.40	0.46	0.28	0.07
1.85	0.18	0.05	0.04	4.45	0.47	0.29	0.07
1.90	0.18	0.06	0.04	4.50	0.47	0.29	0.07
1.95	0.19	0.06	0.04	4.55	0.48	0.30	0.07
2.00	0.19	0.06	0.04	4.60	0.49	0.31	0.07
2.05	0.20	0.07	0.05	4.65	0.49	0.31	0.08
2.10	0.20	0.07	0.05	4.70	0.50	0.32	0.08
2.15	0.21	0.07	0.05	4.75	0.51	0.32	0.08
2.20	0.21	0.08	0.05	4.80	0.51	0.33	0.08
2.25	0.22	0.08	0.05	4.85	0.52	0.33	0.08
2.30	0.22	0.09	0.05	4.90	0.52	0.34	0.08
2.35	0.23	0.09	0.05	4.95	0.53	0.35	0.08
2.40	0.23	0.09	0.05	5.00	0.54	0.35	0.08
2.45	0.24	0.10	0.05	5.05	0.54	0.36	0.08
2.50	0.24	0.10	0.05	5.10	0.55	0.36	0.08
2.55	0.25	0.10	0.05	5.15	0.56	0.37	0.08

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.38	0.08	7.80	0.97	0.76	0.13
5.25	0.57	0.38	0.08	7.85	0.98	0.77	0.13
5.30	0.58	0.39	0.08	7.90	0.99	0.78	0.13
5.35	0.58	0.39	0.08	7.95	1.00	0.79	0.13
5.40	0.59	0.40	0.08	8.00	1.01	0.80	0.13
5.45	0.60	0.41	0.08	8.05	1.02	0.81	0.13
5.50	0.60	0.41	0.08	8.10	1.03	0.82	0.13
5.55	0.61	0.42	0.08	8.15	1.04	0.83	0.14
5.60	0.62	0.42	0.08	8.20	1.05	0.84	0.14
5.65	0.62	0.43	0.08	8.25	1.06	0.85	0.14
5.70	0.63	0.44	0.08	8.30	1.07	0.86	0.14
5.75	0.64	0.44	0.08	8.35	1.08	0.87	0.14
5.80	0.64	0.45	0.08	8.40	1.10	0.88	0.14
5.85	0.65	0.45	0.08	8.45	1.11	0.89	0.14
5.90	0.66	0.46	0.08	8.50	1.12	0.91	0.14
5.95	0.66	0.47	0.08	8.55	1.13	0.92	0.14
6.00	0.67	0.47	0.09	8.60	1.14	0.93	0.15
6.05	0.68	0.48	0.09	8.65	1.15	0.94	0.15
6.10	0.68	0.49	0.09	8.70	1.16	0.95	0.15
6.15	0.69	0.49	0.09	8.75	1.17	0.96	0.15
6.20	0.70	0.50	0.09	8.80	1.19	0.97	0.15
6.25	0.70	0.51	0.09	8.85	1.20	0.98	0.15
6.30	0.71	0.51	0.09	8.90	1.21	0.99	0.15
6.35	0.72	0.52	0.09	8.95	1.22	1.01	0.15
6.40	0.73	0.53	0.09	9.00	1.23	1.02	0.15
6.45	0.73	0.54	0.10	9.05	1.25	1.03	0.16
6.50	0.74	0.54	0.10	9.10	1.26	1.04	0.16
6.55	0.75	0.55	0.10	9.15	1.27	1.05	0.17
6.60	0.76	0.56	0.10	9.20	1.28	1.07	0.17
6.65	0.77	0.57	0.10	9.25	1.30	1.08	0.18
6.70	0.77	0.57	0.10	9.30	1.31	1.09	0.18
6.75	0.78	0.58	0.10	9.35	1.33	1.11	0.19
6.80	0.79	0.59	0.10	9.40	1.34	1.12	0.19
6.85	0.80	0.60	0.11	9.45	1.35	1.14	0.19
6.90	0.81	0.60	0.11	9.50	1.37	1.15	0.20
6.95	0.81	0.61	0.11	9.55	1.39	1.17	0.20
7.00	0.82	0.62	0.11	9.60	1.40	1.18	0.21
7.05	0.83	0.63	0.11	9.65	1.42	1.20	0.21
7.10	0.84	0.64	0.11	9.70	1.43	1.21	0.21
7.15	0.85	0.65	0.11	9.75	1.45	1.23	0.22
7.20	0.86	0.65	0.11	9.80	1.47	1.25	0.22
7.25	0.87	0.66	0.11	9.85	1.49	1.27	0.23
7.30	0.88	0.67	0.11	9.90	1.50	1.28	0.23
7.35	0.89	0.68	0.12	9.95	1.52	1.30	0.24
7.40	0.89	0.69	0.12	10.00	1.54	1.32	0.24
7.45	0.90	0.70	0.12	10.05	1.56	1.34	0.24
7.50	0.91	0.71	0.12	10.10	1.58	1.36	0.25
7.55	0.92	0.72	0.12	10.15	1.60	1.37	0.25
7.60	0.93	0.73	0.12	10.20	1.62	1.39	0.26
7.65	0.94	0.73	0.12	10.25	1.64	1.41	0.26
7.70	0.95	0.74	0.12	10.30	1.66	1.43	0.26
7.75	0.96	0.75	0.13	10.35	1.68	1.45	0.27

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	1.47	0.27	13.00	6.41	6.18	0.51
10.45	1.72	1.50	0.28	13.05	6.45	6.21	0.47
10.50	1.74	1.52	0.28	13.10	6.48	6.24	0.45
10.55	1.76	1.54	0.30	13.15	6.51	6.27	0.42
10.60	1.79	1.56	0.31	13.20	6.54	6.30	0.41
10.65	1.81	1.59	0.33	13.25	6.57	6.33	0.39
10.70	1.84	1.62	0.35	13.30	6.60	6.36	0.38
10.75	1.87	1.64	0.37	13.35	6.63	6.39	0.36
10.80	1.90	1.67	0.38	13.40	6.65	6.41	0.35
10.85	1.93	1.70	0.40	13.45	6.68	6.44	0.33
10.90	1.96	1.73	0.41	13.50	6.70	6.46	0.32
10.95	1.99	1.77	0.43	13.55	6.72	6.48	0.30
11.00	2.03	1.80	0.44	13.60	6.74	6.50	0.29
11.05	2.06	1.84	0.48	13.65	6.76	6.53	0.28
11.10	2.10	1.87	0.50	13.70	6.78	6.55	0.28
11.15	2.14	1.92	0.54	13.75	6.80	6.57	0.27
11.20	2.19	1.96	0.56	13.80	6.82	6.59	0.27
11.25	2.23	2.01	0.60	13.85	6.84	6.61	0.26
11.30	2.28	2.05	0.62	13.90	6.86	6.62	0.26
11.35	2.33	2.10	0.66	13.95	6.88	6.64	0.25
11.40	2.38	2.16	0.68	14.00	6.90	6.66	0.25
11.45	2.44	2.21	0.72	14.05	6.92	6.68	0.24
11.50	2.49	2.26	0.74	14.10	6.94	6.70	0.24
11.55	2.58	2.35	1.00	14.15	6.95	6.72	0.24
11.60	2.66	2.43	1.13	14.20	6.97	6.73	0.23
11.65	2.75	2.52	1.17	14.25	6.99	6.75	0.23
11.70	2.84	2.61	1.20	14.30	7.01	6.77	0.23
11.75	2.97	2.74	1.49	14.35	7.02	6.78	0.22
11.80	3.09	2.86	1.64	14.40	7.04	6.80	0.22
11.85	3.26	3.03	2.06	14.45	7.05	6.82	0.21
11.90	3.43	3.20	2.30	14.50	7.07	6.83	0.21
11.95	3.73	3.49	3.37	14.55	7.09	6.85	0.20
12.00	4.02	3.79	3.95	14.60	7.10	6.86	0.20
12.05	4.52	4.28	5.68	14.65	7.11	6.88	0.19
12.10	5.01	4.77	6.41	14.70	7.13	6.89	0.19
12.15	5.18	4.94	3.71	14.75	7.14	6.90	0.19
12.20	5.35	5.11	2.36	14.80	7.16	6.92	0.18
12.25	5.47	5.24	1.86	14.85	7.17	6.93	0.18
12.30	5.60	5.36	1.65	14.90	7.18	6.94	0.17
12.35	5.69	5.45	1.35	14.95	7.19	6.96	0.17
12.40	5.78	5.54	1.21	15.00	7.21	6.97	0.17
12.45	5.86	5.62	1.16	15.05	7.22	6.98	0.16
12.50	5.95	5.71	1.13	15.10	7.23	6.99	0.16
12.55	6.00	5.76	0.87	15.15	7.24	7.00	0.16
12.60	6.06	5.82	0.74	15.20	7.25	7.02	0.16
12.65	6.11	5.87	0.70	15.25	7.27	7.03	0.15
12.70	6.16	5.92	0.69	15.30	7.28	7.04	0.15
12.75	6.21	5.97	0.65	15.35	7.29	7.05	0.15
12.80	6.25	6.02	0.63	15.40	7.30	7.06	0.15
12.85	6.30	6.06	0.59	15.45	7.31	7.07	0.15
12.90	6.34	6.10	0.57	15.50	7.32	7.08	0.15
12.95	6.38	6.14	0.53	15.55	7.33	7.09	0.15

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	7.10	0.15	18.20	7.80	7.56	0.09
15.65	7.36	7.12	0.15	18.25	7.80	7.57	0.09
15.70	7.37	7.13	0.14	18.30	7.81	7.57	0.09
15.75	7.38	7.14	0.14	18.35	7.82	7.58	0.09
15.80	7.39	7.15	0.14	18.40	7.82	7.59	0.09
15.85	7.40	7.16	0.14	18.45	7.83	7.59	0.09
15.90	7.41	7.17	0.14	18.50	7.84	7.60	0.09
15.95	7.42	7.18	0.14	18.55	7.84	7.61	0.09
16.00	7.43	7.19	0.14	18.60	7.85	7.61	0.09
16.05	7.44	7.20	0.14	18.65	7.86	7.62	0.09
16.10	7.45	7.21	0.14	18.70	7.86	7.62	0.09
16.15	7.46	7.22	0.13	18.75	7.87	7.63	0.09
16.20	7.47	7.23	0.13	18.80	7.88	7.64	0.09
16.25	7.48	7.24	0.13	18.85	7.88	7.64	0.09
16.30	7.49	7.25	0.13	18.90	7.89	7.65	0.09
16.35	7.50	7.26	0.13	18.95	7.90	7.66	0.09
16.40	7.51	7.27	0.13	19.00	7.90	7.66	0.09
16.45	7.52	7.28	0.13	19.05	7.91	7.67	0.09
16.50	7.53	7.29	0.13	19.10	7.92	7.68	0.09
16.55	7.54	7.30	0.12	19.15	7.92	7.68	0.08
16.60	7.55	7.31	0.12	19.20	7.93	7.69	0.08
16.65	7.55	7.32	0.12	19.25	7.93	7.70	0.08
16.70	7.56	7.32	0.12	19.30	7.94	7.70	0.08
16.75	7.57	7.33	0.12	19.35	7.95	7.71	0.08
16.80	7.58	7.34	0.12	19.40	7.95	7.71	0.08
16.85	7.59	7.35	0.12	19.45	7.96	7.72	0.08
16.90	7.60	7.36	0.12	19.50	7.97	7.73	0.08
16.95	7.61	7.37	0.12	19.55	7.97	7.73	0.08
17.00	7.62	7.38	0.12	19.60	7.98	7.74	0.08
17.05	7.63	7.39	0.11	19.65	7.98	7.74	0.08
17.10	7.63	7.39	0.11	19.70	7.99	7.75	0.08
17.15	7.64	7.40	0.11	19.75	8.00	7.76	0.08
17.20	7.65	7.41	0.11	19.80	8.00	7.76	0.08
17.25	7.66	7.42	0.11	19.85	8.01	7.77	0.08
17.30	7.67	7.43	0.11	19.90	8.01	7.78	0.08
17.35	7.67	7.43	0.11	19.95	8.02	7.78	0.08
17.40	7.68	7.44	0.11	20.00	8.03	7.79	0.08
17.45	7.69	7.45	0.10	20.05	8.03	7.79	0.08
17.50	7.70	7.46	0.10	20.10	8.04	7.80	0.08
17.55	7.71	7.47	0.10	20.15	8.04	7.80	0.08
17.60	7.71	7.47	0.10	20.20	8.05	7.81	0.08
17.65	7.72	7.48	0.10	20.25	8.06	7.82	0.08
17.70	7.73	7.49	0.10	20.30	8.06	7.82	0.08
17.75	7.74	7.50	0.10	20.35	8.07	7.83	0.08
17.80	7.74	7.50	0.10	20.40	8.07	7.83	0.08
17.85	7.75	7.51	0.10	20.45	8.08	7.84	0.08
17.90	7.76	7.52	0.10	20.50	8.09	7.85	0.08
17.95	7.76	7.52	0.09	20.55	8.09	7.85	0.08
18.00	7.77	7.53	0.09	20.60	8.10	7.86	0.08
18.05	7.78	7.54	0.09	20.65	8.10	7.86	0.08
18.10	7.78	7.55	0.09	20.70	8.11	7.87	0.08
18.15	7.79	7.55	0.09	20.75	8.11	7.87	0.08

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	7.88	0.08	23.40	8.38	8.14	0.06
20.85	8.13	7.89	0.08	23.45	8.39	8.15	0.06
20.90	8.13	7.89	0.07	23.50	8.39	8.15	0.06
20.95	8.14	7.90	0.07	23.55	8.40	8.16	0.06
21.00	8.14	7.90	0.07	23.60	8.40	8.16	0.06
21.05	8.15	7.91	0.07	23.65	8.41	8.17	0.06
21.10	8.15	7.91	0.07	23.70	8.41	8.17	0.06
21.15	8.16	7.92	0.07	23.75	8.42	8.18	0.06
21.20	8.16	7.92	0.07	23.80	8.42	8.18	0.06
21.25	8.17	7.93	0.07	23.85	8.42	8.18	0.06
21.30	8.18	7.94	0.07	23.90	8.43	8.19	0.06
21.35	8.18	7.94	0.07	23.95	8.43	8.19	0.07
21.40	8.19	7.95	0.07	24.00	8.44	8.20	0.07
21.45	8.19	7.95	0.07	24.05	8.44	8.20	0.02
21.50	8.20	7.96	0.07	24.10	8.44	8.20	0.00
21.55	8.20	7.96	0.07	24.15	8.44	8.20	0.00
21.60	8.21	7.97	0.07	24.20	8.44	8.20	0.00
21.65	8.21	7.97	0.07	24.25	8.44	8.20	0.00
21.70	8.22	7.98	0.07	24.30	8.44	8.20	0.00
21.75	8.22	7.98	0.07	24.35	8.44	8.20	0.00
21.80	8.23	7.99	0.07	24.40	8.44	8.20	0.00
21.85	8.23	7.99	0.07	24.45	8.44	8.20	0.00
21.90	8.24	8.00	0.07	24.50	8.44	8.20	0.00
21.95	8.24	8.00	0.07	24.55	8.44	8.20	0.00
22.00	8.25	8.01	0.07	24.60	8.44	8.20	0.00
22.05	8.25	8.01	0.07	24.65	8.44	8.20	0.00
22.10	8.26	8.02	0.07	24.70	8.44	8.20	0.00
22.15	8.26	8.02	0.07	24.75	8.44	8.20	0.00
22.20	8.27	8.03	0.07	24.80	8.44	8.20	0.00
22.25	8.27	8.03	0.07	24.85	8.44	8.20	0.00
22.30	8.28	8.04	0.07	24.90	8.44	8.20	0.00
22.35	8.28	8.04	0.07	24.95	8.44	8.20	0.00
22.40	8.29	8.05	0.07	25.00	8.44	8.20	0.00
22.45	8.29	8.05	0.07	25.05	8.44	8.20	0.00
22.50	8.30	8.06	0.07	25.10	8.44	8.20	0.00
22.55	8.30	8.06	0.07	25.15	8.44	8.20	0.00
22.60	8.31	8.07	0.07	25.20	8.44	8.20	0.00
22.65	8.31	8.07	0.07	25.25	8.44	8.20	0.00
22.70	8.32	8.08	0.06	25.30	8.44	8.20	0.00
22.75	8.32	8.08	0.06	25.35	8.44	8.20	0.00
22.80	8.33	8.09	0.06	25.40	8.44	8.20	0.00
22.85	8.33	8.09	0.06	25.45	8.44	8.20	0.00
22.90	8.34	8.10	0.06	25.50	8.44	8.20	0.00
22.95	8.34	8.10	0.06	25.55	8.44	8.20	0.00
23.00	8.35	8.11	0.06	25.60	8.44	8.20	0.00
23.05	8.35	8.11	0.06	25.65	8.44	8.20	0.00
23.10	8.36	8.12	0.06	25.70	8.44	8.20	0.00
23.15	8.36	8.12	0.06	25.75	8.44	8.20	0.00
23.20	8.37	8.13	0.06	25.80	8.44	8.20	0.00
23.25	8.37	8.13	0.06	25.85	8.44	8.20	0.00
23.30	8.38	8.14	0.06	25.90	8.44	8.20	0.00
23.35	8.38	8.14	0.06	25.95	8.44	8.20	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	8.20	0.00	28.60	8.44	8.20	0.00
26.05	8.44	8.20	0.00	28.65	8.44	8.20	0.00
26.10	8.44	8.20	0.00	28.70	8.44	8.20	0.00
26.15	8.44	8.20	0.00	28.75	8.44	8.20	0.00
26.20	8.44	8.20	0.00	28.80	8.44	8.20	0.00
26.25	8.44	8.20	0.00	28.85	8.44	8.20	0.00
26.30	8.44	8.20	0.00	28.90	8.44	8.20	0.00
26.35	8.44	8.20	0.00	28.95	8.44	8.20	0.00
26.40	8.44	8.20	0.00	29.00	8.44	8.20	0.00
26.45	8.44	8.20	0.00	29.05	8.44	8.20	0.00
26.50	8.44	8.20	0.00	29.10	8.44	8.20	0.00
26.55	8.44	8.20	0.00	29.15	8.44	8.20	0.00
26.60	8.44	8.20	0.00	29.20	8.44	8.20	0.00
26.65	8.44	8.20	0.00	29.25	8.44	8.20	0.00
26.70	8.44	8.20	0.00	29.30	8.44	8.20	0.00
26.75	8.44	8.20	0.00	29.35	8.44	8.20	0.00
26.80	8.44	8.20	0.00	29.40	8.44	8.20	0.00
26.85	8.44	8.20	0.00	29.45	8.44	8.20	0.00
26.90	8.44	8.20	0.00	29.50	8.44	8.20	0.00
26.95	8.44	8.20	0.00	29.55	8.44	8.20	0.00
27.00	8.44	8.20	0.00	29.60	8.44	8.20	0.00
27.05	8.44	8.20	0.00	29.65	8.44	8.20	0.00
27.10	8.44	8.20	0.00	29.70	8.44	8.20	0.00
27.15	8.44	8.20	0.00	29.75	8.44	8.20	0.00
27.20	8.44	8.20	0.00	29.80	8.44	8.20	0.00
27.25	8.44	8.20	0.00	29.85	8.44	8.20	0.00
27.30	8.44	8.20	0.00	29.90	8.44	8.20	0.00
27.35	8.44	8.20	0.00	29.95	8.44	8.20	0.00
27.40	8.44	8.20	0.00	30.00	8.44	8.20	0.00
27.45	8.44	8.20	0.00	30.05	8.44	8.20	0.00
27.50	8.44	8.20	0.00	30.10	8.44	8.20	0.00
27.55	8.44	8.20	0.00	30.15	8.44	8.20	0.00
27.60	8.44	8.20	0.00	30.20	8.44	8.20	0.00
27.65	8.44	8.20	0.00	30.25	8.44	8.20	0.00
27.70	8.44	8.20	0.00	30.30	8.44	8.20	0.00
27.75	8.44	8.20	0.00	30.35	8.44	8.20	0.00
27.80	8.44	8.20	0.00	30.40	8.44	8.20	0.00
27.85	8.44	8.20	0.00	30.45	8.44	8.20	0.00
27.90	8.44	8.20	0.00	30.50	8.44	8.20	0.00
27.95	8.44	8.20	0.00	30.55	8.44	8.20	0.00
28.00	8.44	8.20	0.00	30.60	8.44	8.20	0.00
28.05	8.44	8.20	0.00	30.65	8.44	8.20	0.00
28.10	8.44	8.20	0.00	30.70	8.44	8.20	0.00
28.15	8.44	8.20	0.00	30.75	8.44	8.20	0.00
28.20	8.44	8.20	0.00	30.80	8.44	8.20	0.00
28.25	8.44	8.20	0.00	30.85	8.44	8.20	0.00
28.30	8.44	8.20	0.00	30.90	8.44	8.20	0.00
28.35	8.44	8.20	0.00	30.95	8.44	8.20	0.00
28.40	8.44	8.20	0.00	31.00	8.44	8.20	0.00
28.45	8.44	8.20	0.00	31.05	8.44	8.20	0.00
28.50	8.44	8.20	0.00	31.10	8.44	8.20	0.00
28.55	8.44	8.20	0.00	31.15	8.44	8.20	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	8.20	0.00	33.80	8.44	8.20	0.00
31.25	8.44	8.20	0.00	33.85	8.44	8.20	0.00
31.30	8.44	8.20	0.00	33.90	8.44	8.20	0.00
31.35	8.44	8.20	0.00	33.95	8.44	8.20	0.00
31.40	8.44	8.20	0.00	34.00	8.44	8.20	0.00
31.45	8.44	8.20	0.00	34.05	8.44	8.20	0.00
31.50	8.44	8.20	0.00	34.10	8.44	8.20	0.00
31.55	8.44	8.20	0.00	34.15	8.44	8.20	0.00
31.60	8.44	8.20	0.00	34.20	8.44	8.20	0.00
31.65	8.44	8.20	0.00	34.25	8.44	8.20	0.00
31.70	8.44	8.20	0.00	34.30	8.44	8.20	0.00
31.75	8.44	8.20	0.00	34.35	8.44	8.20	0.00
31.80	8.44	8.20	0.00	34.40	8.44	8.20	0.00
31.85	8.44	8.20	0.00	34.45	8.44	8.20	0.00
31.90	8.44	8.20	0.00	34.50	8.44	8.20	0.00
31.95	8.44	8.20	0.00	34.55	8.44	8.20	0.00
32.00	8.44	8.20	0.00	34.60	8.44	8.20	0.00
32.05	8.44	8.20	0.00	34.65	8.44	8.20	0.00
32.10	8.44	8.20	0.00	34.70	8.44	8.20	0.00
32.15	8.44	8.20	0.00	34.75	8.44	8.20	0.00
32.20	8.44	8.20	0.00	34.80	8.44	8.20	0.00
32.25	8.44	8.20	0.00	34.85	8.44	8.20	0.00
32.30	8.44	8.20	0.00	34.90	8.44	8.20	0.00
32.35	8.44	8.20	0.00	34.95	8.44	8.20	0.00
32.40	8.44	8.20	0.00	35.00	8.44	8.20	0.00
32.45	8.44	8.20	0.00	35.05	8.44	8.20	0.00
32.50	8.44	8.20	0.00	35.10	8.44	8.20	0.00
32.55	8.44	8.20	0.00	35.15	8.44	8.20	0.00
32.60	8.44	8.20	0.00	35.20	8.44	8.20	0.00
32.65	8.44	8.20	0.00	35.25	8.44	8.20	0.00
32.70	8.44	8.20	0.00	35.30	8.44	8.20	0.00
32.75	8.44	8.20	0.00	35.35	8.44	8.20	0.00
32.80	8.44	8.20	0.00	35.40	8.44	8.20	0.00
32.85	8.44	8.20	0.00	35.45	8.44	8.20	0.00
32.90	8.44	8.20	0.00	35.50	8.44	8.20	0.00
32.95	8.44	8.20	0.00	35.55	8.44	8.20	0.00
33.00	8.44	8.20	0.00	35.60	8.44	8.20	0.00
33.05	8.44	8.20	0.00	35.65	8.44	8.20	0.00
33.10	8.44	8.20	0.00	35.70	8.44	8.20	0.00
33.15	8.44	8.20	0.00	35.75	8.44	8.20	0.00
33.20	8.44	8.20	0.00	35.80	8.44	8.20	0.00
33.25	8.44	8.20	0.00	35.85	8.44	8.20	0.00
33.30	8.44	8.20	0.00	35.90	8.44	8.20	0.00
33.35	8.44	8.20	0.00	35.95	8.44	8.20	0.00
33.40	8.44	8.20	0.00	36.00	8.44	8.20	0.00
33.45	8.44	8.20	0.00	36.05	8.44	8.20	0.00
33.50	8.44	8.20	0.00	36.10	8.44	8.20	0.00
33.55	8.44	8.20	0.00	36.15	8.44	8.20	0.00
33.60	8.44	8.20	0.00	36.20	8.44	8.20	0.00
33.65	8.44	8.20	0.00	36.25	8.44	8.20	0.00
33.70	8.44	8.20	0.00	36.30	8.44	8.20	0.00
33.75	8.44	8.20	0.00	36.35	8.44	8.20	0.00

Hydrograph for Subcatchment 50I: PDA-50 (impervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	8.20	0.00	39.00	8.44	8.20	0.00
36.45	8.44	8.20	0.00	39.05	8.44	8.20	0.00
36.50	8.44	8.20	0.00	39.10	8.44	8.20	0.00
36.55	8.44	8.20	0.00	39.15	8.44	8.20	0.00
36.60	8.44	8.20	0.00	39.20	8.44	8.20	0.00
36.65	8.44	8.20	0.00	39.25	8.44	8.20	0.00
36.70	8.44	8.20	0.00	39.30	8.44	8.20	0.00
36.75	8.44	8.20	0.00	39.35	8.44	8.20	0.00
36.80	8.44	8.20	0.00	39.40	8.44	8.20	0.00
36.85	8.44	8.20	0.00	39.45	8.44	8.20	0.00
36.90	8.44	8.20	0.00	39.50	8.44	8.20	0.00
36.95	8.44	8.20	0.00	39.55	8.44	8.20	0.00
37.00	8.44	8.20	0.00	39.60	8.44	8.20	0.00
37.05	8.44	8.20	0.00	39.65	8.44	8.20	0.00
37.10	8.44	8.20	0.00	39.70	8.44	8.20	0.00
37.15	8.44	8.20	0.00	39.75	8.44	8.20	0.00
37.20	8.44	8.20	0.00	39.80	8.44	8.20	0.00
37.25	8.44	8.20	0.00	39.85	8.44	8.20	0.00
37.30	8.44	8.20	0.00	39.90	8.44	8.20	0.00
37.35	8.44	8.20	0.00	39.95	8.44	8.20	0.00
37.40	8.44	8.20	0.00	40.00	8.44	8.20	0.00
37.45	8.44	8.20	0.00				
37.50	8.44	8.20	0.00				
37.55	8.44	8.20	0.00				
37.60	8.44	8.20	0.00				
37.65	8.44	8.20	0.00				
37.70	8.44	8.20	0.00				
37.75	8.44	8.20	0.00				
37.80	8.44	8.20	0.00				
37.85	8.44	8.20	0.00				
37.90	8.44	8.20	0.00				
37.95	8.44	8.20	0.00				
38.00	8.44	8.20	0.00				
38.05	8.44	8.20	0.00				
38.10	8.44	8.20	0.00				
38.15	8.44	8.20	0.00				
38.20	8.44	8.20	0.00				
38.25	8.44	8.20	0.00				
38.30	8.44	8.20	0.00				
38.35	8.44	8.20	0.00				
38.40	8.44	8.20	0.00				
38.45	8.44	8.20	0.00				
38.50	8.44	8.20	0.00				
38.55	8.44	8.20	0.00				
38.60	8.44	8.20	0.00				
38.65	8.44	8.20	0.00				
38.70	8.44	8.20	0.00				
38.75	8.44	8.20	0.00				
38.80	8.44	8.20	0.00				
38.85	8.44	8.20	0.00				
38.90	8.44	8.20	0.00				
38.95	8.44	8.20	0.00				

Summary for Subcatchment 50P: PDA-50 (pervious)

Runoff = 10.68 cfs @ 12.13 hrs, Volume= 0.709 af, Depth= 5.32"
 Routed to Pond B-50 : Basin #50

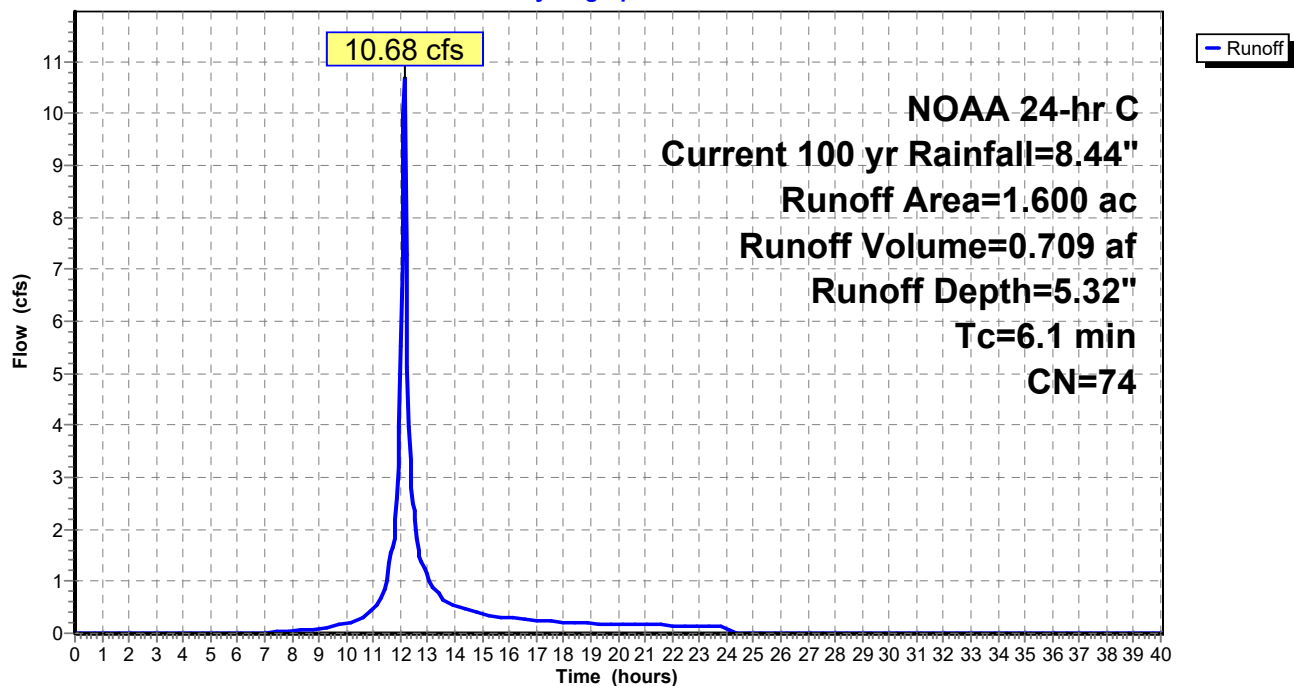
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
1.600	74	>75% Grass cover, Good, HSG C
1.600		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.1					Direct Entry,

Subcatchment 50P: PDA-50 (pervious)

Hydrograph



Hydrograph for Subcatchment 50P: PDA-50 (pervious)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.20	0.56	0.00	0.00	7.80	0.97	0.02	0.04
5.25	0.57	0.00	0.00	7.85	0.98	0.02	0.04
5.30	0.58	0.00	0.00	7.90	0.99	0.02	0.04
5.35	0.58	0.00	0.00	7.95	1.00	0.02	0.05
5.40	0.59	0.00	0.00	8.00	1.01	0.02	0.05
5.45	0.60	0.00	0.00	8.05	1.02	0.03	0.05
5.50	0.60	0.00	0.00	8.10	1.03	0.03	0.05
5.55	0.61	0.00	0.00	8.15	1.04	0.03	0.05
5.60	0.62	0.00	0.00	8.20	1.05	0.03	0.06
5.65	0.62	0.00	0.00	8.25	1.06	0.03	0.06
5.70	0.63	0.00	0.00	8.30	1.07	0.04	0.06
5.75	0.64	0.00	0.00	8.35	1.08	0.04	0.06
5.80	0.64	0.00	0.00	8.40	1.10	0.04	0.06
5.85	0.65	0.00	0.00	8.45	1.11	0.04	0.07
5.90	0.66	0.00	0.00	8.50	1.12	0.04	0.07
5.95	0.66	0.00	0.00	8.55	1.13	0.05	0.07
6.00	0.67	0.00	0.00	8.60	1.14	0.05	0.07
6.05	0.68	0.00	0.00	8.65	1.15	0.05	0.07
6.10	0.68	0.00	0.00	8.70	1.16	0.05	0.08
6.15	0.69	0.00	0.00	8.75	1.17	0.06	0.08
6.20	0.70	0.00	0.00	8.80	1.19	0.06	0.08
6.25	0.70	0.00	0.00	8.85	1.20	0.06	0.08
6.30	0.71	0.00	0.00	8.90	1.21	0.06	0.09
6.35	0.72	0.00	0.00	8.95	1.22	0.07	0.09
6.40	0.73	0.00	0.00	9.00	1.23	0.07	0.09
6.45	0.73	0.00	0.00	9.05	1.25	0.07	0.09
6.50	0.74	0.00	0.00	9.10	1.26	0.08	0.10
6.55	0.75	0.00	0.00	9.15	1.27	0.08	0.10
6.60	0.76	0.00	0.01	9.20	1.28	0.08	0.11
6.65	0.77	0.00	0.01	9.25	1.30	0.09	0.11
6.70	0.77	0.00	0.01	9.30	1.31	0.09	0.11
6.75	0.78	0.00	0.01	9.35	1.33	0.09	0.12
6.80	0.79	0.00	0.01	9.40	1.34	0.10	0.12
6.85	0.80	0.00	0.01	9.45	1.35	0.10	0.13
6.90	0.81	0.00	0.01	9.50	1.37	0.11	0.13
6.95	0.81	0.00	0.01	9.55	1.39	0.11	0.14
7.00	0.82	0.00	0.02	9.60	1.40	0.12	0.15
7.05	0.83	0.00	0.02	9.65	1.42	0.12	0.15
7.10	0.84	0.01	0.02	9.70	1.43	0.13	0.16
7.15	0.85	0.01	0.02	9.75	1.45	0.13	0.16
7.20	0.86	0.01	0.02	9.80	1.47	0.14	0.17
7.25	0.87	0.01	0.02	9.85	1.49	0.14	0.18
7.30	0.88	0.01	0.02	9.90	1.50	0.15	0.18
7.35	0.89	0.01	0.03	9.95	1.52	0.15	0.19
7.40	0.89	0.01	0.03	10.00	1.54	0.16	0.19
7.45	0.90	0.01	0.03	10.05	1.56	0.17	0.20
7.50	0.91	0.01	0.03	10.10	1.58	0.17	0.21
7.55	0.92	0.01	0.03	10.15	1.60	0.18	0.21
7.60	0.93	0.01	0.03	10.20	1.62	0.19	0.22
7.65	0.94	0.02	0.04	10.25	1.64	0.20	0.23
7.70	0.95	0.02	0.04	10.30	1.66	0.20	0.24
7.75	0.96	0.02	0.04	10.35	1.68	0.21	0.24

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
10.40	1.70	0.22	0.25	13.00	6.41	3.54	1.10
10.45	1.72	0.23	0.26	13.05	6.45	3.57	1.04
10.50	1.74	0.24	0.27	13.10	6.48	3.59	0.97
10.55	1.76	0.25	0.28	13.15	6.51	3.62	0.93
10.60	1.79	0.26	0.30	13.20	6.54	3.65	0.89
10.65	1.81	0.27	0.32	13.25	6.57	3.67	0.86
10.70	1.84	0.28	0.34	13.30	6.60	3.70	0.82
10.75	1.87	0.29	0.36	13.35	6.63	3.72	0.79
10.80	1.90	0.30	0.38	13.40	6.65	3.74	0.75
10.85	1.93	0.32	0.40	13.45	6.68	3.76	0.73
10.90	1.96	0.33	0.43	13.50	6.70	3.78	0.69
10.95	1.99	0.35	0.45	13.55	6.72	3.80	0.66
11.00	2.03	0.36	0.48	13.60	6.74	3.82	0.62
11.05	2.06	0.38	0.51	13.65	6.76	3.84	0.60
11.10	2.10	0.40	0.55	13.70	6.78	3.85	0.59
11.15	2.14	0.42	0.59	13.75	6.80	3.87	0.58
11.20	2.19	0.44	0.64	13.80	6.82	3.89	0.57
11.25	2.23	0.46	0.69	13.85	6.84	3.91	0.56
11.30	2.28	0.49	0.74	13.90	6.86	3.92	0.55
11.35	2.33	0.52	0.79	13.95	6.88	3.94	0.54
11.40	2.38	0.54	0.84	14.00	6.90	3.96	0.53
11.45	2.44	0.57	0.89	14.05	6.92	3.97	0.53
11.50	2.49	0.60	0.94	14.10	6.94	3.99	0.52
11.55	2.58	0.65	1.06	14.15	6.95	4.00	0.51
11.60	2.66	0.70	1.35	14.20	6.97	4.02	0.50
11.65	2.75	0.76	1.54	14.25	6.99	4.03	0.49
11.70	2.84	0.81	1.66	14.30	7.01	4.05	0.48
11.75	2.97	0.89	1.83	14.35	7.02	4.06	0.47
11.80	3.09	0.97	2.20	14.40	7.04	4.08	0.46
11.85	3.26	1.08	2.59	14.45	7.05	4.09	0.46
11.90	3.43	1.19	3.19	14.50	7.07	4.10	0.45
11.95	3.73	1.40	3.99	14.55	7.09	4.12	0.44
12.00	4.02	1.61	5.52	14.60	7.10	4.13	0.43
12.05	4.52	1.98	7.22	14.65	7.11	4.14	0.42
12.10	5.01	2.37	9.96	14.70	7.13	4.15	0.41
12.15	5.18	2.51	10.43	14.75	7.14	4.17	0.40
12.20	5.35	2.65	7.28	14.80	7.16	4.18	0.40
12.25	5.47	2.75	5.14	14.85	7.17	4.19	0.39
12.30	5.60	2.85	3.97	14.90	7.18	4.20	0.38
12.35	5.69	2.92	3.34	14.95	7.19	4.21	0.37
12.40	5.78	3.00	2.78	15.00	7.21	4.22	0.36
12.45	5.86	3.07	2.50	15.05	7.22	4.23	0.35
12.50	5.95	3.14	2.37	15.10	7.23	4.24	0.34
12.55	6.00	3.19	2.20	15.15	7.24	4.25	0.34
12.60	6.06	3.23	1.81	15.20	7.25	4.26	0.33
12.65	6.11	3.28	1.57	15.25	7.27	4.27	0.33
12.70	6.16	3.32	1.47	15.30	7.28	4.28	0.33
12.75	6.21	3.36	1.41	15.35	7.29	4.29	0.33
12.80	6.25	3.40	1.34	15.40	7.30	4.30	0.32
12.85	6.30	3.44	1.28	15.45	7.31	4.31	0.32
12.90	6.34	3.47	1.22	15.50	7.32	4.32	0.32
12.95	6.38	3.50	1.16	15.55	7.33	4.33	0.32

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
15.60	7.34	4.34	0.31	18.20	7.80	4.75	0.19
15.65	7.36	4.35	0.31	18.25	7.80	4.75	0.19
15.70	7.37	4.36	0.31	18.30	7.81	4.76	0.19
15.75	7.38	4.37	0.31	18.35	7.82	4.76	0.19
15.80	7.39	4.38	0.30	18.40	7.82	4.77	0.19
15.85	7.40	4.39	0.30	18.45	7.83	4.78	0.19
15.90	7.41	4.40	0.30	18.50	7.84	4.78	0.19
15.95	7.42	4.41	0.30	18.55	7.84	4.79	0.19
16.00	7.43	4.42	0.30	18.60	7.85	4.79	0.19
16.05	7.44	4.43	0.29	18.65	7.86	4.80	0.19
16.10	7.45	4.44	0.29	18.70	7.86	4.80	0.19
16.15	7.46	4.44	0.29	18.75	7.87	4.81	0.19
16.20	7.47	4.45	0.29	18.80	7.88	4.82	0.19
16.25	7.48	4.46	0.28	18.85	7.88	4.82	0.19
16.30	7.49	4.47	0.28	18.90	7.89	4.83	0.19
16.35	7.50	4.48	0.28	18.95	7.90	4.83	0.19
16.40	7.51	4.49	0.28	19.00	7.90	4.84	0.19
16.45	7.52	4.50	0.28	19.05	7.91	4.84	0.18
16.50	7.53	4.50	0.27	19.10	7.92	4.85	0.18
16.55	7.54	4.51	0.27	19.15	7.92	4.86	0.18
16.60	7.55	4.52	0.27	19.20	7.93	4.86	0.18
16.65	7.55	4.53	0.27	19.25	7.93	4.87	0.18
16.70	7.56	4.54	0.26	19.30	7.94	4.87	0.18
16.75	7.57	4.55	0.26	19.35	7.95	4.88	0.18
16.80	7.58	4.55	0.26	19.40	7.95	4.88	0.18
16.85	7.59	4.56	0.26	19.45	7.96	4.89	0.18
16.90	7.60	4.57	0.25	19.50	7.97	4.90	0.18
16.95	7.61	4.58	0.25	19.55	7.97	4.90	0.18
17.00	7.62	4.58	0.25	19.60	7.98	4.91	0.18
17.05	7.63	4.59	0.25	19.65	7.98	4.91	0.18
17.10	7.63	4.60	0.24	19.70	7.99	4.92	0.18
17.15	7.64	4.61	0.24	19.75	8.00	4.92	0.18
17.20	7.65	4.61	0.24	19.80	8.00	4.93	0.18
17.25	7.66	4.62	0.24	19.85	8.01	4.93	0.18
17.30	7.67	4.63	0.23	19.90	8.01	4.94	0.18
17.35	7.67	4.64	0.23	19.95	8.02	4.94	0.17
17.40	7.68	4.64	0.23	20.00	8.03	4.95	0.17
17.45	7.69	4.65	0.23	20.05	8.03	4.96	0.17
17.50	7.70	4.66	0.23	20.10	8.04	4.96	0.17
17.55	7.71	4.66	0.22	20.15	8.04	4.97	0.17
17.60	7.71	4.67	0.22	20.20	8.05	4.97	0.17
17.65	7.72	4.68	0.22	20.25	8.06	4.98	0.17
17.70	7.73	4.68	0.22	20.30	8.06	4.98	0.17
17.75	7.74	4.69	0.21	20.35	8.07	4.99	0.17
17.80	7.74	4.70	0.21	20.40	8.07	4.99	0.17
17.85	7.75	4.70	0.21	20.45	8.08	5.00	0.17
17.90	7.76	4.71	0.21	20.50	8.09	5.00	0.17
17.95	7.76	4.72	0.20	20.55	8.09	5.01	0.17
18.00	7.77	4.72	0.20	20.60	8.10	5.01	0.17
18.05	7.78	4.73	0.20	20.65	8.10	5.02	0.17
18.10	7.78	4.73	0.20	20.70	8.11	5.02	0.17
18.15	7.79	4.74	0.20	20.75	8.11	5.03	0.16

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
20.80	8.12	5.03	0.16	23.40	8.38	5.27	0.13
20.85	8.13	5.04	0.16	23.45	8.39	5.28	0.13
20.90	8.13	5.04	0.16	23.50	8.39	5.28	0.13
20.95	8.14	5.05	0.16	23.55	8.40	5.28	0.13
21.00	8.14	5.05	0.16	23.60	8.40	5.29	0.13
21.05	8.15	5.06	0.16	23.65	8.41	5.29	0.13
21.10	8.15	5.06	0.16	23.70	8.41	5.30	0.13
21.15	8.16	5.07	0.16	23.75	8.42	5.30	0.13
21.20	8.16	5.07	0.16	23.80	8.42	5.30	0.13
21.25	8.17	5.08	0.16	23.85	8.42	5.31	0.13
21.30	8.18	5.08	0.16	23.90	8.43	5.31	0.13
21.35	8.18	5.09	0.16	23.95	8.43	5.32	0.13
21.40	8.19	5.09	0.16	24.00	8.44	5.32	0.15
21.45	8.19	5.10	0.16	24.05	8.44	5.32	0.13
21.50	8.20	5.10	0.16	24.10	8.44	5.32	0.06
21.55	8.20	5.11	0.16	24.15	8.44	5.32	0.02
21.60	8.21	5.11	0.15	24.20	8.44	5.32	0.01
21.65	8.21	5.12	0.15	24.25	8.44	5.32	0.00
21.70	8.22	5.12	0.15	24.30	8.44	5.32	0.00
21.75	8.22	5.13	0.15	24.35	8.44	5.32	0.00
21.80	8.23	5.13	0.15	24.40	8.44	5.32	0.00
21.85	8.23	5.14	0.15	24.45	8.44	5.32	0.00
21.90	8.24	5.14	0.15	24.50	8.44	5.32	0.00
21.95	8.24	5.14	0.15	24.55	8.44	5.32	0.00
22.00	8.25	5.15	0.15	24.60	8.44	5.32	0.00
22.05	8.25	5.15	0.15	24.65	8.44	5.32	0.00
22.10	8.26	5.16	0.15	24.70	8.44	5.32	0.00
22.15	8.26	5.16	0.15	24.75	8.44	5.32	0.00
22.20	8.27	5.17	0.15	24.80	8.44	5.32	0.00
22.25	8.27	5.17	0.15	24.85	8.44	5.32	0.00
22.30	8.28	5.18	0.15	24.90	8.44	5.32	0.00
22.35	8.28	5.18	0.15	24.95	8.44	5.32	0.00
22.40	8.29	5.19	0.15	25.00	8.44	5.32	0.00
22.45	8.29	5.19	0.14	25.05	8.44	5.32	0.00
22.50	8.30	5.19	0.14	25.10	8.44	5.32	0.00
22.55	8.30	5.20	0.14	25.15	8.44	5.32	0.00
22.60	8.31	5.20	0.14	25.20	8.44	5.32	0.00
22.65	8.31	5.21	0.14	25.25	8.44	5.32	0.00
22.70	8.32	5.21	0.14	25.30	8.44	5.32	0.00
22.75	8.32	5.22	0.14	25.35	8.44	5.32	0.00
22.80	8.33	5.22	0.14	25.40	8.44	5.32	0.00
22.85	8.33	5.22	0.14	25.45	8.44	5.32	0.00
22.90	8.34	5.23	0.14	25.50	8.44	5.32	0.00
22.95	8.34	5.23	0.14	25.55	8.44	5.32	0.00
23.00	8.35	5.24	0.14	25.60	8.44	5.32	0.00
23.05	8.35	5.24	0.14	25.65	8.44	5.32	0.00
23.10	8.36	5.25	0.14	25.70	8.44	5.32	0.00
23.15	8.36	5.25	0.14	25.75	8.44	5.32	0.00
23.20	8.37	5.25	0.14	25.80	8.44	5.32	0.00
23.25	8.37	5.26	0.13	25.85	8.44	5.32	0.00
23.30	8.38	5.26	0.13	25.90	8.44	5.32	0.00
23.35	8.38	5.27	0.13	25.95	8.44	5.32	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
26.00	8.44	5.32	0.00	28.60	8.44	5.32	0.00
26.05	8.44	5.32	0.00	28.65	8.44	5.32	0.00
26.10	8.44	5.32	0.00	28.70	8.44	5.32	0.00
26.15	8.44	5.32	0.00	28.75	8.44	5.32	0.00
26.20	8.44	5.32	0.00	28.80	8.44	5.32	0.00
26.25	8.44	5.32	0.00	28.85	8.44	5.32	0.00
26.30	8.44	5.32	0.00	28.90	8.44	5.32	0.00
26.35	8.44	5.32	0.00	28.95	8.44	5.32	0.00
26.40	8.44	5.32	0.00	29.00	8.44	5.32	0.00
26.45	8.44	5.32	0.00	29.05	8.44	5.32	0.00
26.50	8.44	5.32	0.00	29.10	8.44	5.32	0.00
26.55	8.44	5.32	0.00	29.15	8.44	5.32	0.00
26.60	8.44	5.32	0.00	29.20	8.44	5.32	0.00
26.65	8.44	5.32	0.00	29.25	8.44	5.32	0.00
26.70	8.44	5.32	0.00	29.30	8.44	5.32	0.00
26.75	8.44	5.32	0.00	29.35	8.44	5.32	0.00
26.80	8.44	5.32	0.00	29.40	8.44	5.32	0.00
26.85	8.44	5.32	0.00	29.45	8.44	5.32	0.00
26.90	8.44	5.32	0.00	29.50	8.44	5.32	0.00
26.95	8.44	5.32	0.00	29.55	8.44	5.32	0.00
27.00	8.44	5.32	0.00	29.60	8.44	5.32	0.00
27.05	8.44	5.32	0.00	29.65	8.44	5.32	0.00
27.10	8.44	5.32	0.00	29.70	8.44	5.32	0.00
27.15	8.44	5.32	0.00	29.75	8.44	5.32	0.00
27.20	8.44	5.32	0.00	29.80	8.44	5.32	0.00
27.25	8.44	5.32	0.00	29.85	8.44	5.32	0.00
27.30	8.44	5.32	0.00	29.90	8.44	5.32	0.00
27.35	8.44	5.32	0.00	29.95	8.44	5.32	0.00
27.40	8.44	5.32	0.00	30.00	8.44	5.32	0.00
27.45	8.44	5.32	0.00	30.05	8.44	5.32	0.00
27.50	8.44	5.32	0.00	30.10	8.44	5.32	0.00
27.55	8.44	5.32	0.00	30.15	8.44	5.32	0.00
27.60	8.44	5.32	0.00	30.20	8.44	5.32	0.00
27.65	8.44	5.32	0.00	30.25	8.44	5.32	0.00
27.70	8.44	5.32	0.00	30.30	8.44	5.32	0.00
27.75	8.44	5.32	0.00	30.35	8.44	5.32	0.00
27.80	8.44	5.32	0.00	30.40	8.44	5.32	0.00
27.85	8.44	5.32	0.00	30.45	8.44	5.32	0.00
27.90	8.44	5.32	0.00	30.50	8.44	5.32	0.00
27.95	8.44	5.32	0.00	30.55	8.44	5.32	0.00
28.00	8.44	5.32	0.00	30.60	8.44	5.32	0.00
28.05	8.44	5.32	0.00	30.65	8.44	5.32	0.00
28.10	8.44	5.32	0.00	30.70	8.44	5.32	0.00
28.15	8.44	5.32	0.00	30.75	8.44	5.32	0.00
28.20	8.44	5.32	0.00	30.80	8.44	5.32	0.00
28.25	8.44	5.32	0.00	30.85	8.44	5.32	0.00
28.30	8.44	5.32	0.00	30.90	8.44	5.32	0.00
28.35	8.44	5.32	0.00	30.95	8.44	5.32	0.00
28.40	8.44	5.32	0.00	31.00	8.44	5.32	0.00
28.45	8.44	5.32	0.00	31.05	8.44	5.32	0.00
28.50	8.44	5.32	0.00	31.10	8.44	5.32	0.00
28.55	8.44	5.32	0.00	31.15	8.44	5.32	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
31.20	8.44	5.32	0.00	33.80	8.44	5.32	0.00
31.25	8.44	5.32	0.00	33.85	8.44	5.32	0.00
31.30	8.44	5.32	0.00	33.90	8.44	5.32	0.00
31.35	8.44	5.32	0.00	33.95	8.44	5.32	0.00
31.40	8.44	5.32	0.00	34.00	8.44	5.32	0.00
31.45	8.44	5.32	0.00	34.05	8.44	5.32	0.00
31.50	8.44	5.32	0.00	34.10	8.44	5.32	0.00
31.55	8.44	5.32	0.00	34.15	8.44	5.32	0.00
31.60	8.44	5.32	0.00	34.20	8.44	5.32	0.00
31.65	8.44	5.32	0.00	34.25	8.44	5.32	0.00
31.70	8.44	5.32	0.00	34.30	8.44	5.32	0.00
31.75	8.44	5.32	0.00	34.35	8.44	5.32	0.00
31.80	8.44	5.32	0.00	34.40	8.44	5.32	0.00
31.85	8.44	5.32	0.00	34.45	8.44	5.32	0.00
31.90	8.44	5.32	0.00	34.50	8.44	5.32	0.00
31.95	8.44	5.32	0.00	34.55	8.44	5.32	0.00
32.00	8.44	5.32	0.00	34.60	8.44	5.32	0.00
32.05	8.44	5.32	0.00	34.65	8.44	5.32	0.00
32.10	8.44	5.32	0.00	34.70	8.44	5.32	0.00
32.15	8.44	5.32	0.00	34.75	8.44	5.32	0.00
32.20	8.44	5.32	0.00	34.80	8.44	5.32	0.00
32.25	8.44	5.32	0.00	34.85	8.44	5.32	0.00
32.30	8.44	5.32	0.00	34.90	8.44	5.32	0.00
32.35	8.44	5.32	0.00	34.95	8.44	5.32	0.00
32.40	8.44	5.32	0.00	35.00	8.44	5.32	0.00
32.45	8.44	5.32	0.00	35.05	8.44	5.32	0.00
32.50	8.44	5.32	0.00	35.10	8.44	5.32	0.00
32.55	8.44	5.32	0.00	35.15	8.44	5.32	0.00
32.60	8.44	5.32	0.00	35.20	8.44	5.32	0.00
32.65	8.44	5.32	0.00	35.25	8.44	5.32	0.00
32.70	8.44	5.32	0.00	35.30	8.44	5.32	0.00
32.75	8.44	5.32	0.00	35.35	8.44	5.32	0.00
32.80	8.44	5.32	0.00	35.40	8.44	5.32	0.00
32.85	8.44	5.32	0.00	35.45	8.44	5.32	0.00
32.90	8.44	5.32	0.00	35.50	8.44	5.32	0.00
32.95	8.44	5.32	0.00	35.55	8.44	5.32	0.00
33.00	8.44	5.32	0.00	35.60	8.44	5.32	0.00
33.05	8.44	5.32	0.00	35.65	8.44	5.32	0.00
33.10	8.44	5.32	0.00	35.70	8.44	5.32	0.00
33.15	8.44	5.32	0.00	35.75	8.44	5.32	0.00
33.20	8.44	5.32	0.00	35.80	8.44	5.32	0.00
33.25	8.44	5.32	0.00	35.85	8.44	5.32	0.00
33.30	8.44	5.32	0.00	35.90	8.44	5.32	0.00
33.35	8.44	5.32	0.00	35.95	8.44	5.32	0.00
33.40	8.44	5.32	0.00	36.00	8.44	5.32	0.00
33.45	8.44	5.32	0.00	36.05	8.44	5.32	0.00
33.50	8.44	5.32	0.00	36.10	8.44	5.32	0.00
33.55	8.44	5.32	0.00	36.15	8.44	5.32	0.00
33.60	8.44	5.32	0.00	36.20	8.44	5.32	0.00
33.65	8.44	5.32	0.00	36.25	8.44	5.32	0.00
33.70	8.44	5.32	0.00	36.30	8.44	5.32	0.00
33.75	8.44	5.32	0.00	36.35	8.44	5.32	0.00

Hydrograph for Subcatchment 50P: PDA-50 (pervious) (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
36.40	8.44	5.32	0.00	39.00	8.44	5.32	0.00
36.45	8.44	5.32	0.00	39.05	8.44	5.32	0.00
36.50	8.44	5.32	0.00	39.10	8.44	5.32	0.00
36.55	8.44	5.32	0.00	39.15	8.44	5.32	0.00
36.60	8.44	5.32	0.00	39.20	8.44	5.32	0.00
36.65	8.44	5.32	0.00	39.25	8.44	5.32	0.00
36.70	8.44	5.32	0.00	39.30	8.44	5.32	0.00
36.75	8.44	5.32	0.00	39.35	8.44	5.32	0.00
36.80	8.44	5.32	0.00	39.40	8.44	5.32	0.00
36.85	8.44	5.32	0.00	39.45	8.44	5.32	0.00
36.90	8.44	5.32	0.00	39.50	8.44	5.32	0.00
36.95	8.44	5.32	0.00	39.55	8.44	5.32	0.00
37.00	8.44	5.32	0.00	39.60	8.44	5.32	0.00
37.05	8.44	5.32	0.00	39.65	8.44	5.32	0.00
37.10	8.44	5.32	0.00	39.70	8.44	5.32	0.00
37.15	8.44	5.32	0.00	39.75	8.44	5.32	0.00
37.20	8.44	5.32	0.00	39.80	8.44	5.32	0.00
37.25	8.44	5.32	0.00	39.85	8.44	5.32	0.00
37.30	8.44	5.32	0.00	39.90	8.44	5.32	0.00
37.35	8.44	5.32	0.00	39.95	8.44	5.32	0.00
37.40	8.44	5.32	0.00	40.00	8.44	5.32	0.00
37.45	8.44	5.32	0.00				
37.50	8.44	5.32	0.00				
37.55	8.44	5.32	0.00				
37.60	8.44	5.32	0.00				
37.65	8.44	5.32	0.00				
37.70	8.44	5.32	0.00				
37.75	8.44	5.32	0.00				
37.80	8.44	5.32	0.00				
37.85	8.44	5.32	0.00				
37.90	8.44	5.32	0.00				
37.95	8.44	5.32	0.00				
38.00	8.44	5.32	0.00				
38.05	8.44	5.32	0.00				
38.10	8.44	5.32	0.00				
38.15	8.44	5.32	0.00				
38.20	8.44	5.32	0.00				
38.25	8.44	5.32	0.00				
38.30	8.44	5.32	0.00				
38.35	8.44	5.32	0.00				
38.40	8.44	5.32	0.00				
38.45	8.44	5.32	0.00				
38.50	8.44	5.32	0.00				
38.55	8.44	5.32	0.00				
38.60	8.44	5.32	0.00				
38.65	8.44	5.32	0.00				
38.70	8.44	5.32	0.00				
38.75	8.44	5.32	0.00				
38.80	8.44	5.32	0.00				
38.85	8.44	5.32	0.00				
38.90	8.44	5.32	0.00				
38.95	8.44	5.32	0.00				

Summary for Subcatchment UPDA-5: PDA-5 (undetained)

Runoff = 4.10 cfs @ 12.15 hrs, Volume= 0.291 af, Depth= 5.32"
 Routed to Link PDA-5 : Proposed Drainage Area #5

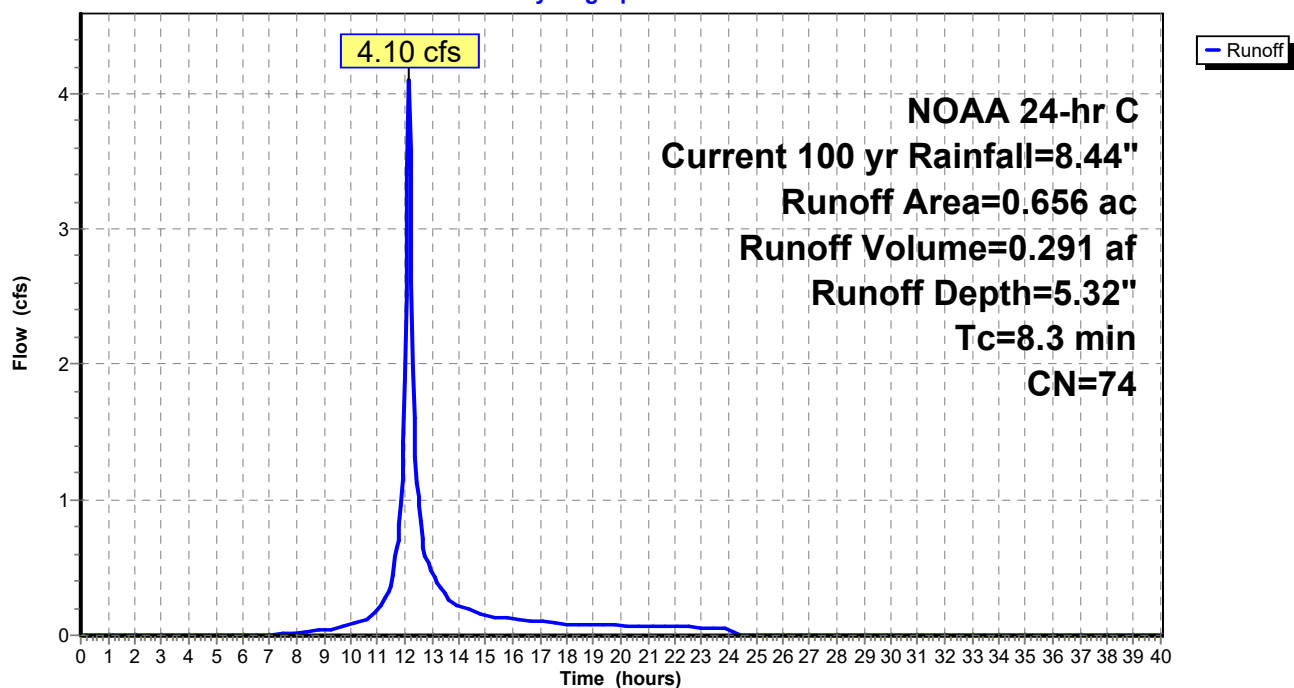
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-40.00 hrs, dt= 0.05 hrs
 NOAA 24-hr C Current 100 yr Rainfall=8.44"

Area (ac)	CN	Description
0.656	74	>75% Grass cover, Good, HSG C
0.656		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.3					Direct Entry,

Subcatchment UPDA-5: PDA-5 (undetained)

Hydrograph



Hydrograph for Subcatchment UPDA-5: PDA-5 (undetained)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	2.60	0.25	0.00	0.00
0.05	0.01	0.00	0.00	2.65	0.26	0.00	0.00
0.10	0.01	0.00	0.00	2.70	0.26	0.00	0.00
0.15	0.02	0.00	0.00	2.75	0.27	0.00	0.00
0.20	0.02	0.00	0.00	2.80	0.28	0.00	0.00
0.25	0.02	0.00	0.00	2.85	0.28	0.00	0.00
0.30	0.03	0.00	0.00	2.90	0.29	0.00	0.00
0.35	0.03	0.00	0.00	2.95	0.29	0.00	0.00
0.40	0.04	0.00	0.00	3.00	0.30	0.00	0.00
0.45	0.04	0.00	0.00	3.05	0.30	0.00	0.00
0.50	0.05	0.00	0.00	3.10	0.31	0.00	0.00
0.55	0.05	0.00	0.00	3.15	0.31	0.00	0.00
0.60	0.06	0.00	0.00	3.20	0.32	0.00	0.00
0.65	0.06	0.00	0.00	3.25	0.33	0.00	0.00
0.70	0.06	0.00	0.00	3.30	0.33	0.00	0.00
0.75	0.07	0.00	0.00	3.35	0.34	0.00	0.00
0.80	0.07	0.00	0.00	3.40	0.34	0.00	0.00
0.85	0.08	0.00	0.00	3.45	0.35	0.00	0.00
0.90	0.08	0.00	0.00	3.50	0.35	0.00	0.00
0.95	0.09	0.00	0.00	3.55	0.36	0.00	0.00
1.00	0.09	0.00	0.00	3.60	0.37	0.00	0.00
1.05	0.10	0.00	0.00	3.65	0.37	0.00	0.00
1.10	0.10	0.00	0.00	3.70	0.38	0.00	0.00
1.15	0.11	0.00	0.00	3.75	0.38	0.00	0.00
1.20	0.11	0.00	0.00	3.80	0.39	0.00	0.00
1.25	0.12	0.00	0.00	3.85	0.40	0.00	0.00
1.30	0.12	0.00	0.00	3.90	0.40	0.00	0.00
1.35	0.13	0.00	0.00	3.95	0.41	0.00	0.00
1.40	0.13	0.00	0.00	4.00	0.41	0.00	0.00
1.45	0.14	0.00	0.00	4.05	0.42	0.00	0.00
1.50	0.14	0.00	0.00	4.10	0.43	0.00	0.00
1.55	0.15	0.00	0.00	4.15	0.43	0.00	0.00
1.60	0.15	0.00	0.00	4.20	0.44	0.00	0.00
1.65	0.16	0.00	0.00	4.25	0.44	0.00	0.00
1.70	0.16	0.00	0.00	4.30	0.45	0.00	0.00
1.75	0.17	0.00	0.00	4.35	0.46	0.00	0.00
1.80	0.17	0.00	0.00	4.40	0.46	0.00	0.00
1.85	0.18	0.00	0.00	4.45	0.47	0.00	0.00
1.90	0.18	0.00	0.00	4.50	0.47	0.00	0.00
1.95	0.19	0.00	0.00	4.55	0.48	0.00	0.00
2.00	0.19	0.00	0.00	4.60	0.49	0.00	0.00
2.05	0.20	0.00	0.00	4.65	0.49	0.00	0.00
2.10	0.20	0.00	0.00	4.70	0.50	0.00	0.00
2.15	0.21	0.00	0.00	4.75	0.51	0.00	0.00
2.20	0.21	0.00	0.00	4.80	0.51	0.00	0.00
2.25	0.22	0.00	0.00	4.85	0.52	0.00	0.00
2.30	0.22	0.00	0.00	4.90	0.52	0.00	0.00
2.35	0.23	0.00	0.00	4.95	0.53	0.00	0.00
2.40	0.23	0.00	0.00	5.00	0.54	0.00	0.00
2.45	0.24	0.00	0.00	5.05	0.54	0.00	0.00
2.50	0.24	0.00	0.00	5.10	0.55	0.00	0.00
2.55	0.25	0.00	0.00	5.15	0.56	0.00	0.00